Line Thermal Printer <u>ESC/POS</u> <u>Command Specifications</u>

Revision 1.00

Star Micronics Co., Ltd. Special Products Operating Division

Table of Contents

<u>1.</u> INTERF	FACE CONFIGURATION	1-1
<u>1-1</u> <u>RS</u>	-232 Serial Interface	1-1
<u>1-1-1</u>	Specifications (Conforming to RS-232)	1-1
<u>1-1-2</u>	Switching Between Online and Offline	1-1
<u>1-1-3</u>	Signal Array and Explanations According to Interface Connector Pin	1-2
<u>1-1-4</u>	Timing for Transmitting XON/XOFF	1-3
<u>1-1-5</u>	Serial Interface Connection Example	1-3
<u>1-1-6</u>	Precautions When Switching the BUSY Conditions Using the DIP Switches	1-4
<u>1-2</u> <u>Bi-</u>	directional Parallel Interface (IEEE1284)	1-5
<u>1-2-1</u>	Compatibility Mode (Host – Printer Communications: Conforms to Centronix)	1-5
<u>1-2-2</u>	Reverse Mode (Printer to Host Communications)	1-5
<u>1-2-3</u>	Interface Connector Pin Arrangement for Each Mode	1-6
<u>1-2-4</u>	Data Reception Timing (Compatibility Mode)	1-7
<u>1-2-5</u>	Precautions When Resetting the Printer Using the Interface	1-8
<u>1-2-6</u>	Receiving Status from the Printer Using a Bidirectional Parallel Interface	1-9
2. Explana	ations of the Page Mode	2-1
<u>2-1</u> <u>Ge</u>	neral Description	2-1
<u>2-2</u> <u>Set</u>	ttings Using Commands in Standard Mode and Page Mode	2-1
<u>2-3</u> Exp	panding Print Data to the Print Region	2-2
<u>3.</u> <u>COMM</u>	AND FUNCTION LIST	3-1
<u>4.</u> <u>COMM</u>	AND DETAILS	4-1
<u>4-1</u> Exp	planation of Terms	4-1

4-2 Exception Processing	4-3
4-3 Command Details	4-4
4-3-1 Standard Commands	4-4
4-3-2 Chinese Character Control Commands	4-98
4-3-3 ESC/POS Black Mark Commands	4-108
4-3-4 STAR Original Commands	4-118
Star Original Presenter Control Commands	4-121
STAR Original Mark Commands	4-125
STAR Original Auto Logo Command	4-131
5. Character Code Table	5-1
5-1 ANK Codes	5-1
5-1-1 ESC/POS Standard Codes	5-1
5-1-2 STAR Original Codes	5-3
5-1-3 International Characters	5-10
5-2 Japanese Language Codes (Conforming to JIS x0208-1983)	5-11
5-2-1 JIS Codes	5-11
5-2-2 SHIFT-JIS Codes	5-18
5-3 Chinese Language Codes (Conforming to GB 8312)	5-24
5-4 Taiwanese Language Codes	5-32
5-5 Korean Language Codes	5-44
6. APPENDIX	6-1
6-1 Appendix 1 Cautions	6-1
6-2 Appendix 2 Status Specifications	6-2

<u>6-2-1</u>	Identifying Transmission Status	6-2
<u>6-2-2</u>	2 Error Details Per Model	6-2
<u>6-2-3</u>	<u>DLE EOT Status</u>	6-3
<u>6-2-4</u>	ASB Status Specifications	6-5
<u>6-2-5</u>	Printer Status Transmission Specification When Using Ethernet I/F	6-7
<u>6-3</u>	Appendix-3 Blank Page Configuration	6-9
<u>6-4</u>	Appendix 4 Standard Mode	6-11
<u>6-4-1</u>	Printing Region	6-11
<u>6-4-2</u>	2 Left Margin	6-12
<u>6-5</u>	Appendix 5 Page Mode	6-13
<u>6-5-1</u>	Page Mode Print Region	6-13
<u>6-5-2</u>	2 Usage Example of Page Mode	6-16
<u>6-6</u>	Appendix 6 CODE 128 Bar Codes	6-19
<u>6-6-1</u>	General Description of CODE 128 Bar Codes	6-19
<u>6-6-2</u>	2 <u>Code Tables</u>	6-20
<u>7-1</u>	RS-232C Interface	7-1
<u>7-2</u>	Parallel Interface	7-4
<u>7-3</u>	USB I/F (Ver 1.0) • Ethernet I/F (Ver 1.0)	7-7
<u>7-4</u> I	USB I/F (Ver 2.0) • Ethernet I/F (Ver 2.0)	

This document is the ESC/POS command specification manual. Information contained herein applies to models with the following conditions.

- Line Thermal Printers
- Printer head:
- Interface: Parallel/RS-232C
- Printing Width: 3 inch and 4 inch
- < Applicable Models> 3 inch printers: TSP700 and TSP600
- 4 inch printers: TSP800 and TUP900

203DPI

1. INTERFACE CONFIGURATION

1-1 RS-232 Serial Interface

1-1-1 Specifications (Conforming to RS-232)

Data transmission method	Serial
Synch method	Start-Stop synchronization method
Handshake	DTR/DSR/XON/XOFF
Signal level	MARK = -3v to -15v Logic '1'/OFF
-	SPACEK = +3v to +15v Logic '0'/ON
Baud rates	2400, 4800, 9600, 19200, 38400 bps
Bit length	7, 8 bits
Parity	None, odd, even
Stop bit:	1 bit (Fixed)
Connector	D-SUB 25 (Male)/D-SUB 9 (Male)

Note: Handshake, bit length, baud rates and parity settings are set by the DIP switches.

1-1-2 Switching Between Online and Offline

This printer does not have a switch to go between online and offline. The following conditions are required to go offline. • The time after initializing the mechanism when turning on the power or causing a reset by the interface until communication is possible

- When executing a self-test
- When the cover is open
- When printing has stopped because there is no paper

(When the roll paper end sensor detects that paper is out, or the roll paper near end sensor detects that paper is out using ESCc4, or paper is out when the print stop is enabled.)

- When waiting to switch at macro execution
- While there is a temporary error in the power voltage
- When there is an error

1-1-3 Signal Array and Explanations According to Interface Connector Pin

<Signal Array and Functions>

Pin No.	Signal Name	Signal Dir.	Function					
1	FG	-	Frame ground					
2	TXD	Output	Transmission Data					
3	RXD	Input	Reception Data					
4	RTS	Output	Same as DTR signal					
6	DSR	Input	Signal indicating whether host can receive data. The SPACE status indicates the host can receive data; the MARK status indicates that the host cannot receive data. When DTR/DSR control is selected, the status of this signal is checked to transmit data. (Excludes data transmissions using DLEEOT and GSa.) When XON/XOFF control is selected, the status of this signal is not checked. This signal can be used to reset the printer according by switching the DIP switches.					
7	SG	-	Signal ground					
20	DIK	Output	 (1) When DTR/DSR control is selected: Indicates whether the printer is BUSY. The SPACE status indicates the printer is READY; the MARK status indicates that the printer is BUSY. The DIP switch settings change the conditions for the printer to be BUSY. (*1) The following conditions are required to enter a <u>BUSY (MARK)</u> state. 					
			Printer Status	DIPSW St	atus (*1)			
				OFF	ON			
			• During the period from when the power is turned on (including resetting using the interface) to when the printer is ready to receive data	BUSY	BUSY			
			F • When executing a self-test	BUSY	BUSY			
			F • When the cover is open	-	BUSY			
			When printing stopped because of paper out	-	BUSY			
			N • When waiting to switch at macro - BUSY					
			While there is a temporary error in - BUSY					
			When there is an error BUSY					
			When reception buffer is full (*2) BUSY BUSY					
			 (2) XON/XOFF control is selected: Indicates whether the printer is connected normally and is ready to receive data from the host. A SPACE status indicate that the printer is connected normally and that data can be received. The SPACE status is always entered except for the following cases. The time after initializing the mechanism when turning on the power until communication is possible. 					
25	INIT	Input	This signal can be used to reset the printer accor	rding by switching the DI	P switches.			

(*1) DIPSW Settings: Conditions for BUSY

- ON = Reception buffer full or printer is offline (Default)
- OFF = Reception buffer full

(*2) When the reception buffer empty region is 0 bytes, received data is ignored.

1-1-4 Timing for Transmitting XON/XOFF

When XON/XOFF control is selected, XON and XOFF are transmitted with the following timings.

The transmission timing varies according to the DIP switch settings.

XON code: <11> H

XOFF code: <13> H

For (3) below, XON is not transmitted when the reception buffer is full.

For (6) below, XOFF is not transmitted when the reception buffer is full.

<XON/XOFF Transmission Timing>

	Printor Status	DIPSW Status (*1)		
	Finiter Status	OFF	ON	
XON Transmission	(1) When online for the first time after turning the power on or a reset using the interface	Transmission	Transmission	
	(2) When the buffer full status was cancelled for reception buffer	Transmission	Transmission	
	(3) When shifting from offline to online	-	Transmission	
	(4) When recovered from a recoverable error using a command	-	Transmission	
XOFF	(5) When the reception buffer entered buffer full status	Transmission	Transmission	
Transmission	(6) When shifting from online to offline	-	Transmission	

(*1) DIPSW Settings: Conditions for BUSY

ON = Reception buffer full or printer is offline (Default)

OFF = Reception buffer full

1-1-5 Serial Interface Connection Example

• If the other connected party is DCE, be careful so that there is no status without a handshake (where data is flows) (DTE: Data Terminal Equipment; DCE: Data Circuit Terminating Equipment)

• When transmitting data to the printer, turn on the power to the printer and initialize first.

Host	Printer
TXD	 RXD
DSR	 DTR
CTS	 RTS
RXD	 TXD
DTR	 DSR
F.G	 F.G
S.G	 S.G

1-1-6 Precautions When Switching the BUSY Conditions Using the DIP Switches

DIPSW Settings: Conditions for BUSY

- ON = Reception buffer full or printer is offline (Default)
- OFF = Reception buffer full

To set the busy conditions to reception buffer full (OFF) using the DIP switches, operators should be aware of the following points.

• Printing will stop but the printer will not enter a BUSY state when printing stops because of an error, the cover is open, paper is out when printing stops are enabled, or when paper feeds are executed using the paper feed switch.

• Depending on this setting, the printer status is monitor when there is a handshake with the printer, always by a GSa command or using the automatic transmission function of data using that command.

- When using DLEEOT, DLEENQ and DLEDC4, the reception buffer does not enter a buffer full status.
- Precautions on the host which cannot receive data transmissions when the printer is BUSY

DLEEOT, DLEENQ and DLEDC4 cannot be used when an error occurs when the printer has entered a BUSY state because the reception buffer is full.

• Precautions on the host which can receive data transmissions when the printer is BUSY

DLEEOT, DLEENQ and DLEDC4 are handled as bit image data when using the DLEEOT, DLEENQ and DLEDC4 partway through the bit image data when the reception buffer is full when transmitting bit image data. Also, it is possible to lose data when received while the reception buffer is full.

1-2 Bi-directional Parallel Interface (IEEE1284)

1-2-1 Compatibility Mode (Host – Printer Communications: Conforms to Centronix)

1. General Description

The Compatibility Mode is a mode that uses the Centronix interface as standard, which is widely in use.

2. Specifications

Data transmission method:	8 Bit Parallel
Synch method:	According to externally supplied nStrobe signal
Handshake:	According nAck signals and Busy signals
Signal level:	All signals are TTL compatible

3. Switching Between Online and Offline

This printer does not have a switch to go between online and offline. The following conditions are required to go offline.

• The time after initializing the mechanism when turning on the power or causing a reset by the interface until communication is possible

- When executing a self-test
- When the cover is open
- When the paper is out and printing has stopped (paper out selected by ESCc4)
- When waiting to switch at macro execution
- When errors occur

1-2-2 Reverse Mode (Printer to Host Communications)

Status data transfer from the printer to the host is performed in either Nibble or Byte Mode.

General Description

Data transmissions from asynch printers controlled by the host are regulated. Nibble Mode data transmissions use an existing control line to transmit data 4 bits (Nibble) at a time. The Byte Mode uses bidirectional communications to transfer 8 bits of data lines. In either case, communications are in half-duplex because it is not possible to execute both simultaneously with the Compatibility Mode.

1-2-3 Interface Connector Pin Arrangement for Each Mode

Pin	Source	Source Compatibility Mode Nibble Mode		Byte Mode	
1	Host	nStrobe	HostClk	HostClk	
2	Host/Ptr	Data0 (LSB)	Data0 (LSB)	Data0 (LSB)	
3	Host/Ptr	Data1	Data1	Data1	
4	Host/Ptr	Data2	Data2	Data2	
5	Host/Ptr	Data3	Data3	Data3	
6	Host/Ptr	Data4	Data4	Data4	
7	Host/Ptr	Data5	Data5	Data5	
8	Host/Ptr	Data6	Data6	Data6	
9	Host/Ptr	Data7 (MSB)	Data7 (MSB)	Data7 (MSB)	
10	Printer	nAck	PtrClk	PtrClk	
11	Printer	Busy	PtrBusy/Data3,7	PtrBusy	
12	Printer	PError	AckDataReq/Data2,6	AckDataReq	
13	Printer	Select	Xflag/Data1,5	Xflag	
14	Host	NC	HostBusy	HostBusy	
15		NC	ND	ND	
16		Signal GND	Signal GND	Signal GND	
17		Frame GND	Frame GND	Frame GND	
18	Printer	+5 V	+5 V	+5 V	
19 to 30		Twisted Pair Return	Twisted Pair Return	Twisted Pair Return	
31	Host	nInit	nInit	nInit	
32	Printer	nFault	nDataAvail/Data0,4	nDataAvail	
33		EXTGND	ND	ND	
34	Printer	NC	ND	ND	
35	Printer	NC	ND	ND	
36	Host	nSelectIn	1284-Active	1284-Active	

NC: Not Connected ND: Not Defined

<Note>

• Initial 'n' of signal name indicates an 'L' active signal.

Bidirectional communications are not possible on hosts with even one of the above signal lines.

- Always use twisted pair lines for each signal line when using the interface and connect the return side to the signal ground level.
- All interface conditions use TTL levels as standard and must satisfy the following characteristics. Each signal rise and fall times must be a maximum of 0.5 μs.
- Data transmissions for which nAck signals or Busy signals are ignored are prohibited. When ignored, data can be lost.

• Use the shortest distance necessary for the interface cable.



1-2-4 Data Reception Timing (Compatibility Mode)

		Standards		
		Minimum [ns]	Maximum [ns]	
Data Hold Time (host)	tHold-1	-	500	
Data Hold Time (printer)	tHold-2	-	-	
Data Setup Time	tSetup	-	500	
STROBE Pulse Width	tSTB	-	500	
READY Cycle Idle Time	tReady	-	-	
BUSY Output Delay Time	tBUSY	0	500	
Data Processing Time	tReply	0	8	
ACKNLG Pulse Width	tACK	1usec/9usec (*1)	-	
BUSY Cancel Time	tnBUSY	0	∞	
ACK Cycle Idle Time	tNext	-	0	

(*1) Memory Switch Setting: ACK Pulse Width

ON = 9usec

OFF = 1usec (Default)

1-2-5 Precautions When Resetting the Printer Using the Interface

When applying a printer reset using the interface (#31 pin nInit signal) in the Compatibility Mode, the following characteristics must be met.

Reset Minimum Pulse Width	TRS	50µsec (min)
Rise Time	tf	500nsec (max)
Fall Time	tr	500nsec (max)



1-2-6 Receiving Status from the Printer Using a Bidirectional Parallel Interface

It is possible to transmit the status from the printer using bidirectional communications functions according to the Nibble and Byte Mode which conform to IEEE1284 standards, when using a bidirectional parallel interface. When doing so, compared to RS-232 serial interface specifications, you must pay attention to the following points because the printer cannot insert real-time interrupts to the host.

• The transmission buffer size in the printer is 128 bytes. (Excluding ASB status) Because statuses that exceed this are discarded, create a receive status (Reverse Mode) on the host side so that status are not lost.

• When using ASB, it is preferred that the host side be in a receive waiting status (a reverse idle status). If that is not possible, put the host side into a Reverse Mode to constantly monitor the presence of data.

• When using ASB, ASB status is transmitted with priority over other statuses in the Reverse Mode. Also, ASB status that are accumulated without being sent from the last sent ASB status to the latest ASB status ate bundled into one ASB status and transmitted, and the latest ASB status is then transmitted after that.

Example: The following shows an ASB status in a normal (idled) state.

First Status		Second	l Status	Third	Status	Fourth	Status
0000	1000	0000	0000	0000	0000	0000	0000

The following data is accumulated when a near end detection occurs, the cover is open and cover close is performed.

4 -	First	Status	Second	l Status	Third	Status	Fourth	Status	Near End
	0000	1000	0000	0000	0000	0011	0000	0000	Detection
•									Cover
2	0010	1000	0000	0000	0000	0011	0000	0000	Open
<u> </u>									Cover
3	0000	1000	0000	0000	0000	0011	0000	0000	Closed

Then, when the ASB status is received, the combination of actually transferred ASB is a total of 8 bytes: ASB (1 + 2 + 3) + the latest ASB (3).

	First Status		Second	l Status	Third	Status	Fourth	Status
ASB (1 + 2 + 3)	0010	1000	0000	0000	0000	0011	0000	0000

+

	First Status		Second	l Status	Third	Status	Fourth	Status
Latest ASB (3)	0001	1000	0000	0000	0000	0011	0000	0000

2. EXPLANATIONS OF THE PAGE MODE

2-1 General Description

print Mode This printer has two modes: The Standard and the Page Mode. In the standard mode, the printer prints or performs a paper feed whenever it receives printing or paper feed instructions. With the Page mode, received printing or paper feed instructions are all performed on the print region in the specified memory, but the printer does not act. Then, when the ESCFF or FF command is executed, the data is expanded to that print region to print it in batch. Specifically, when printing or line feeding data of "ABCDEF" <LF>, the status mode prints "ABCDEF" and executes one line feed. However, with the page mode, "ABCDEF" is written to the specified print region on the memory and one line is moved in the memory position to write the next print data. The printer enters the page mode using ESCL. Subsequently received commands are all processed using the page mode. By executing ESCFF, data that is received is printed in batch. By executing FF, data that is received is printed in batch, then the printer recovers to the standard mode. It is possible to return to the standard mode without printing print data in the page mode using ESCS. However, that print data is cleared.



2-2 Settings Using Commands in Standard Mode and Page Mode

• The values set using each command are common settings for both the standard mode and the page mode, but the settings of the following commands are set independently for each. \rightarrow ESCSP,ESC2,ESC3,FSS

• In the standard mode, the maximum number of dots are set for the X direction, but in the page mode, the Y direction (the X direction when not rotated) when rotated in either the 90 degree direction or the 270 degree direction becomes larger. For details see the print region setting command (ESCW) for the page mode.

2-3 Expanding Print Data to the Print Region

The following are performed when expanding print data to the print region.

- (1) The print region is set by ESCW, ESCW sets the left side as the print region origin (X0, y0) at the point all operations for previous printings and paper feeds are completed received by the printer. The square shape formed by the two sides of the dx pitch in the X direction (horizontal direction) including the origin and the dy pitch in the Y direction (vertical direction) from the origin (x0, y0) is the print region (When ESCW is not set, the initial value is the print region).
- (2) If the print region is set by ESCW and print direction is set by ESCT, the point A in the figure 2.3.1 is the initial value and print data expands to the print region when the printer receives the print data. In the case of characters, this starting point is the base line. Download bit images and bar codes are expanded for the top of the base line using the lower left point of the image data as the base line (Fig. 2.3.2 Point B) However, the HRI characters that come below the bar codes are printed below the base line. When trying to expand characters that are taller than standard characters (double-tall characters) or download bit images, the portion that is beyond the height of standard characters is not printed.
- (3) If print data is outside of the print region (including the space right of the character) before receiving the commands (LF, ESCJ, etc.) accompanying a line feed, a line feed is automatically performed in the print region and the expanding position of the print data is moved one line and the next expansion position becomes the head of the line. The line feed amount is the line feed amount set by ESC2 and ESC3.
- (4) The initial value of the line feed amount when using basic calculated pitch correction of 180 DPI is 4.23 mm (1/6 inch). This is equivalent to 33 dots. Therefore, when using expanded characters that are beyond the double-tall size in the vertical direction in the next line of print data, download bit images that are larger than two lines or bar codes that are taller than characters, the line amount will be insufficient and the upper dots of the characters in the next print data will overlap, so the amount of line feed must be increased. The line feed amount of the first line in the example below must be more than 28 dots (Fig. 3.12.4).

<Ex.> When printing a download bit image for 6 bytes in the vertical direction:

(Vertical dot count (8×6) – Starting line feed amount (20)) x Basic calculated pitch conversion in the vertical direction (360/180) = 56

Therefore, the line feed must be 56 pitches (28 dots) in excess.

ESCW, xL, xH, yL, yH, dxL, dxH, dyL, dyH ESCTn ESC354 \leftarrow Additional line feed amount LF GS/1 ESC2 \leftarrow Returns to a line feed amount of 4.23 mm (1/6 inch)

- Note: The basic calculated pitch is 1/180 horizontally and 1/360 vertically with default, so a differences is generated with the position specification according to the print direction. By setting the basic calculated pitch in the vertical direction to 1/180 using a command (GSP), a difference will not be generated by print direction.
- STAR The page print region setting, print data expansion position, line feed, position movement amount in the page mode are affected by the basic calculated pitch correction using the DIP switches. For details, see the command details for GSP (basic calculated pitch specification) and ESCW (print region setting command).





Fig. 2.3.2 Character Data Expansion Position







3. COMMAND FUNCTION LIST

• Valid; (L): Effective only at the top of the line; (S): there is no data in print buffer **Standard Commands**

Only setting effective; (D): Effective only when

O	Nemo		Command		Page	GS P
Commands	Name		ass Sot	Mode	Mode	Effect
υт	Horizoptal tab		ડા	0	0	
	Ling food	0		0	0	
	Drint and recover to page mode	0		lanored	0	
	Print and recover to page mode	0		ignorod	0	
	Cancel print data in page mode	0		Ianored	0	
	Cancel pinit data in page mode	0		ignored	0	
	Real-time status transmission	0		0	0	
	Real-time request to printer	0		0	0	
DLE DC4	Print data in page mode	0		Ianored	0	
	Set character right appendix amount	0		ignored	0	
ESC SP	Set character right space amount		0	0	0	0
ESC!	Batch specify phil mode		0	0	0	
ESC \$		0	-	0	0	0
ESC %	Specify/cancel download character set		0	0	0	
ESC&			0	0	0	
ESC *	Specify bit image mode	0		0	0	
ESC -	Specify/cancels underline mode		0	0	0	
ESC 2	Set default line spacing		0	0	0	
ESC 3	Set line feed amount		0	0	0	0
ESC =	Select peripheral device		0	0	0	
ESC ?	Delete download characters		0	0	0	
ESC @	Initialize printer	0	0	0	0	
ESC D	Set horizontal tab position		0	0	0	
ESC E	Specify/cancel emphasized printing		0	0	0	
ESC G	Specify/cancel double printing		0	0	0	
ESC J	Print and Paper Feed	0		0	0	0
ESC L	Select page mode	0		(L)	Ignored	
ESC M	Select character font			0	0	
ESC R	Select international characters		0	0	0	
ESC S	Select standard mode	0		Ignored	0	
ESC T	Select character print direction in page mode		0	(S)	0	
ESC V	Specify/cancel char. 90 deg. clockwise rotation		0	0	(S)	
ESC W	Set print region in page mode		0	(S)	0	0
ESC \	Specify relative position	0		0	0	0
ESC a	Position alignment		0	(L)	(S)	
ESC c 3	Select paper out sensor to enable at paper out signal output		0	0	0	
ESC c 4	Select paper out sensor to enable at printing stop		0	0	0	
ESC c 5	Enable/disable panel switches		0	0	0	
ESC d	Print and feed paper n lines	0		0	0	
ESC p	Specify pulse	0		0	0	
ESC t	Select character code table		0	0	0	
ESC {	Specify/cancel upside-down characters		0	(L)	(S)	
FSg1	Write data to user NV memory		0	0	Invalid	
FSg2	Read user NV memory data	0		0	0	

Commands	Name		mand ass	Std	Page	GS P
		Exe.	Set.	Mode	Mode	Effect
FSp	Print NV bit image	0		0	Invalid	
FSq	Define NV bit image		0	(L)	Invalid	
GS !	Select character size		0	Ó	0	
GS \$	Specify absolute position for character vertical direction in page mode	0		Ignored	0	0
GS *	Define download bit images		0	0	0	
GS (A	Test print	0		0	Ignored	
GS (K	Set print density		0	0	0	
GS (N	Select 2 color printing		0	0	0	
GS /	Print download bit images	0		(D)	0	
GS :	Start/end macro definition	0	0	0	0	
GS B	Specify/cancel white/black inverted printing		0	0	0	
GS C 0	Set counter print mode		0	0	0	
GSC1	Set Counter Mode (A)		0	0	0	
GS C 2	Set counter value		0	0	0	
GSC;	Set Counter Mode (B)		0	0	0	
GS E	Set print speed		0	0	0	
GS H	Select HRI character print position		0	0	0	
GS I	Send Printer ID	0		0	0	
GS L	Set left margin		0	(L)	(S)	0
GS P	Set basic calculated pitch		0	0	0	
GS T	Move to top of line	0		0	Ignored	
GS V	Cut paper	0		(L)	0	0
GS W	Set print region width		0	(L)	(S)	0
GS \	Specify relative position for character vertical direction in page mode	0		Ignored	0	0
GS ^	Execute macro	0		0	0	
GS a	Enable/disable transmission of automatic status	0	0	0	0	
GS b	Specify/cancel smoothing		0	0	0	
GS c	Print counter	0		0	0	
GS f	Select HRI character font		0	0	0	
GS h	Set bar code height		0	0	0	
GS k	Print bar code	0		(D)	0	
GS r	Transmission of status	0		0	0	
GS v 0	Print raster bit images	0		(D)	Invalid	
GS w	Set bar code horizontal size		0	0	0	

Kanji Control Commands (For Japanese, Chinese and Taiwanese language specifications only)

Commands	Name	Command Class		Std Mode	Page Mode	GS P Effect
		Exe.	Set.	Mode	woue	Ellect
FS !	Batch specify Chinese character print mode		0	0	0	
FS &	Specify Chinese character mode		0	0	0	
FS -	Specify/cancel Chinese character underline		0	0	0	
FS.	Cancel Chinese character mode		0	0	0	
FS 2	Define external character		0	0	0	
FS C	Select Chinese character code type		0	0	0	
FS S	Set Chinese character space amount		0	0	0	0
FS W	Specify/cancel double-tall, double wide Chinese characters		0	0	0	

ESC/POS Black Mark Related Commands

Commands	Name		Command Class		Page	GS P Effect
			Set.	woue	Mode	Ellect
FF	Print and recover to page mode + TOF and Cut	0		0	0	
DLE ENQ	Real-time request to printer	0		0	0	
GS FF	Move to BM detection position	0		0	0	
GS (F	Adjust BM detection position		0	0	0	0
GS (M n=1	Save black mark adjustment amount	0		0	0	
GS (M n=2	Load black mark adjustment amount	0		0	0	
GS (M n=3	Set auto-load of black mark adjustment amount		0	0	0	
GS <	Mechanically initialize printer	0		0	0	
GS V	Cut paper	0		(L)	0	0

STAR Original Commands

Commands	Name		Command Class		Page	GS P
		Exe.	Set.	woue	wode	Ellect
ESC GS =	Write data to a blank code page		0	0	0	
ESC GS t	Select character code table		0	0	0	
ESC GS #m	Memory Switch Settings	0	0	0	0	
ESC SYN 0	Execute presenter paper recovery	0		0	0	
ESC SYN 1	Set presenter paper recovery time		0	0	0	
ESC SYN 3	Get presenter counter		0	0	0	
ESC SYN 4	Initialize presenter counter		0	0	0	

STAR Original Mark Commands

Commands	Name		Command Class		Page Mode	GS P Effect
		Exe.	Set.	Mode	Mode	LIIECI
ESC GS * 0	Print mark	0		(D)	lgnore d	
ESC GS *1	Set mark height and line feed		0	0	0	
ESC GS *2	Set mark color and horizontal width		0	0	0	
ESC GS *W	Register mark format to non-volatile memory	0	0	0	0	
ESC GS *C	Initialize mark format in the non-volatile memory	0	0	0	0	

STAR Original Auto Logo Commands

Commands	Name		Command Class		Page Mode	GS P
			Set.	woue	woue	Ellect
ESC GS /W	Register Auto Logo setting to non-volatile memory	0	0	0	0	
ESC GS /C	Initialize Auto Logo setting to non-volatile memory	0	0	0	0	
ESC GS /1	Auto Logo function on/off setting		0	0	0	
ESC GS /2	Set command character		0	0	0	
ESC GS /3	Set user macro 1		0	0	0	
ESC GS /4	Set user macro 2		0	0	0	
ESC GS /5	Set command character switching method		0	0	0	
ESC GS /6	Set partial cut before Auto Logo printing		0	0	0	

4. COMMAND DETAILS

4-1 Explanation of Terms

Reception buffer

The buffer for storing data (reception data) received from the host, as it is called the reception buffer. Reception data is temporarily stored in the reception buffer, then processed sequentially.

Print buffer

The buffer for storing image data for printing is called the print buffer.

Print buffer full

The state in which the buffer has no more space available is called print buffer full. When the print buffer is full in standard mode, data in the print buffer is printed and a line feed is performed when new print data is processed. This is the same as a LF. When the print buffer is full in the page mode, the printer move the print position to the head of the next line then starts with the new print data.

Top of line

The top of line is a state that satisfies the following conditions.

- 1. There is currently no print data in the print buffer.
- 2. There is no skipped portion using HT
- 3. A print position has not been specified using ESC\$, and ESC \

Printable region

This is the maximum printable area with the printer's specifications.

Print region

This is the printing area specified by a command. (Print region \leq printable region)

• ANK character base line

1. Normal direction characters FONT-A/FONT-B (Standard Mode/Page Mode)



Chinese character base line

1. Normal direction character (Standard Mode/Page Mode)



2. Rotated characters (Standard Mode)



4-2 Exception Processing

1. Undefined codes

Codes from <00>H to <1F>H are targeted. When codes not defined as commands in this region are received, they are discarded.

- (Ex.) If processing the data string of <30>H<31>H<03>H<32>H<0A>H<33>H, the printer will discard <03>H as an undefined code.
- 2. Undefined commands When data continuing the codes of ESC, FS, GS, DLE are codes not defined as commands, ESC, FS,GS and subsequent codes are discarded.
- (Ex.) If processing the data string of <30>H<1B>H<22>H<31>H<32>H, the printer will read and discard <1B>H<22>H as an undefined command.
- 3. Settings outside of the defined area Processing values outside of the defined area in commands accompanying arguments, those commands are ignored and the preset values are unchanged. The processing of commands is terminated at the point values outside of the defined region are processed in arguments having a plurality of commands.
- (Ex.) If processing the data string of <1B>H<52>H<15>H, the printer will discard the data string of <1B>H<52>H<15>H because although <1B>H<52>H is defined as a commands (ESC R), the argument <15>H is outside of the definition. Therefore, the international character set that is already set experiences no change.
- 4. Real-time Commands Real-time commands are stored in the reception buffer.

4-3 Command Details

4-3-1 Standard Commands

<u>HT</u>

Name	orizontal tab					
Code	SCII HT					
	ex. 09					
	ecimal 9					
Function	oves print position to next horizontal tab position.					
Details	This command is ignored if the next tab is not set.					
	f the next tab position exceeds the print region, the print position is moved to [print region + 1].					
	 The horizontal tab position is set by ESC D (Set/cancel horizontal tab position). 					
	 When the print position is at the [print region + 1] position and this command is received, the current line buffer full is printed and a horizontal tab is executed from the top of the next line. 					
	۲he initial value of the horizontal tab position is every 8 characters of Font A (the 9 th , 17 th , 25 th positions, etc.)					
Reference	SC D					

<u>LF</u>		
Name	Line feed	
Code	ASCII	LF
	Hex.	0A
	Decimal	10
Function	Prints the da	ata in the print buffer and performs a line feed based on the set line feed amount.
Details	After execut	ion, makes the top of the line the next print starting position.
STAR	When the se	etting for the line feed amount is smaller than the print data height:
	a. If there is	no print data, a line feed operation is executed according to the line feed amount.
	b. If there is	print data, a line feed operation is executed for the height of the print data.
Reference	See ESC2, I	ESC3, Appendix-1

ESC/POS Command Specifications

<u>FF</u>									
Name	Print and recover to page mode								
Code	ASCII	ASCII FF							
	Hex.	0C							
	Decimal	12							
Function	Prints all buf	fered data to the print region collectively, then recovers to the standard mode.							
Details	• All buffer da	ata is deleted after printing.							
	The print a	rea set by ESC W (Set print region in page mode) is reset to the default setting.							
	• No paper c	ut is executed.							
	Sets the pr	 Sets the print position to the beginning of the next line after execution. 							
	This comm	and is enabled only in page mode.							
Reference	ESC FF, ESC L, ESC S								

CR								
Name	Print and carriage return							
Code	ASCII CR							
	Hex. 0D							
	Decimal 13							
Function	• When an automatic line feed is enabled, this command functions in the same way as LF (print and line feed). When the automatic line feed is disabled, this command is ignored.							
Details	 This command is ignored with serial interface models. 							
	 The operations of this command are selected by the memory switch <cr> code: Ignore/same as <lf> for parallel interface models.</lf></cr> 							
	 Sets the print position to the beginning of the next line after execution. 							
Reference	LF							

CAN								
Name	Cancel print data in page mode							
Code	ASCII CAN							
	Hex. 18							
	Decimal 24							
Function	Deletes all print data in the currently set print region in page mode.							
Details	 This command is enabled only in page mode. 							
	• Portions included in the currently set print region are also deleted, even if previously set print region data.							
Reference	ESC L, ESC W							

DLE EOT n

Name	F	Real-time status transmission										
Code	1	ASCII	DLE	EOT	n							
	ł	Hex.	10	04	n							
	[Decimal	16	4	n							
Defined I	Region	1. Specific	cations	1 <u>≤</u> n <u>≤</u>	<u>4</u>							
		2. Specific	Specifications $1 \le n \le 5$									
Function	-	Transmits the status specified by n in real-time.										
	r	n = 1: Transmit printer status										
	r	n = 2: Tra	nsmit c	offline c	ause st	atus						
	r	n = 3: Tra	nsmit e	error ca	use sta	tus						
	r	n = 4: Tra	nsmit c	ontinuo	ous pap	er detector status						
	r	n = 5: Tra	nsmit p	resent	er pape	r detector status						
Details	•	• The print	er tran	smits t	he pres	ent status.						
	•	 Each sta 	tus is r	eprese	nted by	one-byte of data.						
	•	• The printer transmits statuses without confirming whether the host computer can receive data.										
	•	• This command is executed even when the printer is offline, the reception buffer is full, or there is an error status.										
	•	• The print	er exe	cutes tl	nis com	mand upon reception.						
	•	 This command is executed even when the printer is offline, the reception buffer is full, or there is a error status on serial interface models. 										
	·	• This command cannot be executed when the printer is busy on parallel interface models. The printer will not enter a BUSY status when offline or when there is an error when BUSY condition of reception buffer full, offline/reception buffer full is handled as a reception buffer full in the DIP switch settings.										
	•	• When A status tra details o	SB is e ansmitt n how f	enablec ed by t to ident	t using his com ify.	the GS a (Enable/disable auto status transmission) command, the mand and the ASB status must be differentiated. See Appendix-2 for						
	•	This con	nmand al devid	is ena æs).	abled ev	ven when the printer specification is disabled by ESC = (select						
	•	See App	endix-2	2 for de	tails on	statuses.						
Notes:	• Operators must use caution for other commands when the data string of <10>H<04>H< <i>n</i> > (1 $\leq n \leq$ 4) is received because it operates in the same manner as this command. Example: In ESC * m nL nH [d1dk], d1 = <10>H, d2 = <04>H, d3 = <01>H											
	• Do not u codes.	ise this c	omma	nd to i	nterrup	t code strings of other commands that consist of 2 or more						
	Example: If you attempt to transmit DLE EOT 3 up to transmitting ESC3 by trying to transmit ESC from the host, it is processed as ESC 3 <10>H. Operators must use caution.											

Reference DLE ENQ, GS a, GS r, Appendix-2

<u>DLE ENQ n</u>

Name		Real-time	e reques	st to pri	nter				
Code		ASCII	DLE	ENQ	n				
		Hex.	10	05	n				
		Decimal	16	5	n				
Defined I	Region	1 <u>≤</u> n <u>≤</u> 2							
Function		Respond	s to req	uests r	n specifi	ications from the host in real-time. n specifications are below.			
		n = 1: Re	cover fr	om the	error a	and start printing from the line where the error occurred.			
n = 2: Recover from error after clearing the reception buffer and print buffer.									
Details	 This command is enabled even when the printer specification is disabled by ESC = (sele peripheral devices). 								
		This cor	nmand	is enat	oled onl	y when an auto-cutter error occurs.			
		This cor	nmand	is proc	essed ι	upon reception.			
		This cor error sta	nmand atus on	is exec serial ir	uted ev	ven when the printer is offline, the reception buffer is full, or there is an e models.			
 This command cannot be executed when the printer is busy on parallel interface models. printer will not enter a BUSY status when offline or when there is an error when BUSY condit reception buffer full, offline/reception buffer full is handled as a reception buffer full in the DIP s settings. 									
		 The prin when DI 	ter reta _E ENG	iins the 2 is ex	e setting (ecuted	s by ESC !, ESC 3, that were in effect when an error occurred even . The printer is initialized completely using this command and ESC @.			
Notes:	 Operat is receiv 	ors must ed becau	use ca se it op	ution for	or othe in the	r commands when the data string of <10>H<05>H< n > (1 \leq n \leq 2) same manner as this command.			
	Example	: In ESC [•]	* m n∟⊧	пн [d]k	; d1 = <	<10>H; d2 = <05>H; d3 = <01>H			
	• Do not codes.	use this o	comma	nd to i	nterrup	ot code strings of other commands that consist of 2 or more			
	Example from the	e: If you at host, it is	ttempt s proce	to tran ssed a	smit D Is ESC	LE EBQ 2 up to transmitting ESC3 by trying to transmit ESC 3 n 3 10H. Operators must use caution.			
STAR	 Auto-cutter error specifications vary according to model, so for models for which then non-recoverable auto-cutter errors, three byes of this command are ig See Appendix-2 for details on auto-cutter error specifications for model types. 								
 The black mark error is canceled and the printer feeds paper to the top of form position (b position) when this command is received during a black mark error. Paper is cut accord memory switch setting (paper position, cover close setting). 									
		• Models	connec	ted to a	a prese	nter ignore this command.			
		• When th	nis com	mand is	s set to	n = 2, the printer is reset.			
Referenc	e	DLE EOT	, Appe	ndix-2					

DLE DC4 n m t

Name		Real-time output of specified pulse												
Code		ASCII	DLE	DC4	n	m	t							
		Hex.	10	14	n	m	t							
		Decimal	16	20	n	m	t							
Defined F	Region	n = 1												
		m = 0,1												
		1 <u>≤</u> t <u>≤</u> 8												
Function		This outputs a signal specified by t to the connector pin specified by m.												
		m = 0: #2	n = 0: #2 Pin of the drawer kick connector											
		m = 1: #5	Pin of	the draw	er kick	conne	ector							
		On time is	set to	t x 100 r	nsec; (Off tim	e is set	to t x 10	0 msec.					
Details		This com	mand	is ignore	d if the	e printe	er expei	iences a	an error	while p	ocessin	g this co	ommar	ıd.
		 This command is ignored while outputting the pulse (while executing either ESCp or DEL DC4) to the connector pin while processing this command. 												
		This com	mand	is proce	ssed u	pon re	ception							
		 This command is executed even when the printer is offline, the reception buffer is full, or there is an error status on serial interface models. 								ere is an				
		 This command cannot be executed when the printer is busy on parallel interface models. The printer will not enter a BUSY status when offline or when there is an error when BUSY condition o reception buffer full, offline/reception buffer full is handled as a reception buffer full in the DIP switch settings. 								els. The Idition of IP switch				
	 This command is enabled even when the printer specification is disabled by ESC = peripheral devices). 								(select					
Notes:	 Operator comman 	ors must u d is receiv	ise ca /ed be	ution for cause it	r other opera	r comr ates in	nands the sa	when a o me man	data str ner as f	ring tha this co	t is the nmand.	same a	as this	
	• Do not codes.	use this c	omma	nd to in	terrup	t code	string	s of othe	er comr	nands	that cor	isist of	2 or m	iore
STAR		Printing and drawer drive cannot be performed simultaneously. Therefore, this command is processed when data has been read out from the data buffer. If the printer is printing, this waits for the printing to and to drive the drawer, so real time appreciate is not possible using the recention												

the printing to end to drive the drawer, so real-time operation is not possible using the reception buffer status.

ESC p Reference

ESC FF										
Name	Print data in page mode									
Code	ASCII	ESC	FF							
	Hex.	1B	0C							
	Decimal	27	12							
Function	Prints all b	uffered	data in	the print	area co	ollectively	in page mo	ode.		
Details	This com	mand is	enable	d only ir	n page m	node.				
	 Holds the 	e followir	ng infori	mation a	ifter prin	ting.				
	a. Expanded data									
	b. Character print direction selection in page mode (ESCT)									
c. Set print region (ESCW) in the page mode.										
	d. Charact	er expa	r expansion position							
Reference	FF, ESCL, ESCS									

<u>ESC SP n</u>

Name	Set character right space amount									
Code	ASCII	ESC	SP	n						
	Hex.	1B	20	n						
	Decimal	27	32	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 255	5								
Initial Value	n = 0									
Function	Sets the right space amount for the character to [n x basic calculated pitch].									
Details	 If the char enlarged a 	If the character horizontal direction magnification ratio is more than 2, the right space amount is also enlarged accordingly.								
	This command does not affect Chinese characters.									
	Right spa	ce amo	unts can	be set independently for both the standard and page modes.						
	The basic space am	calcula ount, it	ated pitcl is not af	h is set by GSP (Set basic calculated pitch). Also, after setting the right fected even if the basic calculated pitch is changed.						
	 If the calc is discard 	ulation ı ed.	results in	fractions, the pitch is corrected to a minimal mechanical pitch and the rest						
	• In standa	rd mode	e, the ba	sic calculated pitch (x) for the horizontal direction is used.						
	• In page m	node, th	e basic o	calculated pitch that is used according to the starting point varies.						
	a. When the starting point is specified to be upper left or lower right by the ESC T com (Character print direction selection in page mode), the basic calculated pitch (x) for the horiz direction is used.									
	b. When the starting point is specified to be upper right or lower left by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (y) for the horizontal direction is used.									
	• The maxi 255/180 ii	mum va nch). S	alue that pecificat	can be set for the right space amount is approximately 35.983 mm (or tions that exceed the maximum value are rounded off to that value.						
Reference	GSP									

ESC ! n

Name	Batch spe	Batch specify print mode				
Code	ASCII	ESC	!	n		
	Hex.	1B	21	n		
	Decimal	27	33	n		
Defined Region	0 <u>≤</u> n <u>≤</u> 25	55				
Initial Value	n = 0					
Function	Specifies batch print mode					
	D '					

Bit	Function	"0"	"1"
7	Underline	OFF	ON
6	Undefined		
5	Double wide expanded	OFF	ON
4	Double tall expanded	OFF	ON
3	Emphasized printing .	OFF	ON
2	Undefined		
1	Undefined		
0	Character Fonts	Font-A	Font-B

Details

- Quadruple-size characters are printed by specifying both double-tall (bit 4 = 1) and double-wide (bit 5 = 1) modes.
 - An underline is applied to the entire character width, including the ESC SP (character right space amount). However, underlines are not applied to portions that have been skipped using HT (horizontal tab) or ESC V (character 90 degree rotation).
 - The thickness of the underline is set by ESC (specify/cancel underlines) regardless of the character.
 - The base line for characters is the same when there are characters having different vertical direction ratios in the same line.
 - The setting of the last received command is effective even when emphasized printing is executed by the ESC E (specify/cancel emphasized printing) command.
 - The setting of the last received command is effective even when underlines are executed by the (ESC -) Specify/cancel underline command.
 - The setting of the last received command is effective even when character size is executed by the GS! command.
 - Emphasized printing (bit 3) is effective for ANK and Chinese characters. Other printing modes are
 effective only on ANK characters.
 Specifications using this command are ignored in HRI
 characters.

STAR The following are the font configurations on STAR printers.

Character Fonts	Horizontal Dots x Vertical Dots
Font A	12 x 24 Dots
Font B	9 x 24 Dots
Chinese Character Fonts	24 x 24 Dots

Reference ESC_, ESC E, GS !
ESC \$ nL nH

Name Specify absolute position

Code	ASCII	ESC	\$	nL	nH									
	Hex.	1B	24	nL	nH									
	Decimal	27	36	nL	nH									
Defined Region	0 <u>≤</u> nL <u>≤</u> 255													
	0 <u>≤</u> nH <u>≤</u> 2	0 <u>≤</u> nH <u>≤</u> 255												
Function	Specifie position calculate	Specifies the next printing starting position using an absolute position based on the left margin position. The next printing starting position is the position specified by [(nL+nH×256) × basic calculated pitch] from the left margin position.												
Details	 Specific 	Specifications exceeding the print range are ignored.												
	 The basic calculated pitch is set by GSP (Set basic calculated pitch). 													
	 If the cal is discar 	• If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded.												
	• In standard mode, the basic calculated pitch (x) for the horizontal direction is used.													
	 In page mode, the basic calculated pitch that is used according to the starting point varies. 													
	a. When (Charac directior	a. When the starting point is specified to be upper left or lower right by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (x) for the horizontal direction is used.												
	b. When (Charac directior	the star ter print is used.	ting po directio	oint is on sele	specified to be upper right or lower left by the ESC T command ection in page mode), the basic calculated pitch (y) for the horizontal									
STAR	Top of lipposition.	ne does The top d.	not exi of the	st whe line is	en this command is used to specify anything other than the left margin s maintained only when the same position as the left margin position is									
Reference	ESCG	S \$, GS	\ , GS	Р										

<u>ESC % n</u>

Name	Specify/cancel download character set									
Code	ASCII	ESC	%	n						
	Hex.	1B	25	n						
	Decimal	27	37	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 258	0 <u>≤</u> n <u>≤</u> 255								
Initial Value	n = 0	n = 0								
Function	Specifies or cancels the download character set.									
	• When $n = <^{******}0>B$, the download character set is cancelled.									
	• When n = <******1>B, the download character set is specified.									
Details	 n is effect 	tive only	when it	is the least significant bit.						
	• When the download character set is cancelled, the internal character set is automatically specified.									
STAR	Because ESC& (define download characters) and GS* (define download bit images) are used in the same region, they cannot both be defined simultaneously.									
	a. When de	ownload	charact	ers are defined, previously defined download bit images are cleared.						
	b. Conver- cleared a	sely, whe	en dowr efinition	nload bit images are defined, previously defined download characters are returns to same the internal character set.						
Reference	ESC &, ES	C ?								

ESC& yc1c2 [x1d1...d (y x x1)] ... [axd1...d (yxax)]

Name	Define do	wnload ch	aracte	rs								
Code	ASCII	ESC	&	у	c1c2 [x1 d1 d (yX x	(1)] [a xd1	d (y× ax))]				
	Hex.	1B	26	у	c1c2 [x1 d1 d (yX x	(1)] [a xd 1	d (y×ax))]				
	Decimal	27	38	у	c1c2 [x1 d1 d (yX x	(1)] [a xd 1	d (y×ax))]				
Defined Region	v=3											
-	32 ≤ c1 ≤	c2 ≤ 126										
	$0 \le x \le 12$	(Font A).	0 ≤ x ≤	≤9 (Fo	ont B)							
	0 < d1 d	(vxax) <	255	(
Initial Value	$S_{2} = (1, \dots, (y_{1}, y_{2})) = 200$											
Function	Defines 1	the downle	bad ch	aracte	ers to the specified cha	racter code.						
	• y specifie	es the nur	nber of	f bytes	s in the vertical directio	n.						
	• c1 specifies the starting character code for the definition; c2 specifies the final character code.											
	• x specifie	es the nur	nber of	f dots	in the horizontal direct	ion for the de	finition.					
Details	 The defination 	hable cha	acter o	code r	ange is from ASCII co	de <20>H to	<7E>H.					
	 It is possible to define multiple characters for consecutive character codes with one definition. If only one character is desired, use c1 = c2. 											
	 •d is the dot data for the characters. It indicates the horizontal direction x dot pattern from the lef If x does not meet the number of dots configuring the character, any remaining dots on the right are blank 						tern from the left side. dots on the right side					
	The data	to define	downl	oad cl	haracters is (y x x) byte	es.						
	 Bits that printed a 	correspor	nd to th e defini	ne dot tion d	s to print are 1, and the ata.	e bits that co	rrespond to	the dots that are not				
	This com	mand can o	lefine d	lifferen	t download characters for	r each font. To	select a fon	t, use ESC M or ESC !.				
	• ESC & (o simultan	define dow eously.	nload	chara	cters) and GS * (define	download bi	t images) ca	annot both be defined				
	a. When c	a. When download characters are defined, previously defined download bit images are cleared.										
	b. Conversely, when download bit images are defined, previously defined download characters are cleared and the definition returns to same the internal character set.											
	 Defined download characters are cleared under the following executions. 											
	a. When t	he printer	is initia	alized	(ESC@)							
	b. When c	lownload	bit ima	ges a	re defined (GS*)							
	c. When d	lownload	charac	ters a	re deleted (ESC?)							
	d. When N	NV bit ima	ges are	e defir	ned (FSq)							
OTAD	e. When t	he printer	power	is tur	ned off							
STAR		gurations	and re	gions	for effective paramete	rs on STAR	orinters					
	Characte	er Fonts	Hori	zonta	Dots x Vertical Dots	у	X	Data Count				
	Font A		12 x	24 Do	OIS ts	3	12 9	36 Dytes 27 bytes				
Reference	ESC% E	SC?	10.72			0	5	21 09100				
	, L											





When Font B (9 x 24) is selected

ESC * m nL nH d1...dk

Name	Specify bit image mode												
Code	ASCII		ESC	*	m	nL	nHd1	.dk					
	Hex.		1B	2A	m	nL	nHd1	.dk					
	Decim	nal	27	42	m	nl	nHd1	dk					
Defined Degion	- 0	1 22		12				.un					
Delineu Region													
	0 <u>≤</u> nL <u>≤</u> 255												
	0 <u>≤</u> nH <u>≤</u> 3												
	0 <u>≤</u> d <u>≤</u> 255												
Function	Selects a bit-image mode in mode <i>m</i> for the number of dots specified by <i>nL</i> and <i>nH</i> .												
	m	Moo	de			Numbe Vert. D	r of ir. Dots	Number of Hor. Dir. Dots	Density of Hor. Dir. Dots	Data Count (k)			
	0	0 8-dot single density				8		60 DPI	90 DPI	nL+nH×256			
	1	1 8-dot double density				8		60 DPI	180 DPI	nL+nH×256			
	32 24-dot single density			/	24		180 DPI	90 DPI	(nL+nH×256) ×3				
	33	24-	dot doub	le densit	y	24		180 DPI	180 DPI	(nL+nH×256) ×3			
Details	 If the data. nL ar of do 	e vali nd n∺ ots is	ue of m i indicati calcula	e the nu	of th mbe n∟ +	е speci er of dot nн x25	fied rang s in the b 6).	ge, n∟ and subse it image in the ho	quent data are p rizontal directior	to print. The number			
	• If the bit-image data input exceeds the number of dots that can be printed on one line, the excess data is discarded.												
	• d inc	dicate espor	es the t nd to the	oit-image e dots th	e da nat a	ata. Bits are not p	that co printed a	rrespond to the re 0.	dots to print are	1, and the bits that			
	 After processing bit images, the printer returns to normal data processing. 												
	• Excluding upside-down printing, print modes (emphasized printing, double printing, underlines, character sizes and black/white inverted printing) are unaffected.												
	• For details on the bit image expansion position in the page mode, see section 2. Explanations of the Page Mode.												
STAR	• Dot o	dens	ity (whe	n the S	TAR	printer	head = 2	203 DPI) on STA	R printers.				
	m	Мо	de			Densit	v of Vert	. Direction Dots	Density of H	or. Direction Dots			
	0	8-d	ot sinale	densitv		67 DP			101 DPI				
	1	8-d	ot double	e density		67 DP			203DPI				

• Fonts A and B and Chinese characters can be used together.

203DPI

203DPI

101 DPI

203DPI

24-dot single density

24-dot double density

32

33

< 8-dot single density >



< 8-dot double density >



< 24-dot single density >



< 24-dot double density >



<u>ESC - n</u>

Name	Specify/ca	Specify/cancels underline mode								
Code	ASCII	ESC	_	n						
	Hex.	1B	2D	n						
	Decimal	27	45	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 2,	0 <u>≤</u> n <u>≤</u> 2, 48 <u>≤</u> n <u>≤</u> 50								
Initial Value	n = 0									
Function	Specifies	or cance	els unde	erlines.						
	n 0, 48 1, 49 2, 50	Function Cancel Sets to Sets to	on Is under one-do two-do	rline ot width underline and specifies underlines. of width underline and specifies underlines.						
Details	 An underline is applied to the entire character width, including the ESC SP (character right space amount). However, underlines are not applied to portions that have been skipped using HT (horizontal tab) or ESC V (character 90 degree rotation). 									
	 Underlines are not applied to ESCV (characters rotated 90 degrees clockwise) or GSB (black/white inverted characters). 									
	When ur underline	derline ed, and t	mode is he unde	s cancelled by setting the value of $n = 0$ or $n = 48$, subsequent data is not erline thickness set before the mode is turned off is maintained.						
	The default underline thickness is 1 dot.									
	 Character size does not affect the set underline thickness. 									
	 Underline mode can also be turned on or off by using ESC ! (batch specify print mode). Note, however, that the last received command is effective. Therefore, if the underline mode is canceled using the ESC – command after specifying underlines using the ESC ! command, the ESC ! command is cancelled. 									
	This com	nmand d	oes not	affect Chinese characters.						
STAR	Underline	es are a	pplied to	o the following positions for both Font A and Font B.						
	• 1-dot thic	ckness u	nderline	$e \rightarrow 24^{th} dot$						
	• 2-dot this	ckness ι	Inderline	$e \rightarrow 23^{rd}$ and 24^{th} dot						
Reference	ESC !									

<u>ESC 2</u>								
Name	Set default line spacing							
Code	ASCII	ESC	2					
	Hex.	1B	32					
	Decimal	27	50					
Function	Sets line	feed am	iount pe	r one line to approxi	mately 4.23 mn	n (1/6 inch).		
Details	Line space	cing can	be set i	ndependently for bo	th the standard	and page modes.		
STAR	EPSON has models that have 180 DPI and 203 DPI print heads. STAR's print head is 203 Therefore, when targeting models with the EPSON 180 DPI print head, it is necessary to correc line spacing that will generate from the difference in the head's print density.					d is 203 DPI. to correct the		
	In this case, the default line spacing on STAR printers is corrected to the following according to the basic calculated pitch correction on the DIP switches. This does not apply for target models that have 203 DPI print heads, or models that do not require correction.							
	DIP Swite	ch Basic	Calcula	ate Pitch Correction	Defau	ult Line Spacing]	
		203 D	PI (Defa	ault)	Approximate	Approximately 4.23 mm (1/6 inch)		
		180 D	PI		Approx	kimately 3.75 mm		
Reference	ESC 3							

<u>ESC 3 n</u>

Name	Set line fee	d amou	nt							
Code	ASCII	ESC	3	n						
	Hex.	1B	33	n						
	Decimal	27	51	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 255									
Initial Value	Line feed a	mount e	quivale	nt to approximately 4.23 mm (1/6 inch).						
Function	Sets the lin	e space	for one	line to [n x basic calculated pitch].						
Details	• Line space	ing can	be set ir	ndependently for both the standard and page modes.						
	• The basic calculated pitch is set by GSP (Set basic calculated pitch). Also, after setting the line space, it is not affected even if the basic calculated pitch is changed.									
 If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and is discarded. 										
	• In standar	d mode	, the ba	sic calculated pitch (y) for the vertical direction is used.						
	• In page m	ode, the	e basic c	calculated pitch that is used according to the starting point varies.						
	a. When the starting point is specified to be upper left or lower right by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (x) for the horizontal direction is used.									
	b. When the starting point is specified to be upper right or lower left by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (y) for the horizontal direction is used.									
	 The maximum Specificat 	mum va ions tha	lue that t exceed	can be set for the line space is approximately 1,016mm (or 40 inches). d the maximum value are rounded off to that value.						
Reference	ESC 2, GS	Ρ								

<u>ESC = n</u>

Name	Select pe	ripheral	device	
Code	ASCII	ESC	=	n
	Hex.	1B	3D	n
	Decimal	27	61	n
Defined Region	0 <u>≤</u> n <u>≤</u> 25	55		
Initial Value	n = 1			
Function	Selects th	e periph	ieral de	vice

Selects the peripheral device for which the data is effective from the host computer.

Bit	Function	"0"	"1"
7	Undefined		
6	Undefined		
5	Undefined		
4	Undefined		
3	Undefined		
2	Undefined		
1	Undefined		
0	Printer	Invalid	Valid

Details

 If the printer is selected to be invalid, the printer discards all data from the next data until the printer is made valid again by this command. (This excludes DLEEOT, DLEENQ, DLEDC4.)

STAR

• Even when the printer is not invalid, the printer specification of this command (n = 1) is processed.

<u>ESC ? n</u> Name Delete download characters Code ASCII ESC ? n Hex. 1B 3F n Decimal 27 63 n **Defined Region** 32 <u>≤</u> n <u>≤</u> 126 Function Deletes the download characters to the specified character code. Details • n specifies the character code to delete the defined pattern. After deleting, the printer prints the same pattern as the internal characters. • Deletes the specified code definition pattern of the character code selected by ESCM and ESC !. • This command is ignored when the specified character code is undefined. Reference ESC &, ESC %

<u>ESC @</u>								
Name	Initialize p	rinter						
Code	ASCII	ESC	@					
	Hex.	1B	40					
	Decimal	27	64					
Function	Clears dat	a from t	he print bu	Iffer and sets	s the printer	to its defa	ult settings.	
Details	 DIP switch settings are not reload. 							
	 Data in the reception buffer is maintained. 							
	 Macro definition information is maintained. 							
	 NV bit image definition information is maintained. 							
	• User NV	memory	/ data is m	aintained.				
	• When pa	ge mode	e is selecte	ed, this recov	vers to stan	dard mode) .	
STAR	The printe	r is initia	lized by th	nis command	l under the	following c	onditions.	
	 Selection 	of an e	ffective pa	per out dete	ctor for pap	er out sign	al output (E	SC c 3n)
	 Select an 	effectiv	ve paper o	ut detector fo	or printing s	top (ESC o	c 4n)	

ESC D n1 ... nk NUL

Name	Set horize	ontal tab	position								
Code	ASCII	ESC	D	n1nk	NUL						
	Hex.	1B	44	n1nk	NUL						
	Decimal	27	68	n1nk	NUL						
Defined Region	1 <u>≤</u> n <u>≤</u> 2	55									
	0 <u>≤</u> k <u>≤</u> 32	2									
Initial Value	• Every 8 0. (9 th	• Every 8 characters when using Font A (12 x 24) and the setting for the right spacing of characters is 0. (9 th column, 17 th column, 25 th column)									
Function	Sets horiz	zontal tal	o positio	n							
	 n specifies the column number for setting a horizontal tab position from the left margin or the beginning of the line. 										
	 k indicates the number of horizontal tab positions to be set. 										
Details	• The horizontal tab position is a value of from the left margin or the beginning of the line [n x character width].										
	Character width is the horizontal width including ESC SP (character right space). If the character horizontal direction magnification ratio is more than 2, the character width is also enlarged accordingly.										
	 This command cancels the previous set horizontal tab settings. 										
	• When horizontal tab position setting n = 8, the next print position is moved to column 9 by executing HT (horizontal tab).										
	• Up to 32 tab positions (k = 32) can be set. Subsequent data exceeding that is processed as normal data.										
	 <n> for specifying horizontal position settings is input in ascending order. It is quit using <00>H. If</n> <n> is less than or equal to the preceding value <n>, horizontal tab setting is completed and subsequent data is processed as normal data.</n></n> 										
	• ESC D I	NULL ca	ncels all	horizontal	tab positions.						
	 Previous after set 	sly speci tting the l	fied hori horizonta	zontal tab al tab posi	positions do not change, even if the character width changes tion.						
	The chai	racter wie	dth is sto	ored for sta	andard and page modes.						
STAR	• When u	sing Chir	nese cha	aracter mo	de, set for the pitch of the ANK fonts (Font-A and Font-B).						
	 If <n> exprint col</n> 	kceeds th umn cou	ne printal nt.	ble region,	set the horizontal tab position to the position +1 of the maximum						
Reference	HT										

<u>ESC E n</u>

Name	Specify/cancel emphasized characters								
Code	ASCII	ESC	Е	n					
	Hex.	1B	45	n					
	Decimal	27	69	n					
Defined Region	0 <u>≤</u> n <u>≤</u> 25) <u>≤</u> n <u>≤</u> 255							
Initial Value	n = 0								
Function	Specifies or cancels emphasized characters.								
	 Cancels emphasized characters when n = <******0>B. 								
	 Specifies emphasized characters when n = <******1>B. 								
Details	• n is effec	tive only	when it	is the lowest bit.					
	 The setting of the last received command is effective even when emphasized printing is executed by the ESC! (Batch specify print mode) command. 								
	 This command is enabled for ANK characters and Chinese characters. 								
Reference	ESC !								

<u>ESC G n</u>

Name	Specify/cancel double printing							
Code	ASCII	ESC	G	n				
	Hex.	1B	47	n				
	Decimal	27	71	n				
Defined Region	0 <u>≤</u> n <u>≤</u> 255							
Initial Value	n = 0							
Function	Specifies or cancels double printing.							
	 Cancels double printing when n = <******0>B. 							
	 Specifies double printing when n = <******1>B. 							
Details	n is effective only when it is the lowest bit.							
	 This printer is not capable of double printing, so the print is the same as when using emphasized printing. 							
	This com	mand is	enabled	for ANK characters and Chinese characters.				
Reference	ESC E							

<u>ESC J n</u>									
Name	Print and Paper Feed								
Code	ASCII	ESC	J	n					
	Hex.	1B	4A	n					
	Decimal	27	74	n					
Defined Region	0 <u>≤</u> n <u>≤</u> 25	5							
Function	Prints the data in the print buffer and feeds the paper [n x basic calculated pitch].								
Details	Sets the	print pos	sition to	o the b	eginning of the next line after execution.				
	 The line spacing amount set by the following commands is not affected. 								
	a. ESC 2 (Default line feed amount)								
	b. ESC 3 (Set line feed amount)								
	 The basic calculated pitch is set by GSP (Set basic calculated pitch). 								
	 If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded. 								
	 In standard mode, the basic calculated pitch (y) for the vertical direction is used. 								
	 In page mode, the basic calculated pitch that is used according to the starting point varies. 								
	a. When the starting point is specified to be upper left or lower right by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (x) for the horizontal direction is used.								
	b. When the starting point is specified to be upper right or lower left by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (y) for the horizontal direction is used.								
	 Paper is fed approximately 1016 mm if the [n x basic calculated pitch] exceeds approximately 1016 mm (40 inches). 								
STAR	When th	e setting	for the	e line f	eed amount is smaller than the print data height in standard mode:				
	a. If there is no print data, a line feed operation is executed according to the line feed amount.								
	b. If there	is print o	lata, a	line fe	ed operation is executed for the height of the print data.				
Reference	GS P								

<u>ESC L</u>

Name	Select page mode								
Code	ASCII	ESC	L						
	Hex.	1B	4C						
	Decimal	27	76						
Function	Switches f	itches from standard mode to page mode.							
Details	 Enabled only when input with the top of line. 								
	 Invalid when input by page mode. 								
	• Returns t	o standa	ard mode	after the following commands are issued.					
	a. FF (Prir	nt and re	ecover to	page mode)					
	b. ESC S (Select s	standard r	node)					
	 Character expansion position has the starting point specified by ESC T (Character print direction selection in page mode) in the printing region designated by the ESC W (Set print region in the page mode) command. 								
	 This command switches the settings for the following commands the values of which can be set independently in standard mode and page mode to those for page mode 								
	a. Set spa	ce amou	unt:	ESC SP, FS S					
	b. Set line feed amount: ESC 2, ESC 3								
	 The following commands are enabled only when in page mode. 								
	a. ESC V		:Specify/	cancel character 90 degree clockwise rotation					
	b. ESC a		:Position alignment						
	c. ESC {		:Specify/cancel upside-down printing						
	d. GS L		:Set left margin						
	e. GS W		:Set print region width						
	 The following command is ignored in page mode. 								
	a. GS (A		:Test print						
	The following commands are invalid in page mode.								
	a. FSp		:Print N∖	/ bit image					
	b. FSq		:Define N	NV bit image					
	c. FSg1		:Write da	ata to user NV memory					
	d. GSv0 :Print raster bit images								
	• Recover	to stand	ard mode	using ESC@ (initialize printer).					
Reference	FF, CAN, I	ESC FF	, ESC S, I	ESC T, ESC W, GS \$, GS \					
	See section 2. Explanations of the Page Mode for details.								

<u>ESC M n</u>

Name	Select character font				
Code	ASCII	ESC	М	n	
	Hex.	1B	4D	n	
	Decimal	27	77	n	
Defined Region	n = 0, 1, 48	3, 49			
Function	Selects cha	aracter	font.		
	n 0,48 1,49	Se Se	lects F lects F	Function Font A (12 x 24). Font B (9 x 17).	
Details	 It is possible to select the character font using ESC! (Batch specify Chinese character print mode), but the last command received is effective. 				
STAR	The follow	ving are	the fo	ont configurations on STA	AR printers.
	Character Fonts Font A Font B			Horizontal Dots x Vertic 12 x 24 Dots 9 x 24 Dots	ical Dots
Reference	ESC !				

<u>ESC R n</u>

Name	Select inte	rnationa	al chara	acters
Code	ASCII	ESC	R	n
	Hex.	1B	52	n
	Decimal	27	82	n
Defined Region	0 <u>≤</u> n <u>≤</u> 10			
Initial Value	n = 0			
Function	Selects the	e charac	cter set	for the country listed below.

n	Country
0	America
1	France
2	Germany
3	UK
4	Denmark I
5	Sweden
6	Italy
7	Spain I
8	Japan
9	Norway
10	Denmark II
11	Spain II
12	Latin America
13	Korea

ESC S								
Name	Select standard mode							
Code ASCII ESC		SC	S					
	Hex.	1B	53					
	Decimal	27	83					
Function	Switches from page mode to standard mode.							
Details	 Valid only when input by page mode. 							
	All buffer data in page mode is deleted.							
	Sets the prin	nt pos	ition to the beginning of the next line after execution.					
	• The print area set by ESCW (Set print region in page mode) is reset to the default setting.							
	• This command switches the settings for the following commands the values of which can be set independently in standard mode and page mode to those for standard mode							
	a. ESC SP		:Set character right space amount					
	b. FS S		:Set Chinese character space amount					
	c. ESC 2		:Set default line spacing					
	d. ESC 3		:Set line feed amount					
	 The following commands are effective only when in standard mode. 							
	a. ESC W		:Set print region in page mode					
	b. ESC T		:Select character print direction in page mode					
	 The following commands are ignored in standard mode. 							
	a. GS S		:Specify absolute position for character vertical direction in page mode					
	b. GS \: :Specify relative position for character vertical direction in page mode							
	• Standard mode is selected when the power is turned on, the printer is reset or initialized (ESC @).							
Reference	FF, ESC FF, ESC L							

<u>ESC T n</u>

Select char	racter p	orint dire	ection	n page mode	
ASCII	ESC	Т	n		
Hex.	1B	54	n		
Decimal	27	84	n		
0 <u>≤</u> n <u>≤</u> 3, 48 <u>≤</u> n <u>≤</u> 51					
n = 0					
Selects the	charad	cter prir	nting d	rection and starting point in page mode.	
	Select chai ASCII Hex. Decimal $0 \le n \le 3, 4$ n = 0 Selects the	Select character p ASCII ESC Hex. 1B Decimal 27 $0 \le n \le 3, 48 \le n \le$ n = 0 Selects the character	Select character print dire ASCII ESC T Hex. 1B 54 Decimal 27 84 $0 \le n \le 3, 48 \le n \le 51$ n = 0 Selects the character print	Select character print direction is ASCII ESC T n Hex. 1B 54 n Decimal 27 84 n $0 \le n \le 3, 48 \le n \le 51$ n = 0 Selects the character printing direction is	

n	Print Direction	Starting Point
0, 48	Left to Right	Upper Left (A in the figure below)
1, 49	Bottom to Top	Lower Left (B in the figure below)
2, 50	Right to Left	Lower Right (C in the figure below)
3, 51	Top to Bottom	Upper Right (D in the figure below)



Details

• Executes only a printer internal flag operation when this command is input in standard mode.

The command does not affect printing in standard mode.

- The character expansion starting point is in the print region specified by ESC W (Set print region in page mode).
- The basic calculated pitch (x or y) used with the following commands differs according to the starting point.
- a. If the starting point is upper left or lower right (feeds paper and expands characters in the vertical direction)

Commands using x	:ESC SP, ESC \$, ESC FS S
------------------	----------------------------

Commands using y	:ESC 3, ESC J, GS \$, GS \
------------------	----------------------------

b. If the starting point is upper right or lower left

Commands using x	:ESC 3, ESC J, GS $, GS $
Commands using y	:ESC SP, ESC \$, ESC FS S

Reference ESC \$, ESC L, ESC W, ESC \, GS \$, GS P, GS \

<u>ESC V n</u>

Name	Specify/ca	ancel cha	aracter	90 deg	gree clockwise rotation
Code	ASCII	ESC	V	n	
	Hex.	1B	56	n	
	Decimal	27	86	n	
Defined Region	0 <u>≤</u> n <u>≤</u> 1,	48 <u>≤</u> n <u>≤</u>	49		
Initial Value	n = 0				
Function	Specifies	or cance	els chai	acter 9	00 degree clockwise rotation.

n	Function
0, 48	Cancels 90 degree clockwise rotation
1, 49	Specifies 90 degree clockwise rotation

Details

- Underlines are not applied to characters rotated 90 degrees clockwise even when ESC !, ESC or FS commands are given.
 - If 90 degree clockwise rotation is specified, double-wide and double-tall commands in the 90 rotation mode enlarges characters in the opposite directions to double-wide and double-tall commands.
 - This command only affects printing in standard mode.
 - In page mode, this command is only effective for the setting.
 - This command is effective for ANK and Chinese characters.

STAR





ESC W xL xH yL yH dxL dxH dyL dyH

Name	Set print region in page mode										
Code	ASCII	ESC	W	xL	хH	уL	уH	dxL	dxH	dyL	dyH
	Hex.	1B	57	xL	хH	уL	уH	dxL	dxH	dyL	dyH
	Decimal	27	87	хL	хH	уL	уH	dxL	dxH	dyL	dyH
Defined Region	0 <u>≤</u> xL, xH	, yL, yH	, dxL, d	xH, dy	'L, dyH	l <u>≤</u> 255	5				
	However,	this exc	ludes d	xL = d	xH = 0	or dyl	_ = dy	H = 0			
Initial Value	xL = xH =	xL = xH = yL = yH = 0									
See Appendix-5 fo	or details relating to dxL, dxH, dyL, dyH.										
Function	Sets the p	rint regio	on posi	tion ar	nd size						
	Horizonta	al directi	on star	ting po	oint [(xl	L + xH	x 256	i) x ba	sic calo	culated	d pitch]
	Vertical	direction	starting	g point	t [(yL +	yH x 2	256) x	basic	calcula	ated p	itch]
	Horizonta	al directi	on leng	gth [(d>	(L + dx	(H x 25	56) ba	sic cal	culated	d pitch]
	Vertical	direction	length	= [(dy	L + dyl	H x 25	6) bas	sic calo	culated	pitch]	
Details	• In standard mode, the printer executes only internal flag operations with this command is input.										
	• If the horizontal direction starting point or vertical direction starting point is outside of the printable region, the command is stopped and normal printing commences from subsequent data.										
	• If the horizontal direction length or vertical direction length is 0, the command is stopped and normal printing commences from subsequent data.										
	 The chain direction 	racter ex (ESC T	xpansio) in pag	n star e mod	ting po le in th	oint is e print	the p regio	oint sp n.	pecified	l by s	electing the character printing
	 If (horizontal direction starting position + horizontal direction length) exceeds the printable region in the horizontal direction, the horizontal direction length is set to (horizontal direction printable region - horizontal direction starting point). 								exceeds the printable region in contal direction printable region		
	 If (vertical direction starting position + vertical direction length) exceeds the printable region in the vertical direction, the vertical direction length is set to (vertical direction printable region - vertical direction starting point). 								eds the printable region in the ction printable region - vertical		
	 The basis not change 	c calcula ged eve	ated pito n if the	ch is se basic	et by G calcula	SP (Se ated pit	et bas tch is	ic calc chang	ulated ed afte	pitch). r settii	Also, the set printing region is ng the print region.
	 If the calc is discard 	culation ded.	results i	in fract	tions, t	he pitc	h is co	orrecte	d to a r	ninima	al mechanical pitch and the rest
	The basic and the le pitch for	c calcula ength in the verti	ated pito the hor cal dire	ch (x) is izonta ction s	s used I direct starting	in the ion; ar point	calcul nd the and th	ated p basic ne leng	itch for calcula gth in th	the ho ited pir ne verf	prizontal direction starting point tch (y) is used in the calculated tical direction.
	 The print direction Dy. 	region starting	shown point is	in the s Y; the	figure e horiz	below ontal c	when lirectio	i the h on lenç	orizont gth is C	al dire)x; and	ection starting is X; the vertical I the vertical direction length is
	• See App	endix-5	for deta	ails on	print re	egions					



Reference

CAN, ESC L, ESC T, GSP, Appendix-5

ESC \ nL nH

Name	Specify re	elative po	osition							
Code	ASCII	ESC	١	nL	nH					
	Hex.	1B	5C	nL	nH					
	Decimal	27	92	nL	nH					
Defined Region	0 <u>≤</u> nL <u>≤</u> 2	255								
	0 <u>≤</u> nH <u>≤</u> 2	255								
Function	 Specifies sets the print state 	• Specifies the next print starting position with a relative position based on the current position. This sets the position from the current position to [(nL + nH x 256) x basic calculated pitch] for the next print starting position.								
Details	 Specifica 	ations ex	ceedir	ig the	print range are ignored.					
	 If the right direction of the current position is specified for the character direction, specify a positive number; if the left direction is specified, a negative number is used. 									
	Negative Ieft direct	e numbe tion n pi	rs is re tches,	presei use:	nted by the complement of 65536. For example, when moving in the					
	nL + nH ×	256 = 6	65536-N	N						
	• The bas	ic calcul	ated pi	tch is s	set by GSP (basic calculated pitch setting).					
	• If there a	are fracti	ons in	the res	sult, correct to the minimum mechanical pitch and discard.					
	• Use the basic calculated pitch (x) for the horizontal direction in standard mode.									
	 The following operations occur according to the starting point in page mode. 									
	a. If the starting point is set to upper left or lower right by the ESC T (Select character print direction in page mode) command, specify the relative position of the vertical direction in the paper feed. Use the basic calculated pitch (x) for the horizontal direction at this time.									
	b. If the starting point is set to upper right or lower left by the ESC T (Select character print direction in page mode) command, move the print position in the paper feed direction. Use the basic calculated pitch (y) for the horizontal direction at this time.									
Reference	ESC \$, G	SP								

ESC/POS Command Specifications

<u>ESC a n</u>

Name	Position alignment								
Code	ASCII	ESC	а	n					
	Hex.	1B	61	n					
	Decimal	27	97	n					
Defined Region	0 <u>≤</u> n <u>≤</u> 2, 4	48 <u>≤</u> n <u>≤</u>	50						
Initial Value	n = 0								
Function	Aligns all p	Aligns all print data in one line to a specified position							
	N	Pos	ition						

N	Position
0, 48	Left alignment
1, 49	Center
2, 50	Right alignment

Details

• This command is effective only when input at the top of the line when standard mode is being used.

- This command does has no affect in page mode. In page mode, this command is only effective for the setting.
- Specifies the alignment position in the printing region that has been set.
- Portions skipped using the following commands are also targeted for position alignment.
- a. HT : Horizontal tab
- b. ESC \$: Specify absolute position
- c. ESC \ : Specify relative position

[Ex.]

Left alignment	Center	Right alignment
ABC	ABC	ABC
ABCD	ABCD	ABCD
ABCDE	ABCDE	ABCDE

<u>ESC c 3 n</u>

Name	Select pap	er out s	ensor	to enat	ole at pap	per out s	ignal ou	ıtput			
Code	ASCII	ESC	с	3	n						
	Hex.	1B	63	33	n						
	Decimal	27	99	51	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 15										
Initial Value	(A) Specification: n = 12										
	(B) Specification: n = 0										
Function	Selects pa	per out	detecto	or that	outputs a	a paper o	out sign	al when	paper h	as run o	out.

2. Specifications

Bit	Function	"0"	"1"
7	Undefined		
6	Undefined		
5	Undefined		
4	Undefined		
3	Undefined		
2	Undefined		
1	Paper roll near end detector	Invalid	Valid
0	Paper roll near end detector	Invalid	Valid

Details

- It is possible to select a multiple of detectors for signal output at the same time. If any of the detectors detects the end of the paper, the paper end signal is output.
- This command is only effective when using a parallel interface. It is ignored when using a serial interface.
- The detector switches when this command is executed so there may be some delay from reception of this command until switching to the paper out signal, depending on the status of the reception buffer.
- If either bit 0 or bit 1 is set to 1, select the paper roll near end detector as the paper out detector for paper out signal output.
- If either bit 2 or bit 3 is set to 1, select the paper roll end detector as the paper out detector for paper out signal output.
- If all detectors are invalid, the paper out signal is constantly output as having paper.

<u>ESC c 4 n</u>

Name	Select pa	per out s	sensor	to enal	ble at p	printing stop
Code	ASCII	ESC	С	4	n	
	Hex.	1B	63	34	n	
	Decimal	27	99	52	n	
Defined Region	0 <u>≤</u> n <u>≤</u> 25	5				
Initial Value	n = 0					
Function	Selects th	e paper	out de	tector t	to stop	printing when paper has run out.
	Bit Fu	nction				"∩"

Bit	Function	"0"	"1"
7	Undefined		
6	Undefined		
5	Undefined		
4	Undefined		
3	Undefined		
2	Undefined		
1	Paper roll near end detector	Invalid	Valid
0	Paper roll near end detector	Invalid	Valid

Details

- To stop printing, the printer stops after printing the current line and feeding paper.
- The printer goes offline when printing is stopped.
- If either bit 0 or bit 1 is set to 1, select the paper roll near end detector as the paper out detector effective to stop printing.

<u>ESC c 5 n</u>

Name	Enable/disable panel switches										
Code	ASCII	ESC	с	5	n						
	Hex.	1B	63	35	n						
	Decimal	27	99	53	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 25	5									
Initial Value	n = 0										
Function	Toggles the panel switches between enabled and disabled.										
	 Enables panel switches when n = <******0>B. 										
	• Disables panel switches when n = <******1>B.										
Details	 n is effective only when it is the lowest bit. 										
	When disabled, all panel switches are disabled.										
	• The paper feed switch is enabled regardless of this command if waiting for the switch while executing a macro. However, there is no paper feed.										
STAR	 Switches are disabled even if the panel switches are enabled using this command for the following cases. 										
	a. When p	aper out	errors	occur							
	b. When c	over ope	en erro	rs occur	r						
	 Use the ESC @ command to reset the panel switches disabled using this command. 										

<u>ESC d n</u>

Name	Print and feed paper n lines											
Code	ASCII	ESC	d	n								
	Hex.	1B	64	n								
	Decimal	27	100	n								
Defined Region	0 <u>≤</u> n <u>≤</u> 2	55										
Function	Prints the data in the print buffer and performs a paper feed of n lines.											
Details	 Sets the print position to the beginning of the next line after printing. 											
	 Line fee 	 Line feeds set by the following commands are not affected. 										
	a. ESC 2	:	Set o	default line spacing								
	b. ESC 3	:	Set I	ine feed amount								
	• Paper is fed approximately 1016 mm (40 inches) if the [n x line feed amount] exceeds approximately 1016 mm (40 inches).											
STAR	• When the setting for the line feed amount is smaller than the print data height in standard mode:											
	a. If there is no print data, a line feed operation is executed according to the line feed amount.											
	b. If there	b. If there is print data, a line feed operation is executed for the height of the print data.										
Reference	ESC 2, E	SC 3										

ESC p m t1 t2

Name	Specify pulse											
Code	ASCII	ESC	р	m	t1	t2						
	Hex.	1B	70	m	t1	t2						
	Decimal	27	112	m	t1	t2						
Defined Region	0 <u>≤</u> m <u>≤</u> 1, 48 <u>≤</u> m <u>≤</u> 49											
	0 <u>≤</u> t1 <u>≤</u> 255											
	0 <u>≤</u> t2 <u>≤</u> 255											
Function	This outputs a signal specified by t1 and t2 to the connector pin specified by m.											

m	Connector Pin
0, 48	Drawer kick connector pin #2
1, 49	Drawer kick connector pin #5

Details

Drawer kick on time is set to $t1 \times 2$ ms; off time is set to $t2 \times 2$ ms.



When t1 > t2, the value of t2 is processed as t2 = t1.

Reference

DLE DC4

<u>ESC t n</u>

Name	Select character code table								
Code	ASCII	ESC	t	n					
	Hex.	1B	74	n					
	Decimal	27	116	n					
Defined Region	0 <u>≤</u> n <u>≤</u> 5,	n = 255	5						
Initial Value	n = 0								
Function	Select pag	Select page n of the character code table.							
n Character Type									

n	Character Type
0	PC437 (USA: Standard Europe)
1	Katakana
2	PC850(Multilingual)
3	PC860(Portuguese)
4	PC863(Canadian-French)
5	PC865(Nordic)
16	WPC1252
17	PC866 (Cyrillic #2)
18	PC852 (Latin2)
19	PC858
255	Blank page

Reference ESC GS t

<u>ESC { n</u>

Name	Specify/cancel upside-down printing										
Code	ASCII	ESC	{	n							
	Hex.	1B	7B	n							
	Decimal	27	123	n							
Defined Region	0 <u>≤</u> n <u>≤</u> 25	5									
Initial Value	n = 0										
Function	Specifies or cancels upside-down printing.										
	• Cancels upside-down printing when n = <******0>H.										
	• Specifies upside-down printing when n = <******1>H.										
Details	 n is effective only when it is the lowest bit. 										
	• This command is effective only when input at the top of the line when standard mode is being used.										
	• This command has no affect in page mode. In page mode, this command is only effective for the setting.										
	 Upside-down printing rotates line data 180 degrees. 										
STAR	The char are printe	acters t ed are n	hat are ot in rev	printeo verse.	d in upside-down printing are reversed, but the order of the lines that						

When upside-down printing is canceled

When upside-down printing is specified



Paper Feed Direction

• Upside-down printing is enabled for the following images.

- a. ESC* : Specify bit image mode
- b. GS /: Print download bit images
- c. FS P: Print NV bit image mode

<u>FS g 1 m a1 a2 a3 a4 nL nH d1 ... dk</u>

Name	Write data to user NV memory												
Code	ASCII	FS	g	1	m	a1	a2	a3	a4	nL	nH d1dk		
	Hex.	1C	67	31	m	a1	a2	a3	a4	nL	nH d1dk		
	Decimal	28	103	49	m	a1	a2	a3	a4	nL	nH d1dk		
Defined Region	m = 0												
	0 ≦ {a1+ (a2×256) + (a3 × 65536) + (a4×16777216) } ≦ 1023												
	1 ≦ {nL+ (nH×256) } ≦ 1024												
	32 <u>≤</u> d <u>≤</u> 255												
	k = {nL+ (nH×256) }												
Function	Stores data	in the	user N	V mem	ory.								
	• m is fixed at 0.												
	• a1, a2, a3 and a4 specify the data storage addresses {a1 + (a2 x 256) + (a3 x 65536) + (a4 x 16777216)}.												
	 nL and nH specify the storage data count in byes of {nL+ (nH x 256)}. 												
	• d specifies the stored data.												
Details	• The user NV memory is a storage region dedicated for character data that is ensured on a non-volatile memory.												
	This comm	and is	effectiv	ve only	wher	input	at the t	op of t	ne line	when	standard mode is being used.		
	When in page mode, this command is invalid.												
	• When processing this command while defining a macro, the macro definition is terminated and the command commences with processing.												
	• This command is ignored and subsequent data is processed as normal data if the argument (m), storage starting address (a1, a2, a3, a4), and the storage data count (nL, nH) are out of the definition, or if [{the storage starting address (a1, a2, a3, a4) + storage data count (nL, nH)} ≥ 1024.												
	• This command is completed when the storage data (d) out of the definition is processed, and subsequent data is processed as normal data. At this time, data that has already been processed is stored in memory.												
	The data storage process executes an overwrite.												
	Therefore, data that is already stored in the region is erased.												
	 A memory or gate array R/W error occurs when a writing error occurs. 												
	• Data in the user NV memory can be read using FS g 2 (Read user NV memory data).												
 User NV memory data is not initialized with the following. 													
	a. ESC@ :		Initialize printer										
	b. FS q: Define NV bit image												
	c. When the printer is reset or the power is turned off												

Notes: • There is the potential of damaging the non-volatile memory by overusing the command to write to that memory (FS g 1), so only use this command once a day to write to the non-volatile memory.

• The printer may enter a busy state while writing data to the non-volatile memory when using this command. While the printer is busy, the printer will stop receptions so data will not be received from the host (including real-time commands).

• STAR printers ignore this command. (It receives and discards the writing data of nL + nH x 256.)

Reference FS g 2
<u>FS g 2 m a1 a2 a3 a4 nL nH</u>

Name	Read user NV memory data										
Code	ASCII	FS	g	2	m	a1	a2	a3	a4	nL	nH
	Hex.	1C	67	32	m	a1	a2	a3	a4	nL	nH
	Decimal	28	103	50	m	a1	a2	a3	a4	nL	nH
Defined Region	m = 0										
	0 <u>≤</u> {a1+ (a	2×256) + (a3	×65536	6) + (a	4×167	77216))} <u>≤</u> 10	23		
	1 <u>≤</u> {nL+ (n	H×256	S)} <u>≤</u> 8	0							
Function	Sends the	data ir	the us	ser NV	memo	ry.					
	• m is fixed	at 0.									
	•a1, a2, a3 (a4×1677	3 and a 7216)}	a4 spe	cify the	data	sendir	ng start	ing ad	dresse	s {a1	+ (a2 x 256) + (a3 × 65536) +
	• nL and nH	H spec	ify the	transmi	ssino	data c	ount in	byes o	of {nL+	· (nH x	(256)}.
Details	 The user non-volation 	NV n	nemory nory.	is a s	storag	e regi	on dec	licated	for c	haract	er data that is ensured on a
	• This command is ignored and subsequent data is processed as normal data if the argument (m), storage starting address (a1, a2, a3, a4), and the storage data count (nL, nH) are out of the definition, or if [{the storage starting address (a1, a2, a3, a4) + storage data count (nL, nH)} ≥ 1024.										
	• The following process occur when preparations for transmitting data have been completed.										
	1. Executes a READY to BUSY process If the printer is already in a BUSY state, it does nothing.										
	2. Execute	s the [l	Heade	r + Data	a + NL	JL] trar	nsmissi	ion			
	3. Executes a BUSY to READY process If the printer is already in a BUSY state for some other reason, it does nothing.										
	• The configuration for the [Header + Data + NUL] is below.										
	Header: Hex. = 5FH/Decimal = 95 (1 byte)										
	Data:		User	NV me	emory	data (nL + (n	H x 25	6) byte	es)	
	NUL:		Hex.	= 00H/	Decin	nal = 0	(1 byte	e)			
	 When DTR/DSR control is selected, after verifying that the host can receive data when transmitting the Header, all code are transmitted consecutively. If the host is not able to receive data, the printer will wait until it is ready. 										
	When XC whether t	DN/XO he hos	FF con t can r	ntrol is eceive	selec data.	ted, a Alway	ll code s send	are t data c	ransmi	itted c utively	onsecutively without verifying , except for the XOFF code.
	• With parallel interfaces, the transmission data buffer (excluding ASB status and the buffer that store all transmission data) is 99 bytes. Data that exceeds 99 bytes is discarded.										
	• It is possi	ble to v	write to	the us	er NV	memo	ory usir	ig FS g	j 1.		
	• There is the possibility of delays between the reception of this command and the storage of data depending on the reception buffer status.										

Notes: • The printer transmits all data after starting transmission of the header without confirming whether the host computer can receive data. Therefore, when using this command, the host reception buffer size should be set to (transmission data + 2) to ensure that reception is not lost.

• Real-time command (DLE expansion command) is ignored while transmitting data. Also, ASB status is not transmitted while transmitting data even when the ASB function is enabled. Therefore, status changes in the printer while transmitting data are not known. The operator should be aware of this.

• STAR printers ignore this command. (They receive and discard FS g 2 m a1 a2 a3 a4 nL nH.)

Reference

FSg1

<u>FSpnm</u>

Name	Print NV bit image						
Code	ASCII	FS	р	n	m		
	Hex.	Hex. 1C 7			m		
	Decimal	28	112	n	m		
Defined Region	1 <u>≤</u> n <u>≤</u> 255						
	0 <u>≤</u> m <u>≤</u> 3, 48 <u>≤</u> m <u>≤</u> 51						

Function

Prints NV bit image n using mode m.

m	Mode	Density of Vertical	Density of Horizontal
		Direction Dots	Direction Dots
0, 48	Normal Mode	180 DPI	180 DPI
1, 49	Double-wide Mode	180 DPI	90 DPI
2, 50	Double-tall Mode	90 DPI	180 DPI
3, 51	Quadruple Mode	90 DPI	90 DPI

• n specifies the NV bit image number.

• m specifies the bit-image mode.

Details

- NV bit image is a bit image defined in non-volatile memory by FS q and printed by this command.
 - This command is ignored when the specified NV bit image n is undefined.
 - This command is effective only when no data exists in the print buffer in standard mode.

If data exists, 2 bytes are ignored.

- When in page mode, this command is disabled.
- Excluding upside-down printing, print modes (emphasized printing, double printing, underlines, character sizes, black/white inverted printing and 90 degree clockwise rotation) are unaffected.
- If bit image specification is of a size that exceeds the print region, the data in the print region is targeted for printing, but the excessive data is not printed.
- This command feeds dots (for the height *n* of the NV bit image) in normal and double-width modes, and (for the height of the NV bit image n x 2) in double-height and quadruple modes, regardless of the line spacing specified by ESC 2 (Set default line spacing) or ESC 3 (Set line feed amount).
- After printing the bit image, this command sets the print position to the top of the line and processes the subsequent data as normal data.

STAR

• Dot density (when the STAR printer head = 203 DPI) on STAR printers.

m	Mode	Density of Vertical	Density of Horizontal
		Direction Dots	Direction Dots
0, 48	Normal Mode	203 DPI	203 DPI
1, 49	Double-wide Mode	203 DPI	101 DPI
2, 50	Double-tall Mode	101 DPI	203 DPI
3, 51	Quadruple Mode	101 DPI	101 DPI

Related Commands ESC *, FS q, GS \, GS v 0

FS q n [xL xH yL yH d1...dk] 1... [xL xH yL yH d1...dk] n

Name	Define NV	' bit image									
Code	ASCII	FS	q n	[xLxHyLyHd1dk]1		[xLxHyLyHd1dk]	n				
	Hex.	1C 7	′1 n	[xLxHyLyHd1dk]1		[xLxHyLyHd1dk]	n				
	Decimal	28 11	3 n	[xLxHyLyHd1dk]1		[xLxHyLyHd1dk]	n				
Defined Region	1 <u>≤</u> n <u>≤</u> 25	5									
	0 <u>≤</u> xL <u>≤</u> 2	55									
	0 <u>≤</u> xH <u>≤</u> 3	However,	1 <u>≤</u> (xL+x⊦	H×256) <u>≤</u> 1023							
	0 <u>≤</u> yL <u>≤</u> 2	55									
	0 <u>≤</u> yH <u>≤</u> 1	However,	1 <u>≤</u> (yL+y⊦	H×256) <u>≤</u> 288							
	0 <u>≤</u> d <u>≤</u> 25	5									
	k = (xL+x)	H×256) × (yL+yH×256	6) ×8							
	Total defir	ned data ar	ea = 2 M b	ytes (256 K bytes)							
Function	Defines th	e specified	NV bit ima	ge.							
	 n specifie 	 n specifies the number of NV bit images to define. 									
	• xL and x⊦	• xL and xH specify the horizontal direction for one NV bit image (xL + xH x 256) x 8 dots.									
	• yL and yH specify the vertical direction for one NV bit image (yL + yH x 256) x 8 dots.										
Details	 This command erases all previously defined NV bit images. The printer cannot redefine only one of several data definitions that had been defined before. Therefore, all data must be resent. 										
	 Mechanical operations (such as initializing the position of the print head when the cover is open, feeding paper using a switch) cannot be executed from the time this command commences its process until a hardware reset is completed. 										
	 NV bit image is a bit image defined by this command in non-volatile memory and is printed by the FS p (Print NV bit image) command. 										
	 This command is effective only when processed at the top of the line when standard mode is being used. 										
	• When in page mode, this command is disabled.										
	• This command is effective when 7 bytes of FS to yH of the command are processed normally.										
	 When the amount of data exceeds the capacity left in the range defined by xL, xH, yL, yH, the printer processes an argument that is out of the defined range. 										
	 This command is invalid when processing an argument that is out of the defined range with the initial NV bit image data. 										
	 The printer terminates processing of this command and starts writing data to the non-volatile memory if an argument out of the defined range is processed on the second and subsequent NV bit image data. This invalidates the NV bit image being defined (making it undefined), but the NV bit images prior to that are valid. 										
	 d specifies defined data. Bits that correspond to the dots to print are 1, and the bits that correspond to the dots that are not printed are 0. 										
	• An n num [xLxHyLy the NV b	• An n number of NV bit images are defined in ascending order from 01H. Therefore, The first data of [xLxHyLyHd1dk] is an NV bit image of the number 01H. The final data of [xLxHyLyHd1dk] is the NV bit image of the number n.									
	This matcl	This matches with the NV bit image number that is specified for NV bit image printing (by FS p).									

- One NV bit image definition data is configured by [xL xH yL yH d1...dk]. Therefore, if defining only one NV bit image data, n = 1. The data of [xL xH yL yH d1...dk] is processed only once. This uses ([data: (xL + xH x 256) x (yL + yH x 256) x 8] + [Data: 4]) of non-volatile memory.
- The maximum region for NV bit image definition varies according to the printer model. Several NV bit images can be defined, but NV bit image data that exceeds the maximum definition region with a total capacity of (data bit image data + header) cannot be defined.
- The printer is in a BUSY state just prior to writing to the non-volatile memory. If the model carries DIP switches (conditions for a BUSY state), the printer will be in a BUSY state prior to writing data regardless of those DIP switch settings.
- The sending of ASB status and detection of status are not possible while processing this command even when the ASB function is specified.
- When processing this command while defining a macro, the macro definition is terminated and the command commences with processing.
- NV bit images that have been defined are not initialized by the ESC @ (Initialize printer), a reset or by turning off the printer's power.
- This command only defines the NV bit image, but it does not print it. To print an NV bit image, use FS p (Print NV bit image).
- Notes: There is the potential of damaging the non-volatile memory by overusing the command, so only use this command once a day to write to the non-volatile memory.

• The printer executes a hardware reset just after writing to the non-volatile memory. Therefore, download characters and download bit images and macros are handled as being undefined and the reception buffer and print buffer are cleared. The printer returns all settings to their default status.

• The printer may enter a BUSY state while writing data to the non-volatile memory when using this command. While the printer is BUSY, the printer will stop receptions so data will not be received from the host (including real-time commands).

STAR

• Dot density (when the STAR printer head = 203 DPI) on STAR printers.

m	Mode • • •	Density of Vertical	Density of Horizontal
		Direction Dots	Direction Dots
0, 48	Normal Mode	203 DPI	203 DPI
1, 49	Double-wide Mode	203 DPI	101 DPI
2, 50	Double-tall Mode	101 DPI	203 DPI
3, 51	Quadruple Mode	101 DPI	101 DPI

Related Commands FS p



<u>GS ! n</u>

Name	Select character size				
Code	ASCII	GS	!	n	
	Hex.	1D	21	n	
	Decimal	29	33	n	
Defined Region	0 <u>≤</u> n <u>≤</u> 255				

n = 0

However, $1 \leq vertical direction magnification ratio \leq 8$, $1 \leq horizontal direction magnification ratio \leq 8$

Initial Value

Function

Specifies the character size (magnification ratio in the vertical and horizontal directions).

Bit	Function	"O"	"1"
7	Specifies horizontal direction magnification ratio	(See table below)	
6			
5			
4			
3	Specifies vertical direction magnification ratio	(See table below)	
2	_		
1			
0			

<Horizontal Direction Magnification Ratio Specification> </

Bit-7	Bit-6	Bit-5	Bit-4	Hor. Dir. Mag. Ratio
0	0	0	0	1
0	0	0	1	2
0	0	1	0	3
0	0	1	1	4
0	1	0	0	5
0	1	0	1	6
0	1	1	0	7
0	1	1	1	8
1	0	0	0	Undefined
1	0	0	1	Undefined
1	0	1	0	Undefined
1	0	1	1	Undefined
1	1	0	0	Undefined
1	1	0	1	Undefined
1	1	1	0	Undefined
1	1	1	1	Undefined

Bit-3	Bit-2	Bit-1	Bit-0	Hor. Dir. Mag. Ratio
0	0	0	0	1
0	0	0	1	2
0	0	1	0	3
0	0	1	1	4
0	1	0	0	5
0	1	0	1	6
0	1	1	0	7
0	1	1	1	8
1	0	0	0	Undefined
1	0	0	1	Undefined
1	0	1	0	Undefined
1	0	1	1	Undefined
1	1	0	0	Undefined
1	1	0	1	Undefined
1	1	1	0	Undefined
1	1	1	1	Undefined

Details	• This command is effective for all characters (ANK and Chinese characters), excluding HRI characters.					
	• If the vertical and horizontal magnification ratios are outside the defined range, this command is ignored.					
	• In standard mode, the vertical direction is the paper feed direction; the horizontal direction traverses the paper feed direction. Therefore, when character orientation changes in 90 degree clockwise rotation mode, the relationship between vertical and horizontal directions is reversed.					
	 In page mode, vertical and horizontal directions are based on the character orientation. 					
	• The base line for characters is the same when there are characters having different vertical direction ratios in the same line.					
	• The ESC ! (Batch specify print mode) command can also turn double-width and double-height modes on or off, but the setting of the last received command is effective.					
Reference	ESC !					

<u>GS \$ nL nH</u>

Name	Specify absolute position for character vertical direction in page mode							
Code	ASCII	GS	\$	nL	nH			
	Hex.	1D	24	nL	nH			
	Decimal	29	36	nL	nH			
Defined Region	0 <u>≤</u> nL <u>≤</u> 2	55, 0 <u>≤</u> i	nH <u>≤</u> 2	55				
Function	Specifies the character vertical direction position for the data expansion starting position using the absolute position based on the starting point in page mode. The position of the character vertical direction for the next data expansion starting position is the position specified by $[(nL + nH \times 256) \times 256]$ basic calculated pitch] from the starting point.							
Details	• When no	t in pag	e mode	e, this	command is ignored.			
	 Specifications for absolute positions that exceed the specified print range are ignored. 							
	• The position of the character horizontal direction of the data expansion starting position does not move.							
	 The starting point that is used as a reference is specified by ESC T. 							
	• The following operations occur depending on the starting point of (Selecting the character printing direction in page mode) ESC T.							
	a. If the starting point is upper left or lower right, specify the absolution position for the paper feed direction (character vertical direction). Use the basic calculated pitch (y) for the horizontal direction at this time.							
	b. If the starting point is upper right or lower left, specify the absolution position for the paper feed in the vertical direction (character vertical direction). Use the basic calculated pitch (x) for the horizontal direction at this time.							
	 The basic calculated pitch is set by GSP (Set basic calculated pitch). 							
	• If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded.							
Reference	ESC \$, ES	SC T, ES	SC W,	ESC \	, GS P, GS\			
	See section	n 2. Ex	planati	ons of	the Page Mode.			

<u>GS * xy d1 ... d (xX yX 8)</u>

Name	Define dow	nload	oit imag	jes								
Code	ASCII	GS	*	х	yd1d (x×y×8)							
	Hex.	1D	2A	х	yd1d (x×y×8)							
	Decimal	29	42	х	yd1d (x×y×8)							
Defined Region	1 <u>≤</u> x <u>≤</u> 255	5										
	1 <u>≤</u> y <u>≤</u> 48	Howev	er, x × y	/ <u>≤</u> 1536	3							
	0 <u>≤</u> d <u>≤</u> 255	0 <u>≤</u> d <u>≤</u> 255										
Function	Defines the	Defines the download bit image of the number of dots specified by x and y.										
	 x specifies the number of dots in the horizontal direction. 											
	• y specifie	 y specifies the number of bytes in the vertical direction. 										
Details	 Horizonta 	Horizontal direction dot count is x X 8 dots; Vertical direction dot count is y X 8 dots										
	• d indicates the bit-image data.											
	Bits that correspond to the dots to print are 1, and the bits that correspond to the dots that are not printed are 0.											
	 GS * (define download bit images) and ESC& (define download characters) cannot both be defined simultaneously. Download character definitions are cleared by executing this command. 											
	Defined d	 Defined download bit images are cleared under the following executions. 										
	a. ESC @	:	Initiali	ze print	er							
	b. ESC &:		Define download characters									
	c. FS q:		Define NV bit image									
	d. When th	d. When the printer is reset or the power is turned off										









GS /

GS (A pL pH n m

Name	Test print									
Code	ASCII	GS	(А	pL	рН	n	m		
	Hex.	1D	28	41	pL	рН	n	m		
	Decimal	29	40	65	рL	рН	n	m		
Defined Region	$\{pL+(pH\times 256)\} = 2 (pL = 2, pH = 0)$									
	0 <u>≤</u> n <u>≤</u> 2, 48 <u>≤</u> n <u>≤</u> 50									
	1 <u>≤</u> m <u>≤</u> 3, 49 <u>≤</u> m <u>≤</u> 51									
Function	Executes the specified test print.									
	 Specifies 	• Specifies the parameter count following pL and pH in (pL + (pH x 256)) bytes.								

• n specifies the paper to use in the test print shown in the tables below.

N	Paper Type
0, 48	Basic sheet (paper roll)
1, 49	Paper Roll
2, 50	-

• m specifies the type of test print shown in the tables below.

m	Type of Test Print
1, 49	Hexadecimal Dump
2, 50	Printer Status (Self Print)
3, 51	Rolling Pattern Print

Details

- This command is effective only when processed at the top of the line when standard mode is being used.
- When in page mode, this command is ignored.
- When processing this command while defining a macro, the macro definition is terminated and the command commences with processing.
- After the test print is completed, the printer executes a hardware reset. Therefore, download characters and download bit images and macros are handled as being undefined and the reception buffer and print buffer are cleared. The printer returns all settings to their default status.
- After the final test print, this executes a paper cut.
- After the command is processed, the printer enters a BUSY state.

<u>GS (K pL pH n m</u>

Name	Set print density											
Code	ASCII	GS	(К	pL	рН	n	m				
	Hex.	1D	28	4B	pL	pН	n	m				
	Decimal	29	40	75	pL	рН	n	m				
Defined Region	$\{pL + (pH \times 256)\} = 2 (pL = 2, pH = 0)$											
	n = 49											
	250 <u>≤</u> m <u>≤</u> 255, 0 <u>≤</u> m <u>≤</u> 6											
Initial Value	m = 0											
Function	Sets print de	ensity.										
	n Print Density											
	250 0.7											
	251			0.7								
	252			0.8								
	253			0.8								
	254	254 0.9										
	255			0.9								
	0			1.0								
	1			1.1								
	2			1.1								
	3			1.2								
	4			1.2								
	5			1.3								
	6			4 0								

STAR

This command changes the print density after the test print is stopped.

<u>GS (N pL pH n m</u>

Name	Specify pri	int coloi	•								
Code	ASCII	GS	(Ν	pL	рН	n	m			
	Hex.	1D	28	4E	pL	рН	n	m			
	Decimal	29	40	78	pL	рН	n	m			
Defined Region	{pL+ (pH×	256)}=	2 (pL	= 2,p⊦	H = 0)						
	n = 48	n = 48									
	m = 49,50	m = 49,50									
Initial Value	m = 49										
Function	Specifies p	orint col	or in 2	color	print mo	ode.					
 This command is effective only when in 2 color printing in mode. This command is ignore single color printing mode. 								printing in mode. This command is ignored with in			
	• Use ESC	Use ESC @ to initial the print color (print color = black).									
	n			Print c	olor						
	49		Blac	k (High	n Energy	/)					
	50		Re	d (Low	Energy)						

<u>GS / m</u>

Name	Print download bit images					
Code	ASCII	GS	1	m		
	Hex.	1D	2F	m		
	Decimal	29	47	m		
Defined Region	0 ≤ m ≤ 3, 48 ≤ m ≤ 51					

Function

Prints defined download bit image data using mode m.

m	Print Mode	Density of Vertical	Density of
		Direction Dots	Horizontal
			Direction Dots
0, 48	Normal Mode	180 DPI	180 DPI
1, 49	Double-wide Mode	180 DPI	90 DPI
2, 50	Double-tall Mode	90 DPI	180 DPI
3, 51	Quadruple Mode	90 DPI	90 DPI

Details

• This command is ignored if there is no download bit image data defined.

- This command is effective only when no data exists in the print buffer in standard mode.
- Excluding upside-down printing, print modes (emphasized printing, overlap printing, underlines, character sizes and black/white inverted printing) are unaffected.
- If there is download bit image data defined that exceeds the print region, that excess portion is not printed.
- This command feeds dots (for the height n of the NV bit image) in normal and double-width modes, and (for the height of the NV bit image n x 2) in double-height and quadruple modes, regardless of the line spacing specified by ESC 2 (Set default line spacing) or ESC 3 (Set line feed amount).
- See section 2.3.2 for details on the download bit image expansion position in page mode.
- STAR
- Dot density (when the STAR printer head = 203 DPI) on STAR printers.

m	Mode	Density of Vertical Direction Dots	Density of Horizontal Direction Dots
0, 48	Normal Mode	203 DPI	203 DPI
1, 49	Double-wide Mode	203 DPI	101 DPI
2, 50	Double-tall Mode	101 DPI	203 DPI
3, 51	Quadruple Mode	101 DPI	101 DPI

Reference

GS *

<u>GS:</u>			
Name	Start/execute r	macro	o definition
Code	ASCII G	S	:
	Hex. 1	D	3A
	Decimal 2	29	58
Function	Starts and stop	ps ma	acro definition.
Details	 If this comma 	and is	input during normal operation, the macro definition is started.
	 If this comma 	and is	input while defining a macro, the macro definition is stopped.
	 If GS ^ (Exec and the content 	cute m ents a	nacro definition) is input while defining a macro, the macro definition is cancelled are cleared.
	The initial sta	atus o	of the macro is undefined.
	The contents	of the	e definition are not cleared by ESC @ (Initialize printer).
	The macro er	nters	an undefined status if GS: is input immediately after inputting GS:.
	 The data council defined. 	int tha	at can be defined in a macro is 2048 bytes. Data that exceeds 2048 bytes is not
STAR	 Operators sho defining a ma enters a raste 	ould l acro, er gra	be aware that if the raster graphic command (GS v) is inserted into the data while the macro definition is immediately ended as being undefined and the printer aphics process.
Reference	GS ^		

<u>GS B n</u>

Name	Specify/cand	cancel white/black inverted printing									
Code	ASCII	GS	В	n							
	Hex.	1D	42	n							
	Decimal	29	66	n							
Defined Region	0 <u>≤</u> n <u>≤</u> 255										
Initial Value	n = 0										
Function	Specifies or cancels black and white inverted printing.										
	 Cancels black and white inverted printing when n = <******0>B. 										
	 Specifies black and white inverted printing when n = <******1>B. 										
Details	 n is effective only when it is the lowest bit. 										
	 Internal characters and download characters are targeted for black and white inverted printing. 										
	 The right space of set characters set by ESC SP (Set character right space amount) is also targeted for black and white inverted printing. 										
	 The following are not targeted for black and white inverted printing. 										
	a. ESC*		: Bit ima	age							
	b. GS /		: Downl	load bit image							
	c. GS k		: Bar co	ode							
	d. GS H		: HRI C	haracters							
	e. HT		: Skippe	ed portion by horizontal tab							
	f. ESC \$: Skippe	ed portion by specification of vertical position							
	g. ESC \		: Skippe	ed portion by specification of relative position							
	This does not affect the line spacing.										

- Black and white inverted printing has priority over underlines. Therefore, the inverted characters are not underlined, even if underline is specified. However, the underline setting status does not change.
- This command is effective for ANK and Chinese characters.

<u>GS C 0 n m</u>

Name	Set counte	r print ı	node									
Code	ASCII	GS	С	0	n	m						
	Hex.	1D	43	30	n	m						
	Decimal	29	67	48	n	m						
Defined Region	0 <u>≤</u> n <u>≤</u> 5											
	0 <u>≤</u> m <u>≤</u> 2, 48 <u>≤</u> m <u>≤</u> 50											
Initial Value	n = 0											
	m = 0											
Function	Sets the se	Sets the serial number counter print mode.										
	m		Printing	g Positio	n	Proc	essing of Counter Value Less than Set Digit Count					
	0, 48		Aligi	n Right		Appli	es a space to the left side					
	1, 49		Alig	n Right		Appli	es a 0 to the left side					

Details

• n specifies the digits to print.

2, 50

- When n = 0, the printer prints only the actual number of digits of the counter value.
- Sets the print digit count when $n \neq 0$.
- m sets the serial number counter printing position in the set digit count.
- If the counter value is larger than the n set digit count, the printer prints n digits below the counter value.

Applies a space to the right side

• When n = 0, the value of m has no meaning.

Align Left



Reference

GS C 1, GS C 2, GSC;, GS c

<u>GS C 1 aL aH bL bH n r</u>

Name	Set Counte	er Mode	(A)									
Code	ASCII	GS	С	1	aL	аH	bL	bH	n	r		
	Hex.	1D	43	31	aL	аH	bL	bH	n	r		
	Decimal	29	67	49	aL	аH	bL	bH	n	r		
Defined Region	0 <u>≤</u> aL <u>≤</u> 255											
	0 <u>≤</u> aH <u>≤</u> 255											
	0 <u>≤</u> bL <u>≤</u> 255											
	0 <u>≤</u> bH <u>≤</u> 255											
	0 <u>≤</u> n <u>≤</u> 255	5										
	0 <u>≤</u> r <u>≤</u> 255											
Initial Value	aL = 1, aH	= 0										
	bL = 255, bH = 255											
	n = 0											
	r = 1											
Function	Sets the co	ounter n	node fo	or the s	erial c	ounter.						
Details	 aL, aH and bL, bH specify the counter range. 											
	 n specifies the number of steps to count up or down. 											
	 r specifies the number of times to repeat printing with the counter value fixed. 											
	• If {(aL + aH x 256) < (bL + bH x 256) and n \neq 0 and r \neq 0} this command sets the count up mode.											
	• If {(aL + aH x 256) > (bL + bH x 256) and $n \neq 0$ and $r \neq 0$ } this command sets the count down mode.											
	 If {(aL + aH x 256) = (bL + bH x 256) and n = 0 and r = 0} this command stops counting. 											
	• When the count up mode is set, (aL + aH x 256) is the counter minimum value and (bL + bH x 256) is the counter maximum value.											
	Also, if th value.	e coun	ter exc	eeds	the ma	aximum	n value	e, it star	ts cou	nting up again from the minimum		
	• When the 256) is the	count o e count	down n er mini	node is mum v	s set, (⁄alue.	aL + al	H x 25	i6) is the	e count	er maximum value and (bL + bH x		
	Also, if th maximum	e coun value.	iter is a	smalle	r than	the m	inimur	n value,	, it star	ts counting down again from the		
	 Executing repeated. 	this co	omman	d clea	rs the	interna	I cour	iter that	shows	the number of times printing was		
Reference	GS C 0, GS	S C 2, C	GS C ;,	GS c								

<u>GS C 2 nL nH</u>

Name	Set counter	mode	/alue					
Code	ASCII	GS	С	2	nL	nH		
	Hex.	1D	43	32	nL	nH		
	Decimal	29	67	50	nL	nH		
Defined Region	0 <u>≤</u> nL <u>≤</u> 255	5						
	0 <u>≤</u> nH <u>≤</u> 25	5						
Initial Value	nL = 1, nH =	= 0						
Function	Sets the serial number counter value.							
Details	• nL and nH	set the	count	er valu	ie.			
	 In the course operating in next GSc. 	nt up r ange, s	node, specifie	if the o ed by o	counte GSC1	er value specified by this command goes out of the counter or GSC;, it is forced to convert to the minimum value by the		
 In the count down mode, if the counter value specified by this command goes out of t operating range, specified by GSC1 or GSC;, it is forced to convert to the maximum vanext GSc. 								
Reference	GS C 0, GS	C 1, G	S C ;,	GS c				

GS C ; sa; sb; sn; sr; sc;

Name	Set Counte	er Mode	e (B)											
Code	ASCII	GS	С	;	sa	;	sb	;	sn	;	sr	;	sc	;
	Hex.	1D	43	3B	sa	3B	sb	3B	sn	3B	sr	3B	sc	3B
	Decimal	29	67	59	sa	59	sb	59	sn	59	sr	59	SC	59
Defined Region	"0" <u>≤</u> sa <u>≤</u> '	"65535"												
	"0" <u>≤</u> sb <u>≤</u> "65535"													
	"0" <u>≤</u> sn <u>≤</u> "255"													
	"0" <u>≤</u> sr <u>≤</u> "	255"												
	"0" <u>≤</u> sc <u>≤</u> "	'65535"												
Initial Value	sa = "1"													
	sb = "65535"													
	sn = "0"													
	sr = "1"													
	sc = "1"													
Function	Sets the se	erial nui	mber o	counter	count	ting mo	ode an	d coun	ter val	ue.				
Details	 sa, sb, sn, sr and sc are all ASCII character strings represent setting values using decimals. They are composed of character strings of 0 to 9. 													
	• sa, and sb specify the counter range.													
	 sn specifi 	 sn specifies the number of steps to count up or down. 												
	 sr specifie 	 sr specifies the number of times to repeat printing with the counter value fixed. 												
	• sc specifies the counter value.													
	• If {sa < sb and sn \neq 0 and sr \neq 0} this command sets the count up mode.													
	• If {sa > sb and sn \neq 0 and sr \neq 0} this command sets the counter down mode.													
	 If {sa = sb or n = 0 and sr = 0} this command stops counting. 													
	• When the count up mode is set, sa is the counter minimum value and sb is the counter maximum value.													
	Also, if the counter exceeds the maximum value, it starts counting again from the minimum value.													
	 When the value. 	• When the count down mode is set, sa is the counter maximum value and sb is the counter minimum value.												
	Also, if th maximum	he cour n value.	nter is	smalle	er thar	n the r	ninimu	m valu	ie, it s	starts c	ountin	g dow	n agai	n from the
	 Each arget the settin 	ument f g value	rom sa that c	a to sc orresp	can be onds t	e omitte o the c	ed. Th mitted	e settir argum	ng just ient.	prior is	maint	ained	withou	t change to
	 Executing repeated. 	g this co	omma	nd clea	ars the	e interr	nal cou	nter th	at sho	ws the	numb	er of ti	mes p	rinting was
	 If an argunation handled r 	ument o normally	utside / from	of the subse	defini quent	tion reg data.	gion is	input,	the co	mmano	d is sto	opped a	and pr	ocessing is
Deference		CC1 /												

Reference GS C 0, GS C 1, GS C 2, GS c

<u>GS E n</u>

Name	Set printing speed					
Code	ASCII	GS	Е	n		
	Hex.	1D	45	n		
	Decim	nal 29	69	n		
Defined Region	0 <u>≤</u> n <u>≤</u> 255					
Initial Value	n = 0					
Function	Sets print speed.					
	Bit	Function				
	7	Undefined				

Bit	Function	"0"	"1"
7	Undefined		
6	Undefined		
5	Print Speed	(See table below)	
4			
3	Undefined		
2	Undefined		
1	Undefined		
0	Undefined		

Print Speed

Bit-5	Bit-4	Print Speed
0	0	High speed
0	1	Mid-speed
1	0	Slow speed
1	1	Undefined

Details

• This command is effective in standard mode.

• This command is enabled only when at the top of the line.

STAR

• This command changes the print density after the test print is stopped.

<u>GS H n</u>

Name	Select HRI c	ect HRI character print position						
Code	ASCII	GS	Н	n				
	Hex.	1D	48	n				
	Decimal	29	72	n				
Defined Region	0 <u>≤</u> n <u>≤</u> 3, 48	5 <u>≤n≤</u> 8	51					
Initial Value	n = 0							
Function	Selects the p	orinting	positio	n of HRI characte	ers when printing bar codes.			
	m	Printin	g Positio	n	7			
	0, 48	No prir	nt					
	1, 49	Above	bar code	e				
	2, 50	Below	bar code	;				
	3, 51	Above	and belo	ow bar code (both)				

Details

HRI is an acronym for Human Readable Interpretation.

• HRI characters are printed with fonts selected by GS f (Select HRI character font).

Reference

GS f, GS k

<u>GS I n</u>

Name	Transmission of Printer ID					
Code	ASCII	GS	Ι	n		
	Hex.	1D	49	n		
	Decimal	29	73	n		
Defined Region	1 <u>≤</u> n <u>≤</u> 3, 4	49 <u>≤</u> n <u>≤</u>	<u>5</u> 1, 65	<u>≤</u> n <u>≤</u> 69		

Function

Sends the specified printer ID.

n	Printer ID Type	Specifications
1, 49	Model ID	TM-T88II = 0 x 20
		BA-T500 = 0 x 27
2, 50	Type ID	(See table below)
3, 51	ROM Version ID	Depends on the ROM version
65	Firmware Version	Depends on the firmware version
66	Manufacturer Name	EPSON
67	Model Name	TM-T88II
68	Serial Number	Depends on the serial number
69	Chinese Character Types	Japanese Language Characters: KANJI JAPANESE
		Chinese Language Character Specifications:
		CHINAGB2312
		Taiwan Language Characters: TAIWANBIG-5

<Type ID>

Bit	Status targeted for ASB	"0"	"1"
7	Fixed at "0"		
6	Undefined		
5	Undefined		
4	Fixed at "0"		
3	MICR Reader	None	Yes
2	Direct connection to customer display	None	Yes
1	Auto-cutter	None	Yes
0	2 Byte Code Handling	None	Yes

Details

• If using DTR/DSR control when using a serial interface, the printer sends its ID after it has verified that the host has entered a data ready state (the DSR signal is a space). If the host is not able to receive data (DSR signal is a mark), the printer will wait until it is ready.

The using XON/XOFF control, the printer transmits its ID without verifying whether the host can receive data.

- Because this command is executed while expanding the print buffer, there may be a delay between the reception of the command and printer ID transmission, depending on the reception buffer status.
- $(1 \le n \le 3, 49 \le n \le 51)$ sends 1 byte of the printer ID.
- When ASB is enabled using the GS a (enable/disable auto status transmission) command, the printer ID transmitted by this command and the ASB status must be differentiated. See Appendix-2 for details on how to identify.
- (65 \leq n \leq 69) sends the following printer information.

Header: Hexadecimal = 5FH/Decimal = 95 (1 byte)

Data: Printer Information

	NUL:	Hexadecimal = 00H/Decimal = 0 (1 byte)		
	• The following pro	cesses occur when preparations for transmitting data have been completed.		
	 Executes a READY to BUSY process If the printer is already in a BUSY state, the principle. 			
	2. Executes the [H	Header + Data + NUL] transmission		
	 Executes a BL reason, it does not 	JSY to READY process If the printer is already in a BUSY state for some other othing.		
STAR	STAR printers igno	re this command if $65 \leq n \leq 69$ is specified.		
Reference	See Appendix -2 fo	or details.		

<u>GS L nL nH</u>

Name	Set left margin							
Code	ASCII	GS	L	nL	nH			
	Hex.	1D	4C	nL	nH			
	Decimal	29	76	nL	nH			
Defined Region	0 <u>≤</u> nL <u>≤</u> 255	5						
	0 <u>≤</u> nH <u>≤</u> 25	5						
Initial Value	nL = 0,nH =	0						
Function	 nL and nH set the specified left margin. 							
	• The left ma	argin is	[(nL +	nH x 2	256) x basic calculated pitch]			



Details

- This command is effective only when input at the top of the line when standard mode is being used.
- This command has no affect in page mode. This command is only effective for the setting.
- The maximum setting for the left margin is the same size as the printable region for the horizontal direction.

Specifications that exceed the maximum value are rounded off to that value.

- The basic calculated pitch is set by GSP (Set basic calculated pitch). Also, after setting the left margin, it is not affected even if the basic calculated pitch is changed.
- Use the basic calculated pitch (x) for the horizontal direction of GS P (Set basic calculated pitch) to calculate the left margin.

If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded.

• See Appendix-4 for setting details.

Reference GS P, GS W Appendix -4

<u>GS P x y</u>

Name	Set basic calculated pitch												
Code	ASCII	GS	Р	х	у								
	Hex.	1D	50	x	у								
	Decimal	29	80	х	у								
Defined Region	0 <u>≤</u> x <u>≤</u> 255	5											
	0 <u>≤</u> y <u>≤</u> 255												
Initial Value	x = 180, y =	= 360:	EPSO	N targ	eted	model print head 180 DPI							
	x = 203, y =	= 203:	EPSO	N targ	eted	model print head 203 DPI							
Function	Sets the he basic calc	orizonta culated	al basic pitch to	calcu appro	lated ximat	pitch to approximately 25.4/xmm [(1/x) inch], and the vertical ely 25.4/ymm [(1/y) inch].							
	• x = 0: Returns the horizontal basic calculated pitch to its default value.												
	• y = 0: Returns the vertical basic calculated pitch to its default value.												
Details	• Horizontal direction refers to the vertical direction in reference to paper feed; Vertical direction refers to the direction of paper feed.												
	 With standard mode, use the parameters shown below regardless of the direction of the characters (upside down, or rotated 90 degrees). 												
	a. Comma	ands us	sing x:	ES	ESC SP, ESC \$, ESC FSS, GSL, GSW								
	b. Comma	ands us	sing y:	ES	C 3, I	ESC J, GSV							
	• With page mode, use the parameters shown below according to the direction of the characters.												
	a. If the starting point is upper left or lower right using ESC T (Character print direction selection in page mode) (feeds paper and expands characters in the vertical direction):												
	Comman	ds usin	g x:	ES	ESC SP, ESC \$, ESCW, ESC FSS								
	Command	ds usin	g y:	ES	C3, E	ESCJ, ESCW, GS\$, GS GSV							
	b. If the st page mod	tarting de) (exp	point is bands cl	upper naract	right ers in	or lower left using ESC T (Character print direction selection in the paper feed direction):							
	Command	ds usin	g x:	ES	ESC 3, ESC J, ESCW, GS \$, GS \								
	Commands using y: ESC SP, ESC \$, ESCW, ESC FSS, GSV												
	This com	mand h	as no a	ffect o	n any	previously set setting values.							
	 If the calculation combining other commands results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded. 												

STAR •	To improve differences in distance calculations that are generated from differences in print densit the print heads that are mounted (STAR = 203 DPI/EPSON = 180 DPI), STAR printers use a ba calculation pitch correction in its DIP switches. By setting this to 203 DPI, the printer uses the ba calculated pitches such as ESC\$ (Move absolute position) or GSL (Left margin) to correct as sho below for the calculated values to enable distance movement that is similar to EPSON printers	y of asic asic own											
	However, basic calculated pitch correction cannot correct data such as fonts or bit images.	However, basic calculated pitch correction cannot correct data such as fonts or bit images.											
	DIP Switch Settings: Basic Calculated Pitch Correction	DIP Switch Settings: Basic Calculated Pitch Correction											
	ON = 203DPI (Default)												
	OFF = 180DPI												
	 Basic calculated pitch correction when the left margin is specified. 												
	Basic calculated pitch: XY												
	Left margin value: nLnH												
	1. When basic calculated pitch correction selects 203 DPI												
	Left Margin = (nL + nH x 256) x 2032/X/10 (Decimals are discarded.)												
	2. When basic calculated pitch correction selects 180 DPI												
	Left Margin = (nL + nH x 256) x 180/X (Decimals are discarded.)												
Reference	ESC SP, ESC \$, ESC 3, ESC J, ESC W, ESC GS \$, GS L, GS V, GS W, GS $\$												

<u>GS T n</u>

Name	Move to top of line					
Code	ASCII	GS	Т	n		
	Hex.	1D	54	n		
	Decimal	29	84	n		
Defined Region	n = 0,1,48,49					
Function	Moves prin	t positio	on to to	p of line.		

• This command is effective only in standard mode. It is ignored in page mode.

n	Function
0, 48	After erasing data in the printer buffer, it moves the print position.
1, 49	After printing data in the printer buffer, it moves the print position.

<u>GS V m</u>											
Name	Cut pape	r									
Code	ASCII	GS	V	m							
	Hex.	1D	56	m							
	Decimal	29	86	m							
Defined Region	m = 0,1,4	8,49									
Function	Executes	specifie	d pape	er cut.							
	m 1 0, 48 1 1, 49 1 2, 50 1 3, 51 1 65 1 66 1 67 1 68 1	Function Full cut Partial cut Not Used Not Used Feeds pa (one point Not Used Not Used	t (one p per to (per to t uncut	point uncut) (cutting position + [n x basic calculated pitch]) and performs a full cut (cutting position + [n x basic calculated pitch]) and performs a partial cut t)							
Details	 This cor used. Cuts paper 	nmand is per.	s effec	ctive only when processed at the top of the line when standard mode is	3 being						
STAR	• The auto-cut function differs according to the model. A partial cut is executed on those models that cannot perform a full cut.										
	A full cu specifica	A full cut is executed on those models that cannot perform a partial cut. Refer to the product specifications manual for the specifications of the auto-cut function.									
	• Models that do not have the auto-cut function do not cut paper. However, commands that accompany a paper feed of (cutting position + [n x basic calculated pitch]) (n = 65, 66), a paper feed of (tear bar position + [n x basic calculated pitch]) is executed.										
Reference	ESC i, ES	SC m									

<u>GS V m n</u>

Name	Cut pape	۶r										
Code	ASCII	GS	V	m	n							
	Hex.	1D	56	m	n							
	Decimal	29	86	m	n							
Defined Region	m = 65, 6	6, 0 <u>≤</u> n :	<u>≤</u> 255									
Function	Executes	specifie	d pape	er cut.								
	m Function 0, 48 Full cut 1, 49 Partial cut (one point uncut) 2, 50 Not Used 3, 51 Not Used 65 Feeds paper to (cutting position + [n x basic calculated pitch]) and performs a full cut 66 Feeds paper to (cutting position + [n x basic calculated pitch]) and performs a partial cut (one point uncut) 67 Not Used 68 Not Used											
Details	This colused.	mmand is	s effect	tive only	y whe	n processed at the top of the line when standard mode is being when $n = 0$, then cuts the paper.						
	\sim recus paper to the cutting position when $n = 0$, then cuts the paper.											
	• recus paper in x basic calculated pitch beyond the cutting position when $n \neq 0$, then cuts the paper.											
	• The basic calculated pitch is set by GSP (Set basic calculated pitch).											
	• Use the basic calculated pitch (y) relating to the vertical direction for the paper feed amount.											
	is discarded.											
STAR	• The auto-cut function differs according to the model. A partial cut is executed on those models that cannot perform a full cut.											
	A full c specific	ut is exe ations ma	cuted anual f	on thos or the s	se mo specifi	dels that cannot perform a partial cut. Refer to the product cations of the auto-cut function.						
	• Models that do not have the auto-cut function do not cut paper. However, commands that accompany a paper feed of (cutting position + [n x basic calculated pitch]) (n = 65, 66), a paper feed of (tear bar position + [n x basic calculated pitch]) is executed.											
Reference	ESC i, E	SC m										

GS W nL nH

Name	Set print region width										
Code	ASCII	GS	W	nL	nH						
	Hex.	1D	57	nL	nH						
	Decimal	29	87	nL	nH						
Defined Region	0 <u>≤</u> nL <u>≤</u> 255	5									
	0 <u>≤</u> nH <u>≤</u> 25	0 <u>≤</u> nH <u>≤</u> 255									
Initial Value	See the STA	AR sect	ion be	low.							
Function	 Sets the print region width specified by nL and nH. 										
	• Print region width is [(nL + nH x 256) x basic calculated pitch].										
	1				Print Region Width						
	י ו ל				►						
	, 	<									
	i	Left N	largin	i	Printable Region						

• This command is effective only when processed at the top of the line when standard mode is being used.

- This command has no affect on page mode when in page mode. Only the setting is effective for this command.
- When a value that exceeds the printable region of one line, the entire region, excluding the left margin, is set as the print region width.
- The basic calculated pitch is set by GSP (Set basic calculated pitch). Also, the set printing region width is not changed even if the basic calculated pitch is changed after setting the print region width.
- Use the basic calculated pitch (x) for the horizontal direction of GS P (Set basic calculated pitch) to calculate the print region width.

If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded.

• If the print region width is smaller than the width of the first character expanded at the top of the line (including the right space), the following are processed only on that line.

1. The print region is expanded to the right for the size of that character within the range that does not exceed the printable region.

- 2. If there is not enough space even if 1. is executed, the print region is expanded to the left side.
- 3. If there is not enough space even if 2. is executed, the right space deleted.

• See Appendix-4 for setting details.

Reference GS L, GS P, Appendix -4

<u>GS \ nL nH</u>

Name	Specify relative position for character vertical direction in page mode										
Code	ASCII	GS	١	nL	nH						
	Hex.	1D	5C	nL	nH						
	Decimal	29	92	nL	nH						
Defined Region	0 <u>≤</u> nL <u>≤</u> 255										
	0 <u>≤</u> nH <u>≤</u> 255										
Function	• Specifies the character vertical direction position for the data expansion starting position using the relative position based on the current point in page mode. This sets the position moved from the current position to [($nL + nH \times 256$) x basic calculated pitch] for the next data expanding starting position.										
Details	• When not i	n page	e mode	, this c	command is ignored.						
	 If the direction below the current position is specified for the characters, specify a positive number; if the direction above is specified, a negative number is used. 										
	 Negative ne upward dire 	umber ection	s are re N pitch	are represented by the complement of 65536. For example, when moving in the pitches, use:							
	nL + nH × 2	56 = 6	5536-N	1							
	 Specifications for relative positions that exceed the specified print region are ignored. 										
	• The following operations occur depending on ESC T (Selecting the character printing direction in page mode).										
	a. If the starting point is upper left or lower right, specify the relative position for the paper feed direction.										
	Use the basic calculated pitch (y) for the horizontal direction at this time.										
	b. If the starting point is upper right or lower left, specify the relative position for the paper feed in the vertical direction. Use the basic calculated pitch (x) for the horizontal direction at this time.										
	• The basic of	calcula	ted pit	ch is s	et by GSP (Set basic calculated pitch).						
	 If the calcul is discarde 	lation r d.	esults	in fract	tions, the pitch is corrected to a minimal mechanical pitch and the rest						
Reference	ESC \$, ESC	T, ES	C W, E	ESC	GS \$, GS P						

<u>GS ^ r t m</u>

Name	Execute ma	cro									
Code	ASCII	GS	۸	r	t	m					
	Hex.	1D	5E	r	t	m					
	Decimal	29	94	r	t	m					
Defined Region	0 <u>≤</u> r <u>≤</u> 255										
	0 <u>≤</u> t <u>≤</u> 255										
	0 <u>≤</u> m <u>≤</u> 1										
Function	• Executes a	define	ed macro) .							
	r specifies	the nu	mber of	times t	o exe	cute the macro.					
	t specifies	the tim	ne to wait	t when	exec	uting the macro.					
	m specifies the macro execution mode.										
	m = 0: Executes the macro continuously the r number of times while interposing time gaps specified by t.										
	m = 1: After an amount of time specified by t, the POWER LED flashes and waits for the paper feed switch to be pressed.										
	The macro is executed once when the paper feed switch is pressed.										
	This operation is repeated the number of times specified by r.										
Details	• After executing a macro once, the printer waits approximately (t x 100 m) sec according to that specified by t.										
	• When processing this command while defining a macro, the macro definition is terminated and the contents of the definition are cleared.										
	• When a ma	acro is	undefine	ed, and	l r = 0	, this command is ignored.					
	• When m =	1, рар	er is not	fed us	ing th	e paper feed switch while the macro is being executed.					
STAR	 If a raster g a parallel in 	graphic nterfac	c comma ce, the us	nd (GS ser sho	S v) is uld be	received while executing a macro on a printer equipped with a ware that the printer will enter a BUSY state.					
Reference	GS :										

<u>GS a n</u>

Name	Enable	Enable/disable transmission of automatic status									
Code	ASCII	GS	а	n							
	Hex.	1D	61	n							
	Decim	al 29	97	n							
Defined Region	0 <u>≤</u> n <u>≤</u>	n ≦ 255									
Initial Value	DIPSW "When automatic status function is disabled": $n = 0$										
	DIPSW "When automatic status function is enabled": $n = 2$										
Function	 Selects the statuses that are targeted for transmission with the automatic status function (ASE Automatic Status Back). 										
	Bit	Statuses Targeted for ASB				"0"	"1"				
	7	Black Mar	ack Mark Detector			Invalid	Valid				
	6	Undefined									
	5	Undefined									
	4	Undefined									
	3	Continuou	s Pape	er Detector		Invalid	Valid				
	2	Error				Invalid	Valid				
	1	ONLINE/C	FFLIN	E Status		Invalid	Valid				
	0	Drawer kick	conne	ctor pin #3		Invalid	Valid				

Details

• If any status is effective, it is sent when this command is executed.

Statuses that are enabled later are sent when they change. At this time, the current status is represented. Even if the status is not targeted for ASB (Automatic Status Back), there can be changes to that status.

- If all statuses are disabled, the ASB (Automatic Status Back) function is disabled.
- If the ASB is enabled in default status, the status is sent when communications are ready after turning on the power.
- The printer transmits statuses in the following 4 bytes without confirming whether the host computer can receive data.

It always sends 4 byte statuses consecutively, except for the XOFF code.

- Because this command is executed while expanding the reception buffer, there may be a delay between the reception of the command and the status transmission, depending on the reception buffer status.
- Even if the printer specification is cancelled by ESC = (Select peripheral devices), 4 byte status is sent when there is a change in the status.
- If using DLE EOT (Real-time status transmission), GS I (Printer ID transmission), or GS r (Transmission of status), it is necessary to identify the statuses using these commands and the status of ASB.
- See Appendix-2 for details on statuses.

Reference DLE EOT, GS r, Appendix-2

<u>GS b n</u>

Name	Specify/cancel smoothing								
Code	ASCII	GS	b	n					
	Hex.	1D	62	n					
	Decimal	29	98	n					
Defined Region	0 <u>≤</u> n <u>≤</u> 255								
Initial Value	n = 0								
Function	Specifies or cancels smoothing.								
	• Cancels smoothing when n = <******0>B.								
	 Specifies smoothing when n = <******1>B. 								
Details	 n is effective only when it is the lowest bit. 								
	Targets for smoothing are: embedded characters, download characters and external characters								
	• Even if smoothing is specified, it will not be performed if the character is set for magnification in either the vertical or horizontal directions.								
STAR	STAR printe	rs igno	re this c	command (3 bytes are discarded).					
Reference	ESC !, GS !								
<u>GS c</u>									
-------------	--	-------------------------------	--	--	--	--	--	--	
Name	Print counte	r							
Code	ASCII	GS	c						
	Hex.	1D	63						
	Decimal	29	99						
Function	After expanding the current serial counter value as print data (a character string) to the print buffer, the printer counts up or counts down according to the count mode.								
Details	 The counter value expanded to the print buffer the printer prints by either the print instruction or by a print buffer full. 								
	The counter print mode is set by GS C 0.								
	 The counter mode is set by GS C 1, or GS C ;. 								
	 In the count up mode, if the counter value specified by this command goes out of the counter operating range, specified by GSC1 or GSC;, it is forced to convert to the minimum value by the execution of this command. 								
	 In the course operating resecution of the secution of the security of the securit	nt dowi ange, of this o	n mode, if the counter value specified by this command goes out of the counter specified by GSC1 or GSC;, it is forced to convert to the maximum value by the command.						
Reference	GS C 0, GS	C 1, G	S 2, GS C ;						

<u>GS f n</u>

Name	Select HRI	charac	ter font					
Code	ASCII	GS	f	n				
	Hex.	1D	66	n				
	Decimal	29	102	n				
Defined Region	n = 0,1,48,4	.9						
Initial Value	n = 0							
Function	Selects the printing position of HRI character font when printing bar codes.							
	n 0, 48 1, 49	Seleo Seleo	cts Font / cts Font I	Fo A (12 x B (9 x 1	nt 24). 7).			
Details	• HRI is an a	acrony	m for H	uman	Readable Interpretation.			
	• HRI charad	cters a	are printe	ed in a	position specified GS H (Select HRI character print position).			
STAR	The followin	ig are	the HRI	chara	cter font configurations on STAR printers.			
	Characte	er Font	S	Horizontal Dots x Vertical Dots				
	Font A				12 x 24 Dots			
	Font B				9 x 24 Dots			

Reference GS H, GS k

<u>GS h n</u>

Name	Set bar code height					
Code	ASCII	GS	h	n		
	Hex.	1D	68	n		
	Decimal	29	104	n		
Defined Region	1 <u>≤</u> n <u>≤</u> 255					
Initial Value	n = 162					
Function	Sets bar code height to n dots.					
Reference	GS k					

<u>1. GS k m d1 ... dk NUL, 2. GS k m n d1 ... dk</u>

Name	Print bar c	ode						
Code	1. ASCII	GS	k	md1dk NUL				
	Hex.	1D	6B	md1dk NUL				
	Decimal	29	107	md1dk NUL				
	2. ASCII	GS	k	m nd1dk				
	Hex.	1D	6B	m nd1dk				
	Decimal	29	107	m nd1dk				
Defined Region	1. 0 <u>≤</u> m <u>≤</u>	6	The definition region of k and d differ according to the bar code type.					
	2. 65 <u>≤</u> m <u>s</u>	2. 65 <u>≤</u> m <u>≤</u> 73		The definition region of n and d differ according to the bar code type.				
Function	Selects ba	r code	e type and prints bar codes.					

For 1:

m	Bar Code Type	Defined region of k	Defined region of d
0	UPC-A	11 <u>≤</u> k <u>≤</u> 12	48 <u>≤</u> d <u>≤</u> 57
1	UPC-E	11 <u>≤</u> k <u>≤</u> 12	48 <u>≤</u> d <u>≤</u> 57
2	JAN13 (EAN13)	12 <u>≤</u> k <u>≤</u> 13	48 <u>≤</u> d <u>≤</u> 57
3	JAN8 (EAN8)	7 <u>≤</u> k <u>≤</u> 8	48 <u>≤</u> d <u>≤</u> 57
4	CODE39	1 <u>≤</u> k	48 ≦ d ≦ 57, 65 ≦ d ≦ 90, 32, 36, 37, 43, 45, 46, 47
5	ITF	$2 \leq k$ (However, this is an even number.)	48 <u>≤</u> d <u>≤</u> 57
6	CODABAR	1 <u>≤</u> k	48 ≦ d ≦ 57, 65 ≦ d ≦ 68, 36, 43, 45, 46, 47, 58

For 2:

m	Bar Code Type	Defined region of n	Defined region of d
65	UPC-A	11 <u>≤</u> n <u>≤</u> 12	48 <u>≤</u> d <u>≤</u> 57
66	UPC-E	11 <u>≤</u> n <u>≤</u> 12	48 <u>≤</u> d <u>≤</u> 57
67	JAN13(EAN13)	12 <u>≤</u> n <u>≤</u> 13	48 <u>≤</u> d <u>≤</u> 57
68	JAN8(EAN8)	7 <u>≤</u> n <u>≤</u> 8	48 <u>≤</u> d <u>≤</u> 57
69	CODE39	1 <u>≤</u> n <u>≤</u> 255	48 ≦ d ≦ 57, 65 ≦ d ≦ 90, 32, 36, 37, 43, 45, 46, 47
70	ITF	2 <u>≤</u> n <u>≤</u> 255 (Even number)	48 <u>≤</u> d <u>≤</u> 57
71	CODABAR	1 <u>≤</u> n <u>≤</u> 255	48 ≦ d ≦ 57, 65 ≦ d ≦ 68, 36, 43, 45, 46, 47, 58
72	CODE93	1 <u>≤</u> n <u>≤</u> 255	0 <u>≤</u> d <u>≤</u> 127
73	CODE128	2 <u>≤</u> n <u>≤</u> 255	0 <u>≤</u> d <u>≤</u> 127

Details

For 1:

- This command is quit by the NULL code.
- For UPC-A and UPC-E, a bar code is printed when 12 bytes of bar code data are input. Subsequent data is processed as normal data.
- For JAN13 (EAN13), a bar code is printed when 13 bytes of bar code data are input. Subsequent data is processed as normal data.
- For JAN8 (EAN8), a bar code is printed when 8 bytes of bar code data are input. Subsequent data

is processed as normal data.

• The data count for ITF bar codes is always even numbered. If the data count is odd numbered, the last data is ignored.

For 2:

- n specifies the data count. n bytes from the next data is processed as bar code data.
- If n is outside of the defined region, the command is stopped and normal printing commences from subsequent data.

When in standard mode:

- If d is outside of the defined region, only a paper feed is executed and normal printing commences from subsequent data.
- If the horizontal width of the bar code exceeds the print region of one line, the paper is fed without printing the bar code.
- Executes a paper feed for the height of the bar code (including HRI characters when HRI character printing is specified) regardless of the line feed amount using the following commands.
- a. ESC 2: Set default line spacing
- b. ESC 3: Set line feed amount
- This command is effective only when no data exists in the print buffer. If there is data in the print buffer, data after m is printed as normal data.
- Sets the next print position to the beginning of the next line after printing the bar code.
- Excluding upside-down printing, print modes (emphasized printing, double printing, underlines, character sizes) are unaffected.

When in page mode:

- Executes only a bar code expansion but does not print it. After expanding the bar code, the next dot after the last data of the bar code is the starting position for the expansion of subsequent data.
- If d is outside of the defined region, the command is stopped and normal printing commences from subsequent data. The position for starting data expansion does not move.
- If the horizontal width of the bar code exceeds the print region of one line, the data expansion starting position is moved to the left side outside the printing region without printing the bar code.

<When using CODE 93 bar code (m = 72)>

- Prints an HRI character (
) of the start characters at the top of the HRI character string.
- Prints an HRI character (
) of the end characters at the top of the HRI character string.
- Prints HRI characters of the control characters (00H to 1FH and 7FH) combining (■) and one letter of the alphabet.

Control Characters		HRI	Control Characters		cters	HRI	
ASCII	Hex.	Decimal	Characters	ASCII	Hex.	Decimal	Characters
NUL	00	0	∎U	DLE	10	16	∎P
SOH	01	1	∎A	DC1	11	17	∎Q
STX	02	2	∎B	DC2	12	18	∎R
ETX	03	3	∎C	DC3	13	19	∎S
EOT	04	4	∎D	DC4	14	20	∎T
ENQ	05	5	∎E	NAK	15	21	∎U
ACK	06	6	∎F	SYN	16	22	∎V
BEL	07	7	∎G	ETB	17	23	∎W
BS	08	8	∎H	CAN	18	24	∎X
HT	09	9	∎I	EM	19	25	∎Y
LF	0A	10	∎J	SUB	1A	26	∎Z
VT	0B	11	∎K	ESC	1B	27	∎A
FF	0C	12	∎L	FS	1C	28	∎B
CR	0D	13	∎M	GS	1D	29	∎C
SO	0E	14	■N	RS	1E	30	∎D
SI	0F	15	∎ 0	US	1F	31	∎E
				DEL	7F	127	∎T

<When using CODE 128 bar code (m = 73)>

- See Appendix-6 for details on CODE 128 bar codes and code tables.
- To print CODE 128 bar codes on this printer, be careful of the following points to send the bar code data.
- a. At the top of the bar code string, always set the code set selection characters (either of the CODE A, CODE B, or CODE C) to select the initial code set.
- b. Specify special characters using the two characters of '{' and one subsequent character. Also, the '{' of the ASCII characters are specified by sending '{' for two characters consecutively.

Special Characters	1	ansmission Data		
	ASCII	Hexadecimal	Decimal	
SHIFT	{S	7B, 53	123, 83	
CODE A	{A	7B, 41	123, 65	
CODE B	{B	7B, 42	123, 66	
CODE C	{C	7B, 43	123, 67	
FNC1	{1	7B, 31	123, 49	
FNC2	{2	7B, 32	123, 50	
FNC3	{3	7B, 33	123, 51	
FNC4	{4	7B, 34	123, 52	
'{'	{{	7B, 7B	123, 123	

- If the top of the bar code data string is not a code set selection character, the command is stopped and processing is handled normally from subsequent data.
- If the combination of '{' and 1 character immediately after does not conform to either of the special characters, the command is stopped and processing is handled normally from subsequent data.
- If a character that cannot be used with the selected code set is received, the command is stopped and processing is handled normally from subsequent data.

HRI characters that correspond to shift characters and code set selection characters are not printed.
HRI characters of function characters are printed with a space.
HRI characters of the control characters (00H to 1FH and 7FH) are printed with a space.
STAR
If printing bar codes that require check digits on STAR printers, even if the check digit is sent as a bar code, the check digit that was calculated on the printer is printed.

Reference GS H, GS f, GS h, GS w, Appendix-6

<u>GS r n</u>

Name	Transmis	sion of s	tatus						
Code	ASCII	GS	r	n					
	Hex.	1D	72	n					
	Decimal	29	114	n					
Defined Region	n = 1, 2, -	49, 50							
Function	Sends th	e specifie	ed statu	S.					
	• n = 1, 4	9: Sends	paper	detector stat	us				
	• n = 2, 5	0:	Sends	the drawer	kick connec	ctor status.			
Details	When using a serial interface:								
	• When in DTR/DSR control: Sends the status after checking that the host can received data.								
	If the host is not able to receive data, it waits until reception is possible.								
	• When in XON/XOFF control: The printer transmits statuses without confirming whether the host computer can receive data.								
	 Because this command is executed while expanding the reception buffer, there may be a delay between the reception of the command and the status transmission, depending on the reception buffer status. 								
	 When ASB is enabled using the GS a (enable/disable auto status transmission) command, the status transmitted by this command and the ASB status must be differentiated. See Appendix-2 for details on how to identify. 								
	Detector Status (n = 1, 49)								
	Bit S	tatus				"0"	"1"]	
	7 Fi	ixed at "0	"					7	

DIL	Status	0	
7	Fixed at "0"		
6	Undefined		
5	Undefined		
4	Fixed at "0"		
3	Paper roll end detector	Has Paper	Paper out
2	Paper roll end detector	Has Paper	Paper out
1	Paper roll near end detector	Has Paper	Paper out
0	Paper roll near end detector	Has Paper	Paper out
D'1 0			

Bit-2,3: If the end detector shows there is no paper, the printer will always go offline, so this command is not executed. Therefore, the status of bit -2 = 1 or bit -3 = 1 is not sent.

Drawer Kick Connector Status (n = 2, 50)

Bit	Status	"0"	"1"
7	Fixed at "0"		
6	Undefined		
5	Undefined		
4	Fixed at "0"		
3	Undefined		
2	Undefined		
1	Undefined		
0	Drawer kick connector pin #3	"L"	"H"

Reference

DLE EOT, GS a, Appendix-2

GS v 0 m xL Hy yL yH d1 ... dk

Name	Print raste	r bit im	ages							
Code	ASCII	GS	v	0	m	xL	хH	уL	yHd1dk	
	Hex.	1D	76	0	m	xL	хH	уL	yHd1dk	
	Decimal	29	118	0	m	xL	хH	уL	yHd1dk	
Defined Region	0 <u>≤</u> m <u>≤</u> 3,	48 <u>≤</u> m	n <u>≤</u> 51							
	0 <u>≤</u> xL <u>≤</u> 2	55								
	0 <u>≤</u> xH <u>≤</u> 2	55								
	0 <u>≤</u> yL <u>≤</u> 2	55								
	0 <u>≤</u> yH <u>≤</u> 8									
	0 <u>≤</u> d <u>≤</u> 25	5								
	k = (xL+x	H×256)) × (yL+y	/H×25	6) Hov	wever,	k ≠ 0			
Function	Prints rast	er metl	nod bit ii	mages	using	, mode	em.			
	m		Мо		De	ensity o	f Vert. I	Dir. Dots	Density of Hor. Dir. Dots	
	0, 48		Normal Mode				1	80 DPI		180 DPI
	1, 49		Double-wide Mode			180 DPI				90 DPI
	2,50		Double-tall Mode			90 DPI				90 DPI
Details	 xL and xF yL and yF This com selected. Print mo- black/white 	I specif I specif mand i des (cl	y the ho y the ve s effection naracter	ve only size,	al dire directio y wher enhar	ction c on data n there nced c	lata co a coun e is no p charact	unt for t for or orint da ers, du	one bit image ne bit image ata in the prin uplicated cha	ge (xL + xH x 256) in bytes. (yL + yH x 256) in bytes. It buffer when standard mode is aracters, upside down, unline,
	Data not in the print region is discarded in dot increments									
	 It is possible to specify any position to start printing raster bit images according to HT (Horizontal tab), ESC \$ (Specify absolute position), ESC \ (Specify relative position) and GS L (Specify let margin). However, if the print starting position is no a multiple of 8, printing speed will decrease. 									
	• ESC a (F	 ESC a (Position alignment) settings are effective also for raster bit images. 								
	 When ex command 	 When executing this command while defining a macro, the macro definition is terminated and the command commences with processing. 								
	The mac	ro durir	ng this ti	me is	undefi	ned.				
	 d specifie 	es defir	ned data	l .						

• Bits that correspond to the dots to print are 1, and the bits that correspond to the dots that are not printed are 0.

STAR

- On STAR printers, the ACK pulse width when using a parallel interface is fixed at 1 µsec.
 - When in page mode, transmission of this command is prohibited. If sent, the results of the print are not guaranteed.

• Dot density (when the STAR printer head = 203 DPI) on STAR printers.

m	Mode	Density of Vert. Dir.	Density of Hor. Dir.
		Dots	Dots
0, 48	Normal Mode	203 DPI	203 DPI
1, 49	Double-wide Mode	203 DPI	101 DPI
2, 50	Double-tall Mode	101 DPI	203 DPI
3, 51	Quadruple Mode	101 DPI	101 DPI



<u>GS w n</u>

Name	Set bar code horizontal size					
Code	ASCII	GS	w	n		
	Hex.	1D	77	n		
	Decimal	29	119	n		
Defined Region	1 <u>≤</u> n <u>≤</u> 6					
Initial Value	n = 3					
Function	Sets the bar code horizontal siz					
	n Multi-level Bar Code Module					

n	Multi-level Bar Code Module	Binary Leve	Binary Level Bar Code				
	Width [mm]	Fine Element Width	Thick Element Width				
		[mm]	[mm]				
1	0.141	0.141	0.423				
2	0.282	0.282	0.706				
3	0.423	0.423	1.129				
4	0.564	0.564	1.411				
5	0.706	0.706	1.834				
6	0.847	0.847	2.258				

Details

STAR

• Multi-level bar codes specify the follow bar code types.

UPC-A, UPC-E, JAN13 (EAN13), JAN8 (EAN8), CODE 93, CODE 128

• Binary level bar codes specify the follow bar code types.

CODE39, ITF, CODABAR

 The bar codes that are printed do not conform to each standard, so you should confirm before actual use.

Particularly, if n = 1 is specified, the bar code is not guaranteed.

• The following are the module widths on STAR printers.

n	Multi-level Bar Code Module	Binary Level Bar Code				
	Width [mm]	Fine Element Width	Thick Element Width			
		[mm]	[mm]			
1	0125	0.125	0.375			
2	0.25	0.25	0.625			
3	0.375	0.375	1.125			
4	0.5	0.5	1.375			
5	0.625	0.625	1.75			
6	0.75	0.75	2.25			

Reference

GS k

4-3-2 Chinese Character Control Commands

Chinese character control commands are ignored by models shipped to single-byte countries. All Chinese character control commands are ignored if the specification for the location of use is specified as SBCS (single byte countries) by the memory switch.

<u>FS ! n</u>

Name	Batch specify Chinese character print mode						
Code	ASCII	FS	!	n			
	Hex.	1C	21	n			
	Decimal	28	33	n			
Defined Region	0 <u>≤</u> n <u>≤</u> 255						
Initial Value	n = 0						

Function

Batch specifies the Chinese character print mode

Bit	Function	"0"	"1"
7	Underline	OFF	ON
6	Undefined		
5	Undefined		
4	Undefined		
3	Double tall expanded	OFF	ON
2	Expanded wide	OFF	ON
1	Undefined		
0	Undefined		

Details

STAR

- Quadruple-size characters are printed by specifying both double-tall and double-wide modes.
 - An underline is applied to Chinese characters for the entire character width, including the FS S (left and right character space amount).

However, underlines are not applied to portions that have been skipped using HT (horizontal tab) or rotated 90 degrees.

- The width of the Chinese character underline is set by FS (specify Chinese character underline) regardless of the character size.
- The base line for characters is the same when there are characters having different vertical direction ratios in the same line.
- Chinese character size can be specified by FS W and GS !, but the last executed command is effective.
- Chinese character underline is specified and cancelled by FS -, but the last executed command is effective.
- This command is ignored when the memory switch location of use is specified as SBCS (single byte countries).

Reference FS -, FS W, GS !

<u>FS &</u>										
Name	Specify Ch	Specify Chinese character mode								
Code	ASCII	FS	&							
	Hex.	1C	26							
	Decimal	28	38							
Function	Specifies (Chinese	characters mode.							
Details	 Japanese 	e Langu	age Character Specifi	ications						
	Chinese	characte	ers mode specificatior	n using this command	is enabled only when using	JIS codes.				
	 If the Chi character 	inese cl ⁻ codes.	haracters mode is sp	ecified, all character o	codes are handled as 2 by	e Chinese				
	Chinese	characte	er codes are processe	ed in the order first byt	e, second byte.					
	Chinese	characte	er mode is cancelled a	as the default setting.						
	 It is possi 	 It is possible to select the Chinese character code type using FS C. 								
	Chinese Language Character Specifications									
	• If Chinese character mode is specified, the first byte that follows processing of the character code equivalent to the first byte of the Chinese character code is processed as the second byte of the Chinese character code.									
	 Chinese character codes are processed in the order first byte, second byte. 									
	 Chinese character mode is specified as the default setting. 									
STAR	 This command is ignored when the memory switch location of use is specified as SBCS (single byte countries). 									
	• ANK adornment commands are possible for Chinese character enhancement (ESC E) and black/white inversion (GS B) However, if the Chinese character is enlarged over three times, enhancement is ignored. Enhancement of Chinese characters is also ignored for those characters rotated 90 degrees to the right (ESC V)									
	The follow	The following shows the 2 byte code defined area.								
	Specifica	tions		Def Upper Bytes	ined Area Lower Bytes					
	Japanese	e Chara	cters JIS Type	0x21 to 0x7E	0x21 to 0x7E					
	Japanese	e Chara	cters/Shift JIS Type	0x81 to 0x9F 0xE0 to 0xEF	0x40 to 0xFE					
	Chinese	characte	ers	0xA1 to 0xFD	0xA1 to FE (*)					
	(*) Bit – 7 0xA121)	of the lo	ower bytes of the Chi	nese characters is alv	vays processed as MASK ($DxA1A1 \rightarrow$				

Reference FS., FS C



<u>FS – n</u>

Name	Specify/ca	ncel Ch	ninese c	characte	er underline	
Code	ASCII	FS	-	n		
	Hex.	1C	2D	n		
	Decimal	28	45	n		
Defined Region	0 <u>≤</u> n <u>≤</u> 2, 4	48 <u>≤</u> n <u>≤</u>	<u>≤</u> 50			
Initial Value	n = 0					
Function	Specifies c	els Chir	nese ch	aracter underline	s.	
	n	Funct	tion			
	0 49	Cono	ala Chi		orootor undorling	_

	0, 48	Cancels Chinese character underline				
	1, 49	Sets to one-dot width Chinese character underline and				
		specifies Chinese character underlines.				
	2, 50	Sets to two-dot width Chinese character underline and				
		cancels Chinese character underlines.				
Details	 An underlinght chara 	ine is applied to Chinese characters for the entire character width, including the left and acter space amount.				
	However, rotated 90	underlines are not applied to portions that have been skipped using HT (horizontal tab) or degrees to the right.				
 When Chinese character underline mode is cancelled by setting the value of n to 0 Chinese character data is not underlined, and the underline thickness set before the m off is maintained. 						
	In default,	the underline width for Chinese characters is set to 1 dot.				
	The set C of the cha	hinese character underline width is the constant specified thickness regardless of the size racter.				
	• The FS ! (underline	Batch specify Chinese character print mode) command can also turn Chinese character mode on or off, but the setting of the last received command is effective.				
STAR	• This command is ignored when the memory switch location of use is specified as SBCS (single byte countries).					
	• The under	rline for Chinese characters is applied in the following positions.				
	 1-dot widt 	h underline \rightarrow 24 th dot				
	• 2-dot thick	eness underline \rightarrow 23 rd and 24 th dot				
Reference	FS !					

<u>FS .</u>						
Name	Cancel Chinese character mode					
Code	ASCII FS .					
	Hex. 1C 2E					
	Decimal 28 46					
Function	Cancels Chinese characters mode.					
Details	Japanese Language Character Specifications					
	• Chinese characters mode specification using this command is cancelled only when using JIS codes.					
	• If the Chinese character mode is specified, all character codes are handled as 1 byte ASCII codes.					
	 Chinese character mode is cancelled as the default setting. 					
	Chinese Language Character Specifications					
	• If the Chinese character mode is specified, all character codes are handled as 1 byte ASCII codes.					
	 Chinese character mode is specified as the default setting. 					
STAR	 This command is ignored when the memory switch location of use is specified as SBCS (single byte countries). 					
Reference	FS &, FS C					

FS 2 c1 c2 d1 (<u>dk</u>							
Name	Define external character							
Code	ASCII	FS	2	c1	c2d1dk			
	Hex.	1C	32	c1	c2d1dk			
	Decimal	28	50	c1	c2d1dk			
Defined Region	• c1 and c2	2 differ a	accord	ing to s	specifications and code typ	e. See belov	v .	
	Specificati	ons				c1	c2	7
	Japanese	Characte	er Spec	cificatio	ns (JIS code type)	c1=77H	21H <u>≤</u> c2 <u>≤</u> 7EH	
	Japanese	Characte	er Spec	cificatio	ns (SHIFT-JIS code type)	c1=ECH	40H <u>≤</u> c2 <u>≤</u> 7EH	
			0				80H ≤ c2 ≤ 9EH	_
	Chinese La	anguage	Chara	cter Sp	ecifications	C1=FEH	A1H <u>≤</u> c2 <u>≤</u> FEH	
	• 0 <u>≤</u> u <u>≤</u> 2:	55						
	• k = 72							
Initial Value	All spaces							
Function	Defines th and c2.	he exter	nal ch	aracte	r pattern of the Chinese ch	aracter to a c	haracter code spec	ified by c1
Details	 c1 and c2 byte; c2 is 	2 indica s the se	te the cond l	Chine oyte.	se character code that def	fines the exte	ernal character; c1	is the first
	 d specifie to the dot 	es define ts that a	ed data re not	a. Bits f printed	that correspond to the dots d are 0.	to print are 1	, and the bits that c	orrespond
	Defined d	lata is c	leared	by ES	SC @.			
STAR	This comic countries	mand is).	ignore	ed whe	n the memory switch locati	on of use is s	pecified as SBCS (single byte
	 External of same reg 	characte jion.	er regis	stratior	n of JIS codes and SHIFT-J	IS codes for J	lapanese character	's uses the
Reference	FS C							
	4		2	24 dots	>	7 MSB		





d1 = <00>H	d4 = <03>H	d7 = <0F>H	d10 = <0D>H	d13 = <0C>H	d16 = <0D>H • • •
d2 = <00>H	d5 = <0C>H	d8 = <0C>H	d11 = <80>H	d14 = <03>H	d17 = <83>H • • •
d3 = <00>H	d6 = <00>H	d9 = <00>H	d12 = <00>H	d15 = <00>H	d18 = <80>H • • •

<u>FS C n</u>

Name	Select Chine	ese cha	aracter	code type						
Code	ASCII	FS	С	n						
	Hex.	1C	43	n						
	Decimal	28	67	n						
Defined Region	n = 0, 1, 48,	49								
Initial Value	n = 0									
Function	Selects the 0	Chines	e chara	acter code type.						
	n 0, 48 1, 49	Sel JIS SHI	ection Code Ty FT-JIS (ype Code Type						
Details	 If using the enabled on 	e JIS c ly whe	ode typ n using	e, the Chinese characters codes below are effective. This command is Japanese language specifications.						
	First Byte:	<21>H	to <7E	>H						
	Second Byte: <21>H to <7E>H									
	 If using the 	SHIF	T-JIS co	ode type, the Chinese characters codes below are effective.						
	First Byte: <81>H to <9F>H and <e0>H to <ef>H</ef></e0>									
	Second By	te: <40)>H to <	<7E>H and <80>H to <fc>H</fc>						
STAR	This common countries).	and is	ignored	when the memory switch location of use is specified as SBCS (single byte						

<u>FS S n1 n2</u>

Name	Set Chinese character space amount											
Code	ASCII	FS	S	n1	n2							
	Hex.	1C	53	n1	n2							
	Decimal	28	83	n1	n2							
Defined Region	0 <u>≤</u> n1 <u>≤</u> 255	i										
	0 <u>≤</u> n2 <u>≤</u> 255	5										
Initial Value	n1 = 0,n2 = 0	0										
Function	Sets the Chi	nese c	haract	er spa	ce amount and right space amount.							
	Left space	amour	nt: n1 x	(basic	calculated pitch)							
	Right space	e amou	unt: n2	x (bas	ic calculated pitch)							
Details	The space	amour	nt set b	y this o	command is the amount when using standard sized characters.							
	When expanding characters more than double in the horizontal direction, the space amount is [set amount x horizontal direction magnification].											
	 Space amount can be set independently for both the standard and page modes. 											
	The basic c character s	alculat pace a	ted pito amount	ch is se t, it is n	t by GSP (Set basic calculated pitch). Also, after setting the Chinese not affected even if the basic calculated pitch is changed.							
	• If there are	fractio	ons in t	he resi	ult, correct to the minimum mechanical pitch and discard.							
	• Use the bas	sic cal	culated	d pitch	(x) for the horizontal direction in standard mode.							
	• In page mo	de, the	e basic	calcula	ated pitch that is used according to the starting point is shown below.							
	a. When the (Character direction is	a. When the starting point is specified to be upper left or lower right by the ESC T command (Character print direction selection in page mode), the basic calculated pitch (x) for the horizontal direction is used.										
	b. When the starting point is specified to be upper right or lower left by the ESC T command, the basic calculated pitch (y) for the vertical direction is used.											
	c. The maxin (255/180 in	num va iches).	alue fo Spec	r the le ificatio	ft or right space for Chinese characters is approximately 35.893 mm ns that exceed the maximum value are rounded off to that value.							
STAR	This comma countries).	and is i	ignore	d wher	the memory switch location of use is specified as SBCS (single byte							
Reference	GSP											

<u>FS W n</u>

Name	Specify/cancel double-tall, double wide Chinese characters										
Code	ASCII	FS	W	n							
	Hex.	1C	57	n							
	Decimal	28	87	n							
Defined Region	0 <u>≤</u> n <u>≤</u> 255										
Initial Value	n = 0										
Function	Specifies or	cancel	s quadr	uple size Chinese characters.							
	• Cancels quadruple size when n = <******0>B.										
	 Specifies quadruple size when n = <******1>B. 										
Details	n is effective only when it is the lowest bit.										
	Quadruple expanded s	Quadruple size characters are those characters that have both vertical and horizontal directions expanded simultaneously.									
	 If quadruple normal size 	e size e.	is canc	elled using this command, the next Chinese character data is printed at							
	 The base direction ra 	line fo tios in	r chara the sam	cters is the same when there are characters having different vertical ne line.							
	• The FS ! (Batch specify Chinese character print mode) command or GS ! (Specify character size) can also specify the Chinese character size, but the setting of the last received command is effective.										
STAR	This comma countries).	and is i	ignored	when the memory switch location of use is specified as SBCS (single byte							
Reference	FS!, GS!										

4-3-3 ESC/POS Black Mark Commands

ESC/POS black mark related commands are to control the top of form (black mark) functions. These commands are effective only when the black mark function is valid.

<Black mark specifications>

- 1. Top of form (black mark detection) operation
- A. Selectable when power is turned on (when a reset signal is input), when a self-print test is completed, when the cover is closed and by the memory switch.

Memory Switch Setting	When power is turned on (reset signal is input) When self-print test is completed	When the cover is closed
(1)	Hold	Top of Form (black mark detection) + Cut
(2)	Top of Form (black mark detection)	Top of Form (black mark detection)
(3)	Top of Form (black mark detection) + Cut	Top of Form (black mark detection) + Cut

B. When the Feed switch is pressed

Performs Top of Form (black mark detection) operation

C. Command

See the following command details.

- 2 Black Mark Errors
- A. Black mark error is entered
- When white detection is detected continuously over 400mm when feeding paper A black mark error occurs
- When black detection is detected continuously over 9mm when feeding paper A paper out error occurs

(On models that dually use paper out sensor for the black mark sensor, the error is a paper out error.)

- B. Operations during a black mark error
- Error LED flashes
- Feed switch is invalid
- Only the following commands are invalid. Other commands are ignored.

DLE EOT n: Real-time Status Command

DLE ENQ n: Real-time Request Command (Black Mark Error Cancel Command)

- ASB Status is valid.
- C. How to cancel a black mark error
- Turn power on again (reset signal is input)

• Real-time request command (Black mark error cancel command) DLE ENQ n cancel the error.

<u>FF</u>		
Name	Print and rec	over to page mode
Code	ASCII	FF
	Hex.	0C
	Decimal	12
Function	 When in pa standard m 	ge mode, this prints all buffered data to the print region collectively, then recovers to the ode.
	 In standard black mark) 	mode, this prints the data in the print buffer and feeds paper to the TOF position (the).
Details	• In page mo	de, all buffer data is deleted after printing.
	 In page mo setting. 	de, the print area set by ESCW (Set print region in page mode) is reset to the default
	• In page mo	de, no paper cut is executed.
	• In page mo	de, this sets the print position to the beginning of the next line after execution.
STAR	• The TOF po	osition (black mark) varies according to the paper used and to customer specifications.
Reference	ESC FF, ES	C L, ESC S

<u>DLE ENQ n</u>

Name		Real-time	reque	st to pri	inter	
Code		ASCII	DLE	ENQ	n	
		Hex.	10	05	n	
		Decimal	16	5	n	
Defined F	Region	1 <u>≤</u> n <u>≤</u> 2				
Function		Responds	s to rea	quests r	n specifi	ications from the host in real-time. n specifications are below.
		n = 1: Re	cover f	rom the	error a	and start printing from the line where the error occurred.
		n = 2: Re	cover f	rom err	or after	clearing the reception buffer and print buffer.
Details		 This con peripher 	mmano al devi	l is ena ces).	abled e	ven when the printer specification is disabled by ESC = (select
		This con	nmand	is enal	oled onl	y when an auto-cutter and black mark errors occur.
		This con	nmand	is proc	essed u	upon reception.
		This con error sta	nmand tus on	is exec serial i	uted ev	ren when the printer is offline, the reception buffer is full, or there is an e models.
		This corprinter w receptio settings.	nmanc vill not n buffe	l canno enter a r full, of	t be exe BUSY s fline/rec	ecuted when the printer is BUSY on parallel interface models. • The status when offline or when there is an error when BUSY condition of ception buffer full is handled as a reception buffer full in the DIP switch
		The prin when DL	ter ret E EN	ains the ຊ 2 is e	e setting kecuted	s by ESC !, ESC 3, that were in effect when an error occurred even . The printer is initialized completely using this command and ESC @.
Notes:	 Operate is receive 	ors must i ed becau	use ca se it o	ution for perates	or othe s in the	r commands when the data string of <10>H<05>H <n> (1 \leq n \leq 2) same manner as this command.</n>
Ex.:	In ESC *	m n∟ nH [d]k, d′	= <1	0>H, d2	2 = <05>H, d3 = <01>H
	• Do not codes.	use this c	comma	and to i	nterrup	ot code strings of other commands that consist of 2 or more
Ex.:	lf you at host, it i	tempt to t s process	ransm ed as	it DLE ESC 3	EBQ 2 10H. O _l	up to transmitting ESC3 by trying to transmit ESC 3 n from the perators must use caution.
STAR		 Auto-cut non-reco Appendi 	ter er overab x-2 for	ror spe le auto- details	cificatio cutter e on auto	errors, three byes of this command are ignored. See b-cutter error specifications for model types.
		 The black position) memory 	ck marl) when switch	k error is this co setting	s cance mmand J (paper	led and the printer feeds paper to the top of form position (black mark is received during a black mark error. Paper is cut according to the position, cover close setting).
		• Models	conneo	cted to a	a presei	nter ignore this command.
		• When th	is com	mand is	s set to	n = 2, the printer is reset.
Referenc	е	DLE EOT	, Appe	ndix-2		

<u>GS FF</u>			
Name	Top of form	of mar	k paper
Code	ASCII	GS	FF
	Hex.	1D	0C
	Decimal	29	12
Function	Top of form	of mar	k paper
Details	This comm	and is	effective only when BM is valid. This command is ignored when BM is invalid.
	This comm	and is	enabled only when at the top of the line.
	This comm	and m	oves to the TOF position of BM.
STAR	STAR print	ters igr	ore this command.
	Byte count	s speci	ified by (pL + pH x 256) are discarded.
Reference	GS (F, FF		

<u>GS (F pL pH a m nL nH</u>

Name	Set black	mark ad	ljustme	ent val	ue								
Code	ASCII	GS	(F	pL	pН	а	m	nL	nH			
	Hex.	1D	28	46	рL	pН	61	m	nL	nH			
	Decimal	29	40	70	рL	pН	97	m	nL	nH			
Defined Region	(pL+pHx2	(pL+pHx256) = 4, pL = 4, pH = 0											
	1 <u>≤</u> a <u>≤</u> 2												
	m = 0,1,48	m = 0,1,48,49											
	0 <u>≤</u> nL + n	0 <u>≤</u> nL + nH × 256 <u>≤</u> 65535, 0 <u>≤</u> nL <u>≤</u> 255, 0 <u>≤</u> nH <u>≤</u> 255											
Initial Value	All adjustr	nent val	ues =	0									
Function	Sets the a	idjustme	ent valu	ue of th	ne blad	ck mar	k detec	tion po	osition				
	a specifies	a specifies the type of adjustment value.											
	a	a Function											
	1	Sets	the adj	ustmer	nt value	e of the	black m	ark det	ection	position.			
	2	2 Sets the adjustment value of the paper cutting position after black mark detection.											
	m specifie	m specifies the direction of adjustment.											
	m	m Function											
	0, 48	0, 48 Forward Direction (Paper Feed Direction)											
	1,49	1, 49 Reverse Direction											
Dotaile	• Whon n	nL, nH specify the amount of adjustment.											
Details	terminate	ed and t	he con	nmanc	l comr	nences	s with p	rocess	acro, sing.		JIALEIY		
	• The blac	• The black mark detection position (a = 1) is affected by the following command operations.											
	•FF	•FF											
	•GS FF	•GS FF											
	 The paper operation 	 The paper cutting position after black mark detection (a = 2) is affected by the following command operation. 											
	•GSVm	•GSVmn											
	 Because the rece receptior 	 Because this command is executed when processing a normal command after it is stored once in the reception buffer, there may be a delay between the reception of the command from the reception buffer to the actual operation. 											
STAR	On STAI edge of t the posit	R printei the mari ion usin	rs, the (so, to g this (defaul make comma	lt value e it the and.	e of the same	e black positio	mark n as o	detect n EPS	ion position is 2 mm from the t SON printers, it is necessary to	oottom adjust		
Reference	FF, GS FF	=, GS V											

GS (M pL pH n m (Function Code: n = 1, 49)

Name	Save black r	nark ad	djustm	ent val	ue						
Code	ASCII	GS	(М	pL	рН	n	m			
	Hex.	1D	28	4D	pL	рН	n	m			
	Decimal	29	40	77	pL	рН	n	m			
Defined Region	(pL+pHx256) = 2, p	oL = 2,	pH = ()						
	n = 1, 49										
	1 <u>≤</u> m <u>≤</u> 3, 49 <u>≤</u> m <u>≤</u> 51										
Function	• Saves the black mark adjustment value set by the GS (F command to the mth region in the volatile memory.										
	After saving	to a no	on-vola	atile me	emory,	the prin	ter is	reset.			
	m	Function									
	1	Saves	the ad	ljustmer	nt value	e to the 1 ⁵	st savin	ng region of the non-volatile memory.			
	2	Saves	the ac	ljustmer	nt value	e to the 2	nd savii	ng region of the non-volatile memory.			
	3	Saves	the ad	ljustmer	nt value	e to the 3	rd savir	ng region of the non-volatile memory.			
	Consider the	e life of	the no	on-vola	tile me	emory ar	nd avo	bid over-use of this command.			
Reference	GS (F										

GS (M pL pH n m (Function Code: n = 2, 50)

Name	Load black r	Load black mark adjustment value									
Code	ASCII	GS	(Μ	pL	рН	n	m			
	Hex.	1D	28	4D	pL	рН	n	m			
	Decimal	29	40	77	pL	рН	n	m			
Defined Region	(pL+pHx25	6) = 2,	pL = 2	2, pH =	0						
	n = 2, 50										
	1 <u>≤</u> m <u>≤</u> 3, 49 <u>≤</u> m <u>≤</u> 51										
Function	Loads the m	n positio	on bla	ck marł	k adjus	stment v	alue ir	n the volatile memory.			
	m	Functi	on								
	1	Loads	the ac	ljustmer	nt value	from the	e 1 st sa	ving region of the non-volatile memory.			
	2	Loads	the ac	ljustmer	nt value	from the	e 2 nd sa	aving region of the non-volatile memory.			
	3	Loads	the ac	ljustmer	nt value	from the	e 3 rd sa	ving region of the non-volatile memory.			
Reference	GS (F										

GS (M pL pH n m (Function Code: n = 3, 51)

Name	Set black m	ark adj	ustme	nt valu	e auto	-load wh	nen po	owering on				
Code	ASCII	GS	(М	pL	рН	n	m				
	Hex.	1D	28	4D	pL	рН	n	m				
	Decimal	29	40	77	pL	рН	n	m				
Defined Region	(pL+pHx256	6) = 2, p	oL = 2,	pH = (0							
	n = 3, 51	n = 3, 51										
	1 <u>≤</u> m <u>≤</u> 3, 49 <u>≤</u> m <u>≤</u> 51											
Function	Validates/invalidates the black mark adjustment value auto-load when powering on.											
	After saving the setting to the non-volatile memory, the printer is reset.											
	m	Functi	on									
	0	Auto-I	oad fur	nction in	valid							
	1	Auto-I	oads th	ne 1 st ac	djustme	nt value	of the	non-volatile memory when powering on.				
	2	Auto-I	oads th	ne 2 nd a	djustme	ent value	of the	non-volatile memory when powering on.				
	3	Auto-I	oads th	ne 3 rd ac	djustme	ent value	of the	non-volatile memory when powering on.				
	Consider th	e life of	the no	on-vola	itile me	emory a	nd avo	bid over-use of this command.				
Reference	GS (F											

<u>GS <</u>			
Name	Mechanically	y initial	ize printer
Code	ASCII	GS	<
	Hex.	1D	3C
	Decimal	29	60
Function	Cuts paper a	after fe	eding to the TOF (black mark).
Details	Does not a	ffect ot	her settings.
	This comm	and is	effective in standard mode and page mode.
STAR	• The TOF p	osition	(black mark) varies according to the paper used and to customer specifications.

<u>GS V m n</u>

Name	Cut paper												
Code	ASCII	GS	V	m	n								
	Hex.	1D	56	m	n								
	Decimal	29	86	m	n								
Defined Region	m = 65, 66	6, 0 <u>≤</u> n	<u>≤</u> 255										
Function	Executes	Executes the specified paper cut.											
	m 65 66 67 68	m Function 65 Feeds paper to (cutting position + [n x basic calculated pitch]) and performs a full cut 66 Feeds paper to (cutting position + [n x basic calculated pitch]) and performs a partial cut (one point uncut) 67 Not Used 68 Not Used											
Details	 This corr used. 	imand is	s effect	ive onl	y whe	n processed at the top of the line when standard mode is b	being						
	 Feeds paper to the TOF position (black mark) when n = 0, then cuts the paper. 												
	 Feeds paper [n x basic calculated pitch] beyond the TOF position (black mark) when n ≠ 0, then cuts the paper. 												
	 The basi 	 The basic calculated pitch is set by GSP (Set basic calculated pitch). 											
	• Use the basic calculated pitch (y) relating to the vertical direction for the paper feed amount.												
	If the calculation results in fractions, the pitch is corrected to a minimal mechanical pitch and the rest is discarded.												
STAR	• The auto-cut function differs according to the model. A partial cut is executed on those models that cannot perform a full cut.												
	A full cu specifica	A full cut is executed on those models that cannot perform a partial cut. Refer to the product specifications manual for the specifications of the auto-cut function.											
	 Models taccompare of (tear backet) 	• Models that do not have the auto-cut function do not cut paper. However, commands that accompany a paper feed of (cutting position + [n x basic calculated pitch]) (n = 65, 66), a paper feed of (tear bar position + [n x basic calculated pitch]) is executed.											
	• The TOF	positio	n (blac	k mark) varie	s according to the paper used and to customer specificati	ions.						
Reference	ESC i, ES	Cm											

4-3-4 STAR Original Commands

STAR original commands are not regulated by the ESC/POS control codes, but are standard for improved functions and for independent STAR functions.

ESC GS = nL nH da1 ... dak db1 ...dbk

Write data to a blank code page										
ASCII	ESC	GS	=	nL	nHda1dak	db1dbk				
Hex.	1B	1D	3D	nL	nHda1dak	db1dbk				
Decimal	27	29	61	nL	nHda1dak	db1dbk				
nL = 0										
nH = 48										
1 <u>≤</u> nL+ (nH x 256)										
0 <u>≤</u> da <u>≤</u> 255 (Font-A Data)										
0 <u>≤</u> db <u>≤</u> 255 (Font-B Data)										
k = nL+ (n	H x 256	5)								
Stores blank code page data in non-volatile memory.										
• A blank o It is selec t n) sets	code pag cted whe n = 255	ge is a c en the c	charac haract	ter coo ter cod	de table that is c e table selectior	ompletely free of character codes 80H to FFH. n command (ESC tn) sets n = 255, or (ESC GS				
 The following are data that is written to the blank code page. 										
Font-A: 1	Charact	er = 48	bytes	; 6144	bytes = 48 byte	s x 128 characters				
Font-B: 1	Charact	er = 48	bytes	; 6144	bytes = 48 byte	s x 128 characters				
• Font-A d	ata and	Font-B	data i	s sent	continuously.					
The print	er is res	set afte	r writin	g with	to the non-volat	ile memory.				
ESC t, ES	C GS t,	Appen	dix-3							
	Write data ASCII Hex. Decimal nL = 0 nH = 48 $1 \le nL+ (n)$ $0 \le da \le 2$ k = nL+ (n) • Stores bl • A blank of It is select t n) sets • The folloo Font-A: 1 Font-B: 1 • Font-A d • The print ESC t, ES	Write data to a blaASCIIESCHex.1BDecimal27 $nL = 0$ $nH = 48$ $1 \leq nL + (nH \times 256)$ $0 \leq da \leq 255$ (Formous data in the selected where the selected	Write data to a blank codeASCIIESCGSHex.1B1DDecimal2729nL = 0729nH = 481 \leq nL+ (nH x 256)70 \leq da \leq 255 (Font-A Data0 \leq db \leq 255 (Font-B Datak = nL+ (nH x 256)8• Stores blank code page is a labeled when the code to n) sets n = 255.7• The following are data the font-A: 1 Character = 48• Font-A data and Font-B:7• The printer is reset after• SC t, ESC GS t, Appen	Write data to a blank code pageASCIIESCGS=Hex.1B1D3DDecimal272961nL = 0 HEX $1 \le nL + (nH \times 256)$ $1 \le nL + (nH \times 256)$ $0 \le da \le 255$ (Font-A Data) $0 \le db \le 255$ (Font-B Data) $0 \le db \le 255$ (Font-B Data) $k = nL + (nH \times 256)$ • Stores blank code page is a character of the selected when the character to n) sets n = 255.• The following are data that is the font-A:Font-A:1 Character = 48 bytes• Font-A:1 Character = 48 bytes• Font-A:1 Character = 48 bytes• The printer is reset after writinESC t, ESC GS t, Appendix-3	Write data to a blank code pageASCIIESCGS=nLHex.1B1D3DnLDecimal272961nLnL = 0 $3D$ $3D$ $3D$ $3D$ nH = 48 $1 \le nL+ (nH \times 256)$ $3d \le 255$ (Font-A Data) $3d \le 255$ (Font-B Data) $0 \le da \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \le 255$ (Font-B Data) $3d \le 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = nL+ (nH \times 256)$ $3d \ge 255$ (Font-B Data) $3d \ge 255$ (Font-B Data) $k = n$	Write data to a blank code pageASCIIESCGS=nLnHda1dakHex.1B1D3DnLnHda1dakDecimal272961nLnHda1daknL = 0nH = 481 $= nL+ (nH \times 256)$ 04a ≤ 255 (Font-A Data)0 $\leq da \leq 255$ (Font-A Data)0 $\leq db \leq 255$ (Font-B Data)kk = nL+ (nH $\times 256)$ • Stores blank code page data in non-volatile memory• A blank code page is a character code table that is classelected when the character code table selection to n) sets n = 255.• The following are data that is written to the blank codeFont-A: 1 Character = 48 bytes; 6144 bytes = 48 bytes• Font-A data and Font-B data is sent continuously.• The printer is reset after writing with to the non-volatile• SC t, ESC GS t, Appendix-3				

ESC GS t n

Name	Select cha	Select character code table						
Code	ASCII	ESC	GS	t	n			
	Hex.	1B	1D	74	n			
	Decimal	27	29	116	n			

Function

Selects character code table.

Setting Value of n		Character Table						
Hexadecimal	Decimal							
00	0	Normal*						
01	1	CodePage437 (USA, Std. Europe)						
02	2	Katakana						
03	3	CodePage437 (USA, Std. Europe)						
04	4	Codepage 858 (Multilingual)						
05	5	Codepage 852 (Latin-2)						
06	6	Codepage 860 (Portuguese)						
07	7	Codepage 861 (Icelandic)						
08	8	Codepage 863 (Canadian French)						
09	9	Codepage 865 (Nordic)						
0A	10	Codepage 866 (Cyrillic Russian)						
0B	11	Codepage 855 (Cyrillic Bulgarian)						
0C	12	Codepage 857 (Turkish)						
0D	13	Codepage 862 (Hebrew)						
0E	14	Codepage 864 (Arabic)						
0F	15	Codepage 737 (Greek)						
10	16	Codepage 851 (Greek)						
11	17	Codepage 869 (Greek)						
12	18	Codepage 928 (Greek)						
13	19	Codepage 772 (Lithuanian)						
14	20	Codepage 774 (Lithuanian)						
	21	Codepage 874 (Thai)						
20	32	Codepage 1252 (Windows Latin-1)						
21	33	Codepage 1250 (Windows Latin-2)						
22	34	Codepage 1251 (Windows Cyrillic)						
40	64	Codepage 3840 (IBM-Russian)						
41	65	Codepage 3841 (Gost)						
42	66	Codepage 3843 (Polish)						
43	67	Codepage 3844 (CS2)						
44	68	Codepage 3845 (Hungarian)						
45	69	Codepage 3846 (Turkish)						
46	70	Codepage 3847 (Brazil-ABNT)						
47	71	Codepage 3848 (Brazil-ABICOMP)						
48	72	Codepage 1001 (Arabic)						
49	73	Codepage 2001 (Lithuanian-KBL)						
4A	74	Codepage 3001 (Estonian-1)						
4B	75	Codepage 3002 (Estonian-2)						
4C	76	Codepage 3011 (Latvian-1)						
4D	77	Codepage 3012 (Latvian-2)						
4E	78	Codepage 3021 (Bulgarian)						
4F	79	Codepage 3041 (Maltese)						
FF	255	Blank page						

Details

• If an n that is outside of the definition is input, Normal is selected.

ESC GS # m N n1 n2 n3 n4 LF NUL

Name	Memory Switch Settings											
Code	ASCII	ESC	GS	#	m	Ν	n1	n2	n3	n4	LF	NUL
	Hex.	1B	1D	23	m	Ν	n1	n2	n3	n4	LF	NUL
	Decimal	27	29	35	m	Ν	n1	n2	n3	n4	LF	NUL
Defined Region	m = "W", "	T", ",", "	+", "-",	"@"								
	"0" <u>≤</u> N <u>≤</u> "	9",	"A" <u>≤</u>	"A" <u>≤</u> N <u>≤</u> "F",			"a" <u>≤</u> N <u>≤</u> "f"					
	"0" <u>≤</u> n1 <u>≤</u> "9", "A" <u>≤</u> n1 <u>:</u>				",	"a" <u>≤</u> ⊣	n1 <u>≤</u> "f	"				
	"0" <u>≤</u> n2 <u>≤</u>	"A" <u>≤</u>	"A" <u>≤</u> n2 <u>≤</u> "F",			"a" <u>≤</u> n2 <u>≤</u> "f"						
	"0" <u>≤</u> n3 <u>≤</u> "9",		"A" <u>≤</u> n3 <u>≤</u> "F",			"a" <u>≤</u> n3 <u>≤</u> "f"						
	"0" <u>≤</u> n4 <u>≤</u>	"9",	"A" <u>≤</u>	n4 <u>≤</u> "F	",	"a" <u>≤</u> ⊣	n4 <u>≤</u> "f	"				

Function

Sets the memory switches

Function	Class	m	Ν	n1 n2 n3 n4
Definition data write and reset	Write	"W"	Fixed at "0"	Fixed at "0000"
Definition data write and reset and test print	Write	"T"	Fixed at "0"	Fixed at "0000"
Data Definition (Data Specification)	Definition	""	Ν	n1 n2 n3 n4
Data definition (Set specified bit)	Definition	"+"	Ν	n1 n2 n3 n4
Data definition (Clear specified bit)	Definition	"_"	Ν	n1 n2 n3 n4
Data Definition (Initialize all data)	Definition	"@"	Fixed at "0"	Fixed at "0000"

N: Memory switch number to specify

• n1 n2 n3 n4: Specified Data

- m = "," → Specified Data
- m = "+" \rightarrow Bit number to set
- m = "-" \rightarrow Bit number that was cleared.

Details

- Sends command to write after specifying the memory switch using the definition command regulated by classes in the table above.
 - Memory switch information defined by the command to write is written to the volatile memory.
 - When writing to the volatile memory by the command to write, the printer applies a reset.

Star Original Presenter Control Commands The following commands control the presenter functions.

The following commands are effective only on models equipped with a presenter.

ESC SYN 0 n

Name	Execute p	resente	er paper	recover	У			
Code	ASCII	ESC	SYN	0	n			
	Hex.	1B	16	30	n			
	Decimal	27	22	48	n			
Defined Region	n = 0, 48							
FunctionExecutes presenter paper recovery.This command is ignored when a presenter is not connected.								
								Also, this command is executed when paper is supplied by the presenter, exists in the presenter and the paper has been cut. This command is ignored under all other conditions. (Ignored paper is being recovered.))
Reference	ESC SYN	1, ESC	C SYN 2	, ESC S	SYN 3, ESC SYN 4			

ESC SYN 1 n

Name	Set present	er pa	per reco	very fu	nctior	and automatic recovery time					
Code	ASCII	ESC	SYN	1	n						
	Hex.	1B	16	31	n						
	Decimal	27	22	49	n						
Defined Region	0 <u>≤</u> n <u>≤</u> 255										
Initial Value	Memory Sw	Memory Switch Setting									
Function	Sets presenter paper automatic recovery function and automatic recovery time.										
	This command is ignored when a presenter is not connected.										
Settings using this command are effective from the next sheet when the printer proces command and paper has already been supplied to the presenter.											
	n	Fι	unction								
	n = 0	Pa	aper aut	omatic	recov	ery function invalid.					
	1 <u>≤</u> n <u>≤</u> 25	5 Pa	Paper automatic recovery function valid.								
			Automatic recovery time: n x 0.5 sec (0.5 sec to 127.5 sec)								
Reference	ESC SYN (SYN 2	FSC	SVN	S ESC SYN 4					
		, _00		, 200 (,					
ESC SYN 3 n

Name	Get prese	nter pa	per cou	nter									
Code	ASCII	ESC	SYN	3	n								
	Hex.	1B	16	33	n								
	Decimal	27	22	51	n								
Defined Region	n = 0, 1, 4	8, 49											
Function	Acquires p	uires presenter paper counter.											
	This command is ignored when a presenter is not connected.												
	Counter can count to 0xFFFFFFF sheets.												
	Counter is	cleare	ed to zer	o wher	en the following conditions are met.								
At a printer reset													
	At <esc> <syn> 4 n command</syn></esc>												
	The paper	count	er sends	the co	counter value at the time this command is processed.								
	The count	er is co	ounted u	p wher	en paper is completely recovered or when pulled out.								
	The count	er coui	nts from	when	n the power is turned ON, excluding the following.								
	• When pa	per is	discharg	ged bec	ecause of an error								
	• When pri	inting ι	using sel	f-print	ıt								
	• When pa	iper in	the pres	enter i	r is discharged when the power is turned ON								
	n	C	ounter										
	n = 0, 4	8 A(cquires p	baper r	reel counter								
	n = 1, 4 <counter< td=""><td>9 Ad</td><td>cquires p mission</td><td>paper r format</td><td>recovery counter at from printer: When using the paper reel counter></td><td></td></counter<>	9 Ad	cquires p mission	paper r format	recovery counter at from printer: When using the paper reel counter>								
	Printer T	ransmi	ssion: F	SC SY	SYN 3 n c1 c2 c3 c4								
			-										

Reel counter: c4 + (c3 x 256) + (c2 x 256 x 256) + (c1 x 256 x 256 x 256)

Reference ESC SYN 0, ESC SYN 1, ESC SYN 2, ESC SYN 4

ESCSYN4n

Name	Initialize p	oresente	er pape	r counte	er	
Code	ASCII	ESC	SYN	4	n	
	Hex.	1B	16	34	n	
	Decimal	27	22	52	n	
Defined Region	n = 0					
Function	Initialize	s the pr	resente	r paper	count	er (paper reel counter/paper recovery counter).
	Initializat processe	tion of ed.	the pa	aper co	ounter	using this command is executed when this command is
Reference	ESC SYN	0, ES0	C SYN [·]	1, ESC	SYN 2	2, ESC SYN 3

STAR Original Mark Commands

This command is specialized for printing mark sheets for lotteries. This command can print lines.

<Print Sample>

LOTTERY 10	
01 05 32 85 86 50 70 77 08 50 21 42 46 40 12 02 06 78	
	Mark Printing
2003/04/08 STAR Micronics co., ltd. No. 0304081254896	

<Example of Command Transmission>

Mark Format

Mark Height h = 10 dots, Mark line feed amount v = 20 dots

Mark number 0: Mark Color c = White, Mark horizontal width w = 16 dots

Mark number 1: Mark Color c = Black, Mark horizontal width w = 40 dots

Mark number 2: Mark Color c = White, Mark horizontal width w = 40 dots



Example Transmission

1. Mark height, Line feed amount setting

<ESC> <GS> *1 h v (h = "010", v = "020")

2. Color of each mark number, Horizontal width setting

<ESC> <GS> *2 m c w (Mark number 0 setting: m = "0", c = "0", w = "016") <ESC> <GS> *2 m c w (Mark number 0 setting: m = "1", c = "1", w = "040") <ESC> <GS> *2 m c w (Mark number 0 setting: m = "2", c = "0", w = "040")

3. Register the mark format specified by 1 and 2 in advance in the non-volatile memory (it is possible to print marks that are not registered in the non-volatile memory.)

<ESC> <GS> *W

4. Printing Marks

<ESC><GS>*0nm1m2m3m4m5m6m7

(n = "007", m1 = "1", m2 = "0", m3 = "1", m4 = "0", m5 = "1", m6 = "0", m7 = "2")

<ESC><GS>*0nm1m2m3m4m5m6m7

(n = "007"m1 = "1", m2 = "0", m3 = "2", m4 = "0", m5 = "1", m6 = "0", m7 = "1")

<ESC><GS>*0nm1m2m3m4m5m6m7

(n = "007", m1 = "1", m2 = "0", m3 = "1", m4 = "0", m5 = "2", m6 = "0", m7 = "2")

ESC GS * 0 n m1 m2 m3 ... mk

Name	Print mark	<													
Code	ASCII	ESC	GS	*	0	n	m1	m2	m3		mk				
	Hex.	1B	1D	2A	30	n	m1	m2	m3		mk				
	Decimal	27	29	42	48	n	m1	m2	m3		mk				
Defined Region	"001" <u>≤</u> n <u>≤</u> "255"														
	"0" <u>≤</u> m <u>≤</u>	"0" <u>≤</u> m <u>≤</u> "9"													
	k = n														
Initial Value															
Function	Prints the mark number specified by m, based on the mark format (mark height, mark line feed amount, each mark color, and each mark horizontal width) that is preset.														
	n indicat	n indicates the number of marks to print; If the number of marks is 10 (m1 to m10), n = "010."													
	m specifies the mark number to print.														
	n and m characte	n are AS er codes	SCII ch "0" to	aracte '9."	r string	is tha	t are i	represe	ented I	by dec	imals; They are composed of				
	This cor cannot b	nmand i be includ	s igno ed (ch	red if t aracte	here is rs, bit ir	print	: data s, bar o	in the codes,	image etc.).	buffer	. Therefore, other characters				
	If there i discarde	s no ma d.	ırk spe	cified i	n the r	emair	ning pr	int regi	ion, the	e numł	per of bytes specified by n are				
	Also, in j normal c	oage mo lata.	ode, if t	he valı	ue of n	is out	of the	define	d rang	e, subs	sequent data are processed as				
	This cor horizonta	This command is affected by position alignment, left margin, moved position, positions such as horizontal tab and upside down printing.													
Reference	ESC GS '	* 1, ESC	GS * :	2, ESC	: GS * \	N, ES	C GS	*C							

<u>ESC GS * 1 h v</u>

Name	Specify m	Specify mark height and line feed											
Code	ASCII	ESC	GS	*	1	h	v						
	Hex	1B	1D	2A	31	h	v						
	Decimal	27	29	42	49	h	v						
Defined Region	"001" <u>≤</u> h	<u>≤</u> "255"											
	"001" <u>≤</u> v <u>≤</u> "255"												
	h <u>≤</u> v												
Initial Value	Non-vola	Non-volatile memory											
Function	Specifie	s mark h	eight a	and line	e feed a	amoun	t						
	h is the mark height (number of dots); v is the line feed amount for the mark (number of dots)												
	h and v are ASCII character strings that are represented by decimals; They are composed of character codes "0" to "9."												
	If a small line feed amount is specified, missing print can occur, so more than $v = 16$ dots is recommended.												
Reference	ESC GS	* 0, ESC	GS *	2, ESC	GS * 1	W, ESC	CGS*	C					

<u>ESC GS * 2 m c w</u>

Name	Specify m	nark colo	or and	mark h	orizont	al widt	h for e	ach m	ark number						
Code	ASCII	ESC	GS	*	2	m	С	w							
	Hex.	1B	1D	2A	32	m	С	w							
	Decimal	27	29	42	50	m	с	w							
Defined Region	"0" <u>≤</u> m <u>≤</u> "9"														
	"0" <u>≤</u> c <u>≤</u> '	"0" <u>≤</u> c <u>≤</u> "1"													
	"001" <u>≤</u> w <u>≤</u> "999"														
Initial Value	Non-vol	atile mei	nory												
Function	Specifies mark color and mark horizontal width for each mark number.														
	m specifies the mark number.														
	c specifies the mark color.														
	w specifies the mark horizontal width (number of dots).														
	If w exce	If w exceeds the print region, this command is ignored.													
	m, c and characte	d w are er codes	ASCII "0" to	charac "9."	ter stri	ngs th	at are	repres	sented by decimals; They are composed of						
	С	Ν	lark C	olor											
	n = "0"	(48) V	Vhite												
		(nack												

Reference ESC GS * 0, ESC GS * 1, ESC GS * W, ESC GS * C

ESC GS * W

Name	Register m	Register mark format to non-volatile memory								
Code	ASCII	ESC	GS	*	W					
	Hex.	1B	1D	2A	57					
	Decimal	27	29	42	87					
Defined Region										
Initial Value										
Function	Registers the mark format (mark height, mark line feed amount, each mark color, and each mark horizontal width) to the non-volatile memory.									
	After regi	stering t	to the r	non-vola	latile memory, the printer is reset.					
Reference	ESC GS *	0, ESC	GS * 1	, ESC	GS * 2, ESC GS * C					

ESC GS * C

Name	Initialize	Initialize mark format in the non-volatile memory									
Code	ASCII	ESC	GS	*	С						
	Hex.	1B	1D	2A	43						
	Decimal	27	29	42	67						
Defined Region											
Initial Value											
Function	Initialize each m	Initializes the registered mark format (mark height, mark line feed amount, each mark color, and each mark horizontal width) in the non-volatile memory. After initialization, the printer is reset.									
	Initial Va	lue of the	Mark For	mat							
	• Mark H	eight:		"016" (16	odots)						
	• Mark lir	ne feed ar	mount:	"032" (32	dots)						
	• Mark C	olor:		"0" (Whit	е	\rightarrow All mar	rk numb	ers)			
	• Mark H	orizontal	Width:	"080" (80) dots	\rightarrow All mar	rk numb	ers)			
Reference	ESC GS	* 0, ESC	GS * 1, E	SC GS * 2	2, ESC GS	3 * W					

STAR Original Auto Logo Command

This command functions to print logos, like the one below, by only changing the product name, when only product names can be changed in systems that are already in use. Also, this function has two operating modes.

1) Standard Auto Logo Function

The Auto Logo function is preset and executes the following operations using the print cut command under the current system as a trigger.

- 1. Starts up the Auto Logo function using the current system cut command as a trigger
- 2. Prints if there is print data in the image buffer
- 3. Executes user macro 1
- 4. Prints Auto Logo
- 5. Executes user macro 2

Logo 2 is printed by #4 Auto Logo printing according to the command character "/" that was preset in the current print data and embedding the Logo number "2" to print. Specifically, if the product is registered with "CHEESEBURGER/2" the logo 2 coupon ticket is automatically printed for the purchaser of a cheese burger. Also, Logo 1 for the header is used for company logos. By registering to the user macro 2 of #5, cut command + Logo 1 print command, the company logo of logo1 will be printed. User macro 1 of #3 is used when it is necessary to position the Auto Logo in the center. When doing so, register the left alignment command using the user macro 2 of #5 and return to its original setting.



2) Simple Auto Logo Functions

The simple Auto Logo function is preset and executes the following operations using the print cut command under the current system as a trigger.

- 1. Starts up the simple Auto Logo function using the current system cut command as a trigger
- 2. Center alignment command process
- 3. Print Logo 2
- 4. Feed paper to cutting position and executes a partial cut
- 5. Print Logo 1
- 6. Recovers position alignment command to setting prior to execution of the simple Auto Logo
- With the simple Auto Logo function, the logo number of the logo to be printed is decided in advance.



d1 = 0x1d d2 = 0x56 d3 = 0x42 d4 = 0x00:

Registered Macro <GS V 660: Transport to Cutting

Position and Perform Partial Cut>

 $\begin{array}{l} d5 = 0x1c \ d6 = 0x70 \ d7 = 0x01 \ d8 = 0x00; \\ d9 = 0x1b \ d10 = 0x61 \ d11 = 0x00; \\ d12 = 0x1b \ d13 = 0x70 \ d14 = 0x03 \ d15 = 0x64 \ d16 = 0x00; \\ ESCGS/5n \ (n = 0x01); \\ ESCGS/6n \ (n = 0x01); \\ ESCGS/W; \end{array}$

<FS p10: Logo1 Print> <ESC a0: Left Alignment> <ESC p3 100 0: Draw Drive> Auto Logo Command Character, Space Switch Partial Cut Before Auto Logo Printing Valid Register Auto Logo Definition Data to Non-volatile Memory

2) Send registered command character embedded in print data

"CHEESEBURGER/2" -> "/" is recognized as the Auto Logo command character; "/2" switch to space; "2" specifies Logo2.

ESC GS / W

Name	Register A	uto Log	o setti	ng to n	-volatile memory							
Code	ASCII	ESC	GS	/	W							
	Hex.	1b	1d	2f	57							
	Decimal	27	29	47	37							
Defined Region												
Initial Value												
Function	Registers	Auto Lo	go set	ting to	n-volatile memory							
	After registration, the printer is reset.											
	This command is ignored when Auto Logo is being executed.											
Reference	ESC GS /	C, ESC	GS /	1, ESC	S / 2, ESC GS / 3, ESC GS /	/ 4, ESC GS / 5, ESCGS/6						

ESC GS / C

Name	Initialize Auto Logo setting to non-volatile memory									
Code	ASCII	ESC	GS	/	С					
	Hex.	1b	1d	2f	43					
	Decimal	27	29	47	67					
Defined Region										
Initial Value										
Function	Initializes registered data in the non-volatile memory of the Auto Logo function.									
After initialization, the printer is reset.										
	This command is ignored when Auto Logo is being executed.									
	The defaul	lt values	of the	Auto L	.ogo functio	n are below.				
	Setting					Initial Value				
	Auto Log	o Functi	on			OFF				
	Comman	d Chara	cter			None				
	User Mac	ro 1				None				
	User Mac	cro 2				None				
	Comman	d Chara	cter Sv	vitch		No print				
	Partial Cu	ut Before	e Auto	Logo F	Printing	Invalid				

Reference ESC GS / W, ESC GS / 1, ESC GS / 2, ESC GS / 3, ESC GS / 4, ESC GS / 5, ESC GS / 6

<u>ESC GS / 1 n</u>

Name	Auto Logo	Auto Logo Function On/Off Setting								
Code	ASCII	ESC	GS	/	1	n				
	Hex.	1b	1d	2f	31	n				
	Decimal	27	29	47	49	n				
Defined Region	0 <u>≤</u> n <u>≤</u> 2	0 <u>≤</u> n <u>≤</u> 2								
Initial Value	n = 0									
Function	Turns the Auto Logo function on and off.									
	This comm	nand is r	egiste	red to f	he non-	-volatile memory by the " <esc> <gs> / W" command.</gs></esc>				
	When in pa	age moo	le, the	Auto L	.ogo fur	nction is invalid.				

This command is ignored when Auto Logo is being executed.

n	Setting
0	Auto Logo Function Off
1	Standard Auto Logo Function ON
	<operation specifications=""></operation>
	1. Starts up the Auto Logo function using the current system cut
	command as a trigger
	2. Prints if there is print data in the image buffer
	3. Executes user macro 1
	4. Prints Auto Logo
	5. Executes user macro 2
2	Simple Auto Logo Function ON
	<operation specifications=""></operation>
	1. Starts up the Auto Logo function using the current system cut
	command as a trigger
	2. Prints if there is print data in the image buffer
	3. Execute center alignment
	4. Print Logo 2 (When 2 color printing is set: Logo3)
	5. Feed paper to cutting position and execute a partial cut
	6. Print Logo 1
	7. Recover position alignment setting
	Noto: • With this softing, user macro and command character are
	involid
	("!") is printed as a character if the command character is set to "!"
	when setting.)

The commands that are the triggers for the Auto Logo function are below.

When the standard Auto Logo Function is turned on by n = 1, the following trigger commands function only as triggers and do not cut paper. Therefore, it is necessary to register any cut command to the user macro 2.

When the simple Auto Logo Function is turned on by n = 2, the following cut commands are executed and are the triggers for the simple Auto Logo function.

- <GS> V m: Cut command
- <GS> V m n: Cut command
- <ESC> i: Full cut command (not recommended)
- <ESC> m: Partial cut command (not recommended)

Reference ESC GS / W, ESC GS / C, ESC GS / 2, ESC GS / 3, ESC GS / 4, ESC GS / 5, ESC GS / 6

ESC GS / 2 n

Name	Set comm	hand cha	aracter						
Code	ASCII	ESC	GS	1	3	n			
	Hex.	1b	1d	2f	32	n			
	Decimal	Decimal 27 29 47 50							
Defined Region	32 <u>≤</u> n <u>≤</u> 1	27, n =	0						
Initial Value	n = 0								
Function	Sets the A	Auto Log	jo func	tion co	mmano	d charad	cter.		
									

This command is registered to the non-volatile memory by the "<ESC> <GS> / W" command.

This command is ignored when Auto Logo is being executed.

n	Setting
32 to 127	Command Character
0	No Command Character Setting

A command character is a character that is a command for specifying the logo number to print with the Auto Logo printing.

When "/" is specified as the command character, "/2/3" is embedded in the print data.

The printer does not process the "/" as character data but as a command and stores number that follows at the end and prints it as an Auto Logo in the order that it is stored. Therefore, if "/2/3" is embedded, Auto Logo will print Logo2 and Logo3 in that order. If the specified logo has not been registered, logo printing will be ignored.

Also, if there is no set command character setting, a logo will not be printed.

Note that "/2/3" is processed as a command is not printed.

However, using the "<ESC> <GS> /5 n" command it is possible to switch "/2/3" to a space.

In the same way as with "/2/3/2/2" if a logo is duplicated, only the initial logo is printed.

ESC GS / W, ESC GS / C, ESC GS / 1, ESC GS / 3, ESC GS / 4, ESC GS / 5, ESC GS / 6

A maximum of 32 logos can be stored as Auto Logos.

Continuing after the command character, the following shows the defined area of the character d that specifies the logo number.

$1 \ge 0 \ge 9$ ($49 \ge 0 \ge 57$) \rightarrow Logo number 1 to 9	"1" ≤ d ≤ "9"	$(49 \le d \le 57) \rightarrow Logo$ number 1 to 9
--	---------------	--

"A" <u>≤</u> d <u>≤</u> "F"	$(65 \leq d \leq 70) \rightarrow Logo number 10 to 16$
-----------------------------	--

Reference

ESC GS / 3 nL nH d1 d2 ... dk

Name	Set user	macro 1											
Code	ASCII	ESC	GS	/	3	nL	nH	d1d2dk					
	Hex.	1b	1d	2f	33	nL	nH	d1d2dk					
	Decimal	27	29	47	51	nL	nH	d1d2dk					
Defined Region	1 <u>≤</u> nL <u>≤</u> €	64											
	nH = 0												
	1 <u>≤</u> (nL+nHx256) <u>≤</u> 64												
	dk = (nL+nHx256)												
	0 <u>≤</u> d <u>≤</u> 255												
Initial Value	No user r	nacro 1	setting										
Function	Sets the user macro 1 of the Auto Logo function.												
	This command is registered to the non-volatile memory by the " <esc> <gs> / W" command.</gs></esc>												
	This command is ignored when Auto Logo is being executed.												
	Registers	print da	ta in u	ser ma	cro 1.								
	A maximu	um of 64	bytes	of data	a can b	e regi	stered.						
	Note that it is prohibited to register Auto Logo command characters in a user macro.												
Reference	ESC GS	/ W, ESC	CGS/	C, ES	CGS/	1, ES	C GS /	/ 2, ESC GS / 4, ESC GS / 5, ESC GS / 6					

ESC GS / 4 nL nH d1 d2 ... dk

Name	Set user	macro 2											
Code	ASCII	ESC	GS	/	4	nL	nH	d1d2dk					
	Hex.	1b	1d	2f	34	nL	nH	d1d2dk					
	Decimal	27	29	47	52	nL	nH	d1d2dk					
Defined Region	1 <u>≤</u> nL <u>≤</u> 6	64											
	nH = 0												
	1 <u>≤</u> (nL+nHx256) <u>≤</u> 64												
	dk = (nL+nHx256)												
	0 <u>≤</u> d <u>≤</u> 255												
Initial Value	No user r	nacro 2	setting										
Function	Sets the user macro 2 of the Auto Logo function.												
	This command is registered to the non-volatile memory by the " <esc> <gs> / W" command.</gs></esc>												
	This command is ignored when Auto Logo is being executed.												
	Registers	print da	ta in u	ser ma	cro 2.								
	A maxim	um of 64	bytes	of data	a can b	e regi	stered.						
	Note that	Note that it is prohibited to register Auto Logo command characters in a user macro.											
Reference	ESC GS	/ W, ES0	CGS/	C, ES	CGS/	1, ES	CGS	/ 2, ESC GS / 3, ESC GS / 5, ESC GS / 6					

<u>ESC GS / 5 n</u>

Name	Set comn	nand cha	aracte	r switch	ning me	ethod							
Code	ASCII	ESC	GS	1	5	n							
	Hex.	1b	1d	2f	35	n							
	Decimal	27	29	47	53	n							
Defined Region	0 <u>≤</u> n <u>≤</u> 1												
Initial Value	n = 0												
Function	Sets the	Auto Lo	ogo fui	nction c	comma	nd cha	racter switching method.						
This command is registered to the non-volatile memory by the " <esc> <gs> / W" command. This command is ignored when Auto Logo is being executed.</gs></esc>													
													n
	0 Does not print the command character and the following logo number												
	1 Switches the command character and the following logo number into a space character (0 x 20)												
	When "/" is specified as the command character, the "/2" embedded in the print data is not a character string, but processed as a command.												
	At this ti	At this time, "/2" is processed as a command is not printed.											
	However, by specifying $n = 1$ in this command, it is possible to switch "/2" to a space.												
Reference	ESC GS	W, ESC	CGS/	C, ES	C GS /	1, ES0	C GS / 2, ESC GS / 3, ESC GS / 4, ESC GS / 6						

<u>ESC GS / 6 n</u>

Name	Set partia	l cut bef	ore A	uto Log	o printi	ing								
Code	ASCII	ESC	GS	1	6	n								
	Hex.	1b	1d	2f	36	n								
	Decimal	27	29	47	54	n								
Defined Region	0 <u>≤</u> n <u>≤</u> 1													
Initial Value	n = 0													
Function	Sets a partial cut before the Auto Logo printing.													
	This con	This command is registered to the non-volatile memory by the " <esc> <gs> / W" command.</gs></esc>												
	This command is ignored when Auto Logo is being executed.													
		n		Setting										
		0 Does not execute a partial cut before the Auto Logo printing.												
		1		Execute	es a pa	irtial cu	it before the Auto Logo printing.							
	When printing Logo2 and Logo3 as Auto Logo printing like the one in the drawing below, this command selects to execute a partial cut before printing Logo2 of the Auto Logo and Logo3.													
	If a partial cut is executed using this function, it is possible to provide coupons, etc., that are printe using Auto Logo with a partial cut.													
Reference	ESC GS /	W, ESC	CGS	/ C, ES	CGS/	1, ES	C GS / 2, ESC GS / 3, ESC GS / 4, ESC GS / 5							



5. CHARACTER CODE TABLE

5-1 ANK Codes

5-1-1 ESC/POS Standard Codes

- · Code pages standard on EPSON printers.
- Specify using the character code table selection command (ESC t n).





Page16 :	WPC1252
0 1 2 1 ! 3 # 4 \$ 5 % 6 & 7 (9) A * F /	3 4 5 6 7 8 9 A B C D E F 0 0 P p t A D à à 1 A Q a q ' ; t ± Â Ò ã ã ò 2 B C S C q ' ; t ± Â Ò ã ã ò 3 4 Õ ã a 2 B C S C q , ' g * Â Ò ã ã ô 5 E U G S C q + ' ; t ¥ H & C Z Ç ÷ 5 E U G S C q + ' ; t ¥ H & C Z Ç ÷ 6 F V g w + S · f É Ù Ù ê Ù Ù 6 F V g w + S · f É Ù Ù ê Ù Ù ê Ù 6 F V g w + S · f É Ù Ù ê Ù Ù ê Ù 6 F V g w + S · f É Ù Ù ê Ù Ù ê Ù 6 F V g w + S · f É Ù Ù ê Ù Ù 6 F V g w + S · f É Ù Ù ê Ù Ù 6 F V g w + S · f É Ù Ù ê Ù Ù 5 E U G C - ½ Î Û Ê Ù Û 5 K [] H Y I J Z S < W = - ½ Î Û Ĥ Ì Ù 5 K [] H] M ? n î Ž Ž • ¾ Î Ì P Î D 7 0 _ 0 ÿ Z S S B Ï Ў
Page17 :	PC862 (Cyrillic #2)
012 1 2 4 5 8 8 8 8 8 8 8 8 8 8 8 8 8	3 4 5 6 7 8 9 A B C 1
Page18 :	PC852 (Latin2)
0 1 2 1 3 # 5 % 8 % 8 % 9 A 8 0 1 2 1 9 A 8 1	$F = \begin{bmatrix} -\pi & -\pi$

Page 19	:	PC8	58	(Mu	lti	lin	gua	1/E	uro)	
0 1 1 2 3 4 5 6 7 8 9 A B U b L	2 !: #\$%&- () * + /	4@ABCDEFGHIJKLMN0	5 PORSTUVWXYZL\]	6 abcdefghijklmno		96 æ£ 00000000000000000000000000000000000			ΕΟβΟΟΘΟ μοφύῦὺỷΥ΄.	· + ::::	

- STAR Code Pages
- Specify using the character code table selection command (ESC GS t n).



Page1 : CodePage437(USA, Std, Europe)

i.	0 1	2	3	4	5	6	7	8	9	Â	B	Ć	D	Ê	F
0			0	0	Ρ	•	р	Ç	É	á	*	L	Π	α	E
1		!	1	Á	Q	а	q	û	3	í	8	Т	Ŧ	β	±
2			2	В	R	Ь	r	é	Æ	Ó	8	т	π	Г	≥
3		#	3	С	S	С	s	â	Ô	ú	ſ	ŀ	H.	π	≤
4		\$	4	D	Т	d	t	ä	Ö	ñ	+	÷.	F	Σ	ſ
5		×.	5	Ε	U	е	u	à	ò	Ñ	4	Ŧ	F	σ	
6		&	6	F	۷	f	۷	å	û	a	4	F	ŗ	Ú.	÷
7		•	7	G	₩	g	W	С	ù	ō	'n	ŀ	#	τ	*
8		(8	Н	Х	ĥ	х	é	ÿ	ż	7	L	ŧ	φ	•
9		Ĵ	9	Ι	Y	i	v	ë	ΰ	÷	ł	F	1	θ	•
Α		*	:	J	Ζ	i	ź	è	Ü	7		Ţ	г	Ω	٠
В		+	:	Κ	Γ	ƙ	{	ï	¢	ž	จ	Ŧ	Í	δ	1
С			K	L	Ń	1	Ĩ	î	£	k	ļ	Ļ	-	0	n
D		-	=	М	ĺ	m	Ì	ì	¥	i	1	-	Γ	ø	2
E			>	Ň	×	n	٤.	Ä	P.	٠	al I	#	٦	έ	•
F		1	?	0		0		Å	Ŧ	≫	٦	Ŧ		Λ	

Page2 : Katakana

01234566789ABCDE		0	1	2	3	4	5	6	7	8	9	Α	В	C	D	E	F	
1234566789ABCDE	0				0	6	Ρ	•	p		1		-	5	~	Т	Т	
234 567 234 234 234 234 234 234 234 234	1			!	1	A	Q	а	q		Г		7	Ŧ	L.		-	
3 #3 5 5 5 5 5 5 5 5 5 5 5 5 5	2				2	В	R	b	ŕ	-	•	Ì.	4	ÿ	X		-	
4 5 4 5 4 5 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5	3			#	3	Ĉ	S	ĉ	S	1		Т	ò	÷	Ŧ	t	_	
5 5 5 5 5 5 5 5 5 5 5 5 5 5	4			Ŝ	Ã.	Ď	Ť	ĥ	Ŧ	-			ŕ	ĥ	Þ	Ŧ.	ĩ	
6 6 6 7 7 8 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	5			ž	5	F	н	2	л.	ł		÷.	Ŧ	÷	'n	j.	ì.	
37 1 1 1 <td< th=""><th>ñ</th><th></th><th></th><th>ñ</th><th>ă</th><th>Ē</th><th>Ň</th><th>Ť</th><th>v</th><th>÷.</th><th>1</th><th>F</th><th>ĥ</th><th>4</th><th>ŝ.</th><th>L</th><th>÷.</th><th></th></td<>	ñ			ñ	ă	Ē	Ň	Ť	v	÷.	1	F	ĥ	4	ŝ.	L	÷.	
8 (8 HXY 9)9 Y 17 17 17 17 17 17 17 17 17 17	7			ĩ	7	ລ່	ů.	'n	¥ M	I	Ś	-	"±	5	1	_	Ľ.	
9)9 IYijy - r 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1	Ω			(ģ	й	Ÿ	ž		<u>_</u>	÷.	<i>'</i> ,	7	ŝ	ň.		1	
A *: JZjz - r : JNULL B +: K[k{ + + + → → 7.0 + II C , <l (1="" +="" 7.0="" ii<br="" ="" →="">D -= M] m} - + _ 2.4 → .</l>	ă			1	ŏ	ï	Ŷ		0	1	È	1	*	Ť.	2		5	
A + : J Z J Z - F I J N U Z B + : K [k { 1 - A # 9 7 7 0 ↑ II - = M] m } - A 3 2 4 7 4 4 - = M] m _ L 4 3 2 4 7 4 4	Ň			1		1	+	4	y,	'	'_	2	4			**		
D + ; K L K (1 − 7 7 E U + = , < L \ 1 + + + 2 7 7 + H - = M] m } = + + 2 7 7 + - N n _ L + 3 t t + -	D			Î	:	J	4	7	4	5	- [T	1	1	2	<u>+</u>		
$ \begin{array}{c} \mathbf{D} \\ \mathbf{T} = \mathbf{M} \end{bmatrix} \mathbf{m} \\ \mathbf{H} = \mathbf{M} \end{bmatrix} \mathbf{m} \\ \mathbf{L} \neq \mathbf{a} \\ \mathbf{b} \\ \mathbf{T} = \mathbf{b} \\ \mathbf{M} \end{bmatrix} \mathbf{m} \\ \mathbf{L} \neq \mathbf{a} \\ \mathbf{b} \\ \mathbf{T} \\ \mathbf{L} \neq \mathbf{b} \\ \mathbf{T} \\ \mathbf{L} \neq \mathbf{c} \\ \mathbf{T} \\ \mathbf{L} \\ \mathbf{T} \\ \mathbf$				Ŧ	•	Ň	ŕ.	K	1	÷	-	্য	7	Ĕ	ň	÷		
E → N n L t at A y → C	Ь К			,	5	L.	ł	1	1	۲	T	P	2	!	2	Т	ų.	
i v ≥ N n i L t a t a t a t a t a t a t a t a t a t	יי			-	=	M		m	Ł		1	ב	X	<u>^</u>	2	*		
	E.			•	>	N		n		F		Э	t	巿		↓ ·	2	
רא" / ? U_O * TX איץ ? "רא	F			1	?	υ	_	0	*	٦	Х	ッ	y	2	•	r	٦	

Page3 : Code Page437(USA, Std, Europe)

	0	1	2	3	4	5	6	7	8	9	A	B	C	Ð	9	F
0				Ó	6	P		р	Ç	É	á		Ľ	Ĭ	α	Ξ
1			ł	1	A	Q	a	q	ü	2	ĺ		Τ	Ŧ	ß	±
3			#	3	D C	S	D	r	ê	ħ.	0 Ú	Ť	Ι	I	1	ž
Ă			\$	ă	Ď	Ť	ď	ť	ä	ö	ñ	-	Ţ	Ŀ	Σ	ĩ
5			%	5	Ē	Ü	é	u	à	Ò	Ñ	1	ł	F	σ	J
b 7			Å,	5	1	¥ W	t	V	ă	ů	a	1	ŧ	ſ	μ	÷
8			(8	H	X	ĥ	W X	ě	ü	ž	1	ľ	1	T ð	~
9			j	9	I	Ŷ	i	ÿ	ë	Ő	÷	ł	F	1	ē	•
A			*	÷	J	Ţ	į	Z	è	Ü	7		π	Ţ	Ω	÷
č			Ţ	ż	Ň	ť	к 1	۲ ۱	î	ţ	ž]	Ĩ		0	√ R
D			-	=	M	ĵ	n	}	ì	¥	i	Ţ	۲ =	ſ	ø	z
Ē			;	ž	N	*	n	£.	Ä	Ŗ,	«	a	ť)	é	•
F			1	?	U	_	0		Ă	f	≫	٦	Ŧ		Π	

Page4 : CodePage858 (Multilingual)

	0	1	2	3	4	5	6	7	8	9	A	В	С	Ď	Ε	F
0				0	0	Ρ		р	Ç	É	á		L	ð	Ó	-
1			1	1	Α	Q	а	q	ů	3	í	*	Ŧ	Ð	ß	±
2			**	2	B	R	Ь	r	é	Æ	Ó	2	т	Ê	Ô	-
3			#	3	С	S	С	s	â	Ô	ú	Т	┢	Ë	ò	¥.
4			\$	4	D	Т	d	t	ä	Ö	ñ	4	÷	È	õ	ſ
5			%	5	E	U	е	u	à	ò	Ñ	Á	+	€	õ	ŝ
6			&	6	F	۷	f	۷	å	Û	a	Â	ă	Ť	ũ	¥
7			+	7	G	₩	q	Ŵ	c	ù	Q	Ä	Ā	Ť	Б	
8			(8	Н	X	ň	X	é	ÿ	ź.	Ö	Ű.	Ŧ	Б	
9			ý	9	I	Y	i	v	ë	ő	ĕ	4	F	Ĵ	ù.	••
А			*	:	J	Ζ	i	ź	è	Ŭ	-		Ĩ		ň	•
В			+	:	K	٢	ƙ	Ĩ	ï	ø	ķ	-	77		ŭ	1
С				<	L	Ñ	1	Ì	î	f	¥.	ļ	Ļ	-	v	3
D			-	Ξ	M	Ì	m	ì	i	ø	i	¢	=	T	Ý	2
E				>	N	×	n	£	Ä	Χ̈́.	×.	¥	₿.	ł	÷	
F			1	?	0	_	0		Ă	f	۶	1	ä	Ē	•	

Page5 : CodePage852(Latin-2)

	0 1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
0			0	6	Ρ		p	Ç	É	á		F	đ	Ó	-	
1		1	1	A	Q	а	q	ü	Ĺ	í	*	T	Ð	β	~	
2			2	B	R	b	r	é	1	Ó	瀫	т	Ď	Õ		
3		#	3	Ç	S	Ċ	Ş	â	Ô	ú		ŀ	Ë	Ń	3	
4		Ş	4	Ď	Ι	d	t	ä	Ö	Ą	+	-	ð	ń	č	
2		*	þ	Ę	Ü	e	u	Ū.	Ļ	3	Á	Ŧ	Ň	ň	§	
p_		Ķ	Ę.	F	Ň	t	۷	Ć	ļ	Ž	Â	Ă	Í	Š	÷	
		,	(G	W.	g	W	ç	Ş	Ž	Ē	ă	Î	Š		
ğ		. (ğ	Ĥ	X	ņ.	X.	ł	Ś	Ę	Ş	Ľ	ě	Ŕ	•	
Ä)	Э	Ţ	Y	ļ	У	ê.	0	ę	ŧ	F	1	Ú		
A		*	:	IJ	Ţ	Ĵ	Z	0	ñ	€		Ψ	1	ŕ	-	
ß		+	•	. K .	Ļ	Ķ	{	Ő	Ť	Ź	٦	ī		Ű	ũ	
Ľ.		,	<	Ľ	7	1		Ĩ	ť	Č	1	ŀ		ý	Ř	
Ď		-	=	M	Ţ	m	}	Ź	Ł	\$	Ź	=	T	Ý	ř	
Ē		•,	>	N		n		Ă	X	«	Ż	÷	Ũ	ţ		
1			?	0		0		Ć	č	≫	-	D.		,		

0		Ų	•	
0 1 2	3 4	56	789	ABCDEF
0	0 0	P	рСÉ	¦ ∰ L L α ≡
1 !	ÌĂ	Û a	άΰĒ	'
2 ¹	2 B	ŘБ	réÊ	ó [®] -
3 #	ΞČ	Sc	sâô	ŭ Ï Lπ≤
4 Š	ÃĎ.	Ťď	ŤÃË	¯ l ÷ ε Σ f
f ž	5Ē	Ùē	uầΪ	4 4 F a
6 8	õ Ē	Ϋ́ Ť	v ¶ û	
۳ 7	7 Ġ	Ŵà	w c ù	
8 (ġй	Хĥ	xêū	▎▖▏▋▕▌▖▖
ğ ì	ΑŢ	Ŷï	vëÔ	
A *	i i	Żi	ŻÀÜ	- <u> </u> <u>,</u> <u>ŏ</u> .
R +	Ĭ	ĩk	{ ï æ	3 = = ∎ 6 √
ř	żî	τî	ÌÌ́F	
ň –	- M	ì'n	3 L ñ	<u>3</u>
Ĕ	> N	* ""	1 1 0	e a da la e e
5	- <u>-</u> - <u>-</u>		<u>, , , , , , , , , , , , , , , , , , , </u>	· · · · · · · · · · · · · · · · · · ·

Page8 : CodePage863(Canadian French)

0123456789ABCDF	0 1	2 #\$%&- () * +	30123456789 < = >	4 @ A B C D E F G H I J K L M N	5PORSTUVWXYZL/]	6 abcdefgfijklm	7 pqrstuvwxyz{}	80:U é a a à a C+e :e è A o A :	9 É æ Æ ô ö þùýýö Ü ø £ Ø b	Aaióúáióúic r kki		┣╻┥┝┾│┼┿╩╩╝╚╤╣╠╩╘╏╛	ΕαβΓ΄ πΣσμτφθΩδεφ
Č D E F		<u>:</u> /	・く = > ?	L M N O	\] _	l m o	1	D D D A A	figort.	121/4 · I ≪ ≫	ר ר ע	= #¥	o ø ∮ € N

Page7	:	CodePage861 (Icelandic)

F

J ÷ ≈

√ n 2

αθΓπωσμ ≡±≥≤ſ

Page6 : CodePage860(Portuguese)

Page9 : Code Page865(Nordic)

	0	1	2	3	4	5	6	7	8	9	A	В	С	D	Ē	F.
0				0	6	Ρ		p	ç	É	á		Ľ	1	α	Ξ
			1	1	A	Q	а	q	ů	2	í	×	1	Ŧ	ß	±
2				2	В	R	b	r	é	Æ	Ó	X	т	π	F	≥
3			#	3	С	S	C	S	â	Ô	ú	T	ł	L	Я	≤
4			\$	4	D	Т	d	t	ä	Ö	ñ	-	<u> </u>	F	Σ	ſ
5			Х.	5	Ε	U	е	u	à	Ò	Ñ		Ŧ	F	٥	
6			&	6	F	۷	f	۷	å	û	a	1	F	т.	Ŀ	÷
7			1	7	G	₩	g	W	ç	ù	õ	ה ת	ŀ	#	τ	≈
8			(8	Н	Х	ĥ	X	ê	ÿ	ż	4	L	ŧ	₫	•
9)	9	Ι	Y	i	У	ë	Ö	-	ł	Ĩ	1	θ	•
Α			*	:	J	Z	j	Ż	è	Ü	-		Ϊ	г	Ω	•
В			+	;	K]	ķ	{	ï	ø	ž	ĩ	ī		δ	√
C			,	<	L	7	1		î	f	¥	1	ŀ		۵	8
D			-	=	M]	m	}	ì	Ø	i	Ш	=	Г	ø	2
Ł			•	>	N		n	~	Ä	R.	≪	a	ŧ	1	E	
F			7	?	0	_	0		Ă	f	¤	٦	Ŧ		Λ	

Page10 : CodePage866 (Cyrillic Russian)

	0 1	5	3	A	6	ß	7	ò	0	٨	D	0	N	F	r -
0 1 2 3 4 5	01	2 !: #\$%	3 0 1 2 3 4 5	4 Q A B C D E	5 P Q R S T U	6 abcde	7 pqrstu	8АБВГАЕ	9 PCTy ¢X	А абвгде				Е Р с т у ф х	F Ë Ë E E I I I
6789 89		~~· ()*+	6789···		¥¥XYZr	f ghijk	uvwxyz{	™3N NK⊓		2 X 3 N X K 1				~	ĭ ÿ ¥ ∙∙√
C D E F		: : ;	・く = > ?	L M N O	ļ	î m n o	1	MHOL	БЭЮЯ	M H O T	ר ד 1		ſ	ы 9 9 9 9 9 9 9	v ¶°€ ■

Page11 : CodePage855(Cyrillic Bulgarian)

1Я-
Тры
иÞЫ
1 C 3
iČ3
- Т Ш
ς Τ 🗓
า ่ง จ
ívă
1 1 1 1
. 🖓 🖷 .
n u b u
- D S

Page12 : CodePage857(Turkish)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
0				0	0	Ρ	•	P	Ç	É	á	*	Ľ	ō	Ó	-
1			1	1	Α	Q	а	ġ	ů	3	í	*	Ŧ	ā	β	±
2				2	В	R	b	ŕ	ć	Æ	Ó	*	т	Ê	Ô	
3			#	3	Ō	S	C	S	â	Ô	ú	T	ł	Ë	ò	¥
4			Ŝ	Ă.	Ď	Ť	ň	Ŧ	ä	ö	ñ	4	-	È	õ	Ŷ.
5			ž	5	Ē	-Ú	ē	n.	à	ò	Ñ	4	Ŧ	€	ñ	ä
ñ			ñ	ň	Ē	Ň	f	v	ă	ñ	č	Â	å	Ť	й	÷
7			ĩ	ž	'n	ų.	à	ū.	č	ň	ň	ì	ĩ	Ŧ	٣	
8		·	(Ŕ	й	ÿ	ĥ	Ŷ	ž	Ť	3	ê	Ê	Ŧ	×	4
ğ			ì	ğ	Ϋ́	Ŷ	ï	ŵ	ä	â	ĕ	ji		Ĵ	Ĥ	
Δ			*	÷	Ĵ.	7	i	7	ž	ŭ	-		I	-	ň	•
R			+	:	ŭ	ŕ	Ł	ĩ	ï	a	k	1	_	÷.	ň	1
ř			·	2	- î	ľ	î	ł	i	ţ	12]	H		ì	3
ň			:	2	м	ì	m	ł	1	ā	7		II.	-	ö	2
r c				ς.	M	¥	III D	ĩ	4	ŝ	1	¥	ĩ	ł	<u>x</u>	-
r			;	5	11		11		Â	3	*	Ŧ	ï	1		-
LL,			1	•	U	_	U		. A	ş	"	٦	щ			

	0	1	2	3	4	5	6	7	8	9	A	В	С	D	Е	F
0				0	0	Ρ	,	р	X	נ	á	*	L	Π	α	Ξ
1			!	1	Α	Q	а	ġ	ב	D	í	8	Т	Ŧ	ß	±
2				2	В	R	b	r	λ	y	Ó	2	т	π	r	≥
3			#	3	С	S	С	s	٦	٩	ú	T	ŀ	L	π	≤
4			\$	4	D	Т	d	t	Б	Ð.	ñ	4	÷	۱Ŀ,	Σ	ſ
5			Ŷ.	5	Ē	Ú	e	ŭ	1	Ÿ	Ñ	1	+	F	ā	
6			8	6	Ē	Ŷ	f	v	Ť	ż	a	4	F	, T	ũ	÷
7			ï	7	Ġ	Ŵ	à	Ŵ	ή.	7	ō	"	4	4	Ŧ	z
8			(Ŕ	Ĥ	ÿ	ĥ	x	n	'n	1	4	L	Ŧ	ò	•
ğ			ì	ã	Ť	Ŷ	ï	ÿ	5	n	ř	ų		1	Â	•
Ă			×	÷	Ĵ	Ż	i	7	٦	ñ	~		Ĩ	-	ŏ	
R			÷	:	Ň	ĩ	F	ĩ	÷	đ	k				ň	J
č				ż	ï	1	î	ì	5	Ť	1]	I.		8	'n
ň			<u>'</u>	=	м	ì	m	1	'n	¥	£	١.	IT .	r	đ	2
F				5	Ň	×	n	ŗ	n	Ď	~	Ĵ.	Л	5	P	-
Ē			;	5	1				14	2		1	Ï		ñ	-
			1	•	Ų	-	U			J	Ŵ	1	-	_	п	

Page14 : CodePage864(Arabic)

	0	1 2	3	4	5	6	7	8	9	А	B	C	Ď	F	
0			0	6	Р	•	р		ß		•	¢	ذ	_	<u> </u>
1		!	1	Α	Q	а	ģ	٠	œ	-	١		J	ف	•
2			2	B	R	b	ŕ	٠	ø	ĩ	٢	ĩ	ز	j.	ن
3		#	3	Ç	S	Ç	S	₹	±	f	۳	١	ш	ک	٥
4		- Ş	4	Ď	Τ	٠d	t	X	¥.	n	٤	ۇ	\$	L	4
5		Å	5	Ë	U.	é	u	-	¥,	ι	0	ĉ	-	-	ۍ
9		- Č	þ	F	N.	T	۷		2	•	1	÷	غب	ن	ų
0				L.	Ŵ	9	W	+	*	ŧ	Y	1	ملا	-	غ
0 Q			0	n	0	ņ	X	1	-≫ ≲1	L	۸.	ب	فلا	و	ۆ
A		, *	3	1	7	1	y	Т	21 - 11	Ļ	1	•	2	ى	لا ت
Â		÷	:	Ň	ŕ	ł	4	ſ	لا	<u>د</u>		د	- i	-	צ
ř		·	2	î	ť	ì	}	-					i	۴	U 1
Ď			È	M	ì	m	ł	1	v		صر ځ	-	, 		
F			5	Ň	¥	n	£	[لد	2	مر	ż	÷	Ş	ې
F		Ż	?	ö		0		L	Ţ	C Å	ŝ	-	Ê	2	-
		'	•	-	-				,	C	•	-	2	٢	

Page15 : Code Page737(Greek)

0 1 0 1 2	2	3 0 1 2	4 @ A B	5 P Q R	6 a b	7 p q r	8 А В Г	9 Ρ Σ	А І И Л	B	C L L	D I T	ωά	F Q ± ≻
3 4 5 6 7 8	#\$\$&&- (345670	CDEFGI	STUVW.	cd ef gu	stuvw.	∆EZH0,	YΦXΨΩ	μνξοπο				-	- ×: ï ï ÿ + ≈.
9 A B C D E	() * + • - • /	0	HJKLMNO	ŶZĹ	i j k l m n o	x y z { }		αβγδεζησ	ρσςτυφχ	н п (()			UWAEHIDY	• √ 11 2

Page16 : CodePage851(Greek)

	0	2	3	4	5	6	7	8	9	A	B	С	D	Ε	F
0			0	Ģ	P	Ì	P	Ç	Τ	ï		Ļ	Ţ	ζ	-
2		. i	2	R	B	a	q	ú	'n	ł	×	-	Ť	Ŋ	±
3		#	3	č	ŝ	č	Ś	â	ô	ů	Ĩ	Ţ	ž	ī	n n
4		\$	4	Ď	Ť	ď	ŧ	ä	ö	Ă	1	-	Ψ	Ň	Ϋ́
5		×	5	Ē	Ü	ę	u	à	Ŷ	B	Ķ	Ŧ	Ω	λ	Ş
0		Č,	5	F	Å.	Ţ	V	A	ų		Å	Ц.	α	μ	ψ
8		(Ŕ	Ĥ	X	ĥ	w	Å	u b	Ĕ	M N	۲ ال	β	v E	4
ğ		Ì	ğ	Ï	Ŷ	ï	ŷ	ë	ö	ž	1	-	1	5	••
Α		*	:	J	Z	j	ź	è	Ū	Ĥ		Ī	г	π	ω
B		+	;	Ķ	Ţ	ķ	{	Ï	ά	ž	1	T		ρ	Ü
		•	<u><</u>	Ľ	ł	1	ļ	1	f	Ð	1	ŀr	Į	σ	Ū
Ĕ			5	N	×	III D	L	Ä	ε 'n	l «	ā	≖ n	0	ş	ω
Ē		i	?	Ö	_	0		ĥ	ľ	»	ט ז	Ϋ́	Ĕ	ţ	-

Page17 : CodePage869(Greek)

	0 1	2	3	4	5	6	7	8	9	Á	B	С	D	Ε	F
0			0	9	Ρ		р		Τ	ï	*	Ľ	Т	τ	-
		.!	1	A	Q	а	q		Ϊ	î	1	Ŧ	Y	ń	±
2			2	В	R	b	r		D	ò	*	т	$\overline{\Phi}$	9	υ
3		#	3	С	S	С	S			ΰ	Î	┢	Х	1	۵
4		\$	4	D	Т	d	t			Α	4	<u> </u>	Ψ	Й	Ϋ́
5		%	5	E	U	е	u		Y	В	K	+	Ω	λ	ŝ
6		&	6	F	V	f	v	Ά	Ϋ́	Ē	Ä	ή	ã	н	พั
7		1	7	G	W	q	W	€	Ó	Å	M	P	ดิ	v	I
8		(8	Η	Х	ĥ	X	-	Ø	Ē	Ñ	Ľ	Ÿ	È	•
9)	9	Ι	Y	i	v	-	2	Ī	÷.	F	1	õ	••
А		*	:	J	Ζ	i	ź	1	3	Ĥ		Ī	~	π	æ
В		+	:	K	Ī	ƙ	Ĩ	1	ά	ÿ	ี จ	77		ñ	ü
С			Ċ	L	Ń	Ĩ	Ĩ	•	f	ē	1	ļ	-	'n	ñ
D		-	=	M	ì	m	ż	Έ	έ	ĭ	Ξ	=	ñ	č	Å
Ε			>	Ň	×	n	Ł	-	ň		ō	jį,	ŝ	÷	Ť
F		Ì	?	Ö		0		Ή	ï	>	7	₹.	ĭ	3	

Page18 : CodePage928(Greek)

	0 1	2	3	4	5	6	7	8	9	A	Ŕ	C	D	F	F
0			0	6	Ρ		р					î	Π	ΰ	π
1		1	1	A	Ō	а	q			•	±	Α	Ρ	α	ρ
ž			2	B	R	b	r				2	B	_	β	Ś
3		Ŧ	3	Ľ,	ş	ç	ş			£	3	Ľ.	Σ	Y	σ
4		\$	4	P	L.	a	τ					<u>A</u>	F	Ò	τ
С А		<i>k</i> 0 <i>Q</i> .	C a	Ē	U.	ę	U.				'A	Ę	Ţ	ŝ	υ
ž		οx 1	7	ล่	ŵ	1	V ш			į	A -	L L	Ϋ́	S.	Ψ
8		(Ŕ	н	X	h	Y X			ä	F	n A	ŵ	Ä	Х Ш
ğ		Ì	ğ	Ϊ	Ŷ	i	ŵ			C	หั	ĭ	ά	ī	ŵ
A		×.	:	Ĵ	Ż	ī	ź				ï	Ŕ	Ï	й	ï
B		+	;	Κ	E	ƙ	{			«	»	Ä	Ÿ	λ	ΰ
C		,	<	L	7	1	1			٦	0	Μ	ά	μ	ò
Ď		-	=	M	Ţ	m	}				¥.	Ν	έ	ν.	ບໍ
Ę		;	2	N		n	•			-	Ň	Ē	ή	ξ	ŵ
F		1	1	U	-	0					Q	0	i	0	

Page19 : CodePage772(Lithuanian)

į.

	0 1	2	3	4	5	6	7	8	9	A	B	C	D	Ê	F
0			Ũ	0	Ρ		р	Ă	Ρ	а		L	а	р	Ë
1		!	1	Ā	Q	а	ġ	Б	С	б	*	Ŧ	ć	ċ	ë
2		11	2	В	R	b	r	В	Т	B	8	т	ę	Т	≥
3		#	3	С	S	С	s	Γ	У	r		ŀ	ė	У	≤
4		\$	4	D	Т	d	t	A	Ф	Д	+	-	į	ф	"
5		%	5	Ē	U	e	u	E	X	е	Ą	+	Š	х	
6		Å	6	F	N.	f	۷	×.	Ц	ж	ç	Ų	ų	ц	÷
7		÷	7	G	W	g	W	3	Ч	3	Ę	ñ	ũ	ч	3
8		(8	Ĥ	Ň	ņ	Х	Ň	Ш	Ñ	Ë	Ŀ	Z,	Ш	
9)	9	Ļ	Ţ	j	У	N	Щ	И	1	ſ	-	щ	•
A		*	:	IJ	Ļ	J	ž	Ř	D	к	1	7	L	Ъ	•
ß		+	•	K	Ļ	Ķ	١,	1	DI	Л	٦	Ĩ		Ы	¥.
Ľ.		,	<	Ľ	7	ł	Ţ	M	Ď	M	1	ř	F	ь	7
ΓĽ		-	Ξ	M	Ţ	m	Į	Н	5	н	ł	=	Ļ	Э	•
Ę		•	ž	Ň		n		ğ	ĥ	0	S	Ŷ	1	ю	
		1	?	U	_	0		11	Я	п	٦	Z		Я	

Page20 : CodePage774(Lithuanian)

012345	678	9 A B C D E F .
0 0 0 P	p Ç	Éá≣ Ląα≡
1 ! 1 A Q	aqü	æí 测⊥čβ±
2 "2BR	bré	Æó测⊤ęΓ≥
3 # 3 C S	csâ	ôú ¦ ⊧éπ ≤
4 \$4DT	dtä	öñ – įΣ"
5 % 5 E L	e u à	òÑĄ+śσ"
6 & 6 F V	fvā	û ≙ Č Ų ų µ ÷
7 '7GW	gwç	ùՉĘŰűτ≈
8 (8H)	ĥxê	ÿ¿ĖĽŽΦ°
9)9IY	'iyë	Ö - ╣ ┏ ┘ ፀ •
A * : J Z	jzè	·Ω_ <u>Ψ</u> _ΓΩ·
B +;K[k { ï	¢ ½ η ਜ ∎ δ √
C, KLV	1 î	f ¼ 4 o 0
D – = M]	m}i	$\mp i \downarrow = \downarrow \phi^2$
E. N	n Ã	ξ « Ś ∯] ∈ ■
E /?0_	o Å	f≫ıŽ∎∩

Page21 : Code Page874(Thai)

0123456789ABC	0 1	2 !: #\$%&- (`) * +	30123456789	4@ABCDEFGHIJK	5 PORSTUV WXYZE	6 abcdefghijki	7 pqrstuvwxyz{	. 8. 61 8. 6. 61 61 61 6. 6. 1. 11 11 C	C) - 1 - 1 - 1 0 - 1 - 1 1 1	A กบซคุตมงจุณบบบ	Bรักณณตตถ ทธน บบป	ย กมยะถลาวระชาสหร	שיז זרי מעמעי אי	┓╺╕╡╸┚	
9 A B C D E F) * + · - · /	9 · · · < = > ?	I J K L M N O	Y Z [\]	ijk lmno	y z { }	B. D1 Dc Q. G. D1 D.		ជបឋជាព្ រភ្ន	11 11 11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	ងផងផលរា	9 · 2 2 · *		K= 181

Page32 : CodePage1252(Windows Latin-1)

Page33 : CodePage1250(Windows Latin-2)

00	e 6 9 6	- 4
1 4 Ā	י איז א	u
1 I A	' * ± Á Ń á	ń
" 2 B	, ' ĂŇÂ	ň
# 3 C	"Łłłóż	Ó
\$4D	" ¤ ´ Ä Ô a	Ô
% 5 E	i• A u Ĺ Ő Í	Ő
& 6 F	/ † - ¦ ¶ Ć Ö ć	ö
7 G	1 ± - § · C × c	÷
(8 म	Ċ ÖŔĊ	ř
ÌÌI	í z ™ ® a É Ü é	ů
* : J	: ŠšŠŠĒÚ	ú
+ : K	< > < > < > È Ü é	ũ
. L	ŚŚ ĽĚÜ	ü
- = M	+ Ť Ť – Ű Í Ý :	Ý
. > Ň	ŽŽOIĪT	ť
/?0	ŹźŻŻĎĠ	1
- (99 H 99 ::-< M + > 0 / 20 V	+ - S - a - a - a - a - a - a - a - a	:

Page34 : CodePage1251 (Windows Cyrillic)

	0	12	3	4	5	6	7	8	9	À	B	C	D	E	F
0			Q	6	P		р	Ъ	ħ			A	P	a	p
1			1	A	U.	a	ď	Г	,	У č	Ť	Đ	U T	D	ç
22		#	2	D C	R	0	ſ	Ł	"	y J	i	Р Г	v	В	1 V
4		ŝ	ă	Ď	Ť	ď	ť		11	¤	ŕ	Δ	ó.	Д	Ó
5		ž	5	Ē	Ù	ē	ú		٠	٢	μ	Ë	X	ë	ż
6		&	6	F	V	٠f	۷	1	-		ſ	X	Ц	Ж	Ц
7		;	7	G	Ŵ	g	W	Ŧ	-	Ş.	ä	3	4	3	4
ð		· (a	п	Ŷ	n i	X	2	M	Ĉ	۳.	Й	រុរ អា	ท มั	ш III
A		*	:	Ĵ	ż	i	z	ib	љ	£	Ê	ĸ	Ъ	ĸ	Ъ
B		+	;	Ř	Ī	k	{	<	>	«	»	Л	Ы	Л	Ы
C		,	<	Ľ	7	1	1	ĥ	ĥ	٦	j	M	Þ	M	ь
D		-	=	M	Ţ	m	Į	ĸ	ĸ		S	H	J M	H	3
E		;	2	N N		n 0		1	-11 -11	ï	S ï	n	R	п	л Я
			٠		-	0		÷	÷	•	•	•••	~		~

Page64 : CodePage3840(IBM-Russian)

	0 1	2	â	Ā	Ē	ŝ	7	Ω	Q	٨	R	C.	D	F	E
0	0 1	2	ŏ	ß	P	Ý	Ď	Ă	P	a		ĩ	ĭ	D	Ξ
1		ļ	ĭ	Ă	ò	а	ά	Б	ċ	б		Т	Ŧ	č	±
2		ů.	Ź	B	Ř	b	r	B	Ť	В	X	т	π	T	≥
3		#	3	С	S	C	s	Γ	У	Г	T	+	L	У	≤
4		\$	4	D	T	d	t	A	ф	Д	+	÷	F	þ.	ſ
5		%	5	Ē	U	é	u	E	X	е	٩,	t	F	Х	J
ġ		Å,	ğ	F	N.	Ť	V	×.	Ч	ж		F	ſ	Ц	÷
(,	{	Ľ.	W.	g	W	3	Ч	3	TI	ł	ŧ	ч	≈.
0 0		(ő	T	0	ņ	X	Ň	Ш	Ň	7	2	Ť	ш	
5) *		1	+	i	y 7	N N	щ Ъ	N	1	I	-	щ	
R		+	:	ĸ	ŕ	ţ	Ę	'n	ы	n n	1	_	f	D N	J
C			ż	Ê	ľ	î	ì	Ĥ	b	м	J	ľ		Ы	ň
Ď		-	=	M	ì	ŵ	ł	H	ž	H	Ш	=	r	ã	2
E		,	>	Ň	×	n	£	Ö	Ю	0	J.	#	1	ю	
F		1	?	Ó		0		Π.	Ŕ	n	٦	Ï		Я	

Page65 : CodePage3841(Gost)

0 1 0 1 2 3 4 5 6 7 8 9 4 5 6 7 8 9 4 8 9 4 8 5 6 7 8 9 4 5 6 7 8 9 4 5 6 7 7 8 9 8 5 6 7 7 8 9 8 7 7 8 9 8 7 7 8 7 8 9 7 8 7 8	2 !: #\$\$%&, () * + ,/	30123456789<	4 @ A B C D E F G H I J K L M N O	5 PORSTUVWXYZL/]	6 abcdefghijklmno	7 pqrstuvwxyz{ }	8 〒 Ə 岜 İ Ï J K ϴ Ў Y X H W Y Ξ £	9f∃‼IïJЖ@ЎҮӼӇ╫Ҷ⊖,Þ	A !: #¤%& () * + ,/	B0123456789<	Срартдефгхихкимно	р икорот ужвънзшэщчь	врабидергхийклмно		
---	-------------------------	--------------	-----------------------------------	---------------------	-------------------	------------------	-----------------------------------	--------------------	---------------------	--------------	-------------------	-----------------------------	-------------------	--	--

Page66 : Code Page3843 (Polish)

012	2 3	4	5	6	7.8	9	A	B	С	D	E	F.
0	Ō	6	P		рĢ	Ę	Ź		Ľ	Ш	α	Ξ
	1	A	Q	a (qü	ę	Z		Ŧ	Ŧ	β	±
2	2	B	R	bι	ré	Ł	Ó	*	т	π	Г	≥
3 1	: 3	Ç	<u>S</u>	ç	s â	Ô	Ó		ŀ	a.	π	≤
4	5 4	D	T	ď	tä	Ô	ņ.	1	-	F	Σ	ſ
5 2	5 5	Ë	U	ęι	uà	ç	Ň	4	÷	F	σ	J
6	έğ	F	N.	t '	vą	Ũ	Ź	-	F	Γ	μ	÷
	. (6	W.	g١	WÇ	ų.	Ż	Π	ŀ	ŧ	τ	~
8	ğ	Ϋ́Η	Š.	ņ :	хë	S	S	ĩ	Ŀ	ŧ	Φ	
9.)	y	ļ	Ţ	ļ j	уę	Ö	~	í	Ī	1	Ð	•
A P	•	J	4	ן נ	ze	Ų	7	1	Т	1	Ϋ́	:
8 1	• ;	K	ŕ	K ·	{ 1	Zİ	2	1	ĩ		Ò	¥.
	<u> </u>	L	}	1		Ł	4	1	ŀř	P.	0	,
U r		- M	1	m,	ξÇ	Ŧ	i	1	=	L.	ø	•
Ĺ,	, ,	N		n	Å	S	«	3	Ŷ		e	•
	• •	U	-	0	Ą	Ţ	*	٦	=		П	

Page67 : CodePage3844(CS2)

	0 1	2	3	4	5	6	7	8	9	A	В	Ċ	D	E	F
0			Q	Ø	P		р	Ċ	É	á		T	T	α	Ħ
		1	1	A	Q	а	q	ÿ	Ž	í		Т	Ŧ	β	±
2			2	B	ĸ	D	r	ę	Ž	ò	×,	Т	T	Ľ	2
3		H de	3	L L	S T	ç	5 +	Q ä	Ö	ŭ		r	L	π	ŝ
5		Ŷ	5	F	h	u e	ι Π	đ	ń	Ň]	ī	-	4	
6		ĩ	õ	F	Ň	f	v	Ť	ŭ	Ö	1		۲ ۳	й	J ÷
7		Ŧ	7	G	Ŵ	ġ	Ŵ	č	ú	Õ	۳ ۲	•	#	τ	=
8		(8	Н	Х	Б	х	ě	ý	Š	Ä	L	ŧ	₫	•
9)	9	Í	Y	i	У	Ĕ	Ö	ř	ł	f	L	θ	٠
A		*	:	IJ	Ļ	J	ž	Ļ	ų	ŗ		Ŧ	1	Ω	;
b		+	•	K	ŕ	K	ł	ř	S	R]	Ī		0	√ R
Ď		<u>_</u>	ì	M	ì	L m	ł	1	Ý	8	1	ľ		ď	2
Ē			5	Ň	×	'n	£	Å	Ř	3 «	1	Ť	5	¢ F	
Ē		7	?	Ö		0		Â	ť	≫	٦	1		ñ	

Page68 : CodePage3845(Hangarian)

) 1 2	34	56	78	9 A	BC	DEF
0		0 0	P .	рÇ	Éá	i L	⊥α ≡
	!		Qa	qů	æ 1	** T	÷β±
2	#	2 0	S C	re	λΟ	₩Ţ	
ă	* \$	4 D	ι σι τι h Τι	t ä	ÖŨ	1 [- 7 2 F 2 (
5	ž	5 Ē	Ú ē	uà	όÑ	4 +	FO
6	&	6 F	Ýf	vå	ű a	1 =	πμ÷
7		76	Wg	₩Ç	ŲÕ	π	Ητ≈
8	(8 1	ιχņ	xe	j j	1 6	† 9
9)	a 1	1 1 7 i	y e	U -	1 I	- 0 -
R	+	i K	ŕk	- ξ Γ	¢ k	1 -	Γ ^W ·
Č	,	- k i	ΪΪ	ÌÎ	f¥	1	o n
D	-	= M	l] m	} Í	¥i	Ш Щ	ø²
Ē	•	> N	l n	ĩŽ	R _g ≪	╡╫] € ■
l I	· 7	? (00	- A	f »	<u>ר</u> ≜	- ()

Page69 : CodePage3846(Thrkish)

	0 1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
0			0	0	Ρ	•	р	Ç	É	á	*	L	Ш	α	Ξ
		1	1	Α	Q	а	q	Ü	2	í	8	T	Ŧ	β	±
2			2	В	R	b	ŕ	é	Æ	Ó	2	т	π	Γ	≥
3		#	3	Ĉ	S	C	s	â	Ô	ú	ï	ŀ	L	π	≤
4		Ŝ	Ă	Ď	Ť	ď	Ť	ä	ö	ñ	4	÷	Ŀ	Σ	ſ
5		ž	5	F	-ù	ē	Ū.	à	ò	Ñ	-	+	F	ā	
ĕ		ê	ĕ	Ē	Ň	f	v	ă	ñ	ā	4	F	, ,	Ū.	÷
7		, ñ	7	ล่	Ŵ	à	ŵ	č	ň	ā	11	4	1	Ŧ	≈
ġ.		. 1	ģ	й	Ÿ	ĥ	~	å	Ť	Ĩ		Ł	Ŧ	à	•
o o		1	ă	Ť	Ŷ	i	÷	ä	â	÷	ł	-	I	Ā	
3		Ĵ	3	1	÷	i	y	ò	ă	~	1	I	_	ŏ	
		Ť	:	Ň	r r	ł	-1	5	4	r	<u>"</u>	_		Å	.1
D		+	1	Ň	-۲	- K 1	ł	ļ	r L	ĩ]	T		0	ň
Ļ.		,	5	L.	ł	1	Ţ	1	Ţ	4	1	ł	F	~	2
L D		-	=	M	ļ	M	Ţ	1	Ŧ	ļ	1	=	ų	ý	_
Ł		•,		N		n		Ŷ	Ş	*	4	Ŷ	1	é	
F		- /	?	0	_	0		Á	\$	≫	٦	=	-	11	

Page70 : CodePage3847(Brazil-ABNT)

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
0				0	0	Ρ	•	Ρ					Å.	Ð	à	đ
1			1	1	Á	Q	а	a			i	±	Á	Ñ	á	ñ
2			ů.	2	В	R	b	ŕ			¢	2	Â	Ò	â	ò
3			Ħ	3	Ē	ŝ	č	S			f	3	Ã	Ó	ã	ó
й			č	ă	ň	Ť	ň	Ť			ū	•	Ä	Ô	ä	Ô
5			ž	Ę	Ĕ	-ii	õ	- ni			¥	11	ï	ñ	ā	õ
ă			ŝ.	ă	4	Ň	Ť	v			į.	ñ	F	ň	2	ö
7			Ŷ	7	6	ū	'n	¥ M			k	•	ñ	Ŭ	ř	•
6			1	6	ŭ	Ÿ	Ĕ				Ş		ž	Ø	ž	đ
O O			1	0	n T	0	ų	<u>.</u>			0	i	Ę	ŭ	Á	N.
à)	Э	1	4	1	Ā			<u> </u>	•	Ē	U U	ŝ	ų.
A			*		J.	Ļ	J	Z			2	Ĩ	Ë	Ň	Е	ů.
В			+	÷	Ķ	Ļ	Ķ	١			¢,	*	÷	N	ę	ų.
C C			,	<	L	7	1	1				4	ļ	ý	ļ	ų
D			-	Ξ	M	ļ	m	ł			5	ž	Ĭ	Ŷ	1	y
E			•	>	N		n					*	Ï	Þ	1	Þ
F			1	?	0	_	0					i	I	ß	ï	

Page71 : CodePage3848(Brazil-ABICOMP)

	0 1	2	3	4	5	6	7	8	9	Â	В	С	D	E	F
0 1		ı	0	@ 4	P D	à	p			à	Ó	į	Ò		
2			ź	B	Ř	Б	r			Å	Õ	á	Ô		
3		#	3	C	ST	c d	s +			Ă	0 ň	â	Ő		
5		×	5	Ĕ	ΰ	e	ů			- Â	Ř	ä	æ		
6		&	6	F	Ŵ	f	V u			ç	Ŭ	ç	Ú		
8		(8	H	x	Б	x			Ę	ŏ	é	û		
9)	9	I	Y	i	y			Ê	Ű	ê	Ű v		
B		+	;	ĸ	ĺ	ķ	{			Ì	. 1	ì	β		
C		•	<	Ľ	ł	1	ł			Í	f	ĺ	a o		
Ē			5	N	1	n	ĩ			Ï	ś	ï	ž		
F		1	?	0	-	0				Ñ	Ŧ	ñ	±		

Page72 : Code Page1001 (Arabic)

	0	1	2	3	4	5	6	7	8	9	A	В	С	D	Ε	۴	١.
0				0	Ģ	P	•	р	÷,	J	έ	-4	L	•		Ξ	*
•				1	A	Q.	a	q	{	j	<u>م</u>	Ċ	ç	ی		t	
2			ш	5	Ř	ĸ	D	r		س	Ę	<u>د</u>	÷	-	*	2	
3			Ħ Ē	3	ň	T	ď	+	1	مر سر			2		5	ĩ	
4		i	ž	5	F	ц.	e	ц П	د		Ŀ.	5	*	1	5		
6			R	6	F	Ň	Ť	v	٢	ش	ð	ې	خ	Ť	۲	÷	
7			ï	Ž	G	Ŵ	ġ	Ŵ	ب	<u>ش</u>	ā	ئ	٤	٣	Т	2	
8			(8	Ĥ	X	ĥ	х	ب	ص	4	÷	۰	٤	φ	•	
9)	9	Í	Ţ	i	У	۵	مر	<u>ک</u>		\$	0	ĕ	•	
A			*	÷	J	Ļ	Z	ç	ت	وست.	် ရ	:	يە. ئ	1	¥	;	
D C			+	2	ĸ	Ł	К 1	ì	<u>د</u>	مس ش	Ň	Ś	رد لا	X	0	ň	
n			<u>'</u>	ì	M	ì	m	1	<u>د</u>	فتر	k	τ	لد	Ϋ́.	đ	2	
Ĕ				>	Ň	×	'n	Ţ	د	مل	Ŀ	Ĺ	•	-	É		
F			Ì	?	Ö	_	0		ذ	ظ	4	÷	4	:	ñ		
A B C D E F			*+,/	····< = >?	JKLMN0	Z [\] -	jkl m n o	z { }	: ר ו י י י	مس خر طل	い しただぶつ	، ۲۰۲۰ ئ	よい ごういん	1 7 8 1	Ωδ ® Ø ∈ Π	√ 11 2 ■	

Page73 : CodePage2001 (Lithuanian-KBL)

0 1	23	45	67	89	AB	CDEF
0	_ <u>0</u>	θP) p	AP	a	ι <u>π</u> ρξ
2		R R	hr	BT	B	υς ΤΕ
3	# 3	čŝ	Č S	Γý	ΓĨ	ĻĽyę
4	\$ 4	DŢ	d t	ДŶ	Aj	- = • • •
5	26 26	FV	eu fv	Ξ.	е т ж -1	T T A I
7	° 7	GŴ	l ġ w	34	З п	l
8	(8	ΗX	ίĥχ	N H	NJ	⊑ ≠ Ш Ų
9) 9	17	' 1 y ' i 7	кл	"]	<u>Г</u> -щу
B	·+	ΚĨ	k (ักมั	, הת	ភ្លាស់ ប៉័
C	,	ĽĽ		Mb	. н Г. М. П	ĻĄЬZ
D		: M.,	լ ու չ	• H J • N N	<u>н</u> ч	= 2 3 Z
F	12	Ö.	_ 0	ñЯ	۳ n	≚čя́

Page74 : CodePage3001(Estonian-1)

	0	1 2	23	4	5	6	7	8	9	A	B	С	D	E	F
0			Q	6	Ρ		р	Ç	É	á	3000 E	Ţ	Š	Ó	-
1			.]	A	U D	a	ģ	ú	3	1		-	S	۲ ۵	±
2		:	: 3	č	ŝ	C D	S	â	Ô	ú	Ĩ	Ŧ	Ë	ŏ	Ī
4		Ś	54	Ď	Ť	ď	Ť	ä	ö	ñ	+	-	È	Õ	1
5		9	65	Ē	υÜ	ę	u	à	Ò	Ñ	Á	ţ	ļ	Õ	Ş
6		. 8	k 10		V W	Ţ	ิ พ	a	u ù	2	Â	ă	1	Ę	÷
8			េះ	ιH	X	h	X	ě	ÿ	ž	ê	î	Ï	ž	4
ğ			Ìš	Ī	Ŷ	i	ÿ	ë	ő	ĕ	1	ſ	ĩ	Ú	
A		:	* :	J	Z	j	Ž	è	Ü		l	T	ſ	Û	-
В			+ ;	K	ŕ	K	ł	1	Q 2	2]	Ĩ		U Ú	3
			- 3	: L	ìì	1 m	\$	ì	ģ	1	đ	۲ ۳	Ţ	Ý	2
Ē			. >	> N	*	n	Ł	Ä	Ĩ	ĸ	¥	H T	ł	÷.	•
F			1 '	? 0	_ ۱	0		Å	f	≫	٦	ü		•	

Page75 : CodePage3002(Estonian-2)

	01	2	3	4	5	6	7	8	9	A	В	С	D	F	F
0			0	0	Ρ		P				•	À	Š	à	Š
		1	1	Ā	Q	а	à			i	±	Á	Ñ	á	ñ
2		11	2	В	Ŕ	b	r			ė	2	Â	Ò	â	ò
3		±	3	Ĉ	ŝ	ñ	s			f	3	ĩ	ň	ã	ó
Δ		ŝ	Ă	Ď	Ť	ň	Ť			Ē	•		ñ	ä	ñ
5		ž	5	Ĕ	лi.	ē	ñ.			¥	п	î	ñ	ă	ñ
ñ		ĩ	ă	Ē	Ň	f	v			į.	ģ	Ê	ň		ä
7		ĩ	ž	ก่	ŵ	à	ŵ			Ś		ĉ	×	č	÷
8		1	ġ	й	ÿ	ĥ	Ÿ			Ş		Ě	Ø	ž	à
ğ		ì	ă	ï	Ŷ	ï	ŵ			0	1	È	ň	á	ň
Ā		*		î	ż	i	7			а	0	ê	ŭ	â	ň.
Ŕ		+	:	Ň	ŕ	¢	Ĩ			- «	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Ë	ň	ö	ñ
ñ		•	2	Ê	ľ	î	ľ			_	ĩ	Ŧ	ň	ì	ö
ň		<u>'</u>	2	M	ì	m	ł				12	Ť	v	í	ú
E			5	N	¥	111	ŗ			8	ĩ	÷.	ž	ŝ	Į.
Ē		;	5	n						-	1	÷	ĥ	- 1 1	ζ.
		/	÷	U	-	U					6	Ŧ	G	1	y

Page76 : CodePage3011(Latvian-1)

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ε	F
0				0	0	Ρ		р	Ç	É	á	*	Ľ	Š	α	Ē
1			!	1	A	Q	а	q	ů	3	í	*	Ŧ	Ŧ	ß	ē
2				2	В	R	b	ŕ	é	Æ	Ó	ÿ	Ŧ	ċ	1	Ğ
3			#	3	С	S	C	s	â	Ô	ů	T	ŀ	Č	π	Ŕ.
4			Ŝ	4	Ď	Ť	ď	Ť	ä	ö	ñ	4	<u>'</u>	ĩ	Σ̈́	Ϋ́ κ
5			ž	5	Ē	Ū	ē	ū	à	ò	Ñ	Å	+	F	ā	ĩ
ñ			ñ	ň	Ē	v	f	v	å	ñ	a	- jj	å	Å	й	1
ž			÷.	7	'n	Ŵ	ä	ŵ	č	ù	ō	и n	ŭ	¥	۲.	ş
Ŕ			(Ŕ	й	ÿ	ĥ	Ÿ	ž	ÿ	5	1,1	L	÷	à	ž
ğ			ì	ğ	Ť	Ŷ	ï	ŵ	ä	ñ	Ě	1	-	Ĵ	Ā	-
Ă			*	÷	Ĵ.	ż	i	7	à	ň	-	ł	I	_	ŏ	
R			+	:	ŭ	ŕ	Ł	ī	ï	đ	k		_	E.	Å	3
č				2	n i	۲,	ì	ł	ŝ	ř	12]	I			Ň
ň			<u>.</u>	2	м	ì		ł	ì	Ť	1	li li	ir.	Z	~	Ň
r c			-	~	I'I NI	×		ĩ	4	f n	ļ	1		ų.	ø	2
			;	2	N		n.		Ą.	ų.	*	3	Ŷ	<u>u</u>	é	•
			1	•	U	_	0		Α	Ţ	»	٦	=	-	П	

Page77 : CodePage3012(Latvian-2)

	0	1	2	3	4	5	6	7	8	9	А	В	С	D	Ε	F
0				0	Ģ.	P	•	р	Å	P	a		L	Š	р	Ē
2			÷.	2	A		a	ğ	Þ	ç	6	1	Ŧ	Ţ	C	ē
3			#	3	č	S	n n	1	F	v	B	Ť	Ι	Č	T	ų L
4			\$	ă	Ď	Ť	ď	ť	Å	ó	Д		<u> </u>	ĩ	b b	k
5			%	5	Ē	U	e	u	E	X	ê	Å	ł	F	x	ĩ
6			&	6	F	Y	f	۷	×	Ц	Ж	╢	å	ģ	Ц	Ļ
Ŕ			1	ģ	ц Ц	W	g	W	3	Ч	3	Ď	ł	Ť	Ч	ź
ğ			ì	ğ	Ī	Ŷ	i	v	Й	Ű	и й	1		1	للا HB	4
A			×	÷	Ĵ	ż	i	ź	ĸ	Ъ	ĸ		Ĩ	r	щ Ъ	•
B			+	;	K	[ķ	{	Л	b	Л	ĩ	ī	Ĺ	Ы	√
C			•,	<	Ľ	Ż	1	í	M	þ	M	1	ŀ	Ē.	Ь	Ň
F			-		M	Ť	m	Į	Н	Э	Н	0	= Д	Ū	3	Ś
F			i	?	ö		0		ň	Я	U n	-	Ï	Ĕ	Ю а	•
			'	•	2	-	Ĵ		• •	~	.1	1	_			

Page78 : Code Page3021 (Bulgarian)

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F	
0				Q	Ģ	P	•	р	A.	P	а	р	τ		α	3	-+.
				1	A	Q	a	q	5	Ğ	б	С	т	8	β	±	
2				ž	Ř	Ř	D	r	B	T	В	т	Т	Ŵ.	Г	≥_	
3			Ŧ	3	Ľ,	ş	ç	ş	1	Ŷ	Г	Ŷ	ŀ		π	ş	
4			ş	4	2		a	τ	₿	÷.	Д	Ф.	-	1	Σ	ſ	
C			20	S		U.	ę	u	Ë	- Ā	е	X	t	F	σ	ì	
07			Ŕ	2	r C	¥ س	T	V	M 2	н	ж	Ц	1	9	μ	÷	
8			1	ģ	ü	Π.	Å	W	3	۲ H	3	4]	T	~	
ğ			S.	ğ	Ť	Ŷ	i	0	ŬĂ.	iii	ň	ш 121	-	ĩ	å		
Ă			*	÷	Ĵ	ż	i	7	ĸ	ĥ	v	щ Ъ	I	<u> </u>	ő		
В			+	÷	Ň	ĩ	Ŕ	ĩ	ñ	ม	л	ม	-		ň	J	
Ċ				Ż	Ë	Ň	ĩ	ì	M	Б	M	Ь	Ļ	-	œ	ň	
D			-	=	M	j	m	ż	Ĥ	ā	н	э	=	Г	ø	2	
E				>	Ν	×	n	£.	0	Ю	0	ю	#	٦.	έ		
F			1	?	0	_	0		Π	Я	п	я	ĩ		Ň		
F			/	?	0	-	0		Π	Я	П	я	٦		Λ		

Page79 : CodePage3041 (Maltese)

	0	1	2	3	4	5	6	7	8	9	Â	B	С	D	E	F
0				0	0	Ρ	Ċ	Р	Ç	É	á	*	τ	П	α	8
1			1	1	A	Q	а	q	ü	3	í	*	Ŧ	Ŧ	β	±
2				2	В	R	b	r	é	Æ	Ó	*	T	π	Г	≥
3			#	3	С	S	С	s	â	Ô	ú	T	ŀ	L.	π	≤
4			\$	4	D	T	d	t	ä	Ö	ñ	-	-	F	Σ	ſ
5			%	5	Е	U	е	u	à	ò	Ñ	4	+	F	σ	J
6			&	6	F	Y	f	۷	å	û	<u>a</u>	ſ	+	Ť	μ	÷
7			'	7	G	₩	g	W	Ç	ù	ō	n	ŀ	ŧ.	τ	≈
8			(8	Н	Х	ĥ	Х	ê	ÿ	i	۹	Ł	ŧ	φ	•
9)	9	Ι	Y	i	У	ë	Ö	-	{	١ŕ	1	θ	٠
Α			*	:	J	Ζ	j	ż	è	Ü	-		Ϊ	r	Ω	٠
В			+	:	ĸ	ġ	ƙ	Ġ	ï	¢	ķ	ล	Ŧ	1	δ	√
C				Ż	L	ž	1	Ż	î	f	4	ł	Ļ	-	œ	n
D			-	=	Μ	ħ	m	Ħ	ì	¥	i	Ш	=	Г	ø	2
E				>	Ň	•	n	Ċ	Ä	P.	Ŕ	1	#	1	έ	
F			1	?	0		0	Ó	Ā	Ŧ	≽	7	Ţ		Ň	

5-1-3 International Characters

	23	24	40	E	- - 7 -	-50	5E	60	7B	70	70	Æ
U.S.A	#	\$	Q	[1]	^	`	{		}	~
France	#	\$	à	a	ç	§	^	ì	é	ù	è	
Germany	#	\$	§	Ä	Ö	Ü	^	`	ä	ö	ü	ß
UK	£	\$	Q	[/]	^	`	{		}	~
Denmark I	#	\$	0	Æ	Ø	Å	^	`	æ	ø	å	~
Sweden	#	¤	É	Ä	ö	Å	Ü	é	ä	ö	å	ü
Italy	#	\$	0	۰	\	é	^	ù	à	Ò	è	ì
Spain	P.	\$	Q	i	Ñ	i	^			ñ	}	~
Japan	#	\$	0	[¥]	^	`	{		}	~
Norway	#	¤	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
Denmark II	#	\$	É	Æ	Ø	Å	Ü	é	æ	ø	å	ü
Spain 11	#	\$	á	i	Ñ	S	é		í	ñ	0	ú
Latin America	#	\$	á	i	Ñ	ż	é	ü	í	ñ	Ó	ú
Korea	#	\$	6	Γ	₩]	^		{	1	}	~

5-2 Japanese Language Codes (Conforming to JIS x0208-1983)

5-2-1 JIS Codes

	01234	56789,	AΒ	CDEF
5550	$\bullet \square \blacksquare \Delta$	▲▽♥※〒・	→←	↑↓〓
2230			∈э	⊆⊇c⊃
2240	UN		ΛV	¬⇒⇔∀
2250	Э			∠⊥⁻∂
2260	⊽≡≒≪≫-	√∾∞∵չ	22	
2270	'n#	b♪†‡¶'		0

0123456789АВСДЕ 2720 АБВГДЕ ЁЖЗИЙКЛМН 2730 ОПРСТУФХЦЧШЩЪЫЬЭ 2740 ЮЯ 2750 абвгде ёжзийклмн 2760 опрстуфхцчшщъыьэ 2770 юя

	<u>0123456789ABCDEF</u>
2820	— ┌┐┘└┟┰┤┵┿ ━ ┍┑
2830	┙┕┝┳┫┷╋┠┯┨┷┿┝┰┥┸
2840	+
2850	
2860	
2870	

2320	
2330	0123456789
2340	ABCDEFGHIJKLMNO
2350	PQRSTUVWXYZ
2360	abcdefghijklmno
2370	pqrstuvwxyz

0123456789ABCDEF

	0123456789ABCDEF
2420	ぁあぃいぅうぇえぉおかがきぎく
2430	ぐけげこごさざしじすずせぜそぞた
2440	だちぢっつづてでとどなにぬねのは
2450	ばばひびぴふぷぷへべぺほぼぼまみ
2460	むめもゃやゅゆょよらりるれろゎわ
2470	ゐゑをん

2970			

0123456789ABCDEF

0123456789ABCDEF

2220

2230

2240

2250

2260

2270

				-											
\cap	1	2	а	Λ	5	6	7	8	a	Δ	R	\cap	D	Ē	F

2520 ァアィイゥウェエォオカガキギク 2530 グケゲコゴサザシジスズセゼソゾタ 2540 ダチヂッツヅテデトドナニヌネノハ 2550 ババヒビピフブプヘペペホボポマミ 2560 ムメモャヤュユョヨラリルレロゥワ 2570 耳ヱヲンヴヵヶ

	0123456789ABCDEF
2620	ΑΒΓΔΕΖΗΘΙΚΛΜΝΞΟ
2630	ΠΡΣΤΥΦΧΨΩ
2640	αβγδεζηθικλμνξο
2650	πρστυφχψω
2660	
2670	

0123456789ABCDEF

0123456789ABCDEF

	0123456789ABCDEF		0123456789ABCDEF
2220		3320	魁晤械海灰界皆絵芥蟹開階貝凱劾
2230		3330	外咳害崖慨概涯碍蓋街該鎧骸浬馨蛙
2240		3340	垣 柨蛎鈎劃嚇 沯廓 拡撹格核殻獲確穫
2250		3350	覚角蕀較郭閣隔革学岳楽額顎掛笠樫
2260		3360	檯梶鰍澙割暍恰括活渇滑葛褐轄旦鰹
2270		3370	旪椛樺鞄株兜竃蒲釜鎌噛鴨栢茅萱

0123456789ABCDEF		0123456789ABCDEF
	3420	粥刈苅瓦乾侃冠寒刊勘勧巻喚嵬姦
	3430	完官寬干幹患感慣憾換敢柑桓棺款歓
	3440	汗漢澗潅環甘監看竿管簡緩缶翰肝艦
	3450	莞観諌貫遦鑑閰閑関陥韓館舘丸含岸
	3460	巖玩癌眼岩翫贋雁頏顏願企伎危喜器
	3470	基奇嬉寄岐希幾忌揮机旗既期棋棄
	0123456789ABCDEF	0123456789ABCDEF 3420 3430 3440 3450 3460 3470

01234567894	ABCDEF	0123456789ABCDEF
2220	3520	機帰毅気汽畿祈季稀紀徽規記貴起
2230	3530	軌輝飢騎鬼亀偽儀 妓宜戱技擬欺犧疑
2240	3540	祇 義 鱶誼簚搊菊鞠吉吃喫桔橘詰砧杵
2250	3550	黍却客脚虐逆丘久仇休及吸宫弓急救
2260	3560	朽求汲泣灸球究窮笈級糾給旧牛去居
2270	3570	巨拒拠挙渠虚許距鋸漁禦魚亨享京

	0123456789ABCDEF		0123456789ABCDEF
3020	亜唖娃阿哀愛挨娢逢葵茜穐悪握渥	3620	供侠僑兇競共凶協匡卿叫喬境峡強
3030	旭葦芦鯵梓圧斡扱宛姐虻飴絢綾鮎或	3630	彊怯恐恭挟教橋況狂狭矯胸脅興蕎鄉
3040	粟袷安庵按暗案闇鞍杏以伊位依偉囲	3640	鏡響饗驚仰凝尭暁業局曲極玉桐粁僅
3050	夷委威尉惟意慰易椅為畏異移維緯胃	3650	勤均巾錦斤欣欽琴禁禽筋緊芹菌衿襟
3060	萎衣謂違遺医井亥域育郁磯一壱溢逸	3660	謹近金吟銀九俱句区狗玖矩苦躯駆駈
3070	稲茨芋鰯允印咽員因姻引飲淫胤蔭	3670	駒具愚虞喰空偶寓遇隅串櫛釧屑屈

	0123456789ABCDEF	
0400		

3120	阮隆隗韻时石于烏羽过雨卯霜親丑
3130	碓臼渦噓唄欝蔚鮼姥厩浦瓜閠囀云運
3140	雲荏餌叡営嬰影映曳栄永泳洩瑛盈顡
<u>3</u> 150	頴英衛詠鋭液疫益駅悦謁越閲榎厭円
3160	園堰奄宴延怨掩援沿演炎焰煙燕猿緣
3170	艶苑薗遠鉛鴛塩於汚甥凹央奥往応

	0123456789ABCDEF
3220	押旺横欧殴王翁襖鴬鴎黄岡沖荻億
3230	屋憶臆桶牡乙俺卸恩温穏音下化仮何
3240	伽価佳加可嘉夏嫁家寡科暇果架歌河
3250	火珂禍禾稼箇花苛茄荷華菓蝦課曄貨
3260	迦過霞蚊俄 餓我牙画臥芽蛾賀雅餓駕
3270	介会解回塊壞廻快怪悔恢懐戒拐改

	0123456789ABCDEF
3720	掘窟沓靴轡窪熊隈粂栗鱢桑鏉憅君
3730	薫訓群軍郡卦袈祁係傾刑兄啓圭珪型
3740	契形径恵慶慧憩揭携敬景桂渓畦稽系
3750	経継繋罫茎荊蛍計詣警軽頚鶏芸迎鯨
	derivation with the sale from land has been as a set of the same

0100156700

3760	劇戟擊激隙桁傑欠決潔穴結血訣月件
3770	倹倦健兼券 剣喧圕堅嫌建憲懸拳捲

	<u>0123456789A</u> BCDEF
3820	検権牽犬献研硯絹県肩見謙賢軒遣
3830	鍵険顕験鹸 元原厳幻弦減源玄現絃舷
3840	言諺限乎個古呼固姑孤己庫弧戸故枯
3850	湖狐糊袴股胡茲虎誇跨鈷雇顧鼓五互
3860	伍午吳吾娯後御悟梧檎瑚碁語誤護醐
3870	乞鯉交佼侯侯倖光公功効勾厚囗向

3920	后喉坑垢好孔孝宏工巧巷幸広庚康
3930	弘恒慌抗拘控攻昂晃更杭校梗構江洪
3940	浩港溝甲皇硬稿糠紅紘絞綱耕考肯肱
<u>3950</u>	腔膏航荒行衡講貢購郊酵鈜砿鋼闇降
3960	項香高鴻剛劫号合壕拷濠豪轟麴克刻
3970	吿国糓酷鵠黒獄漉腰甑忽惚骨狛込

0123456789ABCDEF

3320	此頃今困坤墾婚恨懇昏昆根梱混痕
3330	紺艮魂些佐叉唆嵯左差査沙瑳砂詐鎖
3340	娑坐座挫價催再最哉塞妻宰彩才採栽
3350	歳済災采犀砕砦祭斎細菜裁載際 剤在
3360	材罪財冴坂阪堺榊肴咲崎埼碕鷺作削
3370	咋搾昨朔柵窄策索錯桜鮭笹匙冊刷

0123456789ABCDEF

3320	察拶撮擦札殺薩維皐鯖捌錆鮫皿晒
3330	三傘参山惨撒散栈燦珊産算纂蝅讃賛
3340	酸餐斬暫残仕仔伺使刺司史嗣四士始
3350	姉姿子屍市師志思指支孜斯施旨枝止
3360	死氏獅祉私糸紙紫肢脂至視詞詩試誌
3370	諮資 睗雌飼歯事 似侍児字寺慈持時

0123456789ABCDEF

3320	次滅治爾重痔磁示而耳自蒔辞汐鹿
3330	式識鴫竺軸宍雫七叱執失嫉室悉湿漆
3340	疾質実蔀 篠偲柴芝 靨 蕊縞舎写射捨赦
3350	斜煮社紗者謝車遮蛇邪借勺尺杓灼爵
3360	酌釈錫若寂弱惹主取守手朱殊狩珠種
3370	腫趣酒首儒受呪寿授樹綬需囚収周

0123456789ABCDEF

3320	宗就州修愁拾洲秀秋終繍習臭舟蒐
3330	衆襲響蹴輯週酋酬集醜什住充十従戎
3340	柔汁渋獣縱重銃叔夙宿淑祝縮粛塾熟
3350	出梳述俊峻春瞬竣舜駿准循旬楯殉淳
3360	準潤盾純巡遵醇順処初所暑曙渚庶緒
3370	罯書薯藷諸助叙女序徐舩鋤除傷償

0123456789ABCDEF

3320	勝匠升召哨商唱嘗奨妾娼宵将小少
3330	尚庄床廠彰承抄招掌捷昇昌昭晶松梢
3340	樟樵沼消渉湘焼焦照症省硝礁祥称章
3350	笑粧綛肖菖蒋蕉衢裳訟証認詳象賞醤
3360	鉦鍾鐘障鞘上丈丞乗 冗剰城場壞孃常
3370	棈擾条杖浄状畳穰蒸譲醸錠嘱埴飾

0123456789ABCDEF 3320 拭植殖燭織職色触食蝕辱尻伸信優"

<u>3330</u>	唇娠邃審心慎振新晋森榛浸深申疹真
3340	神秦紳臣芯薪親診身辛進針震人仁刃
3350	塵壬尋甚尽腎訊迅陣靱笥諏須酢図厨
3360	逗吹垂帥推水炊睡粋翠衰遂酔錐鍾随
3370	瑞髄崇嵩数枢趨雛据杉椙薈頗雀裾

0123456789ABCDEF

4020	澄摺寸世瀬畝是凄制勢姓征性成政
4030	整星晴棲栖正清牲生盛精聖声製西誠
4040	銴請逝醒靑静斉税脆篗席惜戚斥莤析
4050	石積藉績脊費赤跡蹟碩切拙接摂折設
4060	窃節説雪絶舌蝉仙先千占宣専尖川戦
4070	扇撰栓栴泉浅洗染潜煎爥旋穿箭線

0123456789ABCDEF

4120	纎羨腺舛船薦詮賎践選遷銭銑閃鮮
4130	前善漸然全禅繕膳糎噌塑岨措曾曽楚
4140	狙疏疎礎祖租粗素組蘇訴阻遡鼠僧創
4150	双叢倉喪壮奏爽宋層匝惣想捜掃挿掻
4160	操早曹巣槍槽漕燥争痩相窓糟総綜聦
4170	草荘葬蒼藻装走送遭鎗霜騒像増憎

0123456789ABCDEF

4220	隵蔵贈 造促側則即息捉束測足速俗
4230	属賊族続卒袖其撤存孫尊損村遜他多
4240	太汰詑唾墮妥楕打柁舵楕陀駄騨体堆
4250	対耐岱帯待怠態戴替泰滞胎腿苔袋貸
4260	退逮隊黨鯛代台大第醍題鷹滝瀧卓啄
4270	宅托択拓沢灈琢託鐸濁諾茸凧蛸只

0123456789ABCDEF

4320	吅但達辰奪脱巽竪辿樃谷狸鱈樽誰
4330	丹単嘆坦担探旦歎淡湛炭短端篳綻耽
4340	胆蛋誕鍛団壇弾断暖檀段男談饘知地
4350	弛郰智池痴稚置致倁遅馳築畜竹筑蓄
4360	逐秩窒茶嫡着中仲宙忠抽昼柱注虫衷
4370	註酎鋳駐樰瀦猪苧著貯丁兆凋喋寵

0123456789ABCDEF

4420	岴帳厅弔張彫馔懲挑轠朝潮牒町朓
4430	聴脹腸嶫調諜超跳銚長頂鳥勅捗直朕
4440	沈珍賃鎮陳津墜椎槌追鎚痛通塚杷掴
4450	槻佃濱柘辻蔦 綴鍔椿 潰坪壷嬬紬爪吊
4460	釣鶴亭低停偵剃貞呈提定帝底庭廷弟
4470	悌 抵挺提梯汀碇禎程締艇訂 諦蹄逓

4520	邸鄭釘鼎泥摘擢敵滴的笛適鏑溺哲
4530	徹撤轍迭鉄典填天展店添纏甜貼転顛
4540	点伝殿澱田電兎吐堵塗妬屠徒斗杜渡
4550	登菟賭途都鍍砥砺努度土奴怒倒党冬
4560	凍刀唐塔塘套宕島鵲棹投搭東桃梼棟
4570	盗淘湯涛灯燈当痘祷等答筒糖統到

0123456789ABCDEF

4620	蕫蕩藤討櫿豆踏逃透鐙陶頭騰闘働
4630	動同堂導憧撞洞瞳童胴萄道銅鞐鴇匿
4640	得徳涜特督禿篤審独読栃橡凸突椴届
4650	藘苫寅酉 瀞 噸屯惇敦沌豚遁頓呑曇鈍
4660	奈那内乍凪薙謎灘捺鍋楢馴縄醊南楠
4670	軟難汝二尼弐迩匂賑肉虹廿日乳入

	<u>0123456789ABCDEF</u>
4720	如尿韮任妊忍認濡禰袮窙葱猫熱年
4730	念捻撚燃粘乃廼之埜嚢悩濃納能脳膿
4740	農覗蚤巴把播覇杷波派琶破婆罵芭馬
4750	俳廃拝排敗杯盃牌背肺輩配倍培媒梅
4760	楳煤狽買売賠陪遭蝿秤矧萩伯剥博拍
4770	柏汩白箔粕舶薄迫曝漠爆縛莫駁麦

0123456789ABCDEF

4820	兩箱硲箸饏筈櫖皤肌畑禼八鉢楶鉡
4830	發髮代罰坊符關邊廠協給售供判平反
4840	新客意义的发展的基本的分子中生产
4040	双铜石的场场无穷的数本原电子打开
4000	不仅吸收说明金盛馨番蜜健卑省如此
4860	彼恐難抗援斐氏卿波及碑秘靜龍肥被
48/0	誹籫避非飛樋簸備尾微枇毘琵眉美

0123456789ABCDEF

4920	鼻柊稗匹疋髭彦膝菱肘弼씴畢筆逼
4930	桧姫媛紐百謬俵彪櫄氷漂瓢票表評豹
4940	廟描病秒苗錨鋲蒜蛭鰭品彬斌浜瀕貧
4950	寶頻敏瓶不付埠夫婦富富布府怖扶敷
4960	斧普浮父符腐膚芙譜負賦赴阜附侮撫
4970	武舞葡蕪部封楓風蕢蕗伏副復幅服

0123456789ABCDEF

4420	福腹複覆淵弗払沸仏物鮒分吻嘖 墳
4430	憤扮焚奮粉糞紛霗文聞丙併兵塀幣平
4440	弊柄並蔽閉陛米頁僻壁癖碧別瞥蔑箆
4450	偏变片篇編辺返遍便勉娩弁鞭保舗鋪
4460	圃捕歩甫補輔穂募墓慕戊暮毌簿菩倣
4470	俸包呆報奉宝峰峯崩庖抱捧放方朋

0123456789ABCDEF

4420	法泡烹砲縫胞芳萌蓬蜂褒訪豐邦鋒
4430	飽鳳鵬乏亡傍剖坊妨帽忘忙房暴望某
4440	棒冒紡肪膨謀貌貿鉾防吠頬北僕卜墨
4450	撲朴牧睦穆釦勃没殆掘幌奔本翻凡盆
4460	摩磨魔麻埋妹昧枚鋙哩槙幕膜枕鮪柾
4470	鱒桝亦俣又抹末沫迄侭繭麿万幔満

0123456789ABCDEF

4420	漫蔓味未魅巳箕岬密蜜湊蓑稔脈妙
4430	粍民眠務蔘無牟矛霧鵡椋婿娘冥名命
4440	明盟迷銘鳴姪牝滅免棉綿緬面麵摸模
4450	茂妄孟毛猛盲網耗蒙儲木黙目杢勿餅
4460	尤戻籾黃問悶紋門匁也冶夜爺耶野弥
4470	矢厄役約薬訳躍靖柳薮鑓榆愈油癒

0123456789ABCDEF

4420	諭輸唯佑優勇友宥幽悠憂 損有柚湧
4430	涌猶猷由祐裕誘遊邑郵雄融夕予余与
4440	誉輿預傭幼妖容簫掦摇擁曜槝様洋溶
4450	熔用窯羊耀葉蓉要謡踊遥陽養慾抑欲
4460	沃浴翌翼淀羅螺裸来莱頼雷洛絡落酪
4470	乱卵嵐欄濫藍蘭覧利吏履李梨理璃

0123456789ABCDFF

4420	痢裏裡里離陸律率立葎掠略劉流溜
4430	琉留硫粒隆竜龍侶盧旅虜了亮僚両凌
4440	瀪料粱涼猟療瞭稜糧良諒遼量陵領力
4450	緑倫厘林淋燐琳臨輪隣趪麟瑠辠涙累
4460	類令伶例冷励嶺怜玲礼苓鈴隷零霊麗
4470	齡暦歴列劣烈裂廉恋憐漣煉簾練聯

0123456789ABCDEF 4420 蓮連錬呂魯櫓炉賂路露労婁廊弄朗 4430 楼榔浪漏牢狼篭老聾蝋郎六麓禄肋録 4440 論倭和話歪賄脇惑枠驁亙豆鰐詫藁蕨 4450 椀湾碗腕 4460

	0123456789ABCDEF
5020	弌丐丕个丱ヽ丼丿乂乖乘亂亅豫亊
5030	舒弍于亞亟工亢京亳亶从仍仄仆仂仗
5040	仭仭仟价伉佚估佛佝佗佇佶侈侏侘佻
5050	佩佰侑佯來侖儘俔俟俎俘俛俑俚俐俤
5060	俥倚倨倔倪倥倅伜俶倡倩倬俾俯們倆
5070	儮假會偕偐偈做偖偬偷傀傚傅傴 慠

4470

4

5120	僉 僊傳僂僖僞僥僣僣僮價 僵儉 儁儂
5130	儖儕儔儚儡儺儷儼戃儿兀兒兑兔兢竸
<u>5140</u>	兩兪兮冀门囘册冉冏冑冓冕一冤冦家
5150	寫冪>决冱冲冰况冽固凉凛几處凩凭
5160	凰凵凾刄刋刔刎刧刪刮刳刹剏剄剋剌
5170	剞剔剪剴剩剳剿剽劍劔劔剱籎劑辨

0123456789ABCDFF

5220	辧劬劭劼劵勁勍勗勞勣勦飭勠勳勴
5230	勸勹匆匈甸匍匐匏匕匚匣匯匱匳匸區
5240	孕卅世卉卍凖卞D卮 夘卻卷厂厖 厠厦
5250	厥厮厰厶參篡雙叟曼燮叮叨叭叭吁吽
5260	呀听吭吼吮呐吩吝呎咏呵咎呟呱呷些
5270	咒呻咀呶咄咐咆哇咢咸咥咬哄哈容

0123456789ABCDEF

5320	咫哂咤咾咼哘哥哦唏唔哽哮哭哺哢
5330	唹啀啣啌售啜啅赕啗唸唳俰像喀佫喴
5340	隅啻偢喘唧單啼喃喻喇喨嗚嗅嗟嗄嗜
5350	嗤嗔區皻嘳嗾嗽嘛嗹曀器營嘴嘶嘲嘸
5360	噫噤暣噬噪嚆嚀嚊嚠嚔嚔嚥嚮巊趢囂
5370	嚼囁囃囀囈嫦嘱囓□囮줨饧問畧■

0123456789ABCDFF

5420	圈國圍圍圖圖圖雷圖圦圷圳坎圻址坏
5430	坩埀垈坡坿垉垓垠垳垤垪垰埃埆埔埓
5440	埓琧埖埣堋堙煱塲堡塢塋塰毀塴堽塹
5450	墅壛墟壿墺塐墻墸墮壅壓壑壗壙皨壥
5460	壜壤壟壯壺壹壻壺壽夂夂夐夛梦夥夬
5470	夭夲夸夾竒奕奐奎奚奘奢莫奧獎奩

0123456789ABCDEF

5520	奷妁妆佞侫妣妲姗姨姜妍姙姚娥娟
5530	娑娜娉娚婀婬婉娵婜婢婪媚 媪媾嫋嫂
5540	媽嫣嫗嫦嫩嫖孄嫻嬌嬋嬖黕嫐嬪嬶嬾
5550	孃孍孋孑孕 孚孛孥孩孰孶軂擧斈孺宀
5560	它宦宸寃寇寉疐寐寤實寢寞寥寫實寶
5570	寳尅將專對尓尠尢尨尸尹屁屆屎屓

0123456789ABCDEF

5620	展屏孱屬屮乢屶訖发岑岔妛岫岻岶
5630	岼岷餠岾峇峙峩峽挭帩嶌鋊崋睚 崗嵜
5640	崟崛崑崔崢崚崙崘嵌嵒鰅嵋嵬嵳嵶嶇
5650	嶄嶂 嶹艠嶬驗瘶嶐寲嶼艬巍巓巒巖巛
5660	巫已巵帋帚帙帑帛帶帷幄韓幀幎幗幔
5670	幟幢幣幇幵并幺麽广庠廁廂廈廐黀

0123456789ABCDEF

<u>5720</u>	廖廣廝廚廛廢廡廨廩廬廱麢廰廴廸
5730	廾弃弉彝彝弋弑弖弩弭弸彁彈 彌 矕弯
5740	互彖彗彙彡彭彳彷徃徂彿徊很徑侚從
5750	徙徘徠徨徭徼村忻忤忸忱忝悳忿怡恠
5760	枯枸怩怎怱怛怕怫枰快俅恚恁格恷榈
5770	協恆恍恣恃恤恂恬桐恙楈悍惧悃悚

0123456789ABCDEF

5820	梢梭悖梚悒梸悋惡悸寭棬椊忰棲櫦
5830	帳棢愠愕愆楻惷愀椯惺愃愡惻惱愍懷
5840	慇犔憩愧槏愿愼愬懀愽 慂慄慳慷慘慙
5850	慚慫慴慯慥慱慟慝幖慵憙憖憇檂憔幝
5860	憊慿憫憮懌峓應櫰懈懃懆幨懋罹懍懦
5870	滪懶懺懴懿懽欋懾戀戈戉 戍戌戔 戞

0123456789ABCDEF

5920	
5930	抂抉找抒抓抖拔抃抔拗拑抻쭇拿拆擔
5940	拈拜拌拊拂册抛拉挌拮拱擱挂挈拯拵
5950	捐挾捍搜捏掖掎掀掫捶掣掏掉掟掵捫
5960	捩掾揩揀揆揣揉插揶揄摇搴搆搓搦搶
5970	攝搗搨搏摧摰摶摎攪撕撓挠撩撈撼

0123456789ABCDEF

5520	據擒擅擇撻擘擂擱擧舉擠擡抬攇擯
5530	攬擶擴擲擺攀擽滾攜攅攤攣攫攴攵攷
5540	收攸畋效敖敕敍敘敞敝敽數斂斃變斛
5550	斟斫斷旃旆旁旄旌旒旛旙无无旱杲昊
5560	昃旻杳昵昶昴昜晏晄晉晁晞齹晤晧 罵
5570	晟哲晰暃暈暎暉暄暘暝蠈灅曉暾暼

0123456789ABCDEF

$O \cup a \cup c$	哖呩硋唻튻厸畷蔉凵曳曷胐朖臱朦
5530	龖霸朮束朶杁朸朷杆杞杠杙杣杤枉杰
5540	枩杼杪枌枋枦枡枅枷柯枴柬枳柩枸柤
5550	柞柝柢柮枹柎柆柧檜栞框栩桀桍栲桎
5560	梳栫桙档桷桿梟梏梭梔儏梛梃檮梹桴
5570	梵梠梺椏梍桾椁棊椈棘椢椦棡椌棍

0123456789ABCDEF

5520	棔棧棕椶椒椄棗棣椥棹棠棯椨椪椚
5530	椣椡棆楹楷楜楸楫楔楾楮椹楴椽楙椰
5540	榆楞楝榁楪榅榮槐榿槁槓榾槎寨槊槝
5550	楬槃榧樮榑榠榜愹榴槞槨樂樛檴權槹
5560	槲椠樅榱樞槭樔槫樊樒櫁樣欃橄樌橲
5570	樶橸橇橢 橙橦橈樸樢檐檍檠檄檢檣

5520	檗糵檻櫃欋檸檳檬樧櫑櫟檪櫚櫪櫻
5530	榉糵櫄欒欖鬱欟欸欷盜欹飮歇歃歉歐
5540	歙歔歛歟歡歸歹歿殀殄殃殍殘殕殞殤
5550	殪殫殯殲殱殳殷殼毆毌毓毟毬毫毳毯
5560	麾氈氓气氛氤氣汞汕汢汪沂沍沚沁沛
5570	汾汩汳沒沐泄泱泓沽泗泅泝沮沱沾

0123456789ABCDFF

5520	沺泛泯泙泪洟衍洶洫浛洸洙洵洳洒
5530	洌浣涓汯浚浹浙涎涕濤涅淹渕渊涵淇
5540	淦涸淆淬淞淌凈淒淅浅淙淤淕淪淮渭
5550	湮菏渙湲湟渾渣湫渫湶湍渟湃渺湎渤
5560	滿渝游溂溪溘滉溷滓溽溯滄溲滔滕溏
5570	漙滂溟顈 溉灌滬滸滾漿渗漱滯 꺮滌

0123456789ABCDEF

5520	灇渪滷훴潺潸澁澀潯潛濳潭澂潌潘
5530	澎澑濂遼澳澣澡澤澹濆澪滵濕濬濔濘
5540	濱濮濛瀉瀋濺瀑瀁瀏沪灜瀚潴瀝瀘瀻
5550	瀰瀾瀲灑灪炙炒炯烱炬炸炳炮焑烋烝
5560	烙焉烽焜焙煥煕熈煦煢煌煖焬熏燻熄
5570	熕熨熬爓熹熾獟燉譒膫燠燬嬘燵熆

0123456789ABCDEF

6020	燓爟隟藡灁爨爭爬爱爲爻爼爿炑繬
6030	뚽牘牴牾犂犁犇犒犖犢犠犹犲狃狆狄
6040	狎狒狢狼狡狹狷倏猗猊猜猖猝猴猯猩
6050	猥猾 獎獏 默獗獪獨獰獸獵獻獺珈玳珎
6060	玻珀珥珮珞璢琅瑯琥珸琲琺瑕琿瑟瑙
6070	瑁瑜瑩瑰瑣瑪瑶瑾璋璞璧瓊瓏瓔珱

0123456789ABCDEF

6120	瓠瓣瓧瓧瓮瓲瓰瓱兡瓷甄甃甅甌甎
6130	甍甕甓甞甦甬甼畄骱畊畉眕畆畚畩嵵
6140	畧畫鵌陭當疆睶畴蠱疉疂疔疢疝疥疣
6150	痂疳痃疵疽疸疼疱痍痊痒痙痣痞痾蹇
6160	痼 瘁痰痺痲痲瘋瘍瘉瘟瘧瘠瘡瘢瘤痘
6170	瘰瘻癎 獟癆顣癘癱癢癨癲癪讈癬竉

0123456789ABCDEF

6220	<u> 癩</u> 癶癸發皀皃皈皋皎皖皓晳皚虝皴
6230	皸皹皺盂盍盖盒盞盡盥 盧璗蘯 肹眈眇
6240	眄眩眤眞眥眦眛眷眸睇睚睨睫睛脾睿
6250	睾暏瞎睓瞑瞠瞞瞰瞶瞹瞿瞼瞽瞻朦矍
6260	邉矚矜矣矮矼砌砒礦砠礪硅碎硴碆硱
6270	碚碌碣碵碪碯磑磆磋磔碾碼磅磊磬

0123456789ABCDEF

<u>6320</u>	碽磗磽磴礇礒礑礰礬磜祀祠祗祟祚
6330	悡 秡祺祿稧禝蘠齌 襌 禮穦禹禹秉秕秧
6340	柜秡秣稈稍稘稙稠稟蔂稱稻藁穆穃穗
6350	穉穡穢穝穐穰穹穽窈窗窕窘窖窩靄 靁
6360	<u>雾竅竄窿邃竇竊</u> 竍竏妢竓站竚竝竡娭
6370	竦竭竰笂笏笊笆笳笘笙答笵笨笶箽

0123456789ABCDEF

6420	籄筓筍笋筌筅筵筥筴筧筰筱筬欫箝
6430	箘箟箍空箚箋箒箏筝箙篋篁篌篏藗篆
6440	簥篩簔簔篦篥籠簀筬簓篳篷簗簊篶軉
6450	簧簪簞簷簫簽籌籃籔簱籀籐籐籟籖籖
6460	籥籬籵粃粐甹粭粢粫粡粨粳 粲粱粮粹
6470	粽糀鞣糂糘糒糜糢翯糥糲糴糶糺紆

0123456789ABCDEE

6520	紂紜紕 紊絅絋紮紲紿紵絆絳絖絎絲
6530	絨 綤絏絣 經綉絛 綏絽綛綺綮綣綵緇綽
6540	嶘總綢綯緜稐綟綰縅緝緤赮緻緲緡縅
6550	艗縣縡縒縱耨縉縋縢繆繈縻曟縹繃 縷
6560	縲縺繧繝 糤繞襎繚縪襘繩榓 蘊 樒緕纃
6570	辮繿纈耫蔾纒纐纓纔纎纎纛麚缸缺

0123456789ABCDEF

0020	× ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●
6630	羂羆羃羂羇羌羔羞羝羚羣掲嶻嶳羹羶
6640	臝譱翅翆娰翕뀄翡莂翶翳翹飜耊髼髼
6650	耒耘耙耜耡耨耿耻聊聆聒聘聚餐腚聨
6660	聳聲聰聶聹聽聿肄肆粛肛肓肚肭冐肬
6670	胛胥胙胝寈胚牉脉胯胱脛脩臂脯腋

0123456789ABCDEF

6720	隋睓脾腓腑腁鰎諰腥腦胰腽膈膊膀
6730	膂飂膕膤膣腟膓膩膰膵膾膸膽臀 璯譍
6740	臉臍臑臙臘臈魖隵臠堿櫜臻臾舁舂舅
6750	與舊舍舐舖舩舫舸舳艀艙艘艝艚艟艤
<u>676</u> 0	艢艨艪艫舮艱艷艸艾芍芒芫芟芻芬苡
6770	苣苟苒苴苳莔莓范苻苹苞茆苜茉苙

0123456789ABCDEF 6820 茵茴茗茲茱萄茹荐荅茯茫茗荔莅莚 6860 装苍萊茲莫茲斯共交苏劳劳莱斯英

6840	萓菫菎菽萃菘葽蔳幕萇菠菲萍萢萠莽
6850	茰蓤菻葭萪 萼蕚蒄 蕫葫菊蔎蒂葩葔蒀
6860	葯葹萵蓊葢蒹蒿蒟蓙蓍菎蓧蓴菤蒝蓾
6870	蒡蔡蓿蓴蔗蔘蔬蔗蔕蔔騘蔙鼛蠚蠚
6920	幕蘂蕋蕕蕰薤薈藑薊薨羛薔薛蔎薇
------	-------------------------
6930	薜蘋齹薐藉薺藏薹藐藕藝藥藜藹藴蘒
6940	蘋蕀藺蘆蘢蘚蘰蘿虍乕虔號虧虱蚓蚣
6950	蚩蚪蚋蚌蚶蚯蛄蛆蚰蛉鳙蚫蛔蛞聓蛬
6960	蛟蛛蛯蜒蜆蟝蜀螷娧蜑蜉蜍蛹蜊蜴蜿
6970	蜷 蜻蜥蜩蜚蝠蝟蝸蝌蝎蝴蝗蝨蝮蠝

0123456789ABCDEF

6620	혧蝣蝪蠅螢嫇螂螯蟋衋蟀蟐雖蝥蟄
6630	螳蟇蟆軁皢蟲蟠蠏鷻蟾蟶蟷蠎蟒嬫嬳
6640	蠕蠢蠡蟲翼蠹蠹蠻衄鮂衒衘衞衢衫袁
6650	衾袞衵衽袵衲袂袗袒袮袙袢袍袤袰袿
6660	袱裃裄裔裘裙裝裹褂裼裴裨裲褄褌褊
<u>66</u> 70	褓 裦褞襧褪禠襁窡褻槢褸褝褝襠鍐

	0123456789ABCDEF
6620	襦襤襭襽襴襴榉襾覃覈覊覓覘覡覩
6630	覦 覬覯覲覮覽覿觀鮂觜觝觧觴觸訃訖
6640	許訂訛訝訥訶訪詛詒詆罿詼詭詬詢誅
6650	誂誄譕誡誑誥誦誚誣諄諍諂諚諌諳諧
6660	諤諀謔諠譂颽讗 誎謌謇諩諡讈謐謗謠

6670 謳鞠譽諦護謨萍鴻議譎證譜譜譚證

0123456789ABCDFF

6620	譟鐾譯譴觷謮讌讎讒讓讖讙讚谺豁
6630	谿豈豌豎豐豕豢豬豸豺貂貉貅貊貌貌
6640	貔豼貘戝貭畣貽貲貳貮貶藚賁賤竇賚
6650	窉膁賻睝贅贊 藢灜贍贐齎賊賍贔贖赧
6660	赭赱赳趁趙跂趾趺跏跚跖跌跛跋跪跫
6670	跟跣跼踈踉跿踝踞踐 踘蹂踵踰踴謑

0123456789ABCDEF

6620	蹇蹉蹌蹐蹈蹙蹤蹠踪蹣蹕蹶蹲蹼躁
6630	蹃躅 躄躋躊 躀躑躔躢躪 踾躬躰軆躱躾
6640	軅軈軋軛軣軼軻軫軾輊輅輕輒輙輓輺
6650	輟輛輌輦輳輻輹轅糓輾轌轉轆轎轗轜
6660	鞣轣轤辜 辟辣辭辯辷迚迥迢迪逊 邇 迴
6670	逅迹迺逑逕逡逍逞逖逋逧逶逵逹迸

0123456789ABCDEF

6620	遏遐遑遒逎遉逾遖遘遞遨遯遶隨遲
6630	避遽邁邀邊邊邏邨邯邱邵郢郤蔰郛鄂
6640	鄒鄙鄲鄰酊酖酘酣酥酩酳酲醋醉醂醢
6650	嶜醯醪醵醴醺釀釁釉釋釐釖釟釡釛釼
6660	釵釶鈞釿鈔鈬鈕鈑鉞鉗鉅鉉鉤鉈銕銏
6670	鉋鉐銜銖銓銛鉚鋏銹銷鋩錏鋺鍄錮

0123456789ABCDEF

6620	鍿鍈錚錣錺錵錻鍜餭戫鍧鍖鉪鎬鍞
6630	鎔鍅霯鏗鏨鏥鏘鏃鏝鏐鏈鷧鐚鐔鏉鐃
6640	譒鐐饢譊鐡鐡譡鼝鋻鑇鑛鑅鎼鑞鱋鈩
6650	鑰鑵鑩鑕鐼鑼鐢鑝鑿閂閇閊閔閖閘閙
6660	閠闛閧閭閕閻闍閾闊濶闃闍闌闕闔闖
6670	關闡闡闢時施防阻止。

0123456789ABCDEF

7020	陜 陟陦陲 陬隍 隘隕隗險嚺隱隲隰隴
7030	隶隸隹雎雋雉雍襍雜霍雕霫霄霆霛霓
7040	霋霑霏霖霙霤霔霰霹霽霾靄譢靋靂靉
7050	靜靠靤靦靨勒靫靱靹鞅靼鞁靺鞆鞋鞏
7060	鞐鞜鞨鞦鞣鞳鞴韃韆韈韋韜韭齍韲竟
7070	韶韵頏頲頸頣頡頷頺顆顡顬顫顬鎥

0123456789ABCDEF 7120 頗額顧風風融醜醜麗親純話節前級

7130	餔餘餡餝餞餤餠餬醔餽餾饂饉饅饐饙
7140	饑饒饌饕馗馘馥馭馮馼駟駛駝駘駑駭
7150	駮駱駲駻駸騁騏騅騈騙騫騷驅驂驀驃
7160	騾驕驍驒驗驟齇驥驤驙龘飍矖飦骰觡髀
7170	붅髑髄 愷髞髟髢髣髦髯醔篓髴髱髷

0123456789ABCDEF

髺鬆鬕鬤鬤髺鯬鬥鬧閧閴鬪鬮鬯鬲
魄魃魏魍魎魑魘魴鮓鮃鼩鮖鮗鮻鮠鮨
鮴鯀鯊鮹鯆鯏鯑鯒鯣鮵鼰鯔鯡鰺鯲鱋
鯰鰕鰔鰉鰓緧睶鰈腹鰊鰄鰮鰛賝鰤鐴
鰰躿鸄鱆鯟饎譮鱧鱃鱋鳧鳬鳰鴉鴈鳫
鵦鴆鴧鴦鶑鴣鴖鵄鴕鴒鵁鵨 鵗鵆鵈

0123456789ABCDEE

7320	鵝鸑鵤鶰鵐鵙鵲鶲鶫鶫鵯鵺鷑鷤 鸄
7330	鶨鷄鷀鶻鵽鵏鷠鴺鷂騺鴖鷸鷜鸐閌鷪
7340	鸚鸛驇鹵鏚鹽麁癦櫜麌鶀麕麑틝麥麸
7350	麸麪麭靡黌黎黏黐黔黜點黝黠黥黨黯
7360	徾 黶黷 黹黻黼黽 鼇鼈皷鼜鼡鼬鼾齊齒
7370	齔 齣齟齠齡齦齧鯃鯸鑸龋 鮳 龕龜龠

0123456789ABCDEF

5-2-2 SHIFT-JIS Codes

8240

0123456789ABCDEF

0123456789ABCDEF

8140	、。,,,*;;?/ [*] * / [*] *	
8150	̄_ヽヾゞゞ〃仝々〆Oーー - /丶	<
8160	~ '' "" () () [] .	Ć
8170	<pre>> <> <> [] [] [] +-±×</pre>	
8180	÷=≠<>≤≥∞∴♂♀°′″℃¥	4
8190	\$ ∅ £ % # & * @ § ☆ ★ ○ ● 0 ◊ ◀	•
81A0	□■△▲▽▼※〒→←↑↓〓	
81B0	€∋⊆⊇⊂⊃∪∩	١
<u>81CO</u>	∧∨¬⇒⇔∀∃	
81D0	∠⊥⌒∂⊽≡	€
<u>81E0</u>	≒≪≫√∽∞∵∫∬	
81F0	&‰#b♪† ‡¶ O	

8 8 8	5 5 5	B C D	0 0 0
8 8	55		0
			~
8	6	4	Ο
8	6	5	0
8	6	6	0
100		1.11	1

8680

8690

86A0

86B0

86C0

86D0

86E0

86F0

8740 8750 8760

8790 87A0 87B0 87C0 87C0 87E0 87F0

0

3250 123456789 3260 ABCDEFGHIJKLMNOP 3270 QRSTUVWXYZ 3280 abcdefghiJklmno 3290 pgrstuvwxyz a 3240 buunojozzatath/fete<</td> a 3280 fghiJklmno a 3290 pgrstuvwxyz a 3240 buunojozzatath/fete<</td> a 3280 fgunojozatath/fete a 3290 pgrstuvwxyz a a 3280 fgunojozatath/fete a a 3280 fgunojozatath/fete a a 3290 fgunojozatath/fete a a 3280 fgunojozatath/fete a a 3280 fgunojozatath/fete a a 3280 fgunojozatath/fete a a a 3280 fgunojozatath/fete a a a a 3280 fgunojozatath/fete a a a a a a a a a a a a a a a a

0123456789ABCDEF

0123456789ABCDEF

8340	ァアィイゥウェエォオカガキギクグ
8350	ケゲコゴサザシジスズセゼソソタダ
8360	チヂッツヅテデトドナニヌネノハバ
8370	パヒビピフブプヘベペホポポマミ
8380	ムメモャヤュユョヨラリルレロゥワ
8390	ヰヱヲンヴヵヶ A
83A0	βΓΔΕΖΗΘΙΚΛΜΝΞΟΠΡ
83B0	ΣΤΥΦΧΨΩ α
8300	βγδεζηθικλμνξοπρ
83D0	στυφχψω
83E0	
83F0	

0123456789ABCDEF

8440	АБВГДЕЁЖЗИЙКЛМНО
8450	ПРСТУФХЦЧШЩЪЫЬЭЮ
8460	Я
8470	абвгдеёжзийклмн
8480	опрстуфхцчшщъыьэ
8490	юя —
84A0	│ ┍┑┘┕╞┯┥┷┿ ╾║┍┓┙┕
84BO	┝┲┥┷╋┠┯┨┷┿┝┰┥┸╂
84C0	
84D0	
84E0	
8450	

0123456789ABCDEF

8840	
8850	
8860	
8870	
8880	
8890	亜
88A0	唖娃阿哀愛挨姶逢葵茜穐悪握渥旭葦
88BO	芦鰺梓圧斡扱宛姐虻飴絢綾鮎或粟袷
8800	安庵按暗案闇鞍杏以伊位依偉囲夷委
88D0	威尉惟意慰易椅為畏異移維緯胃萎衣
88E0	謂違遺医井亥域育郁磯一壱溢逸稲茨
88F0	芋鰯允印咽員因姻引飲淫胤蔭

0123456789ABCDEF

0123456789ABCDEF

	0123456789ABCDEF
8940	院陰隠韻吋右宇鳥羽迂雨卯 鵜窺 丑碓
8950	臼渦噓唄欎蔚鰻姥厩浦瓜閨噂云運雲
8960	荏餌叡営嬰影映曳栄永泳洩瑛盈穎頴
8970	英衛詠鋭液疫益駅帨謁越閱榎厭円
8980	圜堰奄宴延怨掩援沿演炎焰煙燕猿縁
8990	艶苑薗遠鉛鴛塩於汚甥凹央奥往応押
89A0	旺横欧殴王翁襖鴬鴎黄岡沖荻億屋憶
89BO	臆桶牡乙俺卸恩温穏音下化仮何伽価
89CO	佳加可嘉夏嫁家寡科暇果架歌河火珂
89D0	禍禾稼箇花苛茄荷華菓蝦課嘩貨迦過
89E0	霞蚊俄蛾我牙画臥芽 蛾賀雅餓駕 介会
89F0	解回塊壞廻快怪悔恢懐戒拐改

	0123456789ABCDEF
8D40	后喉坑垢好孔孝宏工巧巷幸広庚康弘
8D50	恒慌抗拘控攻昂晃更杭校梗構江洪浩
8D60	港溝甲皇硬稿糠紅紘絞綱耕考肯肱腔
8D70	膏航荒行衡講貢購郊酵鉱砿鋼闍降
8D80	項香高鴻剛劫号合壕拷濠豪轟麴克刻
8D90	告国榖酷鵠黒獄漉腰甑忽惚骨狛込此
8DAO	頃今困坤墾婚恨懇昏昆根梱混痕紺艮
8DBO	魂些佐叉唆嵯左差査沙瑳砂詐鎖娑坐
8DCO	座挫債催再最哉塞妻宰彩才採栽歳済
8DD0	災采犀砕砦祭斎細菜裁載際剤在材罪
8DE0	財冴坂阪堺榊肴咲崎埼碕鷺作削咋搾
8DF0	胙朔柵窄策索錯桜鮭笹匙冊 刷

	<u>0123456789ABCDEF</u>
8A40	魁晤械海灰界皆絵芥蟹開階貝凱劾外
8A50	咳害崖慨概涯碍蓋街該鎧骸浬馨 蛙垣
8A60	杮蛎 鈎劃驊 沯 廓拡撹格核殻獲確穫覚
8A70	角薾較郭闂隔革学岳条額顎掛笠樫
8A80	橿梶鰍潟割幆恰括活渇滑葛褐轄且鰹
8A90	旪椛樺鞄株兜竃蒲釜鎌噛鴨栢茅萱粥
8AA0	刈苅瓦乾侃冠寒刊勘勧巻喚堪姦完官
8AB0	寛干幹患感樌憾換敢柑桓棺款歓汗漢
8ACO	澗潅環甘監看竿管簡緩缶翰肝艦莞観
8AD0	諌貫還鑑閰閑闋陷韓館舘丸含岸巌玩
<u>8AE0</u>	癌眼岩翫贋雁 頏顏願企伎危喜器基奇
8AF O	嬦寄 眅希幾忌揮机旗既期棋櫜

	01234	5678	39ABC	DEF
--	-------	------	-------	-----

8B40	機帰毅気汽畿祈季稀紀徽規記責起軌
<u>8850</u>	輝飢騎鬼亀偽儀妓宜戱技擬欺犠疑祇
8B60	義鱶誼議掬菊鞠吉吃喫桔橘詰砧杵黍
8B70	却客脚虐逆丘久仇休及吸宫弓急救
8B80	朽求汲泣灸球究窮笈級糾給旧牛去居
8B90	巨拒拠挙渠虚許距鋸漁禦魚亨享京供
8BAO	侠僑兇競共凶協匡卿叫喬境峡強彊怯
8BBO	恐恭挟教橋況狂狭燆胸脅興蕎郷鏡響
8BCO	饗驚仰凝尭暁業局曲極玉桐粁僅勤均
8BD0	巾錦斤欣欽琴禁禽筋緊芹菌衿襟謹近
8BEO	金吟銀九俱句区狗玖矩苦躯駆駈駒具
8BF0	惖虞喰空偶寪遇隅串櫛釧屑屈

	<u>0123456/89ABCDEF</u>
8C40	掘窟沓靴轡窪熊隈粂栗鱢桑鍬勲君薫
8050	訓群軍郡卦袈祁係傾刑兄啓圭珪型契
8C60	形径恵慶慧憩揭携敬景桂渓畦稽系経
8C70	継 絷罫茎荊蛍計詣警 輊頚鶏 芸迎鯨
8080	劇戟撃激隙桁傑欠決潔穴結血訣冃件
8C90	倹倦健兼券剣喧圕堅嫌建憲懸拳搭検
8CAO	権牽犬献研硯絹県菺見謙賢軒遣鍵険
8CBO	顉験鹸 元原 厳 幻弦減源玄現絃舷言諺
8CCO	限乎個古呼固姑弧己庫弧戸故枯湖狐
8CD0	糊袴股胡菰虎誇跨鈷雇顧鼓五互伍午
8CE0	吳吾娯後御悟梧檎瑚碁語誤護醐乞鯉
8CF0	交佼侯侯倖光公功効勾厚囗向

	<u>0123430/69ABUDEF</u>
8E40	察拶撮擦札殺薩雑皐鰖捌錆鮫皿晒三
8E50	傘参山惨撒散桟燦珊産算纂蚕讚賛酸
8E60	餐斬暫残仕仔伺使刺司史嗣四士始姉
8E70	姿子屍市師志思指支孜斯施旨枝止
8E80	死氏獅祉私糸紙紫肢脂至視詞詩試講
8E90	諮資賜雌飼歯事 似侍児字寺慈持時次
8EAO	滋治爾璽痔磁示而耳自蒔辞汐鹿式譯
8EBO	鳴竺軸宍雫七叱執失嫉室悉湿漆疾貿
8ECO	実蔀篠偲柴芝屡蕊縞舎写射捨赦斜騫
8EDO	社紗者謝車遮蛇邪借 勺尺杓灼爵酌釈
8EEO	錫若寂弱惹主取守手朱殊狩珠種腫趣
8EF0	酒首儒受呪寿授樹綬需囚収周

	0123456789ABCDEF
8F40	宗就州修愁拾洲秀秋終繍習臭舟蒐衆
8F50	襲響蹴輯週酋酬集醜什住充十従戎桑
8F60	汁渋獣縱重銃叔夙宿淑祝縮粛塾熟出
8F70	斻述侒鵔春瞬竣舜駿凗循旬楯殉淳
8F80	準潤盾純巡遵醇順処初所暑曙渚庶緒
8F90	署書薯藷諸助叙女序徐搲鋤除傷償勝
8FA0	匠升召哨商唱嘗奨妾娼宵将小少尚庄
8FBO	床廠彰承抄招掌捷昇昌昭晶松梢樟樵
8FC0	沼消渉湘焼焦照症省硝礁祥称章笑粧
8FD0	絽肖菖蒋蕉衝裳訟証詔詳象賞醤鉦鍾
8FEO	鐘障鞘上丈丞乗冗剰城場壞孃常情擾
8FF0	条杖浄状畳穣蒸譲醸錠嘱埴飾

	0123456789ABCDEF
9040	拭植殖 燭織職 色触食蝕辱尻伸信優唇
9050	娠寝審心慎振新晋森榛浸深申疹真神
9060	秦紳臣芯薪親診身辛進針震人仁刃塵
9070	壬尋甚尽腎訊迅陣靱笥諏須酢図廚
9080	逗吹垂帥推水炊睡粋翠衰遂酔錐錘随
9090	瑞髄崇嵩数枢趨雛据杉椙菅頗雀裾澄
90A0	摺寸世瀬畝是凄制勢姓征性成政整星
90B0	晴棲栖正清牲生盛精聖声製西誠誓請
9000	逝醒甯静斉税脆隻席惜戚斥昔析石積
90D0	籍績脊責赤跡蹟碩切拙接摂折設窃節
90E0	説雪絶舌蝉仙先千占宣専尖川戦扇撰
90F0	栓栴 泉浅洗染潜煎 熂旋 穿箭線

	012	345	567	<u>89</u> AB	CDEF
9140	繊费腺	舛船 蕭	「話」	芪選 遷鉄	銑閃鮮前
9150	善漸然	全禅編	Ĕ膳糎 0	曽塑岨措	曾曽楚狙
9160	疏疎礎	祖租制	且素組み	莯 訴阻遡	鼠僧創双
9170	叢倉喪	壮奏列	图宋屬	 	掃挿掻
9180	操早曹	巣槍櫊	嘗漕嬠 ŧ	争痩相窓	糟総綜聡
9190	草荘葬	蒼藻	支走送)	夁鎗霜驋	像増憎臓
91A0	蔵贈造	促側貝	山即息	足束測足	速俗属賊
91B0	族続卒	袖其推	前存孫	尊損村遜	他多太汰
<u>91CO</u>	詑唾墮	妥惰打	」柁舵材	楕陀駄騨	体堆対耐
91D0	岱帯待	怠熊	【な替な	帯胎腿苔	袋貸退逮
91E0	隊黛鯛	代台フ	「第醌	蝁鷹滝瀧	卓啄宅托
91F0	択拓沢	濯琢言	〔鐸濁言	苦茸凧蛸	只

012	<u>345</u>	67	89	ABO	DEF
叩但達	辰奪脱	巽竪	辿棚	谷狸魚	雪樽誰円
単嘆坦	担探日	」 歎淡	湛炭;	短端罩	印綻耽胆
蛋誕鍛	団壇弾	断暖	檀段	男談會	直知地弛
恥智池	痴稚匶	1 致 切	遅馳	築畜作	1 筑 蓄
逐秩窒	茶嫡着	中仲	宙忠	抽昼を	主法虫衷
註酎鋳	駐樗涿	猪苧	著貯	丁兆》	周喋寵帖
帳庁弔	張彫賀	懲挑	暢朝	潮牒田	「眺聴脹
腸蝶調	諜超剧	銚長	頂鳥	勅捗	复联沈珍
賃鎮陳	津墜椎	槌追	鎚痛	通家相	日相根田
漬柘辻	蔦綴銟	椿漬	坪壷	嬬紬Л	【吊釣鶴
亭低停	偵剃貞	呈堤	定帝	底底	E弟悌扺
挺提梯	汀碇禎	程締	艇訂	諦蹄	£
	♀叩単蛋聎逐註帳腸賃濥亭挺1但嘆誕智秩酎庁蝶鎮柘低提2達坦鍛池窒鋳弔調陳辻停梯	□122 □122 □24 □22<	□1234567 □1234567 □12364567 □12毫反理型型、 □212違反理型型、 22一個一個人一個人一個人一個人一個人一個人一個人一個人一個人一個人一個人一個人一個	◎123456789 □但達長等脱巽竪辿炭 電力////////////////////////////////////	O123456789AB 印但達辰奪脱巽竪辿棚谷狸鮠 僅也担探旦歎淡湛炭短端 電動智燈理断暖檀段男談何 動智之漸端着中仲宙忠助如星馳築畜 大動時電張彫聞就長頂鳥勅挑醒 實範建整椎槌追鎚痛通家析 實紙停創貞呈提定帝底庭 挺提榜汀碇禎程締艇訂諦蹄

0	1	2	З	4	5	6	7	8	Q	Δ	R	C	$\widehat{\Box}$	FF
\sim		_	\sim	- ÷	\sim	\sim	/	$\overline{}$	\sim		$\underline{}$	\sim		

9340	邸鄭釘鼎泥摘擢敵滴的笛適鎬溺哲徹
9350	撤轍迭鉄典填天展店添纏甜貼転顛点
9360	伝殿澱田電兎吐堵塗妬屠徒斗杜渡登
9370	菟賭途都鍍砥砺努度土奴怒倒党冬
9380	凍刀唐塔塘套宕島鵬悼投搭東桃梼棟
9390	盗淘湯涛灯燈当痘祷等答筒糖統到董
93A0	蕩藤討櫿豆踏逃透鐙陶頭騰闘働動同
93B0	堂導憧撞洞瞳童胴萄道銅峠鴇籄得徳
93CO	涜特督禿篤毒独読栃橡凸突椴届鳶苫
93D0	寅酉瀞噸屯惇敦沌豚遁頓呑曇鈍奈那
93E0	内乍凪薙謎灘捺鍋楢馴縄畷南楠軟難
<u>93</u> F0	汝二尼弐迩匂賑肉虹廿日乳入

	<u>0123456789ABCDEF</u>
9440	如尿韮任妊忍認濡禰祢寧葱猫熱年念
9450	捻撚燃粘乃廼之埜嚢悩濃納能脳膿農
9460	覗蚤巴把播覇杷波派琶破婱罵芭馬 俳
9470	廃拝排敗杯盃牌背肺輩配倍培媒梅
9480	楳煤狽買売賠陪這蝿秤矧萩伯剥博拍
9490	柏泊白箔粕舶薄迫曝漠爆縛莫駁麦函
94A0	箱硲箸肇筈櫨幡肌畑畠八鉢溌発醗髮
94B0	伐罰抜筏閥鳩噺塙蛤隼伴判半反叛帆
94C0	搬斑板氾沨版犯班畔繁般藩販範釆煩
94D0	頒飯挽晩番盤磐蕃蛮匪卑否妃庇彼悲
94E0	扉批披斐比迦疲皮碑秘緋罷肥被誹費
94F0	避非飛樋簸備尾微枇毘琵眉美

	0123456789ABCDEF
9540	鼻柊稗匹疋髭彦膝菱肘弼必畢筆逼桧
9550	姫媛紐百謬俵彪標氷漂瓢票表評豹廟
9560	描病秒苗錨鋲蒜蛭鰭品彬斌浜瀕貧賓
9570	頻敏瓶不付埠夫婦富富布府怖扶敷
9580	斧普浮父符腐膚芙譜負賦赴阜附侮撫
9590	武舞葡蕪部封楓風葺蕗伏副復幅服福
95A0	腹複覆淵弗払沸仏物鮒分吻嘖墤幩扮
95B0	焚奮粉糞紛雾文聞丙併兵塀幣平弊柄
<u>95C0</u>	並蔽閉陛米頁僻壁癖碧別瞥蔑箆偏変
95D0	片篇編辺返遍便勉婏弁鞭保舗鋪圃捕
95E0	歩甫補輔穂募墓慕戊暮毌簿菩倣俸包
95F0	呆報奉宝峰峯崩庖抱捧放方朋

	0123456789ABCDEF
9640	法泡烹砲縫胞芳萌蓬鋒褒訪豊邦鋒飽
9650	鳳鵬乏亡傍剖坊妨帽忘忙房暴望某棒
9660	冒紡肪膨謀貌貿鉾防 吠頬北僕ト墨撲
9670	朴牧睦穆釦勃没殆掘幌奔本靏凡盆
9680	摩磨魔麻埋妹昧枚岳哩槙幕膜枕鮪 柾
9690	蹲桝亦俣又抺末沫迄侭繭麿万慢満邊
96A0	蔓味未魅巳箕岬密蜜湊耯稔脈妙粍民
96B0	眠務夢無牟矛霧鵡椋婿娘冥名命明盟
96CO	迷銘鳴姪牝滅免棉綿緬面麵摸模茂妄
96D0	孟毛猛盲網耗蒙儲木黙目杢勿餅尤戻
96E0	籾貰問悶紋門匁也冶夜爺耶野弥矢厄
<u>96F0</u>	役約 薬訳躣 靖柳薮鑓榆愈油癒

	0123456789ABCDEF
9740	諭輸唯佑優勇友宥幽悠憂損有柚湧涌
9750	猶猷由祐裕誘遊邑郵雄融夕予余与誉
9760	輿預傭幼妖容庸揚摇擁曜楊様洋溶熔
9770	用窯羊 耀葉蓉 要謡踊遥陽 摱 慾抑欲
9780	沃浴翌翼淀羅螺裸来莱頼雷洛絡落酪
9790	乱卵嵐欄濫藍蘭覧利吏履李梨理璃痢
<u>97</u> A0	裏裡里離陸律率立葎掠略劉流溜琉留
9780	硫粒隆竜龍侶盧旅虜了亮僚両凌寮料
97CO	梁涼猟療瞭稜糧良諒遼量陵領力緑倫
97D0	厘林淋燐琳 臨輪隣鱗麟瑠塁涙累類令
97E0	伶例冷励嶺怜玲礼苓鈴隷零霊麗齢曆
97F0	歷列劣烈裂廉恋憐漣煉簾練聯

	0123456789ABCDEF
9840	蓮連錬呂魯櫓炉賂路露労婁寙弄朗楼
9850	榔浪漏牢狼篭老聾蝋郎六釐禄肋録論
9860	倭和話歪賄脇惑枠驁亙亘鰐詫藁蕨椀
9870	湾碗腕
9880	
9890	定
98A0	丐丕个丱丶丼丿乂乖乘亂」豫事舒式
98B0	于亞亟一亢京亳亶从仍仄仆仂仗仞仭
9800	仟价伉佚估佛佝佗佇佶侈侏侘佻佩佰
98D0	侑佯來侖儘俔俟俎俘俛俑俚俐俤俥倚
98E0	倨倔倪倥倅伜俶倡倩倬俾俯們倆儷假
98F0	會偕偐偈做偖偬偷傀傚傅傴傲

	0123456789ABCDEF
9940	僉僊傳僂僖僞 僥橬僣僮價 儓儉儁 儂儖
9950	儕儔儚儡儺儷儼儻儿兀兒兑兔兢竸兩
9960	兪兮冀冂囘册冉冏冑冓冕冖冤冠家寫
9970	冪冫决冱冲冰况冽凅凉凛几處凩凭
9980	凰凵凾刄刋刔刎刧刪刮刳刹剏剄剋剌
9990	剞剔剪剴剩剳剿剽劍劔劔剱礕劑辨辧
<u>99</u> A0	劬劭劼券勁勍勗勞勣勦飭勠勳勵勸勹
<u>99</u> B0	匆匈甸匍匐匏匕匚匣匯匱匳匸區卆卅
9900	世卉卍凖卞卩卮夘卻卷厂厖厠厦厥厮
99D0	廠厶參簒雙叟曼燮叮叨叭叺吁吽呀听
<u>99E0</u>	吭吼吮呐吩吝呎咏呵咎呟呱呷呰咒呻
<u>99F0</u>	咀呶昢附咆哇咢咸咥咬哄哈咨

	0123456789ABCDFF	
9D40	戞戡截戳戰戱戳扁扎扞扣扛扠扨枙 担	Ē
9D50	抉找抒抓抖拔抃抔拗拑抻攀拿拆擔	5
9D60	拜拌拊拂捆抛拉格拮拱搁挂挈拯挤排	R
9D70	挾捍搜捏掖掎掀掫捶掣掏掉掟掵捫	-
9D80	捩掾揩揀揆揣揉插揶揄摇藆攇搓搦拢	Ê
9D90	攝搗搨搏摧摰槫摎撜燍撓掜撩撈撼掤	Ē
9DA0	擒擅擇撻擘擂擱擧舉擠擡抬擣攢攬摪	đ
<u>9</u> DB0	擴擲擺攀擽 攓攜攢攤孿攫攴攵攷收(Ā
9DCO	畋效敖敕敍敘敞敝敽盭斂斃變斛斟 瓳	ĥ
9DD0	斷旃旆旁旄旌旒旛旙无无旱杲昊昃	Ę
9DE0	杳昵昶昴昜晏晄晉晁晞晝晤晧農晟都	Í
9DF0	晰暃鞷暎暉睻踼暝曁 遱隢暾暼	

	<u>0123456789ABCDEF</u>
9A40	咫哂咤咾咼哘哥哦唏唔哽哮哭哺哢唹
9A50	啀啣啌售啜啅惔啗唸唳啝虙喀佫蝛喟
9A60	啻 啾喘啣單啼喃喻喇喨嗚嗅嗟嗄嗜嗤
9A70	磌區歁嘖 嗾嗽嘛嗹曀 噐 營嘴嘶嘲嘸
9A80	噫噤嘨噬僺嚆嚀嚊嚠嚔嚔嚥嚮巊闄囂
9A90	唏囁喋囀囔嫦嗫囓□��名囹圄吾卑翳
<u>9AA0</u>	國國圖圖圖嗇圜圦圷圸坎圻址坏坩埀
9AB0	垈坡坿垉垓垠垳垤垪垰埃埆埔埓埓堊
9ACO	埖埣堋堙堝塲堡塢塋塰毀塒堽塹墅壛
9AD0	墟壿墺 壞墻墸墮壅壓壑壗壙壘壥壜壤
9AE0	壟壯壺臺壻壺壽夂夂夐夛梦夥夬夭夲
<u>9</u> AF0	夸夾竒奕奐奎奚奘奢蘡孁趱奯

							_			
			_							
					 	~		~ `		
		_								
					-		-			
								· · ·		
									_	

9B40	奸妁妆佞侫妣妲姗姨姜妍姙姚娥娟娑
9B50	娜娉娚婀婬婉娵婜婢婪媚媪孈嫋嫂媽
9B60	嫣嫗嫦摗 薸嫺嫻嬌嬋 <mark>嬖</mark> 嬲嫐嬡嬶瀬孃
9B70	孅孎子孕孚孛孥孩孰鼕孵擧斈孺宀
9B80	它宦宸寃寇寉寔寐寤霣寢寞寥寪寰靌
9B90	寶尅將專對尓尠尢尨尸尹屁屆屎屓屐
9BA0	屏孱屬屮乢屶屹岌岑岔妛岫岻岶仰岷
98B0	<i>蛢岾峇歭峩唊鲠帩嶌輍崋崕崗嵜</i> 鈭崛
9BCO	嵔崔崢崚崙崘嵌嵒嵎蝞嵬嵳嵶 饇嶄皟
9BD0	帱嶝嶬 嶮嶽嶐寲嶼巉巍巔巒巖巛巫已
9BEO	巵帋 帚帙 帑 帛 帶 帷 幄 韓 幀 幎 幗 幔 幟 幢
<u>98F0</u>	幣幇幵并幺麼广庠廁廂廔廐廏

0123456789ABCDEF 9C40 廖廣廝廚廛廢廡廨廩廬雇廳廳廴廸廾 9050 弃弉彝彝弋弑己督弭弸彊彈彌蠻蛮占 9060 彖彗彙乡彭彳彷徃祖佛徊很徑徇從徙 9070 排徠徨徭徼村忻忤忸忱忝惠忿怡恠 **9080** 枯枸妮怎怱怛柏柫枰快俅恚恁格恷恟 9C90 恊恆恍恣恃恤恂恬恫恙悁悍惧悃悚悄 CICEO 愠愕愆惶惷愀惴惺愃惚惻惱愍榎憵愾 **慴慯慥慱慟慝慓慵憙憖憇**檂憔幝憊憑 9CD0 9CEO **憫憮懌愌應**櫰懈懃懆**憺懋**罹懍懦懣櫴 9CFO 懺 幟 懿 權 懼 攝 戀 戈 戉 戍 戌 戔 戛

0123456789ABCDFF 9E40 曄暸曖曚曠昿曦曇曰曵曷朏朖朞朦朧 91350 霸术束朶杁朸朷杆杞杠杙杣杤枉杰枩 9660 杼杪枌枋枦枡枅枷柯梠柬枳柩枸柤柞 9日80 梳栫桙档桷桿梟梏梭梔條梛梃檮梹桴 9E90 梵梠梺椏梍桾椁棊椈棘椢椦棡椌棍棔 **9EAO** 栈棕椶椒椄棗棣椥棹棠棯椨椪椚椣椡 **BEBO** 榆楹楷楜楸楫楔楾楮椹楴椂楙椰榆楞 楝榁楪榅榮栧榿槁槓榾槎寨槊槝楬槃 9ECO ELEDIO 榧梗樗榠榜榕榴槞槨樂樛槿檔槹檭椠 EEEO 樅榱樞槭檪槫樊樒櫁樣樓橄樌橲樶橸 9日里〇 橇橢橙楦橈樸樢檐檍檠檄檢檣

0.	12	З	4	5	6	/	8	9	A	В	С	D	Ξ	F
檗剪	睫檻	櫃	欋	檸	檳	檬	欕	欘	櫟	榤	橍	櫪	櫻	榉
糵柞	ڇ 樂	欖	鬱	欟	欸	欷	盜	欹	飲	歇	歃	歉	歐	歙
飲魚	次敗	歡	歸	歹	歿	殀	殄	殃	殍	残	殕	殞	殤	殪
殫	賨殲	殱	£	殷	殼	殹	⊞	毓	毟	毬	毫	á	毯	
麾曹	飥氓	气	氛	氤	氣	汞	汕	汢	汪	沂	沍	沚	沁	沛
汾》	日汳	沒	沐	泄	泱	泓	沽	泗	泅	泝	沮	沱	沾	沺
泛注	民泙	泪	洟	衍	洶	洫	治	洸	洙	洵	洳	洒	洌	浣
涓》	宏浚	浹	浙	涎	涕	瀗	涅	淹	渕	渊	涵	淇	淦	洇
浠洋	卒淞	淌	淨	淒	淅	浅	淙	淤	淕	淪	淮	渭	湮	渮
渙	爰湟	渾	渣	湫	渫	湶	湍	渟	湃	渺	湎	渤	滿	渝
游测	刺溪	溘	滉	溷	滓	溽	溯	滄	溲	滔	滕	溏	溥	滂
溟	湏溉	灌	滬	滸	滖	漿	渗	漱	滯	漲	澯	_	-	-
	■檗蘗獻殫麾汾泛涓淆渙游溟	⋃檗蘖歔殫麾汾泛涓浠渙游溟 戸蘖櫺歛殯氈汩泯浤淬湲溂潁 潁獵	☑檗蘗歔殫麾汾泛涓淆渙游溟到 蘖櫺歛殯氃汩泯浤淬湲溂潁 潁凝啮返泙浚淞湟溪溉	□檗蘗歔殫麾汾泛涓淆渙游溟迎 蘖櫺歛殯氃汩泯浤淬湲溂潁 溆斌、沒泪浹淌渾溘潔 溪溝灣 。 梁溝 梁 源 源 源 源 源 梁 源 源 梁 流 梁 派 深 波 派 深 波 派 深 波 派 深 波 派 深 波 派 深 波 派 深 波 派 深 波 派 深 流 深 波 派 深 流 深 流 深 流 深 流 深 流 深 流 深 流 深 流 深 深 流 深 流 深	□ 葉臻 愈 弾 麾 涼 深 築 橋 敷 敷 殲 低 広 深 没 泡 え 流 深 没 え え え 二 に え 二 え 二 え 二 え 二 え 二 え 二 え 二 え 二 、 、 、 、 、 、 、 、 、 、 、 、 、	□1223450 檗蘗虛數殣麾況之間 整幢、數殲、、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、 、	□1232456 案 臻 盤 微 數 磁 檻 楷 榕 微 數 了 麗 整 檻 檻 楷 榕 微 數 號 號 宏 般 文 號 號 號 號 號 號 號 號 號 號 號 號 號 號 號 號 號 號	□1282456/28 □集整整整數理整整整整整整整整整整整整整整整整整整整整整整整整整整整整整整整整整	O1232156/289 檗蘗檻櫃檸檳檬櫞櫑 欬歛嗽儎歸丒殼殼驗 文別 文別 之間 之間 之間 之間 之間 之間 之間 之間 之間 之間 之間 之間 之間	O123456789A 檗蘗檻櫃樓檸檳檬櫞櫑欸 歙歙軟歡點歹殷殼嚴公 發 文 嚴 一 之 思 法 法 況 沒 法 法 況 治 之 況 深 洲 澄 法 況 況 況 況 況 況 況 況 況 況 況 況 況 況 況 況 況 況	O123456789AB 檗蘗檻櫃欋梬檳檬櫞櫑櫟檪 蘗歃歟歡豑歹歿殀殄殃殍殘 鄭殯殲殱殳殷殼殹毌毓毟毬 家欽歎藗殳殷殼殹毌毓毟毬 「汾汨汳沒活」之派 「沙」 「「」、 「」、 「」、 「」、 「」、 「」、 「」、 「」、 「」、 「	O123456789ABC 檗蘗檻櫃欋檸檳檬櫞櫑櫟檫櫩 歔歔欺歡歸歹歿殀殄殃殍殘殆 鄭殯殲殱殳殷殼殹毌毓毟毬毫 牽氃氓汳沒意氣汞汕汢茳泗泅猜 淵ニ淩浹浙涎涕濤涅淹渕渊 滳 溪淀滩淌淨淒淅淺淙淤흗湃 沕澜 溪流 又 淵 波波 激 溝 深 雅 滬 濤 波 波 波 波 波 派 浩 波 波 派 浩 深 派 浩 深 派 浩 深 派 流 流 流 流 流 流 流 流 流 流 流 流 流 流 流 流 流 流	O123456789ABCD 檗蘗檻櫃欋梬檳檬櫞櫑櫟檪櫚櫪 蘗歃歟歡勸号歿殀殄殃殍殘殕殞 噿殯殲殱殳殷殼毆毌毓毟毬毫毳 麾氃氓气氛氥氣汞汕汢汪沂狟池 污汨汳沒沫泄涋泓洁洒泅泝泪淴洒 涓浤浚浹浙涎涕瀗浧淹渕渊滳淇 浳浫淞淌凈淒淅淺淙淤淕淪淮渭 淡湲湟渾淔湫澲湶湍渟湃渤湎 游溂溪溘滉溷涬溽溯滄淒滔滕溏 凕顈溉灌滬滸滖썘渗漱滯漲滌	□□□25456/89ABCD目 檗藥檻櫃權檸檳檬櫞櫑櫟檪櫚櫪櫻 蘗軟數數數點歹歿殀殄殃殍殘殆殞殤 殫殯殲殱殳殷殼毆毌毓毟毬毫毳毯 牽託氓气氛氥氣汞汕汢汪沂狟洳沿 泛泯泙涉淡汕洽洸洗洵洳洒洌 涓浤浚浹浙涎涕濡涅淹渕渊涵淇淦 淆淬淞淌凈淒淅淺淙淤淕淪淮渭湮 渙湲湟葏濟煍渫湶湍渟湃渺湎渤滿 濵顈溉灌滬滸滖썘渗漱滯漲澯

	01	23	45	67	78	9 A	BC	DE	-
E040	漾漓	滷澆	潺濱	 澁湯	2澤	潛潛	潭淵	[潼潘]	澎
E050	澑濂	遼澳	澣澟	[澤)	2 漢	澪酒	濕濬	濔濘	濱
E060	濮濛:	瀉瀋	濺溕	瀁瀁	劉沪	瀛瀚	潴瀝	瀘瀮	彌
E070	瀾瀲	灑灣	炙刘	》炯刘	砌炬	炸炳	泡烟	法烝	
E080	烙焉)	烽焜	焙烟	熙州	聚煦	煢焢	煖焬	熏燻	熄
E090	熕熨	熬爓	素燈	Ľ焼炸	贁燔	燎燠	燬燧	燵燼	燹
EOAO	爠燦)	媗爛	爨爭	肥多	ミ為	爻爼	爿牀	牆牋	資
EOBO	牴牾	犂犁	犇犞	犖物	賣犧	犹犲	狃狆	狄狎	佛
EOCO	狢狠	狡狹	狷倏	猗	兒猜	猖猝	猴猯	猩猥	傦
EODO	獎獏	默獗	獪狽	『獰 闍	状獵	獻獺	珈玳	;珎玻]	臼
EOEO	珥珮	咯璢	琅琅	琥珀	哥琲	琺瑕	琿瑟	瑙瑁]	睮
EOFO	瑩現	嗩瑪	瑶瑄	璋玛	美璧	瓊瓏	瓔珱	:	

	01	2	З	4	5	6	7	8	9	A	В	С	D	Ε	Ê
<u>E440</u>	隋膊	脾	腓	腑	賆	腱	覵	腥	腦	腴	腽	膈	膊	膀	膂
E450	膠胞	膤	膣	腟	膓	腻	膰	膵	膾	膸	膽	臀	臂	膺	臉
E460	臍牖	臙	臘	臈	譃	臓	臠	臧	臺	臻	臾	舁	舂	舅	與
E470	舊舍	舐	舖	舩	舫	舸	舳	艀	艙	艘	艝	艚	艟	艤	
E480	艢觽	艪	艫	舮	艱	艷	艸	艾	芍	폰	芫	芟	芻	芬	苡
E490	苣芍	j苒	苴	苳	苗	蒥	范	苻	苹	苞	茆	苜	茉	苙	茵
E4A0	茴茗	茲	茱	荀	茹	荐	苔	茯	茫	茗	茘	莅	莚	莪	苔
<u>E4B0</u>	莢莖	谟	莎	莇	莊	荼	莵	荳	荵	羐	莉	莨	菴	萓	菫
E4C0	菎邞	萃	菘	囊	菁	幕	葨	菠	菲	萍	萢	萠	莽	萸	薓
E4DO	菻葭	萪	萼	훃	蒄	莄	葫	菊	葮	蒂	葩	葆	萬	葯	葹
E4E0	萵顡	葐	蒹	蒿	蒟	蓙	著	蒻	薢	蓐	蒹	蓆	蓖	蒡	蔡
E4F0	蓿苇	萧	蔘	蔬	蔟	蔕	蔔	寥	蕀	蕣	蕘	葷			

	<u>0123456789ABCDEF</u>
E140	瓠瓣瓧瓧瓮瓲瓰瓱瓸瓷甄甃甅甌甎甍
E150	甕甓嘗甦甬甼畄畍畊畉眕畆畚畞畤畧
E160	蟗畭畸當疆疇畴叠疉疂疔疚疝疥疣痂
E170	疳痃疵疽疸疼疱痍痊痒痙痣痞痾痿
E180	痼瘁痰痺痲痳瘋瘍蕍瘟瘧瘠瘡瘢瘤瘴
E190	瘰瘻癎 麍癆顣癘癴癢癨癲廭癧癬龗癫
E1A0	癶癸發皀皃皈皋皎皖皓晳皚皰皴皸皹
E1B0	皺盂盍盖盒盞盡盥盧盪蘯盻眈眇眄眩
E1CO	眤眞眥魮眛眷眸睇睚睨睫睛睥睿睾睹
E1D0	螛 瞙瞑瞠瞞瞰瞶糭 瞿瞼 萺瞻矇矍蠤矚
E1E0	矜矣矮矼砌砒礦砠礪硅碎硴碆硼碚碌
E1F0	碣碵碪碯碋磆磋礏碾碼磄켩韾

0	1	2	3	4	5	6	7	8	9	<u>A</u>	B	<u>C</u>	D	E	
				_ ·											

碽磗磽	磴礇(颪礑	礙礬	磔祀	祠祗	崇祚衪	ļ
秡祺祿	禊禝	溶 療	襌禮	禳禹	禺秉	秕秧稚	5
秡秣稈	稍稘	植稠	稟禀	稱稻	稾稷	穃穗穪	
穯穢穩	稀穰	官穽	窃窗	宨窘	窖窩	電客	
窶竅竄	窿邃	資 竊:	針竏	妢竓	站竚	竝竡姼	ę
娕竭竰	笂笏)	航色 :	筋笘	笙笞	笵笨	笶筐筺	E
笄筍笋	筌筅	庭筥:	筴筧	筰筱	筬筮	箝箘箟	j
箍箜箚	箋箒	「「「「「「「」」 「「」」 「」」	箙篋	簋篌	篏箴	篆筹箭	5
簑簔篦	篥籠	寳筬	簓篳	籩簗	窶篶	簧簧薯	ē
簟蓬斄	簽籌	籃籔	籏籀	籐籐	籟籖	籖籥簫	É
籵粃粐	粤粭ǎ	粲粫	榈粔	粳粲	粱粮	粹粽糀	Ē
糅糂糘	糒糜	模鬻	糥糲	糴糶	糺紆		
	皟 袚秡穯竁娕 宑箍窶簞籵縔 碍稘秣穢竅竭筍箜簔潌粃糂窃碖褖稈穩竆竰笋箚篦簘粐糘	皟秡秡穡竁娕筓箍簔簞籵糅 礍砩秼稦穩窽鴗笉箜簔簅粃糅闧 僗褀秼穢竅鶐笉箜簔簅粃 騘鴗笉竺簔簅馻粐糘 礷褉稍穐邃笏竻 シ シ シ シ の の ジ い い い い い い い い い い い い い い い い い	皟 袚秡穯竁娕竎箍竁蘌筓箍鑳 礯 禗 秼 秜 穝 竅 孎 守 箚 笠 簔 藩 新 網 森 程 種 て 窓 線 道 等 箚 笠 簔 藩 業 新 籍 て 窓 線 道 等 箚 箔 笠 簔 え 第 着 箱 程 れ 程 種 履 麗 婚 う 箚 笠 第 答 箔 第 箔 箔 第 箔 箔 第 箔 箔 第 箔 第 答 約 第 箔 第 箔 第 答 約 第 箔 第 一 約 第 二 第 第 一 約 第 二 第 一 約 第 二 約 第 一 約 第 二 約 第 一 約 第 二 約 第 一 約 第 二 約 第 一 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 約 第 二 二 第 二 約 第 二 約 二 第 二 第	皟磗 磽禝靏鏞 磸磗祿稧穯鬤娕竎箍鑳 瀫 璩 代	皟磗磏磾礇靍礑礙礬礯祀 碽磗쟶孾礘礑礹礬礯祀 樮 禝 禝 禝 禝 휂 求 稈 れ 程 れ 程 れ 程 れ 程 れ 程 れ 程 れ 程 れ 程 れ 程 れ	嫧 磗 磄 俹礇礹礑 礙礬 磜祀祠秪 砹稘祿禊禝蘠齌 澕 禮鵋禹 隽 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅 稅	皟磗 僲俹礇儾礑 娺礬 磔祀祠秪祟祚瓡 秡禖祿稧嶘禧齌嶘禮謧禹禺秉秕秧栮 糤穢稦稓穰穹穽窈窗窕窘窖窩竈窰 鬤薂 竆窿邃竇竊 竍竏竕竓站竚竝竡娒 햧竭竰笂笏笟笆笳笘笙笞笵笨笶籭箘 箍箜箚箋箒籔奒簓簺籆簗籔춟籔 簔籭篒薵籃籔籏籕 籐癳顡籖籖籖籥 料粃粐甹粭粢粫粡粨粳粲巬粮粹歂糀 糅糂糘糒糜糢鶦糥濿蠗糶糺紆

	<u>0123430/89ABCDEF</u>
E340	紂紜紕紊絅絋紮紲紿紵絆絳絖絎絲絨
E350	絮絏絣 經綉絛綏絽綛綺綮綣綵鯔綽嶘
2360	總 綢綯緜綸綟綰緘縜緤緞裍緲緡縅縊
E370	縣縡縒縱耨縉縋縢繆嶘縻縵縹繃艛
E380	綶縺繧櫩繖繞襎橑 縪襘繩繼轜鰫緕繽
E390	<i>辮繿襭顜續纒纐櫻艬纎纎纛鑬缸缺罅</i>
E3AO	罌霯罎罐网罕罔罘罟罠罨罩罧罸羂羆
E3BO	羃羈羇羌羔羞羝羚羣羯羲羮羮羶鸁譱
E3CO	翅翆翊翕翔翡翦翩翳翹飜書耄耋耒耘
E3DO	耙耜耡耨耿耻聊聆聒聘聚聟聢聨鼝螜
E3E0	飉聶聹聽聿肄肆熽肛肓肚肭冐肬胛胥
E3F0	胙貾寈胚牉脉胯胱踁僒謈脯腋

-	_					
-0.1	00	A G	67	$0 0 \Lambda$	DOD	
		<u> </u>	\mathbf{O}	пма	RUI	

(15340) 募藥蔬菇烹煎香薹薊壳黄蔷薛荻薇薛
(1550) 莴萄薐藉菁藏薹藐藕藝粱黎穗蘊蘓蘋
(1550) 蘈菌蘆蘢解蘊蘿虍乕虔況虧虱蚓蚣当
(1550) 棘鳍噬鼠螺蝸外蝇蝴蝗蝨蝮蝙蝓
(1550) 整靖蜥蜩蜚蝠蝟蝸外蝇蝴蝗蝨蝮蝙蝓
(1550) 整靖蜥蜩蜚蝠蝟蝸外蝇蝴蝗蝨蝮蝙蝓
(1550) 整靖蜥蜩蜚蝠螺蚴婚蠗蟷蠎蟒蠑蛾蠕盘
(1550) 數蟲翼蓋蓋蠻衄衂衒衙衛衜衫哀衾衰
(1550) 和衽袵衲袂衫袒袮袖袢袍袤袰袿袱裃
(1550) 福褐褪襁裟寒褶褸禪禪襠襞

<u>=640</u>	襦襤襭襪襯襴榉襾罿覈龞覓覘覡覩覦
E650	 麲麲覲覮覽覿覾觚觜觝觧鵳觸訃訖詽
2660	訌訛訝訥訶詁詛詒詆 罿 詼詭詬詢誅誂
E670	誄誨誡誑誥誦誚誣諄諍諂諚諫諳諧
E680	諤諱 謯諠譂諷譕 諛謌謇諩諡謖謐謗謠
690	謳輷韾謪誛謨譁譌讗譎證譇譛譚譃襙
<u>=6A0</u>	譬譯譴譽讀讌儺讒讓讖讙讚谺豁谿豈
E6B0	豌豎豐豕豢豬豸豺貂貉貅貊貎貎貔豼
<u>=600</u>	貘戝貭貪貽貲貳貮貶賣賁賤賣賌賽賺
E6D0	賻贄贅贊鼝驘賶贐齍摵賍贔贖 赮赭赱
<u>=6e</u> 0	赳趁趙跂趾趺跏跚跖跌跛跋跪跫跟跣
26F0	跼踈踉跿踝踞趪踟蹂踵踚踴蹊

	0123456789ABCDEF
E740	蹇蹉蹌蹐蹈蹙瞛蹠錝蹣蹕镢蹲蹼躁躇
E750	躅躄躋躊鎖躑躔躢躪踾躬躰軆躱躾軅
E760	軈軋軛軣軼軻軫軾輊輅輕輒輙輓輺輟
E770	輛輌輦藈輻輹轅毂鰋轌轉鏕鐈轗轜
E780	蠑轣轤辜辟辣辭辯辷迚迥迢迪逊邇 迴
E790	逅迹迺逑逕逡逍逞逖逋逧逶逵逹迸遏
E7A0	遐邊遒逎遉逾遖遘遞遨遯遶隨遲邂遽
E7BO	運廠邊邊竊心田四部部處當之之之。
<u>E7C0</u>	鄿鄰酊酖酘酣酥酩酳酲醋醉醂醢譼醯
E7D0	醪醵醴醺釀釁釉釋釐釖釟釡釛釼釵釶
E7E0	豹釿鈔鈬鈕鈑鉞鉗鉅鉉鉤鉈銕鈿鉋鉐
E7F0	銜銖銓銛鉚鋏鋵銷鋩錏鋺鍄錮

I

E840	錙ظ錚錣錺錵錻鍜鍠鏔鎆鍖鎰鎬鍞鎔
E850	鎹霯鏗磛鏥鏘鏃鏝鏐鏈鷧鐚鐔鏉鎸鐇
E860	鐐 鐶詵鐡鐡鐺鼝鑋鑄饙鑅鑢鑞鑪鈩鑰
E870	鑵讘鑽鑟鑼鐢頀罊閂閇閊閔閖閘閙
E880	閠 闛閧閭閼閻闍閾闊濶闃閐闑闕閠闖
E890	關闡闡闢阡阨阮阯陂陌陏陋陷陜陞陜
E8A0	踄陦陲陬隍隘隕隗險隧隱隲隰隴隶 隸
E8B0	隹雎雋雉雍襍雜霍雕雹霄龗霈霓雲霑
E8C0	霏霖霙霤靋霰霹霽霾靄麸靈靋鬤靜靠
E8D0	靤靦靨勒靫靱靹鞅靼鞁靺鞆鞋轚鞐鞜
E8E0	鞨鞦鞣鞳鞴韃韆韈韋轁韭齏韲竟韶韵
E8F0	頏頒頸頤頡頷頺顆顪顋顫顯瓕

0123456789ABCDEF

E940	顪顲顳	颪颯	颱颶	風驪飆	飩飫飳	交餉餒餔
E950	餘餡餝	餝 餤	餠餬	≩ 餽餾	饂饉飳	} 饐饋饑
E960	饒饌饕	馗馘	馥馭》	馬馼駟	駛駝	台駕駭駮
E970	駱駲駻	駸騁	騏騅	騈駧騫	騷驅	易惡惡
E980	騾驕驍	驆驗	驟駄	蹼驤騜	飍驞會	干骰骼髀
E990	餕髑髓	體髞	髟髱	考電髯	髫 髮	(영잡왕
E9A0	鬆鬣鬚	鬟髫	鬣鬥	制用其	開阔	鬯鬲魄魃
E9B0	魏魍魎	魑魇	魴鮓	評約師	鮗鮟	危鮨鮴鯀
E9C0	鯊鮹鯆	鯏鯑	鯒鷠	觬鯤鯔	鯡鰺	於鯱鯰鰕
E9D0	鰔鰉鰓	緧鰆	鰈鰒	谏鰄鰮	鰛賝	師鰡鮴鱇
E9E0	鸄鱆鱏	鱚鱠	鱧鱑	谑鳧鳬	鳰鴉	鳫틦鴃鴆
E9F0	鴪鴦鶑	鴣鴖	鵛鴕彳	溩 殦 鵨	楊衛王	

0123456789ABCDEF

EA40	鵝鵞	鵤剈	鵐	鵙	鵲	鶉	鶇	鶇	鵯	鵺	뾠	鷴	驚	雛
EA50	鷄鑴	鶻翼	髇	巍	鴺	뫪	騺	鶌	鷸	鷦	鷭	鶢	鷪	鷃
EA60	鸛鸒	10 B	蠞	麁	慶	麋	軣	麒	麕	麑	麝	麥	麩	麸
EA70	麪麭	靡覺	钗	黏	黐	黔	黜	點	黝	黠	黥	黨	黯	
EA80	鰴鱀	黷黹	봾	襕	T	鳌	鐅	皷	鼜	鼡	鼬	鼾	齊	齒
EA90	齔齣	齟齬	3節	齦	齧	龉	齪	齷	齲	餝	龕	龜	龠	堯
EAAO	槇遥	瑤												
EABO														
EACO														
EADO														
EAEO														
EAFO														

5-3 Chinese Language Codes (Conforming to GB 8312)

0 1 2 3 4 5 6 7 8 9 A B C D E F

<u>A 1 2 0</u>	、・・^^^〃々-~∥・・・ ()
A 1 3 0	"" () () () [] [] [] []
A140	$\pm \times \div : \land \lor \Sigma \Pi \cup \cap \in :: \checkmark \bot \parallel \angle$
A 1 5 0	⌒⊙∫∮≡≌≈∽∝≠≮≯≤≥∞∵
A160	∴ ै ♀ °′″℃\$∅¢£‰§№☆★
A170	◯●©◇◆□■△▲※→←↑↓〓

) E F		0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ē	F
. ()	A720																
[]	A730																
. // ∠	A740																
: 00 🖓	A750																
☆★	A760																
=	A770																

	0123456789ABCDEF	
A 2 2 0	, , , , , , , , , , , , , , , , , , , 	
A 2 3 0	✓ 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	
A 2 4 0	16, 17, 18, 19, 20, (1) (2) (3) (4) (5) (6) (7) (8) (9) (0) (1)	
A 2 5 0	12 13 14 15 16 17 18 19 20 1 2 3 4 5 6 7	
A 2 6 0		
A270	I II III IV V VI VII VIII IX X XI XII	

	0	1	2	3	4	5	6	7	8	9	A	В	С	D	E	F
A 8 2 0		ā	ά	ă	à	ē	é	ě	è	ī	í	ĭ	ì	ō	6	ð
A 8 3 0	ò	ū	ú	ŭ	ù	û	ú	ů	ù	a	ê	α	ń	ń	ň	'n
A 8 4 0	g					5	攵	п	Ľ	'n	ቷ	3	为	«	5	r
A 8 5 0	ч	<	Т	単	1	7	Ø	٢	4	አ	Y	ट	t	ť	勞	٦
A 8 6 0	*	8	4	ч	t	۷	ĸ	1	X	Ц						
A 8 7 0																

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0 1 2 3 4 5 6 7 8 9 A B C D E F
A320	!"井子%&'()*+,-./	A 9 2 0
A330	0 1 2 3 4 5 6 7 8 9 : ; < = > ?	Α930 ΓΓΓΓηηη ΓΕΕΕΙΙΙΙ
A 3 4 0	@ABCDEFGHIJKLMNO	<u>A940</u>
A 3 5 0	PQRSTUVWXYZ [\]^_	<u>A950</u>
A360	`abcdefghijk1mno	<u>A960</u> ┼┽┾┿╀┼┼╃╄┽┾┿╉┶
A 3 7 0	pqrstuvwxyz { }-	A 9 7 0

	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1	23	4 5	5 6	78	9	ΑB	CDE	F
A 4 2 0		A A 2 0									
A430		A A 3 0									
A 4 4 0		AA4 0									
A450		A A 5 0									
A460		A A 6 0									
A470		AA7 0									

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ð	F
A520	A B 2 0		ā	ά	å	à	ē	é	ě	è	i	í	ĭ	1	ō	6	ŏ
A530	A B 3 0	ò	ū	ú	ŭ	ù	û	á	ů	ù	a	ê	۵	ń	ń	ň	'n
A540	AB40	g															
A 5 5 0	A B 5 0																
A560	AB6 0																
A 5 7 0	A B 7 0																

	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1	2	34	5	6	78	9	A B	СĽ) E F
A620		AC20										
A630		AC30										
A640		AC40										
A 6 5 0		AC 5 0										
A660		AC 6 0										
A670		AC70										

0 1 2 3 4 5 6 7 8 9 A B C D E F A D 2 0 A D 3 0 A D 4 0 A D 5 0 A D 6 0 A D 7 0	B 3 2 0 B 3 3 0 B 3 4 0 B 3 5 0 B 3 6 0 B 3 7 0	0 123	4 长炒衬吃充臭6 肠扯秡持虫出	7 厂撤城匙崇橱	9畅彻成迟抽躇	A 倡 散 呈 也 洲 助 B 倡 郴 乘 驰 畴 雏	C 超臣程耻踌滁D 抄辰惩齿稠除	上钞 尘澄侈愁楚	の明曼戎己寧
---	---	----------	------------------	----------	---------	--------------------------------	------------------	-----------------	--------

	0123456789ABCDEF		0 1	2	3 4	5	6	7	89	A	B	CD	E	F
AE20		B420	础	储	<u></u> 「 」 」	畜触	处	揣丿	川穿	椽	传	铅喘	宙	疮
AE30		B430	窗幢	床	闯住	则吹	炊	捶	連重	春	椿	障唇	淔	疝
AE40		B 440	蠢戳	绰;	π₹	炭磁	雌	辞	旅资	词	ill. ī	町碉	次	聪
A E 5 0		B450	葱囱	匆り	队	ム凑	粗	醋魚	廣保	躥	算	窜 摧	出	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
<u>AE60</u>		<u>B460</u>	脆瘁	粹	卒习	そ村	存	寸石	炭損	搓	掛	~ / [] 坐错	世	证
A E 7 0		B470	答瘩	打;	大乡	飞歹	傣	戴	节殆	代	货车	之行	逮	

	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1 2 3 4 5 6 7 8 9 A B C D E F
AF20		B520	息耽担丹单郸掸胆旦氯但惮淡避弹
<u>AF30</u>		B 5 3 0	蛋当挡党荡档刀捣蹈倒岛祷导到稻惶
<u>AF4</u> 0		B540	道盗德得的蹬灯登等瞪凳邓堤低滴迪
AF50		B 5 5 0	敌笛狄涤翟嫡抵底地蒂第帝弟递缔巅
AF 6 0		B560	据滇碘点典靛垫电佃甸店惦奠淀殿碉
<u>AF70</u>		B570	叼雕凋刁掉吊钓调跌爹碟蝶迭谍叠

	0	1	2	3	4	5	6	7	8	9	A	В	С	D	19	F
B020		啊	阿	埃	挨	哎	唉	哀	皑	癌	蔼	矮	艾	碍	爱	隘
B 0 3 0	鞍	氨	安	俺	按	暗	岸	胺	案	肮	昂	盎	凹	敖	熬	翱
B 0 4 0	袄	傲	奥	懊	澳	芭	捌	扒	叭	吧	笆	八	疤	巴	拔	跋
B 0 5 0	靶	把	耙	坝	霸	罢	爸	白	柏	百	摆	佰	败	拜	稗	斑
$\mathbf{B} 0 6 0$	班	搬	扳	般	颁	板	版	扮	拌	伴	嬲	半	办	绊	邦	帮
B 0 7 0	梆	榜	膀	绑	棒	磅	蚌	镑	傍	谤	苞	胞	包	褒	剥	

	0 1	2	3	4	5	6	7	8	9	A	B	Ĉ	Ď	Б	F
B620]	- II	n1	钉	顶	鼑	锭	定	订	丢	东	冬	蕫	懎	动
B630	栋僶	可恫	冻	洞	兜	抖	斗	陡	豆	逗	痘	都	督	畫	行柱
B640	独设	钅堵	睹	赌	杜	镀	肚	度	渡	妒	端	短短	假	段	断
B650	缎堆	ŧ兑	队	对	墩	旽	蹲	敦	顿	Ð	钝	盾	遁	掇	喀
<u>B660</u>	多夺	•垛	躲	朵	跥	舵	剁	惰	堕	蛾	峨	鹅	一俄	额	讹
$\mathbf{B}670$	娥思	厄	扼	遏	鄂	饿	恩	而	兀	耳	尔	饵	洱	<u> </u>	-10

0 1 2 3 4 5 6 7 8 9 A B C D E F

贰发罚筏伐乏阀法法藩帆番翻樊矾

	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	5	F
B120		薄	雹	保	堡	饱	宝	抱	报	暴	豹	鲍	爆	杯	碑	悲
B130	卑	北	辈	背	贝	钡	倍	狈	备	惫	焙	被	奔	苯	本	笨
B140	崩	绷	甭	泵	蹦	进	逼	鼻	比	鄙	쑄	彼	碧	喸	藃	比

B 1 5 0	毙毖币庇痹闭敝弊必辟壁臂避陛鞭边
B160	编贬扁便变卞辨辩辫遍标彪膘表鳖憋
<u>B 1 7 0</u>	别瘪彬斌濒滨宾摈兵冰柄丙秉饼炳

*	B760 B770	龚丰封枫蜂峰锋风疯烽逢冯缝讽奉凤 佛否夫敷肤孵扶拂辐幅氟符伏俘服
<u>þ</u>	B750	沸费芬酚吩氛分纷坟焚汾粉奋份忿愤
<u>k</u>	B740	防妨仿访纺放菲非啡飞肥匪诽吠肺废
ŧ	B730	钒繁凡烦反返范贩犯饭泛坊苦方防房

	0	1	2	3	4	5	6	7	8	9	Α	B	Ċ	D	13	F
B 2 2 0		病	并	玻	菠	播	拨	钵	波	博	勃	搏	铂	箔	伯	帛
B 2 3 0	舶	脖	膊	渤	泊	驳	捕	Þ	哺	补	埠	不	布	步	簿	部
B240	怖	擦	猜	栽	材	才	财	睬	踩	采	彩	菜	蔡	餐	参	蚕
B 2 5 0	残	慚	惨	灿	莅	舱	仓	沧	藏	操	糙	槽	曹	草	厕	策
B260	侧	册	测	层	蹭	插	叉	茬	茶	査	碴	搽	察	岔	差	诧
B270	拆	柴	豺	搀	掺	蝉	馋	谗	缠	铲	产	阐	颤	昌	猖	

	Ų.	1	_2	د_	4	<u> </u>	6	1	8	9	Α	В	С	D	5	F
<u>B820</u>		浮	涪	福	袱	弗	甫	抚	辅	俯	釜	斧	脯	腑	府	腐
B830	赴	副	覆	赋	复	傅	付	阜	父	腹	负	富	讣	附	妇	缚
<u>B840</u>	咐	噶	嘎	该	改	概	钙	盖	溉	千	甘	杆	柑	竿	肝	赶
B850	感	秆	敢	赣	冈	刚	钢	缸	肛	纲	岗	港	杠	篙	皋	髙
B860	膏	羔	糕	搞	镐	稿	告	哥	歌	搁	戈	鸽	胳	疙	割	革
<u>IS 8 / 0</u>	葛	硌	蛤	阁	隔	铬	个	各	给	根	跟	耕	更	庚	羹	

B720

0 1 2 3 4 5 6 7 8 9 A B C D E F

B920	埂耿梗工攻功恭龚供躬公宫弓巩汞
B930	拱贡共钩勾沟苟狗垢构购够辜菇咕箍
B940	估沽孤姑鼓古蛊骨谷股故顾固雇刮瓜
B950	剐寡挂褂乖拐怪棺关官冠观管馆罐惯
B960	灌贯光广逛瑰规圭硅归龟闽轨鬼诡癸
B970	桂柜跪贵刽辊滚棍锅郭国果裹过哈

	0	1	2	3	4	5	6	7	8	9	Α	В	С	D	Ð	F
BA20		骸	孩	海	氦	亥	害	骇	酣	憨	邯	韩	含	涵	寒	函
BA30	喴	罕	翰	撼	捍	旱	憾	悍	焊	汗	汉	夯	杭	航	壕	嚎
BA40	豪	毫	郝	好	耗	号	浩	呵	喝	荷	菏	核	禾	和	何	合
BA50	盒	貉	阂	河	涸	赫	褐	鹤	贺	嘿	黑	痕	很	狠	恨	哼
BA60	亨	横	衡	恒	轰	哄	烘	虹	鸿	洪	宏	弘	红	喉	侯	猴
BA70	吼	厚	候	后	呼	乎	忽	瑚	壶	葫	胡	蝴	狐	糊	湖	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	12	F
BB20		弧	虎	唬	护	互	沪	户	花	晔	华	猾	滑	画	划	化
BB30	话	槐	徊	怀	淮	坏	欢	环	桓	还	缓	换	患	唤	痪	豢
BB40	焕	涣	宦	幻	荒	慌	黄	磺	蝗	簧	皇	凰	惶	煌	晃	幌
BB50	恍	谎	灰	挥	辉	徽	恢	蛔	回	毁	悔	慧	卉	惠	晦	贿
BB60	秽	숲	烩	汇	讳	诲	绘	荤	昏	婚	魂	浑	混	豁	活	伙
BB70	火	获	或	惑	霍	货	祸	击	圾	基	机	畸	稽	积	箕	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
BC20		肌	饥	迹	滶	讥	鸡	姬	绩	缉	吉	极	棘	辑	籍	集
BC30	及	急	疾	汲	即	嫉	级	挤	几	脊	己	蓟	技	冀	季	伎
BC40	祭	剂	悸	济	寄	寂	计	记	既	忌	际	妓	继	纪	嘉	枷
BC50	夹	佳	家	加	荚	颊	贾	甲	钾	假	稼	价	架	驾	嫁	歼
BC60	监	坚	尖	笺	间	煎	兼	肩	艰	奷	缄	逬	检	柬	碱	硷
<u>B</u> C70	拣	捡	简	俭	剪	减	荐	槛	鉴	践	贱	见	键	箭	件	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
BD20		健	舰	剑	饯	渐	溅	涧	建	僵	姜	将	浆	江	疆	蒋
BD30	桨	奖	讲	匠	酱	降	蕉	椒	礁	焦	胶	交	郊	浇	骄	娇
B D 4 0	嚼	搅	铰	矫	侥	脚	狡	角	饺	缴	绞	剿	教	酵	轿	较
BD50	띠	窖	揭	接	皆	秸	街	阶	截	劫	节	桔	杰	捷	睫	竭
BD60	洁	结	解	姐	戒	藉	芥	界	借	介	疥	诫	屇	ψ	筋	斤
BD70	金	今	津	襟	紧	锦	仅	漌	进	靳	晋	禁	近	烬	浸	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	E	F
B E 2 0		尽	劲	荆	兢	茎	睛	譻	鲸	京	惊	精	粳	经	井	警
BE30	景	颈	静	境	敬	镜	径	痉	靖	竟	竞	净	炯	窘	揪	究
BE40	纠	玖	韭	久	灸	九	酒	厩	救	旧	臼	舅	咎	就	疚	鞠
BESO	拘	狙	疽	居	驹	菊	局	咀	矩	举	沮	聚	拒	据	巨	具
BE60	距	踞	锯	俱	句	惧	炬	剧	捐	鹃	娟	倦	眷	卷	绢	撅
BE70	攫	抉	掘	倔	爵	觉	决	诀	绝	均	菌	钧	军	君	峻	

0 1	2	3	4	-5	6	7	8	9	A	С	D	1 0	F

BF20	俊竣浚郡骏喀咖卡咯开揩	楷凯慨刊
BF30	堪勘坎砍看康慷糠扛抗亢炕:	考拷烤靠
BF40	坷苛柯棵 磕颗科壳咳可渴克	刻客课肯
BF50	啃垦恳坑吭空恐孔控抠口扣	寇枯哭窟
BF60	苦酷库裤夸垮挎跨胯块筷侩	快宽款匡
BF70	筐狂框矿眶旷况亏盔岿窥葵	奎魁傀

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
C 0 2 0		馈	愧	溃	坤	昆	捆	困	括	扩	廓	阔	垃	拉	喇	蜡
C 0 3 0	腊	辣	啦	莱	来	赖	蓝	婪	栏	拦	篮	阑	兰	澜	谰	揽
C 0 4 0	览	懶	缆	烂	滥	琅	榔	狼	廊	郎	朗	浪	捞	劳	牢	老
C 0 5 0	佬	姥	酪	烙	涝	勒	乐	雷	镭	蕾	磊	累	儡	垒	擂	肋
C 0 6 0	类	泪	棱	楞	袊	厘	梨	犁	黎	篱	狸	离	漓	理	李	里
C070	鲤	礼	莉	荔	吏	栗	NH	厉	励	砾	历	利	傈	例	俐	

	0 1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
C120	痢	立	粒	沥	隶	力	璃	哩	俩	联	莲	连	镰	廉	怜
C 1 3 0	涟帘	f敛	脸	链	恋	炼	练	粮	凉	梁	粱	良	两	辆	量
C140	晾亮	词	撩	聊	僚	疗	燎	寥	ï	潦	了	撂	镣	廖	料
C 1 5 0	列裂	烈	劣	猎	琳	林	磷	霖	临	邻	鳞	淋	凛	赁	吝
C 1 6 0	拎玲	菱	零	龄	铃	伶	羚	凌	灵	陵	岭	领	另	Ŷ	溜
C 1 7 0	琉棔	ዠ 硫	馏	留	刘	瘤	流	柳	六	龙	聋	咙	笼	窿	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	E	F
C 2 2 0		隆	垄	拢	陇	楼	娄	搂	篓	漏	陋	芦	卢	颅	庐	炉
C 2 3 0	掳	卤	虏	鲁	麓	碌	露	路	赂	鹿	潞	禄	录	陆	戮	驴
C 2 4 0	吕	铝	侣	旅	履	屡	缕	虑	氯	律	率	淲	绿	峦	挛	孪
C 2 5 0	滦	卵	乱	掠	略	抡	轮	伦	仑	沦	纶	论	萝	螺	罗	逻
C260	锣	箩	骡	裸	落	洛	骆	络	妈	麻	玛	码	蚂	马	骂	嘛
C 2 7 0	吗	埋	买	麦	卖	迈	脉	瞒	馒	蛮	满	蔓	曼	慢	漫	

	0	ľ	2	3	4	5	6	7	8	9	Α	B	С	D	E	F
C320		谩	芒	茫	盲	氓	忙	莽	猫	茅	锚	毛	矛	铆	卯	茂
C330	冒	帽	貌	贸	么	玫	枚	梅	酶	霉	煤	没	眉	媒	镁	每
C 3 4 0	美	眛	寐	妹	媚	门	闷	们	萌	蒙	檬	盟	锰	猛	梦	孟
C350	眯	醚	靡	糜	迷	谜	弥	米	秘	觅	泌	蜜	密	幂	棉	眠
C360	绵	冕	免	勉	娩	缅	面	苗	描	瞄	藐	秒	渺	庙	妙	蔑
C370	灭	.民	抿	m	敏	悯	闽	明	螟	鸣	铭	名	命	谬	摸	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	Ð	F
C420		摹	麔	模	膜	磨	摩	魔	抹	末	茣	墨	默	沫	漠	寞
C430	陌	谋	牟	某	拇	牡	亩	姆	母	墓	暮	幕	募	慕	木	目
C440	睦	牧	穆	拿	哪	呐	钠	那	娜	纳	氖	乃	奶	耐	奈	南
C450	男	难	囊	挠	脑	恼	闹	淖	呢	馁	内	嫩	能	妮	霓	倪
C460	泥	尼	拟	你	匿	腻	逆	溺	蔫	拈	年	碾	撵	捻	念	娘
C470	酿	鸟	尿	捏	聂	孽	啮	镊	镍	涅	您	柠	狞	凝	宁	

ESC/POS Command Specifications

	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1 2 3 4 5 6 7 8 9 A B C D E F
C 5 2 0	拧泞牛扭钮纽脓浓农弄奴努怒女暖	C B 2 0	恕刷耍摔衰甩帅栓拴霜双爽谁水睡
C530	虐疟挪懦糯诺哦欧鸥殴藕呕偶沤啪趴	<u>CB30</u>	税吮瞬顺舜说硕朔烁斯撕嘶思私司丝
C540	爬帕怕琶拍排牌徘湃派攀潘盘磐盼畔	CB40	死肆寺嗣四伺似饲巳松耸怂颂送宋讼
C 5 5 0	判叛乓庞旁耪胖抛咆刨炮袍跑泡呸胚	<u>CB</u> 5.0	诵搜艘擞嗽苏酥俗素速粟僳塑溯宿诉
C560	培裴赔陪配佩沛喷盆砰抨烹澎彭蓬棚	CB60	肃酸蒜算虽隋随绥髓碎岁穗遂隧祟孙
C 5 7 0	硼篷膨朋鹏捧碰坯砒霹批披劈琵毗	<u>CB70</u>	损笋蓑梭唆缩琐索锁所塌他它她塔

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0 1 2 3 4 5 6 7 8 9 A B C D E F
C620	啤脾疲皮匹痞僻屁譬篇偏片骗飘漂	CC20 獭挞蹋踏胎苔抬台泰酞太态汰坍摊
C630	瓢票撇瞥拼频贫品聘乒坪苹萍平凭瓶	CC30 贪瘫滩坛檀痰潭谭谈坦毯袒碳探叹炭
C 6 4 0	评屏坡泼颇婆破魄迫粕剖扑铺仆莆葡	CC40 汤塘塘堂棠膛唐糖倘躺淌趟烫掏涛滔
<u>C 6 5 0</u>	萻蒲埔朴 圃 普浦谱 曝瀑期欺栖 戚妻七	CC50 绦萄桃逃淘陶讨套特藤腾疼誊梯剔踢
C660	凄漆柒沏其棋奇歧畦崎脐齐旗祈祁骑	CC60 锑提题蹄啼体替嚏惕涕剃屉天添填田
C 6 7 0	起岂乞企启契砌器气迄弃汽泣讫掐	CC70 甜恬舔腆挑条迢眺跳贴铁帖厅听烃

	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1 2 3 4 5 6 7 8 9 A B C D E F
C720	恰治牵扦钎铅千迁签仟谦乾黔钱钳	C D 2 0	汀廷停亭庭挺艇通桐酮瞳同铜彤童
C730	前潜遣浅谴堑嵌欠歉枪呛腔羌墙蔷强	C D 3 0	桶捅筒统痛偷投头透凸秃突图徒途涂
C740	抢橇锹敲悄桥瞧乔侨巧鞘撬翘峭俏窍	CD40	屠土吐兔湍团推颓腿蜕褪退吞屯臀拖
C750	切茄且怯窃钦侵亲秦琴勤芹擒禽寝沁	CD50	托脱鸵陀驮驼椭妥拓唾挖哇蛙洼娃瓦
C760	青轻氢倾卿清擎晴氰情顷请庆琼穷秋	C D 6 0	袜歪外豌弯湾玩顽丸烷完碗挽晚皖惋
C770	丘邱球求囚酋泅趋区蛆曲躯屈驱渠	<u>CD70</u>	宛婉万腕汪王亡枉网往旺望忘妄威

	0	12	3	4	5	6	7	8	9	A	B	С	D	2	F
C820	J	仅娶	龋	趣	去	鼍	颧	权	醛	泉	全	痊	拳	犬	券
C830	劝卸	诀炔	瘸	却	鹊	榷	确	雀	裙	群	然	燃	冉	染	瓤
C840	壤	襄嚷	让	饶	抁	绕	惹	热	Ŧ	仁	人	忍	韧	任	认
C 8 5 0	刃如	モ纫	扔	仍	日	戎	茸	蓉	荣	融	熔	溶	容	绒	冗
C 8 6 0	揉刻	柔肉	茹	螭	儒	孺	如	辱	乳	汝	λ	褥	软	阮	蕊
C 8 7 0	瑞银	说闰	润	若	弱	撒	洒	萨	腮	鰓	塞	赛	Ξ	叁	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	Е	F					
C920		伞	散	桑	嗓	丧	搔	骚	扫	嫂	瑟	色	涩	森	僧	莎		Ċ	F 2	1	D
C930	砂	杀	刹	沙	纱	傻	啥	煞	筛	晒	珊	苫	杉	ш	删	煽		С	F 3	Ì	D
C940	衫	闪	陕	擅	赡	膳	善	汕	扇	缮	墑	伤	商	赏	晌	上		С	F 4		0
C 9 5 0	尚	裳	梢	捎	稍	烧	芍	勺	韶	少	哨	邵	绍	眘	赊	蛇		С	F 5	I	D
C960	舌	舍	赦	摄	射	慑	涉	社	设	砷	申	呻	伸	身	深	娠		С	F 6		D
C970	绅	神	沈	审	婶	甚	肾	搷	渗	声	生	甥	牲	升	绳			С	F 7	4	0

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	Ð	F
C A 2 0		省	盛	剩	胜	圣	师	失	狮	施	湿	诗	F	虱	+	石
C A 3 0	拾	时	什	食	蚀	实	识	史	矢	使	屎	驶	始	式	示	\pm
CA40	世	柿	事	拭	誓	逝	势	是	暙	噬	适	仕	侍	释	饰	氏
CA50	巿	恃	室	视	试	收	手	首	守	寿	授	倳	受	瘦	兽	蔬
CA60	枢	梳	殊	抒	输	叔	舒	淑	疏	书	赎	孰	熟	薯	暑	曙
CA70	署	퓁	黍	鼠	属	术	述	树	束	戍	竖	墅	庶	数	漱	

	0		2	3	4	5	6	7	8	9	A	В	С	D	E	F
C E 2 0		巍	微	危	韦	违	桅	围	唯	惟	为	潍	维	苇	萎	委
CE30	伟	伪	尾	纬	未	蔚	味	畏	胃	喂	魏	位	渭	谓	尉	慰
<u>CE40</u>	P	瘟	温	蚊	文	闻	纹	吻	稳	紊	问	嗡	翁	瓮	挝	蜗
<u>CE50</u>	涡	窝	我	斡	卧	握	沃	巫	呜	钨	乌	污	诬	屋	无	芜
CE60	梧	吾	旲	毋	武	Ŧ	捂	午	舞	伍	侮	坞	戊	雾	晤	物
<u>CE70</u>	勿	务	悟	误	昔	熙	析	西	硒	矽	晣	嘻	吸	锡	牺	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	10	F
F 2 0		稀	息	希	悉	膝	夕	惜	熄	烯	溪	汐	犀	檄	袭	席
F30	习	媳	喜	铣	洗	系	隙	戏	细	睶	虾	匣	霞	辖	暇	峡
F40	侠	狭	下	厦	夏	吓	掀	锨	先	仙	鲜	纤	咸	贤	衔	舷
F 5 0	闲	涎	弦	嫌	显	险	现	献	룏	腺	馅	羨	宪	陷	限	线
F60	相	厢	镶	香	箱	襄	湘	乡	翔	祥	详	想	响	享	项	巷
F70	橡	像	向	象	萧	硝	霄	削	哮	嚣	销	消	宵	淆	晓	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
D020		小	孝	校	肖	啸	笑	效	楔	些	歇	蝎	鞋	协	挟	携
D030	邪	斜	胁	谐	写	械	卸	蟹	懈	泄	泻	谢	屑	薪	芯	辝
D040	欣	辛	新	忻	心	信	鲜	星	腥	猩	惺	ж	刑	型	形	郉
D050	行	醒	幸	杏	性	姓	兄	凶	胸	匈	汹	雄	熊	休	修	羞
$\mathbf{D}060$	朽	嗅	锈	秀	袖	绣	墟	戌	需	虚	嘘	须	徐	许	蓄	酗
D070	叙	旭	序	畜	恤	絮	婿	绪	续	轩	喧	宣	悬	旋	玄	

	•	
	0 1 2 3 4 5 6 7 8 9 A B C D E F	0 1 2 3 4 5 6 7 8 9 A B C D E F
D120	选癣眩绚靴薛学穴雪血勋熏循旬询	D720 住注祝驻抓爪拽专砖转撰赚篆桩庄
D130	寻驯巡殉汛训讯逊迅压押鸦鸭呀丫芽	D730 装妆撞壮状椎锥追赘坠缀谆准捉拙卓
D140	牙蚜崖衙涯雅哑亚讶焉咽阉烟淹盐严	D740 桌琢茁酌啄着灼浊兹咨资姿滋淄孜紫
D150	研蜒岩延言颜阎炎沿奄掩眼衍演艳堰	D750 仔籽滓子自渍字鬃棕噼宗综总纵邹走
D160	燕厌砚雁唁彦焰宴谚验殃央鸯秧杨扬	D760 奏揍租足卒族祖诅阻组钻纂嘴醉最罪
D170	佯疡羊洋阳氧仰痒养样漾邀腰妖瑶	D770 尊遵昨左佐柞做作坐座

	U.	2	3	4	Э	b	/	ð	9	Α	в	\mathbf{C}	\mathbf{D}	Ŀ	F
D220	拍	醫尧	遥	窑	谣	姚	咬	舀	药	要	耀	椰	噎	耶	爷
D230	野花	台也	页	掖	亚	旪	曳	腋	夜	液	-	壹	医	揖	铱
D240	依住	甲衣	颐	夷	遗	移	仪	胰	疑	沂	宜	姨	彝	椅	蚁
D250	倚Ē	ΞZ	矣	以	艺	抑	易	邑	屹	亿	役	臆	逸	肄	疫
D260	亦了	皆意	毅	忆	义	益	溢	诣	议	谊	译	异	翼	뀦	绎
D270	茵	第 因	殷	音	阴	姻	吟	银	淫	寅	饮	尹	引	隐	

	0	1	2	3	4	5	6	7	8	9	Α	B	\mathbf{C}	D	E	F
D320		印	英	櫻	뿇	鹰	应	缨	莹	萤	营	荧	蝇	迎	赢	盈
D330	影	颖	硬	映	哟	拥	佣	臃	痈	庯	雍	踊	蛹	咏	泳	涌
D340	永	恿	勇	用	幽	优	悠	忧	尤	由	邮	铀	犹	油	游	酉
D350	有	友	右	佑	釉	诱	叉	幼	迂	淤	于	盂	榆	虞	愚	舆
D360	余	俞	逾	鱼	愉	渝	渔	隅	予	娱	雨	与	屿	禹	宇	语
D370	羽	玉	域	芋	郁	吁	遇	喻	峪	御	愈	欲	狱	育	誉	

	0 1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
D420	ži	谷寓	裕	预	豫	驭	鸳	渊	冤	元	垣	袁	原	援	辕
D430	园り	圆词	猿	源	缘	远	苑	愿	怨	院	曰	约	越	跃	钥
D440	岳	₿月	悦	阅	耘	궀	郧	匀	陨	允	运	蕴	酝	晕	韵
D450	孕回	E砸	杂	栽	哉	灾	宰	载	再	在	咱	攒	暂	赞	賍
D460	脏豸	車遭	糟	凿	藻	枣	早	澡	蚤	躁	噪	造	皂	灶	燥
D470	责打	¥则	泽	贼	怎	增	憎	曾	赠	扎	喳	渣	札	轧	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ð	F
D520		铡	闸	眨	栅	榨	咋	乍	炸	诈	摘	斋	宅	窄	债	寨
D530	瞈	毡	詹	粘	沾	盏	斩	辗	崭	展	蘸	栈	占	战	站	湛
D540	绽	樟	章	彰	漳	张	掌	涨	杖	丈	帐	账	仗	胀	瘴	障
D550	招	昭	找	沼	赵	照	罩	兆	肇	召	遮	折	哲	蛰	辙	者
D560	锗	蔗	这	浙	珍	斟	真	甄	砧	臻	贞	针	侦	枕	疹	诊
D570	震	振	镇	阵	蒸	挣	睁	征	狰	争	怔	整	拯	Æ	政	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
D620		帧	症	郑	证	芝	枝	支	吱	蜘	知	肢	脂	汁	Ż	织
D630	职	直	植	殖	执	值	侄	址	指	ıŁ	趾	只	旨	纸	志	挚
D640	掷	至	致	置	帜	峙	制	智	秩	稚	质	炙	痔	滞	治	窒
D650	中	盅	忠	钟	衷	终	种	肿	重	仲	众	舟	周	州	洲	诌
D660	粥	轴	肘	帚	咒	钹	宙	髶	骤	珠	株	蛛	朱	猪	诸	诛
D670	逐	竹	烛	煮	拄	瞩	嘱	主	著	柱	助	蛀	贮	铸	筑	

D 8 5 0 D 8 6 0 D 8 7 0	匦匮匾赜卦卣 刘刎别刳刿剀剌剞剡 剜蒯剽劂劁劐劓冂罔亻仃仉仂仨仡仫 仞伛仳伢佤仵伥伧伉伫佞佧攸佚佝
	UIZ3436789ABCDEF
D920	佟佗伲伽佶佴侑侉侃侏佾佻侪佼侬
D930	侔俦俨俪俅俚俣俜俑俟俸倩偌俳倬倏
D940	倮倭俾倜倌悾倨偾偃偕偈偎偬偻傥傧

D840 乩亓芈孛啬嘏仄厍厝厣厥厮靥赝匚叵

3 4 5 6 7 8 9 A B C D E F

宁丌兀丐廿卅丕亘丞鬲孬噩 | 禺 / 匕乇夭爻卮氐囟胤馗毓睾鼗、亟鼐乜

0 1

D820

D830

2

0750	件内,顺体在沃特浦沃泽俱拓排华侠
D940	倮倭俾倜倌倥倨偾偃偕偈偎偬偻傥傧
D950	傩傺僖儆僭僬僦僮儇儋仝氽佘佥俎龠
D960	氽籴兮巽黉馘冁夔勹匍訇匐凫夙兕 亠
D970	充毫衮袤亵脔裒禀嬴嬴嬴? 冱冽冼

	0	1	2	3	4	5	6	7	8	9	Α	В	Ċ	D	E	\mathbf{F}
DA20		凇	, ,	冢	冥	ì	讦	ï	讪	讴	讵	讷	诂	诃	诋	诏
DA30	诎	诒	诓	诔	诖	诘	诙	诜	诟	诠	诤	诨	诩	诮	诰	诳
DA40	诶	诹	诼	诿	谀	谂	谄	谇	谌	谏	谑	谒	谔	谕	谖	谙
DA50	谛	谘	谝	谟	谠	谡	谥	谧	谪	谫	谮	谯	谪	谳	谵	谶
DA6 0	þ	卺	ß	阢	阡	阱	阪	阽	阼	陂	陉	陔	陟	隉	陬	陲
DA70	陴	隈	隍	隗	隰	邗	邛	邝	Ċβ	邬	邡	邴	邳	邶	邺	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
DB20		邸	邰	郏	郅	邾	郐	郄	郇	郓	郦	郢	郜	郗	郛	郫
DB30	郯	郾	鄄	鄢	鄞	鄣	鄱	鄯	鄹	酃	酈	刍	奂	劢	劬	劭
D B 4 0	劾	哿	勐	勖	勰	叟	燮	矍	Ł	Ц	凼	鬯	4	弁	畚	巯
DB 5 0	坌	垩	垡	塾	墼	壅	壑	圩	圬	圪	圳	圹	圮	圯	坜	圻
DB60	坂	坩	垅	坫	垆	坼	坁	坨	坭	坶	坳	垭	垤	垌	垲	埏
DB7 0	垧	垴	垓	垠	埕	埘	埚	埙	埒	垸	埴	埯	埸	埤	埝	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	E	F
DC20		堋	堍	埽	埭	堀	堞	堙	塄	堠	塥	塬	墁	墉	墚	墀
DC30	馨	鼙	懿	++•	艽	艿	芏	芊	芨	芄	芎	芑	芗	芙	尭	芸
DC40	芾	芰	苈	苊	苣	芘	芷	芮	苋	苌	苁	芩	芴	芡	芪	芟
DC 5 0	苄	苎	芤	苡	苿	苷	苤	茏	茇	苜	苴	苒	苘	茌	苻	苓
DC60	茑	茚	茆	茔	茕	苠	苕	茜	荑	荛	萆	茈	莒	茼	茴	茱
DC70	莛	养	茯	荏	荇	荃	荟	荀	茗	荠	茭	茺	茳	荦	荥	

	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1 2 3 4 5 6 7 8 9 A B C D E F	
DD20	尊莨荩荬荪荭荮莰荸莳莴莠莪莓莜	E320	恪恽悖悚悭悝悃悒悌悛惬悻悱惝惘	
DD30	莅茶莶莩荽莸荻莘莞莨莺莼菁萁菥菘	E330	惆惚悴愠愦愕愣惴愀愎傃慊慵憬憔憧	
DD4 0	堇萘萋菝菽菖萜萸萑萆菔菟萏萃菸菹	E340	憷懔懵忝隳闩闫闱闳闵闶闼闾阃阆阆。	
DD50	菪菅菀萦菰菡葜葑葚葙葳蒇蒈葺蒉葸	E350	阈 闾阋阌阍阏阒阕阖阗阙阏 丬爿戕氵	
DD6 0	竱葆葩葶蒌蒎萓葭蓁蓍蓐蓦蒽蓓嵡蒿	E360	汔 汜汊沣沅沐沔沌汨汩汴汶沆沩泐泔	
DD7 0	蒺蓠蒡兼蒴蒗蓥蓣蔌甍蔸蓰蔹蔟蔺	E 3 7 0	沭泷泸泱泗沲泠泖泺泫泮沱泓泯泾	

	0	1_	2	3	4	5	6	7	8	9	Α	B	С	D	3	F
DE20		癛	蔲	蓿	錃	蕙	臷	嶡	蕤	蕞	嶯	瞢	蕃	蕲	蕻	薤
DE30	薨	薇	薏	蕹	薮	薜	薅	薹	薷	薰	藓	藁	藜	藿	蘧	蘅
DE40	蘩	糵	蘼	ተ	弈	夼	奁	耷	奕	奚	奘	匏	九	尥	尬	尴
DE50	ŧ	扪	抟	抻	拊	拚	拗	拮	挢	拶	挹	捋	捃	掭	揶	捱
DE60	捺	掎	掴	捭	掬	掊	捩	掮	掼	捰	揸	揠	揿	揄	揞	揎
DE70	摒	揆	掾	摅	摁	搋	搛	搠	搌	搦	搡	摞	撄	摭	撖	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	E	F
DF20		摺	撷	擼	撙	撺	擀	擐	擗	擤	擢	攉	攐	攮	弋	汯
DF30	扺	弑	卟	叱	叽	叩	叨	叻	吒	٩Y	吆	呋	呒	呓	呔	呖
DF40	呃	吪	呗	呙	吣	吲	咂	咔	呷	呱	呤	昸	咛	昢	呶	呦
DF50	咝	哐	咭	哂	唊	哒	咧	咦	哓	哔	呲	咣	哕	咻	咿	哌
DF60	哙	哚	哜	咩	咪	咤	哝	哏	哞	唛	嚇	唠	哽	晤	嘶	唢
DF70	唣	唏	唑	唧	唪	啧	喏	喵	啉	啭	啁	哅	唿	啐	唼	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	E	F
E020		唷	啖	啵	啶	啷	唳	唰	啜	喋	嗒	喃	喱	喹	喈	喁
E030	喟	啾	嗖	喑	啻	嗟	喽	喾	喔	喙	嗪	嗷	嗉	嘟	嗑	嗫
E040	嗬	嗔	嗦	嗝	嗄	嗯	暤	嗲	嗳	嗌	嗍	嗨	嗵	嗤	辔	嘞
E050	嘈	嘌	嘁	嘤	嘣	嗾	嘀	嘧	嘭	噘	嘹	噗	嘬	噍	噢	噙
E060	嚕	噌	噔	嚆	噤	噱	噫	噻	噼	嘺	嚓	嚯	囔	П	囝	囡
E070	仑	勿	囹	囿	圕	圕	蟗	圜	帏	帙	帔	帑	帱	帻	帼	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
E 1 2 0		帷	幄	幔	幛	幞	幡	岌	屺	岍	岐	岖	岈	岘	岙	岑
E130	岚	岜	岵	岢	岽	岬	岫	岱	峋	峁	岷	峄	峒	峤	峋	峥
E140	崂	崃	崧	崦	崮	崤	崞	崆	崛	嵘	崾	崴	崽	嵬	嵛	嵯
E150	嵝	嵫	嵋	嵊	嵩	嵴	嶂	嶙	嶝	豳	嶷	巔	彳	彷	徂	徇
E160	徉	後	徕	徙	徜	徨	徭	徵	徴	衢	纱	犭	犰	犴	犷	犸
E 1 7 0	狃	狁	狎	狍	狒	狨	狯	狩	狲	狴	狷	猁	狳	猃	狺	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	3	F
E 2 2 0		狻	猗	猓	猡	猊	猞	猝	猕	猢	猹	猥	猬	猸	猱	獐
E 2 3 0	獍	獗	獠	獬	獯	獾	舛	夥	飧	夤	夂	t	饧	饨	饩	饪
E 2 4 0	饫	饬	饴	饷	饽	馀	馄	馇	馊	馍	馐	馑	馓	馔	馕	庀
E 2 5 0	庑	庋	庖	庥	庠	庹	庵	庾	庳	赓	廒	廑	廛	廨	廪	膺
E260	忄	忉	忖	忏	怃	忮	怄	忡	忤	忾	怅	怆	忪	忭	怚	怙
E 2 7 0	怵	怦	怚	快	怍	怩	怫	怊	怿	怡	恸	恹	恻	恺	恂	

ESC/POS	Com	nman	d Sp	pecifi	catio	ns	

.

E 4 3 0 浒浔洳涑浯涞涠浞涓涔浜浠浼浣渚淇 E 4 4 0 淅淞 渎涿淠渑淦淝淙渖涫渌涮渫湮湎 E 4 5 0 湫溲湟溆湓湔渲渥湄艵溱濜滠漭滢溥 E 4 6 0 深溽溻溷滗溴滏溏滂溟潢潆潇漤漕滹 E 4 7 0
E 4 3 0 浒浔洳涑浯涞涠浞涓涔浜浠浼浣渚淇 E 4 4 0 淅淞 法涿淠渑淦淝淙渖涫渌涮渫湮湎 E 4 5 0 湫溲湟溆湓湔渲渥湄艵溱濜慿漭滢溥
E430
E430 浒浔洳涑浯涞涠浞涓涔浜浠浼浣渚淇

123456789ABCDEF 洹洧洌浃浈洇洄洙洎洫浍洮洵洚浏

0 1

E420

E520	濉禮澹澶濂濡襥襣譹濯瀚瀣灜瀹	溑
E530	灏灞一宄宕宓宥宸甯骞搴寤寮褰寰	蹇
E540	謇辶迓迕迥迮迤迩迦迳迨逅逄逋逦	逑
E550	逍逖逡逵逶谊逯遄遑道遐遨遘遢遛	暹
E560	遴遽邂邈邃邋彐彗彖彘尻咫屐屙孱	屣
E570	屦羼弪弩弭艴酹鬻屮妁妃妍妩妪妣	

	0	1	2	3	4	5	6	7	8	9	A	B	Ċ	D	E	F
E620		妗	姊	妫	妞	妤	姒	姐	妯	姗	妾	娅	娆	姝	娈	姣
E630	姘	姹	娌	娉	娲	娴	娑	娣	娓	婀	婧	婊	婕	娼	婢	婵
E640	胬	媪	媛	婷	婺	媾	嫫	媲	媛	嫔	媸	嫠	嫣	嫱	嫖	嫦
E650	嫘	嫜	嬉	媗	嬖	嬲	嬷	嫞	尕	尜	孚	孥	孽	孑	7	孢
E660	狙	骃	驸	驺	驿	驽	骀	骁	骅	骈	骊	骐	骒	骓	骖	骘
E670	骛	骜	骝	骟	骠	骢	骣	骥	骧	¥	纡	纣	纥	纨	纩	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
E720		纭	纰	纾	绀	绁	绂	绉	绋	绌	绐	绔	绗	绛	绠	绡
E730	绨	绫	绮	绯	绱	绲	缍	绶	绺	绻	绾	缁	缂	缃	缇	缈
E740	缋	缌	缏	缑	缒	缗	缙	缜	缛	缟	缡	缢	缣	缤	缥	缦
E750	缧	缪	缫	缬	缭	缯	缰	缱	缲	缳	缵	幺	畿	«	甾	邕
E760	IJ	玑	玮	玢	玟	珏	珂	珑	玷	玳	珀	珉	珈	珥	珙	顼
E770	琊	珩	珧	珞	玺	珲	琏	琪	瑛	琦	琥	琨	琰	琮	琬	

	0	1	2	3	4	5	6	7	8	9	Α	B	\mathbf{C}	D	Ð	F
E820		琛	琚	瑁	瑜	瑗	瑕	瑙	瑷	瑭	瑾	璜	瓔	璀	璁	璇
E830	璋	璞	璨	璩	璐	璧	瓒	璺	韪	韫	韬	杌	杓	杞	杈	杩
E840	枥	枇	杪	杳	枘	枧	杵	枨	枞	枭	枋	杷	杼	柰	栉	柘
E 8 5 0	栊	柩	枰	栌	柙	枵	柚	枳	柝	栀	柃	枸	柢	栎	柁	柽
E860	栲	栳	桠	桡	桎	桢	桄	桤	梃	栝	桕	桦	桁	桧	桀	栾
E 8 7 0	桊	桉	栩	梵	梏	桴	桷	梓	桫	棂	楮	棼	椟	椠	棹	

	U.		2	3	4	5	6	7	8	9	Α	В	С	D	3	F
E920		椤	棰	椋	椁	楗	棣	椐	楱	椹	楠	楂	棟	榄	楫	榀
E930	榘	楸	椴	槌	榇	榈	槎	榉	椬	楣	楹	榛	榧	榻	榫	榭
E940	槔	榱	槁	槊	槟	榕	槠	榍	槿	樯	槭	樗	樘	橥	槲	橄
<u>E950</u>	樾	檠	橐	橛	樵	檎	橹	樽	樨	橘	橼	檑	檐	檩	檗	檫
<u>E960</u>	猷	獒	殁	殂	殇	殄	殒	殓	殍	殚	殛	殡	殪	轫	轭	轱
<u>E970</u>	轲	轳	轵	轶	轸	轷	轹	轺	轼	轾	辁	辂	辄	辇	辋	

	U	1	2	3	4	5	6	7		9	Α	В	С	D	E	F	1
EF20		铩	铫	铮	铯	铳	铴	铵	铷	铹	铼	铽	铿	锃	锂	锆	•
EF30	锇	锉	锊	锍	锎	锏	锒	锓	锔	锕	锖	锘	锛	锝	锞	锟	
EF40	锢	锪	锫	锩	锬	镏	锲	锴	锶	锷	锸	锼	锾	锿	镂	锵	4 7
EF 5.0	镄	镅	镆	镉	镌	镎	镏	镒	镓	镔	镖	镗	镘	镙	鏞	镞	
EF60	镟	镝	镡	镢	镤	镥	镦	镧	镨	镩	镪	镫	镬	镯	镱	镣	
<u>E F 7 0</u>	镳	锺	矧	矬	雉	秕	秭	秣	秫	稆	嵇	稃	稂	稞	稔		

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ð	F
EA20	1	锻轧	淄	凑	辘	辚	軎	戋	戗	戛	戟	戢	戡	戥	戤	戬
E A 3 0	臧	瓯钅	瓶	瓹	甏	甑	甓	攴	旮	旯	盰	狊	昙	杲	昃	昕
EA40	的	炅	曷彳	皆	昴	昱	昶	昵	耆	晟	晔	晁	晏	晖	晡	晗
E A 5 0	晷	谊	睽₩	愋	瞑	暾	矄	曜	曦	曩	贲	贳	贶	贻	贽	赀
EA60	赅	限贝	娠]	贵	赇	赍	赕	赙	觇	觊	觋	觌	觎	觏	觐	觑
<u>EA</u> 70	牮	糧省	化 1	ŧ	牯	牾	牿	犄	犋	犍	犏	犒	挈	軰	掰	

	0	1	2	3	4	5	6	7	8	9	Α	B	С	Đ	Ε	F
EB20		搿	擘	耄	毪	毳	毽	毵	毹	氅	氇	氆	氍	氕	氘	氙
E B 3 0	氚	氡	氩	氤	氪	氲	攵	敕	敫	牍	牃	牖	爱	號	刖	肟
EB40	肜	肓	肼	貦	肽	肱	肫	肭	肴	肷	胧	胨	胩	胪	胛	胂
EB50	冑	胙	胍	胗	胊	胝	胫	胱	胴	胭	脍	脎	胲	胼	朕	脒
EB60	豚	脶	脞	脬	脘	脲	腈	腌	腓	腴	腙	腚	腱	腠	腩	腼
EB70	腽	腭	腧	塍	媵	膈	膂	膑	滕	膣	膪	臌	朦	臊	膻	

	0	1	2	3	4	5	6	7	8	9	А	В	Ĉ	D	Ð	F
EC20		臁	膦	欤	欷	欹	歃	歆	歙	飑	飒	飓	飕	飙	飚	殳
EC30	彀	毂	觳	燛	齑	斓	於	旆	旄	旃	旌	旎	旒	旖	炀	炜
EC40	炖	炝	炻	烀	炷	炫	炱	烨	烊	焐	焓	焖	焯	焱	媩	煜
EC50	煨	煅	煲	煊	煸	煺	熘	熳	熵	熨	熠	燠	燔	燧	燹	爝
EC60	爨	<i>1</i> m	焘	煦	熹	戾	戽	扇	扈	屝	礻	祀	祆	祉	祛	祜
EC70	袚	祚	袮	袛	祠	祯	祧	褀	禅	褉	禚	禧	禳	宁	忐	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
ED20		怼	恝	恚	恧	恁	恙	恣	悫	愆	愍	慝	憩	憝	懋	懘
ED30	戇	肀	聿	沓	泶	淼	矾	矸	砀	寿	砗	砘	砑	斫	砭	砜
E D 4 0	砝	砹	砺	砻	砟	砼	砥	砬	砣	砩	硎	硭	硖	硗	砦	硐
E D 5 0	硇	硌	硪	碛	碓	碚	碇	碜	碡	碣	碲	碹	碥	磔	磙	磉
<u>E D 6 0</u>	磬	磲	礅	磴	礓	礤	礞	礴	龛	黹	黻	黼	盱	眄	眍	盹
<u>E D7 0</u>	眇	眈	眚	眢	眙	眭	跐	眵	眸	睐	睑	睇	睃	睚	睨	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ð	F
EE20		睢	睥	睿	瞍	睽	瞀	瞌	瞑	瞑	瞠	瞰	瞵	瞽	町	
EE30	畎	畋	畈	畛	畲	畹	疃	罘	罡	罟	뿔	罨	罴	罱	罹	羁
<u>EE40</u>	罾	盍	盥	蠲	钅	钆	钇	钋	钊	钌	钍	锏	钐	钔	钗	钕
<u>EE50</u>	钚	钛	钜	钣	钤	钫	钪	钭	钬	钯	钰	钲	钴	钶	钷	钸
<u>EE60</u>	钹	钺	钼	钽	钿	铄	铈	铉	铊	铋	铌	铍	铎	铐	铑	铒
<u>EE70</u>	铕	铖	铗	铙	铘	铛	铞	铟	铠	铢	铤	铥	铧	铨	铪	

F020	稹稷穑黏馥穰皈皎皓皙皤瓞瓠 甬鸠
F030	鸢鸨鸠鸪鸫鸬鸲鸱鸶鸸鹭鸹鸺鸾鹁鹛
F040	鹄鹆鹇鹈鹉鹋鹌鹎鹑鹕鹗鹚鹛鹜鹞鹣
F050	鹦鹉鹨鹩鹪鹫鹬鹱鹭鹳疒疔疖疠疝疬
F060	疣疳疴疽痄疱疰痃痂痖痍痣痨痦痤痫
F070	痧瘃痱痼痿瘐瘀瘅痢瘗瘊瘥瘘瘕瘙

0 1 2 3 4 5 6 7 8 9 A B C D E F

	0	1	2	3	4	5	6	7	8	9	Α	B	С	D	Ē	F
F120		瘛	瘼	瘢	瘠	癀	瘭	瘰	瘦	瘵	癃	瘾	寥	癍	癞	癔
F130	癜	癖	癩	癯	翊	竦	穸	穹	窀	窆	窈	窕	窦	窠	窬	窨
F140	窭	窳	衤	衩	衲	衽	衿	袂	祥	裆	袷	袼	裉	裢	裎	裣
F150	裥	裱	褚	裼	裨	裾	裰	榙	禙	褓	褛	褊	褴	禠	褶	襁
F160	襦	襻	疋	胥	皲	皴	矜	耒	耔	耖	耜	耠	耢	耥	耦	耧
F170	耩	耨	耱	耋	耵	聃	聆	聍	聒	聩	聱	覃	顸	颀	颃	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
F220		颉	颌	颍	颏	颔	颚	颛	颞	颟	颡	颢	颥	堑	虍	虔
F230	虬	虮	虿	虺	虼	虻	蚨	蚍	蚋	蚬	蚝	蚧	蚣	蚪	蚓	串
F 2 4 0	蚶	蛄	蚵	蛎	蚰	蚺	蚱	蚯	蚙	蛏	蚴	蛩	蛱	蛲	蛭	癫
F 2 5 0	蚰	蜓	蛞	蛴	蛟	蛘	蛑	蜃	蜤	蛸	蜈	蜊	蜍	蜉	蜣	蜻
F260	蜞	蜥	蜮	蜚	蜾	蝈	蜴	蜱	蜩	蜷	蜿	螂	蜢	蝽	蝾	蝻
F 2 7 0	蝠	蝰	蝌	蝮	螋	蜦	蝣	蝼	蝤	蝙	蝵	螓	螯	螨	蟒	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
F320		蟆	螈	螅	螭	螗	螃	螯	蟦	螬	螵	螳	蟋	蟓	螽	蟑
F330	蟀	蟊	蟛	蟪	蟠	蟮	蠖	蠓	蟾	蠊	蛾	蠡	蠹	蠼	缶	罌
F340	罄	鏬	舐	竺	竽	笈	笃	笄	笕	笊	笫	笏	筇	笸	笡	笙
F 3 5 0	笮	笱	笠	笥	笤	笳	笾	笞	筘	筚	筅	筵	筌	箏	筠	筮
F360	筻	筢	筲	筱	箐	箦	箧	箸	箬	箝	箨	箅	箪	箜	箢	箫
F370	箴	篑	篂	篌	篝	篚	篥	篦	篪	簌	篾	篼	簏	簖	簋	

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Ð	E.
F420		簞	簮	簦	簸	籁	籀	臾	舁	舂	舄	泉	衄	舡	舢	舣
F430	舭	舯	舨	舫	舸	舻	舳	舴	舾	艄	艉	艋	艏	艚	艟	朦
F440	衾	袅	袈	裘	裟	襞	羝	羟	羧	羯	羰	羲	籼	敉	粑	粝
F450	粜	粞	粢	粲	粼	粽	糁	糇	糌	糍	糈	糅	糗	糨	艮	墅
F460	羿	翎	翕	翥	翡	翦	翩	翮	翳	糸	絷	綦	繴	繇	燾	麸
F470	麴	赳	趄	趔	趑	趱	赧	赭	豇	豉	酊	酑	酎	酏	酤	

0 1 2 3 4 5 6 7 8 9 A B C D E F

F520	Ē	乍酡	酰	酩	酯	酽	齫	酲	酴	酹	醌	醅	醐	醍	醑
F530	醢	唐醪	醭	醮	醯	醵	醴	醺	豕	鹾	趸	跫	踅	蹙	蹩
F540	趵顕	及趼	趺	跄	跖	跗	跚	跞	跎	跏	跋	跆	跬	跷	跸
F550	跣踃	t跻	跤	踉	跽	踔	踝	踟	踬	踮	踣	踯	踺	蹀	踹
F560	踵踃	禹踱	蹉	蹁	蹂	蹑	蹒	蹊	蹰	蹶	蹼	蹯	蹴	躅	躪
F570	躔趶	巤躜	躞	豸	貂	貊	貅	貘	貔	斛	觖	觞	觚	觜	

0 1 2 3 4 5 6 7 8 9 A B C D E F

F620	觥	觫觯	曾誉	齾	靓	雩	雳	雯	霓	霁	霈	霏	霎	霮
F630	霭霰	霾龀	龃	龅	龆	魮	龈	龉	齪	齷	黾	鼋	鼍	隹
F640	隼隽	雎甾	瞿瞿	雠	꿒	銮	鋈	銴	鏊	鏊	鎏	鐾	鑫	鱿
F650	鲂鲅	鲆鱼	鲈	稣	鉜	鲎	鲐	鮭	鮚	鲔	鲕	鲚	餃	鲞
F660	鲟鲠	鲡鲜	鰹	鲥	鲦	鲧	鲨	鲩	鲫	鯖	鲮	鲰	鯡	鲲
F670	鲳鲷	鲵鲓	;鲷	鲺	鲻	鲼	鯕	鰐	鳅	鳆	鳇	鳊	鳋	

				0	1	2	3	4	5	6	7	8	9	A	B	С	D	E	F
F	7	2	0		鳌	鰭	鳎	鳏	鳐	鳓	鳔	鱈	鮼	鳘	鳙	鳜	鳝	鳟	鳢
F	7	3	0	靼	鞅	鞑	鞒	鞔	鞯	鞫	鞣	鞲	鞴	骱	骰	骷	鹘	骶	骺
F	7	4	0	骼	餜	髀	髅	髂	髋	髌	觸	魅	魃	魇	慙	魈	魍	魑	飨
F	7	5	0	餍	餮	뿇	饔	彰	髧	閐	髯	髫	髻	髭	髹	鬈	鬏	鬓	鬟
F	7	6	0	鬣	麼	麾	縻	麂	穈	麈	麇	麒	麈	麝	麟	黛	黜	黝	點
F	7	7	0	黟	黢	黩	黧	黥	黪	黯	鼢	鼬	鼯	鼹	騱	鼽	鼾	齄	

5-4 **Taiwanese Language Codes**

	0123456789ABCDEF
A440	一乙丁七乃九了二人儿入八几刀刁力
A450	七十卜又三下丈上丫丸凡久么也乞于
A460	亡兀刃勺千叉口土士夕大女子孑孓寸
A470	小尤尸山川工己已巳巾千廾弋弓才
A480	
A = 490	
A4A0	丑丐不中丰丹之尹予云井互五亢仁
A + B O	什仃仆仇仍今介仄元允内六兮公冗凶
A + C = 0	分切刈匀勾勿化匹午升卅卞厄友及反
$A \downarrow D 0$	壬天夫太夭孔少尤尺屯巴幻廿弔引心
A + E O	戈戶手扎支文斗斤方日曰月木欠止歹
$A \downarrow F 0$	毋比毛氏水火爪父爻片牙牛犬王丙

A590

A 6 +A65A 6 6 A 6 7 A68

0123456789ABCDEF

A140	, 、 。 · ; : ? ! : ·····, 、 .
A150	$(\cdot, \cdot) : : : : - - _] _ () \sim$
A160	✓ {} ~~ () ~ () ~ () ~ ()
A170	ᢟ<>ᆻ ^{ᄿᆞ} ᆡᆿᆆᄔ ᆙ ᇕᆿᄤ ()
A180	
A190	
A1A0	{} () '' "" " " [~] [~] #& *
A1B0	⋇§лО●△▲◎☆★◇◆□■▽▼
A1C0	@%~~# & X +
A1D0	×÷±√<>=≦≧≠∞≒≡+-
A 1 E O	$\langle \ \rangle = \sim \cap \cup \perp \angle \sqcup \bigtriangleup \log \ln \int \oint \because \therefore$
A1F0	₽♂⊕⊙↑↓←→↖↗⇙↘▮│╱
	0123456789ABCDEF
A240	\/ \\$ ¥〒₡£%@℃℉\$ % @ щì
A250	mmcmkmKMm²mgkgcc。
A260	瓩糎
A270	▋ ┿┷┯┥┝ ^{╼╼} ╾│ ╽┍┑┕┙╭
A_{280}	
<u>A290</u>	
A2A0	\
A2B0	123456789IIIIVVVIVI
$A \ge C 0 $	MEXX丨刂刂×&~~兰文十艹卌A
A2D0	BCDEFGHIJKLMNOPQ
A2E0	RSTUVWXYZabcdefg
A2F0	hijklmnopqrstuv
	0123456789ABCDEF
A 3 4 0	w x y z Α Β Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ
A 3 5 0	ΝΞΟΠΡΣΤΥΦΧΨΩαβγδ
<u>A 3 6 0</u>	εζηθικλμνξοπρστυ
<u>A370</u>	$\phi_{\mathcal{X}}\psi_{\omega}$ つタロビカオろ为くろ厂
A380	
A 3 9 0	
A3A0	リくT坐彳尸回PちムYごさせ あ
<u>A 3 B 0</u>	へ幺又马与尤∠ルー×凵・ ノノ丶
A3C0	
<u>A 3 D 0</u>	
A3E0	
A3F0	

	<u>0123456789ABCDEF</u>
A540	世丕且丘主乍乏乎以付仔仕他仗代令
A550	仙仞充兄冉冊冬凹出凸刊加功包匆北
A560	匝仟半卉卡占卯卮去可古右召叮叩叮
A570	叼司叵叫另只史叱台句叭叻四囚外
A580	

A5A0央失奴奶孕它尼巨巧左市布平幼弁 A5B0弘弗必戊打扔扒扑斥旦术本未末札正 A5C0母民氐永汁汀氾犯玄玉瓜瓦甘生用甩 A5D0田由甲申疋白皮皿目矛矢石示禾穴立 A5E0 丞丢乒乓乩亙交亦亥仿伉伙伊伕伍伐 A5F0休伏仲件任仰仳份企伋光兇兆先全

	0123456789ABCDEF
0	共再冰列刑划刎刖劣匈匡匠印危吉吏
0	同吊吐吁时各向名合吃后吆吒因回囝
0	圳地在圭圬圯圩夙多夷夸妄奸妃好她
0	如妁字存宇守宅安寺尖屹州帆并年
0	

A 6 9 0A6A0式弛忙忖戎戌成成扣扛托收早旨旬 A 6 B 0旭曲曳有朽朴朱朵次此死氛汝汗汙江 $A \oplus C O$ 池汐汕污汛汛汛灰车北百竹米糸缶羊 A 6 D 0羽老考而耒耳聿肉肋肌臣自至臼舌舛 $A \in E O$ 舟艮色艾虫血行衣西阡串亨位住佇佗 $A \in F \cap$ 佞伴佛何佶佐佑伽伺伸佃佔似但佣

0123456789ABCDEF A740作你伯低伶余佝佈佚兌克免兵冶冷別 A750 判利刪刨劫助努劬匣即卵吝吭吞吾否 呎吧呆呃吴呈吕君吩告吹吻吸吮吵呐 A760A770吠吼呀吱含吟听囪困囤囫坊坑址坍 A780

A790A7A0均坎圾坐坏圻壯夾妝妒妨妞妣妙妖 A7B0妍妤妓妊妥孝孜孚孛完宋宏尬局屁尿 尾岐岑岔岌巫希序庇床廷弄弟彤形彷 A7C0A7D0役忘忌志忍忱快忸忪戒我抄抗抖技扶 抉扭把扼找批扳抒扯折扮投抓抑抆改 A7E0A7F0攻攸旱更束李杏材村杜杖杞杉杆杠

	0123456780ABCDEE		
A	均至生每或表外沁水流运法还独分法	$\Lambda \subset 1 \cap$	
<u>A040</u>	为不少要不不少他况 <u>况</u> 仍但在 <u>大</u> 体体 法迫益的发生还没公式运动运行通道	AC40	拉抬抬挂 放住蚁政研施院春昭映味是
<u>A870</u>	他们伴父气伏仪仍住几人但得低近社	AC 50	星咋昱昈曷种梁柱柔杲栗采枯栅枢柯
<u>A86U</u>	灼灭炎牛狂牠狄住以用用另甸宅盯矣	<u>AC 6 0</u>	枘柑枴柚查柯柏柞柳柈柙柢拆渠金殃
A870	私夯秃先系罕向同肝肘肛肛贫良芒	AC70	殆段毒毗氟泉洋洲洪流津洌洱洞洗
A880		ACS0	
A890		AC90	
ASAO	芊芍見角言谷豆豕貝赤走足身車辛	ACAO	活洽派沟洛泵河洧洸油洮海泊油坡
ASBO	辰迁池汛纥巡岛邢邪邦那西采里防阮	ACBO	为场行 师 影作物视系统出现的记录
ASCO	股际防治乖到 本 此巧喜古洋龙传持使	ACCO	一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一
	并因为 <u>现</u> 不到事 <u>三</u> 至子示什很时任仪 决供例本但话并该俱处会份供估论争	ACCO	
\underline{AODO}		AUDU	広 突昏呈吸盈盆盆盖 看 吧 相 盾 有 盾 防
ASEU	兄兄 四 具具典列函刻芬刷利到刮刷利	ACEO	眇矜砂研砌砍获祉祈祇禹禹科杪秋穿
ASFO	刻助华協早卑卦卷即叫取叔受味呵	ACFO	突竿竽籽紂紅紀紉紇約紆缸美羿耄
			0123456789ABCDEF
A940	咖坯咕咀呷呷咄咒咆呼咐呱呶和咚呢	AD40	耐耍耑耶胖胥胚胃胃背胡胛胎胞胤胝
A950	周咋命咎固垃坷坪坩坡坦坤坼夜奉奇	AD50	致舢苧范茅苣苛苦茄若茂茉苒苗英茁
A960	奈奄奔妾妻委妹妮姑姆姐姗始姓姊妯	AD60	苜苔苑苞苓苟苯茆虐虹虻虺衍衫要觔
A970	妳姒姅孟孤季宗定官宜宙宛尚屈居	AD70	計訂計自自計却趴軍動沭诙沼油诇
A980		ADSO	
A990		ADON	
<u> </u>	屈岷岡岸岩岫岱兵空幕屿柏皇怒幸		光泊海治旅的标合和新丁香用阳际两百
AGRO	唐庄府底南征动孤怒壮征律他长中勿		必迫還追知的那种自由里门的随时
$\overline{\mathbf{X} \circ \mathbf{C} \circ}$	关/ 内内风泡延迟减号 任业 / 伊极尔心心 会分析 灯 杜 · 杜 · 佐 · 松 · · · · · · · · · · · · · · · ·	ADBU	阵曲早早亚百貝風飛良目谷米宅 IE倍
$A \circ C O$	总念铁证法师仰空泪后往泥滞但蚁战	ADC O	饭 術 爸 经 俸 情 倖 椨 值 借 倚 倒 們 俺 長 倔
A9D0	房厌所承担件托抵拂抹拒招披拍扳把	ADDO	倨俱倡個候倘俳修倭倪俾倫倉兼冤冥
A 9 E 0	括拌抽押拐拙拇拍抵拚抱拘拖拗拆抬	<u>ADEO</u>	家凍凌准凋剖剜剔剛剝匪卿原厝叟哨
<u> </u>	拎放斧於旺昔易昌昆昂明昀昏昕昊	ADFO	唐嘻嘀哼哥哲唆哺唔哩哭員唉哮哪
			U123456789ABCDEF
AAIU	并服朋机切优果朱省他机枝杯杯杰板	AE = 0	哦唧唇哽唏圃圄埂埔埋埃场夏套奘奚
AA50	杜松析杆枚科杼杪未欣武歧歿氓氛泣	<u>AE 5 0</u>	娑娘娜娟娛娓姬娠娣娩娥娌娉孫屘宰
AA60	注冰沱泌泥河沽沾沼波沫法泓沸泄油	AE60	害家宴宫宵容宸射周展屐峭峡峻峪峨
AA70	况沮泗泅泱沿治泡泛泊沬泯泜泖泠	AE70	峰島崁峴差席師庫庭座弱徒徑徐恙
AA80		<u>AE 8 0</u>	
AA90		AE 9.0	
AAA0	炕炎炒炊炙爬爭爸版牧物狀狎狙狗	AEAO	恣恥恐如恭恩自祔梧桂悍悔悌佾悖
AABO	狐玩玕玟玫玥甽疝疙疚的盂盲直知矽	AFRO	高差契拿搭板指捕托用均均折拾场面。
A A C O	<u>计</u> 犯了一个问题,我们们们是不是不是的问题。	AFCO	城发坦彻放牧制态发达英国民族的
AADO	防設防備発防費的的全学なななななな		ミオ加税税行方派吋百安光哨啊吧
$\Lambda \Lambda E 0$	2022年1月19月10月10月10月11日月2月11日11日 2022年1月11日月11日月11日11日	AEDO	兆音奶欣切仪修希性但很性情例优策
AALO	广化分介心云个文市正见到初夜电迎	AEEU	呆 聚和柴桐柴格桃株 施 栓移 桁 烁 殉 殷
AAPU	这近部邸邱邱禾金長門阜尼阿阻府	A E F O	氣氧氨氨菌泰很涕消徑浦浸海浙涓
	0123456789ABCDEE		0123456780486555
AR 10	随住雨毒非而喜喜信息尽便加强的		
AD=0	双正内有升坚于元后这天仗伏旧闪休	AF + U	任 使 存後俗 清
$\underline{AD} = 0$	101分子次份付付付款件124月16月	AF5U	烈局多特很狄狼狸狼茲班境珮珠珪塔
ADOU	百 杠利利利利利利则则男规 初 划前南御	AF 6 0	畔畝畜畚留疾病症疲疳疽疼疹痂疸皋
AB70	厚叛贬哀谷叹哉咸咦咳哇哂咽咪品	AF70	炮益盍盎眩真眠眨矩砰砧砸砝破砷
ABS0		AF80	
AB90		AF90	
$\frac{AB90}{ABA0}$	哄哈咯咫咱咻咩咧咿囿垂型垠垣垢	AF90 AFA0	砥砭砠砟砲祕祐祠祟祖神祝祗祚秤
$\begin{array}{c} A B 9 \\ O \\ A B A \\ O \\ A B B \\ O \end{array}$	哄哈咯咫咱咻咩咧咿囿垂型垠垣垢 城垮垓奕契奏奎奐姜姘姿姣姨娃姥姪	AF90 AFA0 AFB0	砥砭砠砟砲祕祐祠 崇祖神祝祗祚秤 秣秧租秦秩秘窄窈 站笆笑粉纺纱幼蚉
A B 9 0 A B A 0 A B B 0 A B C 0	哄哈咯咫咱咻咩咧咿囿垂型垠垣垢 城垮垓奕契奏奎奐姜姘姿姣姨娃姥姪 姚姦威姻孩宣宦室客宥封屎屏屍屋峙	AF90 AFA0 AFB0 AFC0	砥砭砠砟砲祕祐祠祟祖神祝祗祚秤 秣秧租秦秩秘窄窈站笆笑粉紡纱紋紊 素索姊妍纰级妘纳쇄紛缺罢主翅益考
A B 9 0 A B A 0 A B B 0 A B C 0 A B D 0	哄哈咯咫咱咻咩咧咿囿垂型垠垣垢 城垮垓奕契奏奎奐姜姘姿姣姨娃姥姪 姚姦威姻孩宣宦室客宥封屎屏屍屋峙 峒巷帝帥蛮幽庠度建奕强彦很结徊建	AF 90 AF 80 AF 80 AF 0 AF 00	砥砭砠砟砲祕祐祠崇祖神祝祗祚秤 秣秧租秦秩秘窄窈站笆笑粉紡紗紋紊 素索純紐紕級紜納紙紛缺罟羔翅翁耆 転耕耙軞耾聎陛睈憓姭ᄪ隁隓哅呚啹
AB90 ABA0 ABB0 ABC0 ABD0 ABD0	哄哈咯咫咱咻咩咧咿囿垂型垠垣垢 城垮咳奕契奏奎奐姜姘姿姣姨娃姥姪 姚姦威姻孩宣宦室客宥封屎屏屍屋峙 峒巷帝帥帟幽庠度建弈弭彥很待徊律 绚後徉奴毘台鲁乍怨挫险桿樜梔枝杅	$\begin{array}{c} A F 9 0 \\ A F A 0 \\ A F B 0 \\ A F C 0 \\ A F D 0 \\ A F D 0 \end{array}$	砥砭砠砟砲祕祐祠崇祖神祝祗祚秤 秣秧租秦秩秘窄窈站笆笑粉紡紗紋紊 素索純紐紕級紜納紙纷缺罟羔翅翁誊 耘耕耙耗耽耿胱脂胰脅胭胴脆胸胳脈
AB90 ABA0 ABB0 ABC0 ABC0 ABC0 ABE0	哄哈咯咫咱咻咩咧咿囿垂型垠垣垢 城垮垓奕契奏奎奂姜姘姿姣姨娃姥姪 姚姦威姻孩宣宦室客宥封屎屏屍屋峙 峒巷帝帥帟幽庠度建弈弭彥很待徊律 徇後祥怒思怠急怎怨恍恰恨恢恆恃恬	AF90 AFA0 AFB0 AFC0 AFD0 AFE0	砥砭砠砟砲袐祐祠祟祖神祝袛祚秤 秣秧租秦秩秘窄窈站笆笑粉紡纱紋紊 素索純紐紕級紜納紙纷缺罟羔翅翁耆 耘耕耙耗耽耿胱脂胰帝胭胴脆胸駱脈 能勞胼胯臭臬舀舐航舫舨般芻茫荒荔

	01024ECZ00ADCDEE		
			U123456789ABCDEF
B040	医蚊蚪蚓蚤黄蚌蚣财衰农哀侠社祇記	B440	蝏蝞贻媒媛媧孶孱 寒富寓脪尊尋就嵌
B050	訐討訌訕訊託訓訖訏訑豈豺豹財貢起	B450	嵐崴嵇巽幅帽幀韓幾廊廁廂廏弼彭復
B060	躬軒軔軏辱送逆迷退迺迴逃追逅迸邕	B = 46.0	循得惑惡悲悶惠愜愣惺愕懭惻惴慨惱
B070	那都影洒配的针针钏釜钋閉院陣陡	BJ70	愎悼偷愀惕彰扉刬掌描捧揩揉择
BOSO		B 1 8 0	及注册的问题中学子面外目的人民
$\mathbf{D} \mathbf{O} \mathbf{O} \mathbf{O}$		$\overline{D+OO}$	
B090		B + 90	
BOAO	陛陝除陘陞隻凱馬骨高鬥鬲鬼乾偺	B_4AO	插揣提握揖揭揮捶援愀换摒揚揹敞
BOBO	偽停假偃偌做偉健偶偎偕偵側偷偏倏	B4B0	敦敢散斑斐斯普晰晴晶景暑智晾晷曾
BOCO	偯偭兜冕凰剪副勒務勘動匐 匏匙 匿區	B = C O	替期朝棺棕棠棘豪椅棟棵森棧棹棒棲
BODO	匾衾曼商啪啦啄啞啡暄啊唱啖問陶唯	B4D0	棣棋棍棺椒椎棉棚栲莎款欺貁磷殖彀
BOFO	嗖哈崔璐啶暗喧喧的 第一团大的空音	BIED	愁爱 气 氨进游溢液浸涌透润尿还减消
$\mathbf{D} \mathbf{O} \mathbf{E} \mathbf{O}$	⁻ 中心日·双弧冲获为中国国国场主主任 按据其受挫劫拉约本取害症据林제		
DUPU	卓坪本呈柏钒培列有安安规师安州	<u> B-I F U</u>	相例例僅個何物恆而似則伊朗運致
			U123456789ABCDEF
B140	娼 婢婚婆婊孰 送 更奇叔宿密尉專將屠	B540	微澳 湎 昏
B150	屜屝崇崆崎崛崖崢崑崩崔崙崎崧崗巢	B550	牌犄犀猶猥猴猩琺琪琳琢琥琵琶琴琯
B160	常帶帳帷康庸庶庵庾張強彗彬彩彫得	B560	琛琦琨甥甦書番痢痛痣痙痘痞痠登發
B170	徙從徘徊徠徜甬患悉悠您惋悴惦悽	8570	皖皓皴迩隬钜祔硬硯稍程程段稀窭
B180		B580	
$\underline{P} 1 0 0$		D = 00	
$\frac{D}{D}$	法法语网络通知法法网络学家名	\overline{D}	the star and the base to be the total total total total total total total total total total total total total t
BIAU	请 存 很 首 悼 时 杨 尚 性 学 総 停 殿 吴 扈	B5A0	窗窖重吸等束聿筐同谷旬肠伐巩来
B 1 B 0	掠控捲掖探接捷捧掘措推掩掉掃掛捫	B580	粥紋結絨絶紫絮絲絡給絢絰絳善翔翕
B1C0	推掄授掙採掬排掏掀捻捩捨捺敝敖救	B5C0	耋 聒肅腕腔腋腑腎脹腆脾腌腓腴舒舜
B1DO	教敗啟敏敘敕敔斜斛斬族旋旌旎晝晚	B5D0	苔萃菸萍菠菅萋菁華菱蒮著萊菰萌 蒝
B1E0	晤晨晦晞曹勗望梁梯彬梓梵桿桶梱梧	B5E0	菽菲菊萸蒸菊菜荨菔 萎虑較蛙蛭蛔蛛
BIFO	種碱稅棄權榔梅梅修型島培核欲發	B 5 E O	岭岫 転街裁烈裕曹相封铃迎铜缸社
	0123456780APCDEE		0122456780ADCDEE
	0123456789ABCDEF 再我与私告谊空游冰冰冰沃没法进进	DATA	
B240	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋	<u>B640</u>	0123456789ABCDEF 詔詛詐祗訴診訶波象貂貯貼貳貽賁費
B240 B250	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮松淹涸混淵淅凄渚涵淚淫淘淪	B640 B650	0123456789ABCDEF 詔詛詐祗訴診訶波象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛
B240 B250 B260	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨澦淄涪淬涿淦烹焉焊烽烯爽牽	B640 B650 B660	0123456789ABCDEF 詔詛詐詆訴診訶詖象貂貯貼貳貽賁費 賀貴買貶貿貸起超趁跎距跋跚跑跌跛 跲軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣
B240 B250 B260 B270	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	B640 B650 B660 B670	0123456789ABCDEF 詔詛詐詆訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱聞開閑
B240 B250 B260 B270 B280	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪祽涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	B640 B650 B660 B670 B680	0123456789ABCDEF 詔詛詐祗訴診訶波象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跲軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閺開閑
$ \begin{array}{r} B & 2 & 4 & 0 \\ B & 2 & 5 & 0 \\ B & 2 & 6 & 0 \\ B & 2 & 7 & 0 \\ B & 2 & 8 & 0 \\ B & 2 & 9 & 0 \end{array} $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆溫涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	B640 B650 B660 B670 B680 B690	0123456789ABCDEF 詔詛詐祗訴診訶波象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閺開閑
B 2 4 0 B 2 5 0 B 2 6 0 B 2 7 0 B 2 8 0 B 2 9 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0 B 2 9 0 B 2 3 0	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆溫涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	B640 B650 B660 B670 B680 B690 B690	0123456789ABCDEF 認詛詐詆訴診訶波象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閺開閑
B240 B250 B260 B270 B280 B280 B280 B280	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍皎盔	B640 B650 B660 B670 B680 B690 B690	0123456789ABCDEF 認詛詐祗訴診詞該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閏開閑 間閒閎隊階隋陽隅隆隍陲隄雁雅雄
B240 B250 B260 B270 B280 B280 B280 B280 B280 B280	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍皎盔 盒盛眷眾睍眶眸眺硫硃砌祥栗祭移窒	B640 B650 B660 B670 B680 B690 B6A0 B6B0	0123456789ABCDEF 認詛詐抵訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸起超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閏開閑 間閒閎隊階殇陽隅隆隍陲隄雁雅雄 集霍雯雲韌項順須飧飪飯飩飲飭馮馭
B240 B250 B260 B270 B280 B290 B280 B280 B280 B280 B280 B280	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍皎盔 盒盛眷眾眼眶眸眺硫硃硎祥票祭移窒 窕笠笨笛第符笙笞笮粒粗粕絆絃統紮	B640 B650 B660 B670 B680 B690 B6A0 B6B0 B660	0123456789ABCDEF 認詛詐抵訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閏開閑 間閒閎隊階殇陽隅隆隍陲隄雁雅雄 集雇褒雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂偏債傲傳僅傾催傷傻傯僇剿
B240 B250 B260 B270 B280 B280 B280 B280 B280 B280 B2200 B2200	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍皎盔 盒盛眷眾眼眶眸眺硫硃硎祥票祭移窒 窕笠笨笛第符笙答笮粒粗粕絆絃統紮 紹紼細細紳組累終紲紱缽羞羚翌翎習	B 6 4 0 B 6 5 0 B 6 6 0 B 6 7 0 B 6 8 0 B 6 8 0 B 6 8 0 B 6 8 0 B 6 8 0 B 6 8 0 B 6 8 0 B 6 8 0	0123456789ABCDEF 認詛詐祗訴診訶詖象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閏開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇裵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟喃嗓嗦嗎嗜嗇嗑
$ \begin{array}{r} B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 7 0 \\ B 2 8 0 \\ B 2 8 0 \\ B 2 9 0 \\ B 2 8 0 \\ B 2 0 \\ $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 涯淑涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍皎盔 盒盛春眾眼眶眸眺硫硃硎祥票祭移窒 窕笠笨笛第符笙笞笮粒粗粕絆玆統紮 紹紼鈯細紳組累終紲紱缽羞羚翌翎習 耜聊耹脯脖脣脫脩脰脤舂舵舷舶船莎	$ \begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 6 0 \\ B 6 7 0 \\ B 6 8 0 \\ B $	0123456789ABCDEF 認註詐祗訴診詞該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱閏開閑 間閒閎隊階殇陽隅隆隍陲隄雁雅雄 集雇亵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣嘊嗯嗚嗡嗅嗆嚗囔圎圓寨鍣塘塗塚
$ \begin{array}{r} B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 7 0 \\ B 2 8 0 \\ $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍絞盔 盒盛眷眾眼眶眸眺硫硃硎祥票祭移窒 窕笠笨笛第符笙答笮粒粗粕絆絃統紮 紹紼緇細紳組累終紲紱缽羞羚翌翎習 耜聊耹脯脖脣脫翛脰賑舂舵舷舶船莎 莞莘荸莢莖莽莫莒莊莓莉莠荷荻荼	$ \begin{array}{r} B & 6 & 4 & 0 \\ B & 6 & 5 & 0 \\ B & 6 & 5 & 0 \\ B & 6 & 7 & 0 \\ B & 6 & 8 & 0 \\ B & $	0123456789ABCDEF 認註詐祗訴診詞該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閠開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇裵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣噗嗯嗚嗡嗅嗆嚗囔園圓塞塑塘塗塚 塔填塌熅塊塢塒榮奧嫁嫉嫌媾媽媼
$B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 7 0 \\ B 2 8 0 \\ B 2 $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 瓷甜產略畦畢異疏痔痕疵痊痍絞盔 盒盛眷眾眼眶眸眺硫硃硎祥票祭移窒 窕笠笨笛第符笙笞笮粒粗粕絆絃統紮 紹紼錙細紳組累終紲紱缽羞羚翌翎習 耜聊耹脯脖脣脫翛脰脤舂舵舷舶船莎 莞莘荸莢莖莽其莒莊莓莉莠荷荻荼	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 7 0 \\ B 6 8 0 \\ B 6 B 0 \\ B 6 F 0 \\ B 6 F 0 \end{array}$	0123456789ABCDEF 認詛詐祗訴診訶詖象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閏開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇裵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟喃嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉圓圓塞塑塘塗塚 塔填塌熅塊塢塒塋奧嫁嫉嫌媾媽媼
B 2 4 0B 2 5 0B 2 6 0B 2 7 0B 2 8 0B 2	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡淑涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	B640 B650 B660 B670 B690 B690 B680 B680 B660 B660 B660 B660 B660 B66	0123456789ABCDEF 認註詐抵訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸起超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閏開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇雯雲韌項順須焓飪飯飩飲飭馮馭 黃黍黑亂備債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟喃嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉園圓塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼
B240 B250 B260 B270 B280 B290 B280 B280 B280 B280 B280 B280 B270 B280 B270 B270 B270 B270 B270 B270 B270 B27	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$ \begin{array}{r} B & 6 & 4 & 0 \\ B & 6 & 5 & 0 \\ B & 6 & 6 & 0 \\ B & 6 & 8 & 0 \\ B & $	0123456789ABCDEF 認註詐訴診詞該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔聞開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇亵雲韌項順須焓飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟啼嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉圎圕塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼
$ \begin{array}{r} B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 7 0 \\ B 2 7 0 \\ B 2 8 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 8 0 \\ $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨淆淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$ \begin{array}{r} B & 6 & 4 & 0 \\ B & 6 & 5 & 0 \\ B & 6 & 5 & 0 \\ B & 6 & 7 & 0 \\ B & 6 & 8 & 0 \\ B & $	0123456789ABCDEF 認註詐訴診詞該象貂貯貼貳貽賁費 貧貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閠開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇裵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟喃嗓嗦嗎嗜嗇嗑 嗣嗤嗯嗚嗡嗅嗆嚗嗉園圓塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼
$B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 6 0 \\ B 2 8 0 \\ B 2 8 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 1 0 \\ B 2 $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 1 0 0 \\ B 6 1 0 0 \\ B 0 0 0 \\ C 0 0 0 \\ C 0 0 0 \\$	0123456789ABCDEF 認註詐訴診詞該象貂貯貼貳貽賁費 貧貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閠開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇裵雲韌項順須焓飪飯訰飮飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉圎圓塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉廈弒彙徬微愚意慈 感想愛慾您慎慌慨慍愾愧覐慾愷
$B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 6 0 \\ B 2 8 0 \\ B 2 8 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 0 $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 1 0 0 \\ B 6 1 0 0 \\ B 0 0 0 \\ B 0 0 0 \\ C 0 0 0 \\$	0123456789ABCDEF 認註許訴診詞該象貂貯貼貳貽賁費 貧貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閔閠開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇亵雲韌項順須焓飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉圎潿塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼 0123456789ABCDEF 媳嫂媲嵩嵯幌幹廉廈弒彙徬微愚意慈 感想愛惹愁愈慎慌慄慍愾愴愧愍愆愷 戡説搓搾搞搪撘搽搅搏搜搔損搶搖搗
$B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 7 0 \\ B 2 8 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 9 0 \\ B 2 1 0 \\ B 2 $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵涮松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 1 0 0 \\ B 6 1 0 0 \\ B 6 1 0 0 \\ C 1 0 0 0 \\ C 1 0 0 0 \\ C 1 0 0 0 \\$	0123456789ABCDEF 認註詐訴診詞該象貂貯貼貳貽賁費 貧貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉鄽酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱聞開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇亵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗囔圎圕塞塑塘塗塚 塔填塌塭塊塢塒塋奥嫁嫉嫌媾媽媼 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉厦弒彙徬微愚意惑 感想愛惹愁愈慎慌慄慍愾愴愧愍愆愷 戡戢搓搾搞搪撘搽搬搏搜搔損搶搖搗 请敬斟新暗暉暇暈暖喧啺暍會榔業
$B 2 4 0 \\ B 2 5 0 \\ B 2 6 0 \\ B 2 7 0 \\ B 2 8 0 \\ B 2 8 0 \\ B 2 9 0 \\ B 2 0 \\ B 2 0 \\ B 2 0 \\ B 2 0 \\ B 2 0 \\ B 2 0 \\ B 2 0 \\ B 2 0 \\ $	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵澜松淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 1 0 \\ B 6 1 0 \\ B 1 0 0 \\ 0 0 0 0 \\ 0 0 0 0$	0123456789ABCDEF 認該許該訴診詞該象貂貯貼貳貽賁費 貧貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱聞開閑 間閒閎隊階險陽隅隆隍陲隄雁雅雄 集雇亵雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉圓圓塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉厦弒彙徬微愚意惑 感想愛惹愁愈慎慌慄慍愾愴愧愍愆愷 戡戢搓搾搞搪撘搽搬搏搜搔損搶搖搗 講敬斟新暗暉暇暈暖喧啺暍會榔業
B240B250B260B270B280B290B290B290B200B200B200B200B20	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵澜淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄洁淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 6 0 \\ B 6 0 \\ B 6 0 \\ B 6 0 \\ C 0 0 \\ B 0 0 \\ C 0 0 \\ C 0 0 0 \\ C 0 0 0 \\ C 0 $	0123456789ABCDEF 認該許該訴診詞該象貂貯貼貳貽賁費 貧貴買貶貿貸越超趁跎距跋跚跑跌跛 跆軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱聞開閑 間閒閎隊階險陽隅隆隍陲隄雁雅雄 集雇雯雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻憁僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚嗡嗅嗆嚗嗉飁圓塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉廈弒彙徬微愚意慈 感想愛惹愁愈慎慌慄慍熂愴愧愍愆愷 戡戢搓搾搞搪撘挅搬搏搜搔損搶搖搗 溝敬斟新暗暉暇暈暖暄啺暍會榔業
B 2 4 0 $B 2 5 0$ $B 2 6 0$ $B 2 7 0$ $B 2 8 0$ $B 2 9 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 3 0$ $B 3 0$ $B 3 0$ $B 3 0$ $B 3 0$ $B 3 0$	0123456789ABCDEF 毫毬氫烻涼淳淙液淡淌淤添淺清淇淋 渡漵溯淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄洁淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 签甜產略畦畢異疏痔痕疵痊痍絞盔 盒盛春眾眼眶眸眺硫硃硎祥票祭移窒 蛇笠笨笛第符笙笞笮粒粗粕絆絃統紮 紹紼絀細紳組累終紲紱缽羞羚翌翎習 耜聊耹脯脖脣脫脩脰賬舂舵舷舶船莎 差莘荸荚莖莽其莒莊莓莉莠荷荻荼 0123456789ABCDEF 黃莧處彪蛇蛀蚶蛄蚵蛆蛋蚱蚯蛉術袞 被被袒袖袍袋覓規訪訝訣訥許設訟詭 訪豉豚販貴貫貨貪貧赧赦趾趺軛軟這 逍通逗連速逝逐逕逞造透逢逖逛途	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 1 0 \\ B 6 1 0 \\ B 1 0 0 \\ 0 0 0 0 \\ 0 0 0 0$	0123456789ABCDEF 認該許該訴診詞該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 點動軸執案逮逵週逸進逶鄂郵鄉廖酣 話量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱聞開閑 間閒閎隊階險陽隅隆隍陲隄雁雅雄 集雇雯雲韌項順須飧飪飯飩飲飭馮馭 黃黍黑亂傭債傲傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 酮喽嗯嗚嗡嗅嗆嚗嗉園圓塞塑塘塗塚 塔填塌塭塊塢塒塋奧嫁嫉嫌媾媽媼 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉廈弒彙徬微愚意惑 感想愛惹愁愈慎慌慄溫熂愴愧愍愆愷 戡戢搓搾搞搪搭搽搬搏搜搔損搶搖搗 溝敬斟新暗暉暇暈暖喧啺暍會榔業
B240 B250 B260 B270 B280 B290 B290 B290 B200 B200 B200 B200 B360 B360 B360 B370 B380 B380 B380 B380 B380	0123456789ABCDEF 毫毬氫烻涼淳淙液淡淌淤添淺清淇淋 渥漵涮淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 签甜產略畦畢異疏痔痕疵痊痍絞盔 盒盛春眾眼眶眸眺硫硃硎祥票祭移窒 窕笠笨笛第符笙笞笮粒粗粕絆絃統紮 紹紼絀細紳組累終繼紱缽羞羚翌翎習 耜聊耹脯脖脣脫脩脰賬舂舵舷舶船莎 莞莘荸莢莖莽其莒莊每莉莠荷荻荼 0123456789ABCDEF 黃莧處彪蛇蛀蚶蛄蚵蛆蛋蚱蚯蛉術袞 霰被袒袖袍袋覓規訪訝訣訥許設訟詭 訪豉豚販貴貫貨貪貧赧赦趾趺軛軟這 逍通逗連速逝逐逕逞造透逢逖逛途 部郭都酗野釵釦鈞釧釭釩閉陪陵陳	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 6 0 \\ B 7 5 0 \\ B 7 5 0 \\ B 7 5 0 \\ B 7 8 0 \\ B 7 0 \\ C 0	0123456789ABCDEF 認該許該訴診詞該象貂貯貼貳貽賁費 資費買貶貿貸越超趁跎距跋跚跑跌跛 點軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐鈇鈑閱聞開閑 間閒閎隊階隨陽隅隆隍陲隄雁雅雄 集雇雯雲韌項順須湌飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 剷剸募勦勤勢勣匯嗟嗨嗓嗦碼嗜嗇嗑 嗣嗤嗯嗚嗡嗅嗆嚗嗉園圓塞塑塘塗塚 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉廈弒彙徬微愚意慈 感想愛惹愁愈慎慌慄慍熂愴愧愍愆愷 戡戢搓搾搞搪搭搽搬搏搜搔損搶搖搗 溝敬斟新暗暉暇暈暖喧暘暍會榔業 差楷楠楔極椰概楊楨楫楞楓盥榆楝 調若勤勞酚酶施鵝ິ河遊湥涟遊孈滴
B 2 4 0 $B 2 5 0$ $B 2 6 0$ $B 2 7 0$ $B 2 8 0$ $B 2 9 0$ $B 2 9 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 3 0$ $B 0$	0123456789ABCDEF 毫毬氫涎涼淳淙液淡淌淤添淺清淇淋 渡漵澜淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 7 6 0 \\ B 7 0 \\ C 0	 0123456789ABCDEF 認註詐訴訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 點軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐麸鈑閱聞開閑 間閒閎隊階隨陽隅隆隍陲隄雁雅雄 集雇雯雲韌項順須湌飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 劑剸募勤勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 酮嗳嗯嗚唋喤嗆喙嗉園圓塞塑塘塗塚 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉廈弒彙徬微愚意惑 感想愛惹愁愈慎慌慄愠愾愴愧愍愆愷 戡說搓搾搞搪搭搽搬搏搜搔損搶搖搗 對新暗暉暇暈暖喧暘暍會榔業 基楷楠楔極椰概楊楨楫楞楓盥榆楝 握楷榆楔極椰概楊楨楫楞楓盥榆楝
B 2 4 0 $B 2 5 0$ $B 2 6 0$ $B 2 7 0$ $B 2 8 0$ $B 2 9 0$ $B 2 9 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 2 0$ $B 3 0$ $B 0$ B	 0123456789ABCDEF 毫毬氫烻涼淳淙液淡淌淤添淺潰淇淋 涩漵溯淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓猙率琅琊球理現琍瓠瓶 恣甜產略畦畢異疏痔痕疵痊痍絞盔 盒叠卷眾眼眶眸眺硫硃硎祥票祭移窒 窓甜產略畦畢異疏痔痕疵痊壞絞盜 容都尾眶眸眺硫硃硎祥票祭移窒 容部軍馬爾隆略號檢點的結果 34.000000000000000000000000000000000000	$\begin{array}{c} B 6 4 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 5 0 \\ B 6 8 0 \\ B 6 5 0 \\ B 6 6 0 \\ B 7 5 0 \\ B 7 8 0 \\ B 7 6 0 \\ B 7 0 \\ B 0 \\ B 0 \\ B 0 \\ C 0 \\ B 0 \\ C	 0123456789ABCDEF 認註詐訴訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 點軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐麸鈑閱聞開閑 間閒閎隊階隨陽隅隆隍陲隄雁雅雄 集雇雯雲韌項順須湌飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 劑剸募勤勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 酮嗳嗯嗚嗚喤喤喙嗉園圓塞塑塘塗塚 0123456789ABCDEF 處嫂媲嵩嵯幌幹廉厦弒彙徬微愚意惑 感想愛惹愁愈慎慌慄愠愾愴愧愍愆愷 战戰搓搾搞搪搭搽搬搏搜搔損搶搖搗 對新暗暉暇暈暖喧暘暍會榔業 基楷楠楔極椰概楊楨楫楞楓盥榆楝 糙樁數歲毀殿毓毽溢溯滓溶滂源溝滇 滅濟溘溼溺溫滑準溜滄右對那名
B 2 4 0 $B 2 5 0$ $B 2 6 0$ $B 2 7 0$ $B 2 8 0$ $B 2 9 0$ $B 2 0$	 0123456789ABCDEF 毫毬氫烻涼淳淙液淡淌淤添淺清淇淋 涩漵溯淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄涪淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓爭率琅琊球理現琍瓠瓶 恣甜產略畦畢異疏痔痕疵痊痍皎盔 盒盛春眾眼眶眸眺硫硃硎祥票祭移窒 窓甜產略畦畢異疏痔痕疵痊痍皎盔 當第花眼眶眸眺硫硃硎祥票祭移窒 交甜產略畦畢異疏痔痕疵痊壞於室 第約點點點時麼脫倚脰賑舂舵舷舶船莎 交若芝笨笛第符笙答笮粒粗粕絆絃統紮 約456789ABCDEF 黃夏處彪蛇蛀蚶蛄蚵蛆蛋蚱蚯蚙術滾 新彩都酗野釵釦鈞釧釭钒閉陪陵陳 陸陰陴陶陷陬雀雪弯章竟頂頃魚鳥鹵 鹿麥麻傢傍傅備傑傀傖傘傚最凱割剴 創熱勞勝動博斯電塔這名又不可能 	$\begin{array}{c} B640\\ B650\\ B650\\ B660\\ B680\\ B6800\\ B680\\ B6800\\ B6600\\ B6600\\ B6600\\ B6600\\ B6600\\ B6600\\ B6600\\ B6000\\ B6600\\ B6600\\ B60000\\ B60000\\ $	 0123456789ABCDEF 認註詐訴訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 點軻軸軼辜逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐麸鈑閱聞開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇雯雲韧項順須魚飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 剷剸募勤勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 酮嗳嗯嗚唏嚎圓[塵望塘塗塚 0123456789ABCDEF 媳嫂媲嵩嵯幌幹廉厦弒彙徬微愚意慈 感想愛惹愁愈慎慌慄溫愾愴愧愍愆愷 战乱搓搾搞塘搭搽搬搏搜搔損搶搖搗 溝敬斟新暗暉暇暈暖暄啺暍會榔業 差楷楠楔極椰概楊楨楫楞楓楹榆楝 糙樁樹楔極椰概楊楨糧零內邊源溝滇 滅薄溘溼溺溫滑準溜滄滔溪漂溴煎煙 近線短場的煌煥煞煆煨%爺牒試
B240 B250 B260 B270 B280 B290 B290 B290 B290 B200 B200 B200 B20	 0123456789ABCDEF 毫毬氫烻涼淳淙液淡淌淤添淺清淇淋 海湖淞淹涸混淵淅淒渚涵淚淫淘淪 深淮淨漪淄洁淬涿淦烹焉焊烽烯爽牽 犁猜猛猖猓爭率琅琊球理現琍瓠瓶 	$\begin{array}{c} B640\\ B650\\ B650\\ B660\\ B680\\ B6800\\ B680\\ B680\\ B680\\ B680\\ B680\\ B6800\\ B6800\\ B6800\\ B6800\\ B6800\\ B6800\\ B6800\\ B6800\\ B6600\\ B6600\\ B6600\\ B6600\\ B6600\\ B6600\\ B66000\\ B6000\\ B60000\\ B6000\\ B60000\\ B60000\\ $	 0123456789ABCDEF 認註詐訴訴診訶該象貂貯貼貳貽賁費 賀貴買貶貿貸越超趁跎距跋跚跑跌跛 點動軸執案逮逵週逸進逶鄂郵鄉郾酣 酥量鈔鈕鈣鈉鈞鈍鈐麸鈑閱聞開閑 間閒閎隊階腐陽隅隆隍陲隄雁雅雄 集雇雯雲韧項順須魚飪飯飩飲飭馮馭 黃黍黑亂傭債慠傳僅傾催傷傻傯僇剿 劑剸募勦勤勢勣匯嗟嗨嗓嗦嗎嗜嗇嗑 嗣喽嗯嗚唋噑嗉園圓塞望塘塗塚 0123456789ABCDEF 媳嫂媲嵩嗟幌幹廉厦弒彙徬微愚意慈 感想愛惹愁愈慎慌慄慍愾愴愧愍愆愷 战甚搓搾搞搪搭搽搬搏搜搔損搶搖搗 溝敬斟新暗暉暇暈暖喧啺暍會榔業 差楷楠楔極椰概楊楨楫楞楓楹榆楝 橫結歇歲毀殿毓毽溢溯滓溶滂源溝滇 滅漙溘溼溺溫滑準溜滄滔溪漂溴煎煙 煩煤煉照煜婸煦煌煥煞煆煨燰爺牒獻 獅猿猾瑯瑚瑕瑟瑞瑁琿瑙瑛瑜當畸瘚

	0123456789ABCDEF	
B840	睹睪睬睜睥睨睢矮碎碰碗碘碌碉硼碑	BC4(
B850	碓硿祺祿禁萬禽稜稚稠稔稟稞窟窠筷	BC5(
B860	節筠筮筧粱粳粵經絹綑綁綏條置罩罪	BC6(
B870	署義羨群聖聘肆肄腱腰腸腥腮腳腫	BC70
B880		BCSC
B890		BC 9(
BSAO	腹 膍腦閳艇菤蕾 玆 替玆蕢菗坓萒萛	BCAC
BSBO	萼萵葡萄柿苣草虘扅號蛹析蜈蜇蜀蛾	BC BC
BSCO	913中当地校派 <u>英</u> 务派和延续虽为派 較整屋頓制衙業寄裙補本些裡島必算	BCCC
BSDO	组解这家并非主法教生就任法治	RCD0
BSEO	於許60%时的66%的66%的66%的 於託金敦些拉关拓效陆洛普站些传政	DCDO
BSEO	防衛的當於教物的於外的於非常非起	
	メス IDJ IE C IE 5 G H IDC I 不 ID IE ス I 不 3 木 半文 単ス 半い 半土	<u>e</u> ru
	0123456780ABCDEE	
R G / A	<u> いたます。 日本の時間では、 日本</u>	RD 10
B Q 5 O	活卵高酮酸酸盐合合物的医胆管	
$\frac{D}{D}$		$DD \overline{D} \overline{D}$
$\mathbf{B} \circ \mathbf{C} \mathbf{O}$	如亚了现在到公司已经如时到川南川窗门的只有自动在中国。	<u>BD60</u>
$\underline{D} \overline{\overline{y}} \overline{\overline{y}}$	留電電冬哨靴靶頂限頓頂旗項詞記	<u>BD70</u>
<u>B980</u>		BDSO
<u>B990</u>		BD 0 0
B9A0	範節馳馱馴髠鳰麂鼎鼓鼠僧僮僥僖	BDAO
<u>B 9 B 0</u>	僭僚侯像僑僱僎僩兢凳劃劂匱厭嗾嘀	BDB0
B 9 C O	嘛嘗嗽嘔嘆嘉嘍嘎嗷嘖嘟嘈嘐嗶團圖	BDCO
<u>B9D0</u>	塵塾境墓墊塹墅塽壽夥夢夤奪奩嫡嫦	BDDO
89E0	嫩嫗嫖嫘嫣孵莫寧寡寥實寨寢寤察對	BDEO
$B \partial F O$	屢嶄嶇轒幣莃幗幔廓廖弊彆彰徹愍	BDFO
BAHU	忽態像愛覺慟慟慘備截徹摘摔撤摸攘	BE = 10
BASU	指捆推拳 旗摻敲斡旗 旖 暢暨暝榜榨榕	BE50
BAGO	倚 衆 積 構 榛 稚 樹 榫 榴 槐 槍 樹 槌 榦 槃 格	<u>BF 6 0</u>
BA70	軟欲氫漳廣滾腐滴旋速厚債漏漂漢	BE70
BA80		BESO
BA90		<u>BE 90</u>
BAAO	滿滯漆漱漸漲漣漕漫潔澈漪滬漁滲	BEAO
BABO	滌滷熔熙煽熊熄熒爾犒犖獄獐瑤瑣瑪	BEBO
BACO	瑰瑭甄疑瘧瘍瘋瘉瘓盡監瞄睽睿睡磁	BECO
BADO	碟碧碳碩碣禎福禍種稱窪窩竭端管箕	BEDO
BAEO	箋筵算箝箔筝箸箇箄粹粽精綻綰綜綽	BEEO
BAFO	綾綠緊綴網綱綺綢綿綵綸維緒緇綬	BEFO
	0123456789ABCDEF	
BB40	罰翠翡翟聞聚肇腐膀膏膈膊腿膐臧臺	BF 10
BB50	與舔舞艋蓉蒿蓆蓄蒙蒞蒲蒜蓋蒸蓀蓓	BF 5 0
BB60	蒐蒼蓑蓊蜿蜜蜻鯭蜥蜴蜘蝕蜷蜩裳褂	BF 6 0
BB70	裴裹裸製裨褚裯誦誌語誣認誠誓誤	BF70
BBSO		BF80
BB90		BF 90
BBAO	誽誥誨誘誑誚誧豪貍貌曶賑賖赫趙	BFAO
BBBO	趕跼輔輒輕輓辣遠溝涨遣遙遞盪還溜	BEBO
BBCO	鄙鄘鄞酵酸酷餘鉸銀銅銘鉄銘銓銜銨	BECO
BBDO	鉼銑閡閨 壃閺閥闂隙 隡陖雌雑雲齨鞅	BEDO
BBEO	韶頗領颯颱餃觧飷睮駁骯罻髽犎璶嚧	REEA
BREM	□1/77777999000000000000000000000000000000	
	「「「「「「「「」」」」」「「「」」」「「「」」「「「」」」「「「」」」」「「「」」」」	

C40	劇劈劉劍創勰厲唠嘻嘹嘲嘿嘴嘩噓噎
C50	噗噴嘶嘯嘰墀壚增墳墜墮镦墦奭嬉嫻
C 6 0	嬋嫵嬌嬈竂寬審冩層履巆嶔幢幟幡廢
C70	廚廟廝廣廠彈影德徵慶慧慮慝蕮憂
C80	
C 9 ()	
CAO	慼慰慫慾憧憐憫憎憬憚懎憔幠戮塺
CBO	墊摹撞撲撈摸撰撥撓撕撩撒擺播撫撚
CC0	撬摸擅繳敵數數基暫暴踞樣樟榔樁幅
CDO	標槽模樓樊擬樂縱槭樑歐歎殤毅歐卷
CEO	潼 澄澄療 潔 縴 潭 潛 潛 潮 澎 涙 清 潤 澗 潘
CFO	塍潯濯潟孰敖埶慰牖嫠墏獗瑩音寱
	0123456789ABCDEF
D40	瑾璀畿瘠熔瘟瘤瘦瘡瘢皚皺縏瞎脒腈
D50	瞑 矏磋磅確磊碾磕碼磐稿稼豰稽稷稻
D60	窯窮箭箱範箴篆篇算箓篌糊締練猿緻
D70	減緬緝編緣線緩緩緩維維鄧緹罵罷羯
$\mathbf{D80}$	
190	
DAO	翩耦膛瞙쨚膠鬳贉葃蔽嶎蓮葹蒢葽
DBO	薎辮 蔡蔔 蓬蔥蓿蔆螂蝴蝶幅蝦蝸蟲蝠
$D \subset O$	蝗蜊蝓衛衝裼複褒褓褕褊諂諒談這誕
DDO	請諸課該諂調誰論諍醉誹欺險緊豬賠
DEO	嘗賦賤賬睹腎賣膓質摩緒緔趣跡踐理
DFO	踢踏踩踟躇踢躺輝輛輟輩輦輪輜輞
	0123456789ABCDEE

	<u>UIZJ4J0/09ABUDE</u> F
E 4 0	輥適遮遨遭遷鄰鄭鄧鄱醇醉醋醃 鋅銻
E 5 0	銷鋪銬鋤鋁銳銼鋒鋇鋰銲閭閱霄霆震
E 6 0	審靠鞍鞋鞏頡頫頜颳養餓餒餘駝駐駟
E 7 O	駛鴑鴐駒駙骷髮髯鬧魅魄魷魯鴆鴉
E80	

EAO **鴃麩麾黎墨齒儒儘儔儐꺩冀冪凝劑** EBO **鼼**勲噙噫噹噩噤噸**噪器**噥噱噯噬噢噶 ECO 壁墾壇壅奮孎嬴學寰導彊憲憑憩憊懍 EDO憶憾懊懈戰擅擁擋撻撼據據擇擂操撿 $E \to O$ 擒擔撾整曆曉暹曄曇暸橕樸樺橙橫橘 EFO 樹橄橢榢橋橇樵機橈歙歷氅濂澱澡

0123456789ABCDEF F-1 O 濃澤濁澧澳激澹澶澦澠澴熾燉燐燒燈 F50燕熹燎燙燜燃燄獨璜璣璘璟璞瓢甌謩 ⁷60 瘴瘸瘺盧盥瞠瞞瞟瞥磨磚磬磧禦積穎 穆穌穋窺篙簑築篤鶷簒篩篦糕糖縊

FA Ö 縑縈縛縣縞縝縉摥罹羲翰翶翮耨膳 - B O 膩膨臻興艘艙蕊意蕈嶡蕩萫蕉蕭蕪蜝 $\overline{C}(0)$ **镑螟螞螢**融衡褪褲褥禠褡親**覦諦**諺諫 ₹D O 諱謀諜諧諮諾謁調諷諭諳諶諼豫豭貓 FE O 賴蹄踱踴蹂踹踵輻輯輸輳辨辦遵遴選 BFFO 遲遼遺鄴醒錠錶鋸錳錯錢鋼錫錄錚

			0
	0123456789ABCDEF		0
C040	錐錦錡錕錮錙閻隧隨險雕篓落罧霍覓	C440	馭
<u>C050</u>	罪靛靜靦鞘頰頸頻頷頭賴頗餐館餧餛	C450	腡
C 0 6 0	餡篩駭駢駱骸觡髻髭鬨鮑駝鴣穒鴨鴞	C460	贱
COTO	鴑 默黔龍龜懮償儡儲勵嚎嚀嚧嚅嚇	C470	淞
C080		C480	
C090		C490	
COAO	嚔壕壓壑壎嬰嬪嬤孺尷屨鱮嶺嶽嶸	C4AO	
COBO	鴽彌徽應懂懇懦懋戱戴擎擊孽擠擰擦	C4BO	襤
COCO	擬擱 擢擭斂斃曙曖 憻 檔檄檢檜櫛檣橾	C 4 C O	釋
CODO	檗檐檠歜殮毚氈 濘濱濟濠濛濤濫濯譅	C4D0	鰄
COEO	濬獳濩濕襥濰燧營夑燦燥燭燬燴燠爵	C4EO	懾
COFO	牆箻獲璩環蹙璨癆療 癌盪朣 膯 瞮瞬	C4F0	籐
	0123456789ABCDEF		0
C140	睢曀攇磷磺礎磯碓蕧禪穗窿瘥箽篾錃	C540	護
C150	能筱塘感谢若糟糟糕辣菇猜烫爆翅端烧	C550	闘
C160	物份。《新知道》是1天日1月月月月月月月月月月月月月月月月月月月月月月月月月月月月月月月月月月月	C 560	霍
$C_1 \overline{C_0}$	影響。這些這些影響。這些影響	(570)	絲
C_1 / O_1	ΨIII 邓雅肉 肉 肉 质 版 幅 欧 储 E 品 辛 夫 X 和	$C \overline{S} S \overline{O}$	7.
C_{180}		C = 0 0	
	ナカ キオ ナス ナナ ナオ キキ ナナ たけ キキ さち あつしか しかしがした	$C \rightarrow 90$	
CIAU	漙筁辟螷醟砉 辟微箢魝瘹鯚賯烇辬	C_{2AU}	
C 1 B O	螑 韲	C > B O	鹿
$C \perp C \mid O$	謊謠 謝 謄謐豁谿豳賺 貵煹膹賻趨蹉蹋	C 5 C O	縣
C1D0	蹈蹊轄輾毂轅輿避遽還邁邂邀鄹醩閶	C > D O	瑻
C 1 E O	弛 鍍鎂錨鐽鋉鍥鍋錘鍾鍬鍛鍰鍚鍔閤	C 5 E O	鐮
C 1 F O	闋闌闈闆隱 隸雖霜霞鞠韓顆飋餵騁	C5FO	黴
	· · · · · · · · · · · · · · · · · · ·		
	0123456789ABCDEF		0
C240	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿麋黏點點黝黛鼾齋叢	C640	0 讖
$\frac{C240}{C250}$	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿 麘黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彝懣戳擴擲獶撪擺擻擷斷	C640 C650	◎讖鹼
C 2 4 0 C 2 5 0 C 2 6 0	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彛懣戳擴擲獶撪攦擻擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉瀋濾	C 6 4 0 C 6 5 0 C 6 6 0	◎讖鹼顱
C 2 4 0 C 2 5 0 C 2 6 0 C 2 7 0	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彞懣戳擴擲擾揝擺擹擷斷 曜朦穦懞櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆濺襮瀏燋燼燾燸瀇獵瑿璿甕癖癘	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0	❶讖鹼顱鑽
$\begin{array}{c} C & 2 & 4 & 0 \\ C & 2 & 5 & 0 \\ C & 2 & 6 & 0 \\ C & 2 & 7 & 0 \\ C & 2 & 8 & 0 \end{array}$	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彞懣戳擴擲擾攆擺擹擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉瀋濾 襩濺襮瀏燻燼穒燽瀇獵璧璿甕癖癘	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0	0 讖鹼顱鑽
$\begin{array}{c} C & 2 & 4 & 0 \\ C & 2 & 5 & 0 \\ C & 2 & 6 & 0 \\ C & 2 & 7 & 0 \\ C & 2 & 8 & 0 \\ C & 2 & 9 & 0 \end{array}$	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 °會嚮壙壘嬸彞懣戳擴擲擾攆攦擹擷斷 曜朦穦榬櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼穒燸瀇獵璧璿甕廯癪	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0	〇讖鹼顱鑽
C 2 4 0 C 2 5 0 C 2 6 0 C 2 7 0 C 2 8 0 C 2 9 0 C 2 A 0	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彞懣戳擴擲擾攆攦擹擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆濺襮瀏燻燼燾爣獷獵璧璿甕廯癘 癒瞽瞿瞻瞼礎禮穡穢穠窤竅簫簧簪	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 A 0	0 讖鹼顱鑽
$\begin{array}{c} C 2 4 0 \\ C 2 5 0 \\ C 2 6 0 \\ C 2 7 0 \\ C 2 7 0 \\ C 2 8 0 \\ C 2 9 0 \\ C 2 8 0 \\ C 2 8 0 \\ \end{array}$	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿糜黏點黜靿黛鼾齋叢 嚕嚮壙壘嬸彜懣戳擴擲擾攆擺擻擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆濺襮瀏燻燼穒燸瀇獵璧璿甕廯癘 癒瞽瞿瞻瞼礎禮穯穢穠窤窽簘簧簪 簞簤簡糧纎繕繞爒繡缯繙罈翹翻職聶	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0	○ 讖鹼 顱鑽が
$\begin{array}{c} C 2 4 0 \\ C 2 5 0 \\ C 2 6 0 \\ C 2 7 0 \\ C 2 7 0 \\ C 2 8 0 \\ C 2 9 0 \\ C 2 8 0 \\ C 2 8 0 \\ C 2 8 0 \\ C 2 8 0 \\ C 2 0 \\ C$	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿麋黏點黜黝黛鼾齌叢 嚕嚮壙壘嬸彛徳戳擴擲擾攆擺擻擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆濺襮瀏燻燼穒燸獷獵璧璿甕癖癘 癒瞽瞿曕瞼礎禮穯穢穠窤竅簫簧簪 簞簤簡糧纎繕繞爒鏽缯繙罈翹翻職聶 躋臗蓍藏薩藍藐藉薰薺篹薦蟯蟬蟲蟠	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0	○讖鹼顱鑽 がぜ
$\begin{array}{c} C 2 4 0 \\ C 2 5 0 \\ C 2 5 0 \\ C 2 7 0 \\ C 2 7 0 \\ C 2 8 0 \\ C 2 9 0 \\ C 2 8 0 \\ C 2 8 0 \\ C 2 8 0 \\ C 2 8 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C 2 0 \\ C$	0123456789ABCDEF	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 0 C 6 0 0	●讖鹼顱鑽 がぜぬ
C 2 4 0 C 2 5 0 C 2 6 0 C 2 7 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 8 0 C 2 9 0 C 2 8	0123456789ABCDEF	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 0	❶讖鹼顱鑽 がぜぬぼ
C 2 4 0 C 2 5 0 C 2 6 0 C 2 7 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 9 0 C 2 8 0 C 2 8 0 C 2 9 0 C 2 8	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齌叢 嚕嚮壙壘嬸季萢戳擴擲獶摷擺擻擷斷 曜朦穦檬櫃檻檸櫂檮檯跶歸殯瀉瀋濾 瀆濺襮瀏燻燼穒燸獷獵璧璿甕癖癘 癒瞽瞿曕瞼礎禮穑穢穠窤竅簫簧簪 簞簤簡糧蟙繕繞爒繡鏳繙谭翹翻職聶 臍臗蓍藏薩藍貌藉薰薺薹鷓蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹵蹣蹦蹤蹟蹕驅 轉轍邇邃邈醫醬釐釐鎔鎊鎖鵭鎳顉鎬鎰 鎘銷鎗闔闏閪腏鵻雓雙雛甤罶鞣鞦	C 6 4 0 C 6 5 0 C 6 7 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 0	❶讖鹼顱鑽 がぜぬぼれ
$\begin{array}{c} C 2 4 0 \\ C 2 5 0 \\ C 2 6 0 \\ C 2 7 0 \\ C 2 8 0 \\ C 2 9 0 \\ C 2 9 0 \\ C 2 8 0 \\ C 2 9 0 \\ C 2 0 \\ C 0 \\$	0123456789ABCDEF 駿鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齌叢 嚕嚮壙壘嬸彛懣戳擴擲獶洕擺擻擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆醆襮瀏燻燼燾燸獷獵璧璿甕癖癘 癒瞽瞿瞻瞼磀禮穯硡穠窤窽簫簧簪 簞寶簡糧蟙繕繞繚繡缯繙曋翹翻職聶 臍臗蓍臧薩藍藐藉薰薺薹薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅躛蹣蹦蹤蹟蹕驅 轉轍邇邃邈醫醬釐旕鎊鎖鵭皩鎮鎬鎰 鎘鎚鎗闔闑闌隞鵻雜雙雛雞罶鞣鞦	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 0	❶讖鹼顱鑽 がぜぬぼれ
$\begin{array}{c} C 2 4 0 \\ C 2 5 0 \\ C 2 6 0 \\ C 2 7 0 \\ C 2 8 0 \\$	0123456789ABCDEF 裝鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彛懣戳擴擲獶撪擺擻擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆濺襮瀏燻燼燾燸獷獵璧璿甕癖癘 癒瞽瞿瞻瞼礎禮穯穢穠窤竅簫簧簪 簞寶簡糧蟙繕繞爒繡缯繙罈翹翻職聶 臍臏誓藏薩藍藐藉薰薺薹薦蟯蟬蟲蟠 覆覲觴誤謹認謪豐贅蹙蹣蹦蹤蹟蹕軀 轉轍週邃邈醫醬釐旕鎊鎖鵭鎳鎮鎬鎰 鎘鎚鎗闔闖闑劂鵻雜雙雛雞罶鞣鞦	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 9 0 C 6 8 0 C 6 6 0 C 6	◎讖鹼顱鑽 がぜぬぼれ ◎
C240 C250 C260 C270 C280 C290 C280 C280 C200	0123456789ABCDEF 裝鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸季萢戳擴擲獶撪擺擻擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉瀋濾 瀆濺襮瀏燻燼燾燸獷獵璧璿甕癖癘 癒瞽瞿聸瞼礎禮穯穢穠窤竅簘簧簪 簞寶簡糧織繕繞爒繡缯繙罈翹翻職聶 臍臏萻藏薩藍藐藉薰薺薹薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹩蹣蹦蹤蹟蹕軀 轉辙逥邃邈醫醬釐釐鎔鎊鎖鵭鎳鎮鎬鎰 鎘鎚鎗闔闖闑餟鵻雜雙雛雞罶鞣鞦	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 0	◎讖鹼顱鑽 がぜぬぼれ ◎エ
C240 C250 C260 C270 C280 C290 C290 C200	0123456789ABCDEF 裝鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸季萢戳擴擲獶撪擺擻擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼燾燸獷獵鐾璿甕癖癘 癒瞽瞿曕瞼礎禮穯穢穠窤竅簘簧簪 簞寶簡糧織繕繞爒繡缯繙罈翹翻職聶 臍臏蓍藏薩藍藐藉薰薺薹薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹵蹣蹦蹤蹟蹕軀 轉辙逥邃邈醫醬釐籀鎊鎖鵭鎳鏔鎬鎰 鎘鎚鎗闔闖闑隞鵻雜雙雛雞霤鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿餽餮馥騎髁鬃 鬆₂麵酮髦鋰鯽鯈餘鵈鵈搗點髮鼬儯	C 6 4 0 C 6 5 0 C 6 7 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 9 0 C 6 0 C 7 0 C 7 0 C 7 0 C 6 0	❶讖鹼顱鑽 がぜぬぼれ ❶エジ
C240 C250 C260 C270 C290 C290 C200 C350 C350	0123456789ABCDEF 裝鮮鮫鮪鮭鴻鴿殩黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸季萢戳擴擲獶撪擺擻擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉瀋濾 濱濺襮瀏燻燼燾燸獷獵鐾璿甕癖癘 츕瞽瞿曕瞼礎禮穯穢穠窤竅簘簧簪 簞簤簡糧纎繕繞爒繡缯繙罈翹翻職聶 臍渡蓍藏薩藍藐藉薰薺堇藘蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹷蹣蹦蹤蹟蹕軀 轉轍逥邃邈醫醬釐鎔鎊鎖鵭鎳鏔鎬鎰 鎘鎚鎗闔闑闑隞鵻雜雙雛雞罶鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颫餾餿餽餮馥騎髁鬃 鬆魏魉魌鯊鯉鯽儵鮗鵑鵝鶗點鼕鼬儳 噒躌儱櫉竉廰偧夑堜楜憷攀罉曞踾椣	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 6 7 0 C 7 4 0 C 7 5 0 C 7 6 0	◎讖鹼顱鑽 がぜぬぼれ ◎エジト
C240 C250 C270 C270 C290 C290 C200 C200 C200 C200 C200 C200 C250 C350 C350 C350 C350 C350 C350 C350	0123456789ABCDEF 裝鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸季懣戳擴擲擾攆擺擹擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼燾燸獷獵壁璿甕癖癘 蘆瞽瞿略瞼礎禮穯穢穠窤竅簫簧簪 簞寶簡糧織繕繞爒繡鏳繙谭翹翻職聶 臍預莙藏薩藍藐藉薰薺堇藘蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹵蹣蹦蹤蹟蹕軀 轉轍遛邃邈醫醬釐鎔鎊鎖鵭鎳鎮鎬鎰 鎘鎚皨闅闑闎어鵻辁雙雛雞匫鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颫餾餿餽餮馥騎髁鬃 鬆魏魎魖鯊鯉鯽儵鲦鵈鴉鵠點鼕鼬儳 嚥壞壟壢竉龎廬懲懷爘懵攀攏曠曝櫥 槽壛槵灜潇溜漵遯揓虛惺怏矆嬻獸	C 6 4 0 C 6 5 0 C 6 7 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 7 0 C 6 7 0 C 6 7 0 C 7 4 0 C 7 6 0 C 7 7 0	◎讖鹼顱鑽 がぜぬぼれ ◎エジトへ
C240 C250 C270 C270 C290 C290 C200 C300	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸季懣戳擴擲擾攆灑數擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼燾燸獷獵壁璿甕癖癘 蘆瞽瞿略瞼礎禮穯穢穠窤竅簫簧簪 算簡糧織繕繞爒繡鏳繙谭翹翻職聶 臍預蓍藏薩藍菀藉薰薺堇篤蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹵蹣蹦蹤蹟蹕軀 轉辙邇邃邈醫醬釐鎔鎊鎖鵭鎳鎮鎬鎰 鎘鎚鎗闓闑劂離雜雙雛雞霤鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿餽餮馥騎髁鬃 鬆魏魎魖鯊鯉鯽儵鲦鵈鵝鵠點鼕鼬儳 嚥壞壟壢竉龐廬懲懷懶懵攀攏曠曝樃 樌榈櫓瀛瀟瀨瀚瀝瀕瀘爆爍牘襩獸	C 6 4 0 C 6 5 0 C 6 7 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 7 0 C 7 4 0 C 7 7 0 C 7 7 0 C 7 8 0	◎讖鹼顱鑽 がぜぬぼれ ◎エジトへ
C240 C250 C270 C270 C290 C290 C200 C200 C200 C200 C200 C250 C250 C250 C350 C360 C370 C380 C380	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸季懣戳擴擲擾攆擺擹擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼燾燸獷獵壁璿甕癖癘 蘆瞽瞿略瞼礎禮穯穢穠窤竅簫簧簪 算簡糧織繕繞爒繡鏳繙谭翹翻職聶 臍預蓍藏薩藍菀藉薰薺堇薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹵蹣蹦蹤蹟蹕軀 轉辙遛邃邈醫醬釐鎔鎊鎖鵭鎳鎮鎬鎰 鎘鎚鎗闅闑劂離雜雙雛雞霤鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿餽餮馥騎髁鬃 鬆魏魎魆鯊鯉鯽儵鮗鵈鴉鵠點鼕鼬俴 嚥壞壟爏竉龎廬懲懷懶懵攀攏曠曝樃 檳櫚櫓嬴瀟瀨襰瀝瀕瀘爆爍牘襩獸	C 6 4 0 C 6 5 0 C 6 7 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 9 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 7 0 C 7 0 C 7 8 0 C 7 0 C 0 C 7 0 C	❶讖鹼顱鑽 がぜぬぼれ ₪エジトへ
C240 C250 C270 C270 C290 C290 C200 C300 C300 C300 C300 C300 C300	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕襟壙壘嬸彞懣戳擴擲擾攆擺擹擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼燾燸獷獵壁璿甕癬癘 蘆瞽匷曕瞼礎禮穯穢穠竄竅簫簧簪 簞寶簡糧織繕繞鐐繡缯繙罈翹翻職聶 臍預蓍藏薩藍貌藉薰梦薹蹣蹦蹤蹟蹕驅 轉轍邇邃邈醫醬釐旕鎊鎖鵭鎳鎮鎬鎰 歸鎚鎗闔闖闑劂鵻雜雙雛雞菑鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿腕餮馥騎髁鬃 鬆魏魎魆鯊鯉鯽鯈鮗鵑鵝鵖點鼕鼬儳 嚥壞壟壢寵龎廬懲懷懶懵攀攏曠曝櫥 檳櫚櫓嬴瀟瀨瀚瀝瀕瀘爆爃牘襩獸	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 0 C 7 0 C 0	❶讖鹼顱鑽 がぜぬぼれ ◙エジトへ
C240 C250 C270 C270 C270 C290 C200 C300	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸彞懣戳擴擲擾攆擺摗擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼燾燸獷獵壁璿甕癬癘 应替瞿曕瞼礎禮穯穢穠竄竅簫簧簪 箪簧簡糧織繕繞鐐繡缯繙罈翹翻職聶 臍預蓍藏薩藍貌藉薰薺薹薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹵蹣蹦蹤蹟蹕驅 轉轍邇邃邈醫醬釐旕鎊鎖鵭鎳鎮鎬鎰 歸鎚鎗闔闖闌劂鵻雜雙雛雞菑鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿餽餮馥騎髁鬃 鬆魏魎魆鯊鯉鯽儵魿鵑鴩鵠黠鼕鼬儳 嚥壞壟壢寵龎廬懲懷懶懵攀攏曠曝櫥 檳櫚櫓嬴瀟瀨襰瀝瀕瀘爆爃牘襩獸	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 7 0 C 6 8 0 C 6 9 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 7 0 C 7 0 C 7 8 0 C 7 0 C 0 C 7 0 C 0	❶讖鹼顱鑽 がぜぬぼれ ❶エジトへ ♪
C240 C250 C270 C270 C270 C290 C290 C200 C200 C200 C200 C200 C250 C250 C350 C350 C360 C370 C380	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸奦懣戳擴擲擾攆擺摗擷斷 曜朦穦檬櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼穒燸獷獵璧璿甕癬癘 蘆瞽瞿曕瞼礎禮穯硡穠窤竅簫簧簪 簞寶簡糧織繕繞鐐繡缯繙罈翹翻職聶 臍預蓍藏薩藍貌藉薰梦薹蹣蹦蹤蹟蹕驅 轉轍逥邃邈醫醬釐鎔鎊鎖鵭鎳鎮鎬鎰 歸鎚鎗闔闖闌肦鵻雜雙雛雞霤鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿餽餮馥騎髁鬃 鬆魏魉魆鯊鯉鯽儵餘鵑鵝搗點鼕鼬儳 嚥壞壟壢寵龎廬懲懷懶懵攀攏曠曝櫥 檳櫚櫓瀛瀟瀨襰瀝瀕瀘爆爃牘襩獸	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 0	❶讖鹼顱鑽 がぜぬぼれ ❶エジトへ ヶ田
C240 C250 C270 C270 C290 C290 C200 C200 C200 C200 C200 C250 C270 C250 C350 C350 C360 C370 C380	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸奦懣戳擴擲擡攆攦擹擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉滀濾 濱襪襮瀏燻燼穒燸獷獵鐾璿甕癬癘 蘆瞽瞿曕瞼礎禮穯硡穠窤竅簫簧簪 簞寶簡糧織繕繞爒繡鏳繙罈翹翻職聶 臍預蓍藏薩藍貌藉薰薺薹薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹙蹣蹦蹤蹟蹕驅 轉辙遛邃邈醫醬釐鎔鎊鎖鵭鎳鎮鎬鎰 歸鎚鎗闔闖闌騯鵻雜雙雛雞霤鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾餿餽餮馥騎髁鬃 鬆魏魉魌鯊鯉鯽儵魿鵑鵝鵠黠鼕鼬儳 嚥壞壟壢竉龎廬懲懷懶懵攀攏曠曝櫥 櫝櫚櫓瀛瀟瀨瀚瀝瀕瀘爆爍牘襩獸	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 7 0 C 7 8 0 C 7	●讖鹼顧鑽 がぜぬぼれ ■エジトへ ヶⅢ~
C240 C250 C270 C270 C270 C290 C290 C200 C200 C200 C200 C200 C250 C250 C350 C350 C360 C370 C380 C300	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸奦懣戳擴擲擾攆擺摗擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼穒燸獷獵鐾璿甕癬癘 应	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 0	❶讖鹼顱鑽 がぜぬぼれ ₪エジトへ ヶⅢ3
C240 C250 C270 C270 C270 C290 C290 C200 C200 C200 C200 C200 C250 C270 C350 C350 C360 C370 C380 C300	0123456789ABCDEF 聚鮮鮫鮪鮭鴻鴿糜黏點黜黝黛鼾齋叢 嚕嚮壙壘嬸奦懣戳擴擲擾攆擺摗擷斷 曜朦穦樣櫃檻檸櫂檮檯歟歸殯瀉滀濾 瀆濺襮瀏燻燼穒燸獷獵璧璿甕癬癘 蘆瞽瞿曕瞼礎禮穯硡穠窤竅簫簧簪 簞寶簡糧織繕繞鐐繡鏳繙罈翹翻職聶 臍預蓍藏薩藍貌藉薰萍摹薦蟯蟬蟲蟠 覆覲觴謨謹謬謪豐贅蹙蹣蹦蹤蹟蹕驅 轉辙遛邃邈醫醬釐鎔鎊鎖鵭鎳鎮鎬鎰 歸鎚鎗闔闑闌騯鵻雜雙雛雞霤鞣鞦 0123456789ABCDEF 鞭韹額顏題顎顓颺餾醙餽餮馥騎髁鬃 鬆魏魉魌鯊鯉鯽儵餘鵑鵝鵠黠鼕鼬儳 嚥壞壟壢竉龎廬懲懷懶懵攀攏曠曝櫥 櫝櫚櫓瀛瀟瀨襰瀝瀕瀘爆爍牘襩獸 M靈瓊瓣疇疆癟糜矇礙薃稪穩籘簿 簸簽簷籒髨繭繹繩嬒羅繳羶絫羸臘藩 葑蘔蔣藥藉蟻蠅蠍蟹蟾襠禚襖襞譁 諧識證譚誘譏譆譙膌贊踐蹲躇蹶蹬蹺 蹴輯縣邊還酸酯鏡謪鏟鏃鏈鏜邊鑒	C 6 4 0 C 6 5 0 C 6 6 0 C 6 7 0 C 6 8 0 C 6 8 0 C 6 8 0 C 6 0 C 7 0 C 0 C 7 0 C 0	●讖鹼顧鑽 がぜぬぼれ ■エジトへ ヶⅢ34(

	0123456789ABCDEF
440	願顛 颲饅饉鷘騙鬍鯨鲳鯖鯛鶉鵡鵲鶴
450	鵬麒麗麓麴勸嚨嚷嚶嚴嚼壤孀孃孽 寶
460	巉懸懺攐攔攙曦朧櫬灁濔瀲纑獻瓏癢
470	癥礦礪礬礫賌竸籌籃 籍檽糰辮繽繼
480	
490	
4A0	簒鑍耀膧艦藻藹蘑藺蔰耫蘇蘊蠔蟜
4B0	褍覮籋議譬摮譯譟譫鸁賶躉蹂躅躂醴
4C0	釋鐘鐃鏽閽霚飄鐃饑鏧寚腃縣騵鳃鰍
100	鹹麵 簺鼯齨魩魿儮儸囁颹聓蘌麘義熚
4 F O	優攝進爛量想欄橋飛漄懫犧瓖瓔爾膽
4 E O	꺝纑癗 匤 蔠蕳緈 慪弿 惖崰逇澀譼濾
<u> </u>	川水 安全市党 序手 テト・「東」 ボナ 川村 東東 東美 単語 1 及 1 紀 ノン ログ
	0123456789ABCDEE
540	近日とうインの「ロクロロレレ」
	····································
$\frac{220}{500}$	消費月許 26 著 現泉 電 電示 影 新 安 / 思 / 電 (空) 必 なり ぐっ ごり 声: 申文 きえよ II 会日 記 記 空 話 第 電
560	● 単一、「読みたう 第二 第二 単二 型 「 型 」 型 「 型 」 型 「 型 」 型 「 型 」 型 「 型 」 型 「 型 」 型 「 型 」 型 」
570	学與習骂影舞惟臥鹿狒雑瓢登滬鼎
580	
590	
5A0	禐龍賴鼞聽臧襲儭觼謴膹贗躑 躓譖
5BO	酈鑄鑑鐾薺薶轋韁顫饏躸騯髒鬚鰵鰱
5CO	鰾鰻鷓鶝鼲齬齪龔囌 巖戀攣攫攪躧欐
5D0	瓚竊籖籣籥缨纖纔臢蘸蘿蠱變邐邏鑢
5 ± 0	皪鑤靨頿擪鶭驛驗髓體髑鳝鳞鱖鶭麟
5FO	微幅探缆感感睛真线罪を喜思語意
	[爲["蜀」]]見(尋加洋田原片重重)][[[中島」]]至2]]推」[177][[17]]
	[誤】"蜀·新]見(新/7年/9月重重》語中語·王王王 推J G衣 D克
	123456789ABCDEF
640	敵騎朝夏朝旗旗旗旗軍曜轉基茲軍隊或 0123456789ABCDEE 讖艶贛醸罏藶耍靎韃顰鄹鬌魇鱟鷹鷺
640 650	廠場到見構成跟正確將基金面成改 0123456789ABCDEF 識艷贛釀罏整耍靎穩望緊鬢殘鱟鷹騺 鹼鹽鼇齷齲廳欖灣籬籮蠻蠻瓹暈釁鑲錀
640 650 660	廠場到見佛萊爾亞囉輕茲茲直或改 0123456789ABCDEE 讖艶贛醸罏藶茲靎穩望緊鬢贬鱟鳸騺 鹼鹽髱齷齲廰欖涔籬籮肈銰躡釁鑳潝 顅餦髖毻黌滐矚濴讘韄驙騝纜讜躪鬫
640 650 660 670	廠場鐗偍檰靋顄፲囉礊琧琧齓硡碊 0123456789ABCDEE 瀐艶贛醸罏薼茲靎褼堏欼鬕贬鱟鳸騺 鹼鹽髱齷齲廰欖涔籬籮肈銰瓃釁鑳謒 顅餦顝橇黌滐曯澿讘鞜驙繴缆讜躪鬫 鑽鍙鑼鰸魖黰豓瑿鸚爨騉鬰ଣ騺箶
640 650 660 670 680	敶啺蛡萈翉靋顄፲囉礊琧琧閵硡碊 0123456789ABCDEF 讖艶贛虅鑪靂歰靎轓顰鄹鬌魇鱟鷹騺 鹼鹽鼇旞齲廰欖裷籬籮攅瓹羃貗錀 顅鋔臗橇黌꽱曯灠攝韄驉驐缆讜躪鬫 鑽鐢鎐鰸蠦黷豔瑿鸚翜騉鬰譪鸞蓊
640 650 660 670 680 690	敶啺蛡萈樃靋顄 <u>正嚾礊舙鼖閵</u> 硡碊 0123456789ABCDEE 讖艶贛蔭鑪靂霻靎轓顰鄹鬕魇鱟鷹騺 鹼鹽홥鹺齲廰欖裷籬籮鐢覠囁縏饟踚 顏餞髖橇黌滐矚澿讘韄驙騣缆譨躪鬫 鑽鐢鑃鰋黸黷豔鐅鸚翜騉鬰鸛鸞蓊
640 650 660 670 680 690 6A0	(1) (1) (1) (1) (1) (1) (1) (1)
640 650 660 670 680 690 640 680	國 切見 開か 順正確 料 基 基 直 成 成 ① 1 23456789ABCDEF 識艶鏡 臨 遮 塵 雲 露 軽 壁 驟 鬢 尾 鷽 鷹 鷺 鹼鹽 髱 庭 齲 廳 欖 港 籬 壁 嬰 髪 髪 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗 麗
640 650 660 670 680 690 640 680 680	國 切見 開か 限 正確 特 基 会 前 成 成 の 1 23456789ABCDEF 識艶鏡 薩 艫 塵 靈 霊 羅 望 驟 鬢 尾 鷽 鷹 鷺 鹼 鹽 電 齷 齲 廳 欖 港 籬 鑒 鏨 襲 爨 麗 鬱 龍 鷽 篇 顧 戲 髖 髱 覺 꽕 矚 濃 攝 鏨 鸚 爨 麗 鬱 鶴 鷽 鶴 麗 鶴 麗 蠶 墨 鸚 爨 麗 鬱 鶴 鷽 鶴 鷽 鬱 電 動 ああいいううええおおか がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに
640 650 670 680 690 640 680 60 600	(123456789ABCDEF) 議題續薩驢蹇雲露騷顰驟鬢魇鱟鷹鷺 鹼鹽電齷齲廳欖灣籬羅攀觀緊鬢魇鱟鷹鷺 鹼鹽電齷齲廳欖灣籬羅攀觀蹑襲號纜濃躪斷 貸鍙鑼鱷驢黷豔鑿鸚爰艱鬱藹鸞籲
640 650 670 680 690 640 680 60 60 60 60 60	(123456789ABCDEF) 議動領境は強速要認疑望影響魔盪魔猛 藤鹽菴庭齲廳欖港籬維塑觀攝掌鑲論 顧儀積私聲灘矚讚攝聽嬰鸚奏顕鬱鶴鸞鏑 登
640 650 670 680 690 640 680 60 60 60 60 60 60 60 60 60 60 60 60 60	(123456789ABCDEF) 議題續磁總歷空露騷望驟鬢殘鱟鷹鷺 論驗鹽電磁廳廳欖灣籬繼蠻觀躡釁鑲鑰 顧儀髖私覺灤矚讚攝聽鑒驟變驟變聽鬱藹鸞 登纏鑼鱷驢黷豔鑿鸚奚雖鬱藹鸞籲 登纏鑼鱷驢黷豔鑿鸚奚雖鬱藹鸞籲 登婆鑼鱷驢黷豔鑿鸚奚雖鬱藹鸞籲 意あいいううええおおか がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぼぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ
640 650 670 680 690 640 680 60 60 60 650 650	(1) 23456789ABCDEF 識艶贛醸罏塵茲露韃顰驟鬢魇鱟鷹鷺 鹼鹽菴齷齲廳欖灣籬籮蠻觀贏釁鑲鑰 顏鏡髖髱黌灤矚讚攝韃驢驥爦謊躪斷 鑽鑾鑼鱷驢黷豔鑿鸚爨戰鬱鸛鸞籲 がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぼぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ
$ \begin{array}{c} 6 4 0 \\ 6 5 0 \\ 6 6 0 \\ 6 7 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	(123456789ABCDEE) 議題續磁議整雲露騷望驟鬢殘傷鷹驚 論驗鹽電齷齲廳欖灣籬籬蠻觀贏釁鑲鑰 顧儀髖橇覺灤矚讚攝難琞鸚樂麗鬱鸛鸞鏑 登樓鑼鱷驢黷豔瑿鸚樂麗鬱鸛鸞蓊 ああいいううええおおか がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ねのはばばひびぴふぶぷへべぺほ ぼぼまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ の123456789ABCDEE
640 650 670 680 680 680 680 680 60 60 60 60 60 60 60 60 60 60 740	(1) 23456789ABCDEE 識艶贛磁鑪蓬茲露騷顰驟鬢魇鱟鷹鷺 鹼鹽電齷齲廳欖灣籬籬蠻觀贏釁鑲鑰 顧機髖橇覺灤矚讀攝點琞鸚樂騙鬱舊鷽箔 がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ねねのはばばひびぴふぶぷへべぺほ ぼぱまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ
$ \begin{array}{c} 6 4 0 \\ 6 5 0 \\ 6 7 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 7 4 0 \\ 7 5 0 \\ \end{array} $	(1) 23456789ABCDEE 識艶贛磁鑪蹇茲露騷顰驟鬢魇鱟鷹鷺 鹼鹽電齪齲廳欖灣籬籬蠻觀贏釁鑲鑰 顧機髖橇覺灤矚灑燙攝難琞뿷纜濃躪斷 鑽鍙鑼鱷驢黷點鑿鸚奚驪鬱鸛鷽蓊 かきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぼぱまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ
$ \begin{array}{c} 6 4 0 \\ 6 5 0 \\ 6 7 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 7 4 0 \\ 7 5 0 $	(1) 23456789ABCDEF 識艶贛磁鑪蹇雲靄騷顰驟鬢魇鱟鷹鷺 鹼鹽電齪齲廳欖灣籬籬蠻觀贏釁鑲鑰 顏鏡髖橇覺灤矚灑滠韀驢驥爦謊躪斷 鑽鍙鑼鱷驢黷豔鑿鸚爨驪鬱鸛鸞蓊 かきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ばぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ () 123456789ABCDEF エォオカガキギクグケゲコゴサザシ ジスズセゼソゾタダチヂッツヅテデ トドナニマネノハバパトビピッブプ
$ \begin{array}{r} 6 & 4 & 0 \\ 6 & 5 & 0 \\ 6 & 6 & 0 \\ 6 & 8 & 0 \\ 7 & 8 & 0 \\ 7 & 8 & 0 \\ 7 & 8 & 0 \\ 7 & 7 & 0 \\ \end{array} $	(1) 23456789ABCDEF 識艶嶺磁鑪整空靄騷望緊鬢殘魚凜 論驗鹽電齷齲廳欖灣籬籮蠻觀漏釁霧論 顧饒預橇覺灤矚濃攝輻驢驥蹑謊蹦蘭 鑽鍙鑼鱷驢讓點鑿鸚爨驪鬱鸛鸞籲 ああいいううええおおか がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぽぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ 0123456789ABCDEF エォオカガキギクグケゲコゴサザシ ジスズセゼソゾタダチヂッツヅテデ トドナニヌネノハバパヒビビフブプ へベペヰボポマミムメエャヤ-コ
$ \begin{array}{c} 6 4 0 \\ 6 5 0 \\ 6 6 0 \\ 6 7 0 \\ 6 8 0 \\ 6 9 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 7 4 0 \\ 7 5 0 \\ 7 5 0 \\ 7 6 0 \\ 7 7 0 \\ 7 8 0 $	(1) 23456789ABCDEF 識艶鏡磁遠塵茲靄騷望緊鬢殘魚驚 鹼鹽電能結廳應欖灣籬箍繼蠻觀贏釁鑲鑰 顧鏡髖橇覺灤矚濃攝輻號驟變樂鍵鬱ৱ 續鐵電輻點讓點堅勢樂麗鬱鸛鸞鏑 がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぽぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ 0123456789ABCDEF エォオカガキギクグケゲコゴサザシ ジスズセゼソゾタダチヂッツヅテデ トドナニヌネノハバパヒビピフブプ へべペホボポマミムメモャヤュユ
$ \begin{array}{c} 6 4 0 \\ 6 5 0 \\ 6 6 0 \\ 6 7 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 7 4 0 \\ 7 5 0 \\ 7 5 0 \\ 7 5 0 \\ 7 5 0 \\ 7 7 0 \\ 7 8 0 $	(1) 23456789ABCDEF 識艶鏡薩鑪塵茲靄騷望緊鬢殘魚驚 鹼鹽電齷齲廳欖灣籬籬蠻觀贏釁鑲鑰 顧鏡髖橇覺灤矚濃攝輻驢驥蹑聽變樂艱鬱鬱驚 當 ああいいううええおおか がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぽぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ 0123456789ABCDEF エォオカガキギクグケゲコゴサザシ ジスズセゼソゾタダチヂッツヅテデ トドナニヌネノハバパヒビピフブプ へべぺホボポマミムメモャヤュユ
$ \begin{array}{c} 6 4 0 \\ 6 5 0 \\ 6 6 0 \\ 6 8 0 \\ 6 9 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 6 8 0 \\ 7 4 0 \\ 7 5 0 \\ 7 5 0 \\ 7 5 0 \\ 7 6 0 \\ 7 7 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 \\ 7 8 0 \\ 7 9 0 \\ 7 8 0 $	(1) 23456789ABCDEF 識艶鏡薩鑪塵茲靄穩望緊髮殘鱟鷹鷺 鹼鹽電齷齲廳欖灣籬籬蠻觀環覺讓簡 顧鏡預私覺灤矚濛攝輻驢驥疑讓聽 續變響輻驢聽點點整點樂課覺聽 愛婆羅輻驢聽點點整點樂課覺聽 がきぎくぐけげこごさざしじすずせ ぜそぞただちぢっつづてでとどなに ぬねのはばばひびぴふぶぷへべぺほ ぼぽまみむめもゃやゅゆょよらりる れろゎわゐゑをんァアィイゥウェ 0123456789ABCDEF エォオカガキギクグケゲコゴサザシ ジスズセゼソゾタダチヂッツヅテデ トドナニヌネノハバパヒビピフブプ へべぺホボポマミムメモャヤュユ

ヶДЕЁЖЗИЙКЛМУФХЦЧ
 ШЩЪЫЬЭЮЯабвгдеёж
 зийклмнопрстуфхц
 чшщъыьэюя①②③④⑤⑥⑦
 ⑧⑨⑩(1)(2)(3)(4)(5)(6)(7)(8)(9)(0)

	0123456789ABCDEE	0123456780ABCDEE
C840	CC40	它125450789ABC0EF 坨坅夌奅妵妹蚶姎妲姌姁妶妼姃姖妱
C850	CC50	婶姀妗妴姇孢孥宓宕屄屇岮岤岠岵岯
C860	CC60	岨岬峡岣岭岢岪岧岝岐岶坳岦帗帔帙
C870		招弢射抵录徂待祗忞怎忆怦怙怲怋
cso0	CCS0	
C840	CCAO	枕招告保伸林子生物
CSBO	ССВО	怜戔戽抗抴拑抾抪抶拊抮抳抯抻抩抰
C8C0	C C C O	抸
<u>C 8D 0</u>	CCDO	盼曶朊枅杬枎枒杶杻枘枆构栨枍枌杺
CSEO	CCEO	<u> </u>
<u>soru</u>		{这{千/千/小/日/小/以{及/例/[H]/田/9/天/[]/冲
	0123456789ABCDEF	0123456789ABCDEF
C940	Xセロロ厂万丌七テロ兀中彳丏有与 CD40	狐泝沴沊林桥泞洞讵泍泇沰泹泏泩劲
<u>C950</u>	乱开仂仉仉冘知叩杂圠为夫心市无殳 CD50	快炘炅料炆畑炑炖怂炚炃牪狖狋狘狉
C960		猫狮犯 担狂浮井坊 堆块坊圿坍坪 赵 坞 虻畕巡事完如脸旺旺发红红斑
$\overline{C980}$		
C990	CD 9 0	
C 9 A 0	永 扒 氿 为 太	矷祂礿秅穸 字竻籵糽耵肏肮肣肸肵
<u>C 9 B 0</u>	今份价价低值使存得的有力的别别 <u>CDBO</u>	的规艾荒芜芚芘笋芙茅芮芼芞芺芴芨
C9C0	汤匢匹卍牙叶囡凶比吃均介改吐吐奴 (日1540) 加好地立为你们间间他与于自己会约 在1110	欠今灭孔发勾仁則判则则承见迁过速 就在我们就把那些吃吃吃吃吃点。
C9F0	大吃什开开加地打扮拉拉拉拉拉了	派江2020PMP的20GPADPADPFICPMP/FICPM1K1K1空 振蓓品强度使保健做做你还做做做
C9F0	机朸朻机束朼朳氘汆沱氾汏汊汔汋	到劉勃劼夏诡厗厖庫厘咺咡咭咥哏
CAIO		
<u>CA40</u> CA50	0123456789ABCDEF 洲切物汗犵玎角癿穵网艸艼芀芄艿卢 CE40 西邙邗邗IB3ISTINININENGW存住法体值 CE50	0123456789ABCDEF 呵苟跳味哖咶哅哆咠呰咼咢咾吡哞哅 按挓垟垤姛垗塢挆垔垘垏恍佮去垕吉
C A 4 0 C A 5 0 C A 6 0	0123456789ABCDEF 训切物汗犵玎角癿穵网艸艼芀艽艿虐 (E40) 西邙邗邘邛邔阢阤阠陀佖伻佢佉体佤 (E50) 伾佧侠佟佁佘伭伳伿佡冏冹刜刞刡劭 (E60)	0123456789ABCDEF 啊苟咷咮哖咶哅哆咠呰咼咢咾咄哞咰 垵垞垟垤垌垗垝垛垔垘垏垙垥垚垕壴 复奓姡娮姮娀姱姝姺姽姼姶姤姲媎姛
CA40 CA50 CA60 CA70	0123456789ABCDEF 训切物汗疹玎角癿空网艸艼芀艽艿虐 西邙形形邛邔阢阤阠吃佖伻佢佉体佤 CE50 伾佧侠佟佁佘伭伳伿佡冏泼刜刞刡劭 以留面底厏吰呋吡呔呅吙吜吥吘	0123456789ABCDEF 啊苟咷味哖咶哅哆咠呰咼咢咾吡哞咰 垵垞垟垤垌垗埢垛垔垘垏挄垥壵垕壴 复奓姡娮姮娀姱姝姺姽姼姶姤姲姷姛 姩姳姵姠姾姴姭宨屌峐峘峌峗峋峛
CA40 CA50 CA60 CA70 CA80	0123456789ABCDEF 洲切物犴犵玎角癿穵网艸艼芀芄艿卢 而邙邗珩IBISISISISISISISISISISISISISISISISISISI	0123456789ABCDEF 啊苟咷陎哖咶哅哆咠呰咼咢咾吡哞咰 垵垞垟垤垌垗埢垛垔垘垏垙垥垚垕壴 复奓姡娮姮娀姱姝姺姽姼姶姤姲姷姛 姩姳姵姠姾姴姭宨屌峐峘峌峗峋峛
CA40 CA50 CA60 CA70 CA80 CA90 CA90	0123456789ABCDEF 洲切物环纥玎角癿穵网艸艼芀艽艿虐 西邙形形邛邔阢阤阠吃佖伻佢佉体佤 任住侠佟佁佘伭伳伿佡冏泼刜刞剧劭 为匉卣卲底厏咗呋吪呔呅吙吜吥吘 (E50) (E5	0123456789ABCDEF 同荀咷味哖咶哅哆咠皆咼咢咾吡哞咰 垵垞垟垤垌垗垝垛垔垘垏挄垥垚垕壴 复奓姡姞姮娀姱姝烍姽姼姶姤姲姷姛 姩姳姵姠姾姴姭宨屌峐峘峌峗峋峛
CA40 CA50 CA60 CA70 CA80 CA90 CA90 CA80 CA80	0123456789ABCDEF 浏切物犴犵玎角癿穵网艸艼芀艽艿产 一一 「「「」」」」」」」」 「「」」」」」」」」」 「」」」」」」」 「」」」」」」」 「」」」」」」 「」」」」」」 「」」」」」」 「」」」」」」 「」」」」」」 「」」」」」 「」」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」」」 「」」」 「」」」」 「」」」」 「」」」」 「」」 「」」」 「」」」 「」」」 「」」 「」」」 「」 「	0123456789ABCDEF
CA40 CA50 CA60 CA70 CA80 CA90 CAA0 CAB0 CAC0	0123456789ABCDEF 浏切物汗疹玎角癿穵网艸艼芀芄艿虐 両邙邗邗II邓邓阳阳院佖伻佢佉体佤 任住侠佟佁佘伭伳伿佡冏泼刜刞刡劭 为匉卣卲底厏咗咉吪呔呅吙吜吥吘 中呏呁吨吤沓囮囧囥坁坅坌坉纷坒 拿奀妦妘妠妗妎妢妐妏妧妡宎宒尨尪 岍蚖岈岋物吟岊岆岓岕巠帊帎庋庉庌	0123456789ABCDEF
CA40 CA50 CA60 CA70 CA80 CA90 CA90 CA90 CA90 CA90 CA90 CA90 CA9	0123456789ABCDEF 浏切物环纥玎角癿穵网艸艼芀艽艿虐 一可邙邗邗邛邔阢阤阠吃佖伻佢佉体佤 任住侠佟佁佘伭伳伿佡冏泼刜刞刡劭 以第會卲底厏吰呋吪呔呅吙吜吥吘 「E30	0123456789ABCDEF 同荀咷味哖咶哅哆咠皆咼咢咾吡哞咰 埃垞垟垤埛垗垝垛垔垘垏挄垥垚垕壹 复奓姡姞姮娀姱姝姺姽姼姶姤姲媎姛 姩姳姵姠烇姴姭窕屌峐峘峌峗岣峛 卷峚峉峇峊峖峓峔峏峈峆峎峟峸巹 帲帢帣帠帤庰庤庢庛庣庥弇弮彖征怷 怹恔恲恞恅恓恇恉恛恌恀恂恟怤恄恘 恦恮扂扃拏挍挋拵挎挃拫拹挏挌拸拶
CA40 CA50 CA60 CA70 CA80 CA90 CA90 CA90 CA90 CA90 CA90 CA90 CA9	0123456789ABCDEF 浏切物犴犵玎角癿穵网艸艼芀艽艿产 可邙形形邛邔阢阤阠吃佖伻佢佉体佤 任住侠佟佁佘伭伳伿佡阎泼刜刞剧劭 第會部底厏咗咉吪呔呅吙吜吥吘 (E50) 牛呏呁吨吤沓囮囧囥坁坅坌坉纷坒 条奀妦妘妠妗妎妢妐妏妧妡宎宒尨尪 岍蚖岈鈒岉岒岊岆釿岕巠帊帎庋庉庌 庈庍弅弝彸彶忒忑忐忭忨忮忳忡忤极 饮比忪忻怀忴戺拤抌抎抏抔抯扱扻扺	0123456789ABCDEF
CA40 CA50 CA60 CA70 CA80 CA80 CAA0 CAA0 CAC0 CAE0 CAE0 CAE0	0123456789ABCDEF 浏切物汗犵玎角癿穵网艸艼芀芄艿庐 而邙邗邗耳邔邔阢阤阠吃佖伻佢佉体佤 任住侠佟佁佘伭伳伿佡冏泼刜刞刡劭 \$\\$\\$\$\\$\$\$ \$\\$\$ \$\\$\$\$ \$\\$\$\$ \$\\$\$ \$\\$\$\$\$ \$\\$\$\$ \$\$ \$\$	0123456789ABCDEF 呵苟咷味哖咶哅哆咠皆咼咢咾吡哞咰 垵垞垟垤垌垗埢垛垔垘垏垙垥垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲豬姛 姩姳姵姠姾姴姭窕屌峐峘峌峗峋峛 卷峚峉峇峊峖峓峔峏峈峆峎峟峸巹 帩帢帣帠帤庰庤庢庛庣庥弇弮彖征怷 怹恔恲恞恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扃拏挍挋拵挎挃拫拹挏挌拸拶 振挓挔捒挕掀拰敁殹斪斿昶昡昲呢昜 异昢昳昫昺昝昴昹昮胐胊柁柲柈秣
CA40 CA50 CA60 CA70 CA80 CA90 CA90 CA90 CA90 CA90 CA90 CA90 CA9	0123456789ABCDEF 浏灯物犴犵玎角癿穵网艸艼芀芄艿庐 町邙邗邘邛邔阢阤阠吃佖伻佢佉体佤 伍佧侠佟佁佘伭伳伿佡冏泼刜刞刡劭 为匉卣卲底厏咗呋吡呔哎吙吜吥吘 中呏呁吨吤沓囮囧囥坁坅坌坉纷坒 峯奀妹妘妠妗妎纷蚣妏妧妡宎宒尨尪 岍岏岈蛝物岒岊岆釿齐巠帊帎庋庉庌 庈庍弅弝彸彶忒忑志忭忨忮忳忡忤极 坎忯忪忻怀怜戺抃扰抎抏抔抇报扻抵 次托揭扶扽扲扴攷盰旴旳狊旵杅杇 0123456789ABCDEF	0123456789ABCDEF
CA40 CA50 CA60 CA70 CA80 CA90 CA90 CA90 CA90 CA90 CA90 CA90 CA9	0123456789ABCDEF 浏切物犴犵玎角癿穵网艸艼芀艽艿虐 一面邙形形邛邔邓阤阳吃佖伻佢佉体佤 位住侠佟佁佘伭伳伿佡冏泼刜刞刡劭 外菊卣卲底厏咗咉吪呔呅吙吜吥吘 「F30] 吽呏呴吨吟沓囮囧囥坁坅坌地纷坒 条奀妦妘纳妗妎纷蚣妏妧妡宎宒尨尪 岍蚖岈岋吻哈子型的齿状兮坌地纷坒 冬美好妘纳妗妎纷蚣妏妧妡宎宒尨尪 岍蚖岈岋吻哈告岆岓岕巠帊帎庋庉庌 庈庍弅巶彸彶忒忑忐忭忨忮忳忡忤К 次忧忪忪忻怀怜咜拤扰抎抏抔抇扱扻抵 戊ED0 饮忯忪竹杯怜咜拤扰抎抏抔抇投扻抵 戊FE0 八九刻大地扲扮放町旴旳昗旵杅杇 0123456789ABCDEF 代秋杌杈牠杍杚枳毒氙氚汸汧汫沄沉	0123456789ABCDEF 呵苟咷味哖咶哅哆咠皆咼咢咾吡哞咰 埃垞垟垤垌垗埢垛垔垘垏沋珨垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲媎姛 姓姳姵姠姾裂姭窕屌峐峘峌峗峋峛 送崟峉峇峊峖峓峔峏峈峆峎峟碱巹 躺恰希帛帤庰庤庢庛庣庥弇弮彖征怷 燃忟恲恞恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扃拏挍挋拵挎挃拫拹挏挌拸拶 振挓挔拺挕掀拰敁敃斪斿衪昡昲呢昜 异咄昳昫昺昝昴昹昮胐胊柁柲柈秣 0123456789ABCDEF 柜枻柸柘柀枷梶柫柤柟枵梜枳柷柶柮
CA40 CA50 CA60 CA70 CA80 CA80 CA80 CA80 CA80 CA80 CAE0 CAE0 CAE0 CAE0 CAE0 CAE0 CAE0	0123456789ABCDEF 浏灯切牞犴犵玎角癿穵网艸艼芀芄艿庐 町邙邗邘邛邔阢阤阠吃佖伻佢佉体佤 伾佧侠佟佁佘伭伳伿佡笸泼刜刞刡劭 为匊卣卲底厏咗咉吪呔呅吙吜吥吘 中呏呁吨吤沓졥笸囥坁坅坌坉纷坒 季奀妹妘妯妗妢纷蚣妏妧妡宎宒尨尪 岍岏岈岋吻哈子长城方岕巠帊帎庋庉庌 序序弁弝彸彶忒忑志忭忨忮忳忡忤极 坎忧忪忻怀怜戺拤扰抎抏抔抇扱扻抵 优比切六次平时旳吴旵杅杇 〇123456789ABCDEF 代长枕杌杈牠仔杚枳毒氙氚汸汧汫沄沉 次次沾汨沚汭沇沕涓汦汳沒汴沎炡地	0123456789ABCDEF 呵苟咷味哖咶哅哆咠皆咼咢咾吡哞哅 埃垞垟垤垌垗埢垛垔垘垏垙垥垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲豬姛 姩姳姵姠姾裂姭窕屌峐峘峌峗峋峛 送峚峉峇峊峖峓峔峏峈峆峎峟峸巹 帨給希帛帤庰庤庢庛庣庥弇弮彖征. 悠恔恲恞恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扃拏挍挋拵挎挃拫拹挏挌拸拶 振挓挔埬挕掀拰敁殹斪斿昶昡昲呢昜 异咄昳昫昺昝昴昹昮朏胊柁柲柈秣 0123456789ABCDEF 柜枻柸柘柀枷梶柫柤柟枵柍枳柷柶柮 柣枪袍梢似条束枕掉材有招中拐板
CA40 CA50 CA60 CA70 CA80 CA90 CA80 CA80 CA80 CA80 CA80 CA80 CA80 CA8	0123456789ABCDEF 浏灯物犴犵玎角癿穵网艸艼芀芄艿庐 町邙邗邘邛邔阢阤阠吃仫伻佢佉体佤 伍佧侠佟佁佘伭伳伿佡阎泼刜刞刡劭 为휙卣卲底厏咗呋吡呔呅吙吜吥吘 中呏呁吨吤沓囮囧囥坁坅坌坉纷坒 峯奀妦妘纳妗妎纷蚣妏妧妡宎宒尨尪 岍岏岈鈒吻岒岊岆岓岕巠帊帎庋庉庌 庈庌弁弝彸彶忒忑志忭忨忮忳忡忤极 坎忧恼奶忻怀怜戺拤扰抎抗抔拍报扻抵 戊ED0 大忧扰抈扶扽扲扴攷盰旴旳旲旵杅杇 0123456789ABCDEF 杙大机杈杝杍杚枳毒氙氚汸汧汫沄沉 化大机杈杝杍杚枳毒氙氚汸汧汫沄沉 切汏汯泪祉汭沇沕沜汦汳汥汻讹灯灺 初济犽狃狆狁沆狅玕玗玓玔玒町甹疔 近日の い方奶川和豆豉的比蒜杖が甘茸茸茸	 0123456789ABCDEF 响荷咷味哞咭哅哆咠皆咼咢咾蚍哞ゅ 垵垞垟垤垌垗埢垛垔垘垏垙垥垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲媎姛 姩姳姵姠姾姴姭窕屌峐峘峌峗峋峛 遙峚峉峇峊峖峓峔峏峈哈峎峟碱巹 帲蛤希帛帤庰庤庢庛庣庥弇弮彖征怷 怹恔恲桋恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扃拏挍挋拵持挃拫拹挏挌拸拶 振挓挔捒挕扳拰敁敃斪斿衪昡昲昵昜 异咄昳昫昺昝昴昹昮胐胊柁柲柈秣 0123456789ABCDEF 柜枻柸柘柀枷梶柫柤柟枵梜枳柷柶柮 柣柂枹柎柧栾枲柼柆栜柌枮柦柛枴杉 核柃枷柋岤殂殄殶毖毘毠氠氡洨洴洭 法㳘洒诙拙如洄地论沒详的论述
CA40 CA50 CA60 CA70 CA80 CA80 CA00 CB00	0123456789ABCDEF 浏切物针毯打角癿穵网艸艼芀芄艿壳 一面邙形形邛邔邓阤阳吃铋伻佢佉体佤 位住侠佟侣佘伭伳伿佡冏泼刜刞刡劭 数菊卣卲底厏咗咉吪呔呅吙吜吥吘 中呏呴吨吟沓囮囧囥坁坅坌坉纷坒 条奀妦妘纳妗妎纷蚣妏妧妡宎宒尨尪 岍蚖岈畈吻吟岊岆岓齐巠帊帎庋庉庌 庈庍弅弝彸彶忒忑志忭忨忮忳忡忤极 饮忯忪忻怀怜戺拤扰抎抏抔抇扱扻抵 パ白23456789ABCDEH 代其句0 文浙北坝水物哈哈哈拉抗云抗抔汨扱扻抵 第二日 竹坑胡扶扽扲扮放旰旴的臭旵杅杇 0123456789ABCDEH 代其句0 大抵抗胡扶扽扲扮放矸旴的臭旵杅杇 0123456789ABCDEH 代其句0 大抵抗胡扶扽扲狖放矸圩的刺豇町專疔 近方狩狙狆犹沆狅玕玗玓玔豇町專疔 近年の礼朋局膨敗影苄芏芅芎芑芋	 0123456789ABCDEF 阿苟咷味哖咶哅哆咠皆咼咢咾吡哞咰 垵垞垟垤垌垗埢垛垔垘垏挄珨垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲媎姛 姩姳姵姠姾姴姭窕屌峐峘峌峗峋峛 峞峚峉峇峊峖峓峔峏峈峆峎峟碱巹 幣拾希帛帤庰庤庢庛庣庥弇弮彖征. 燃饺栟恞恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扃拏挍挋拵挎挃拫拹挏挌拸拶 振挓挔捒挕扳拰敁敃斪斿衪昡昲呢昜 异昢昳昫昺昝昴昹昮胐胊柁柲柈秣 0123456789ABCDEF 柜枻柸柘柀枷梶柫柤柟枵梜枳柷柶柮 柣柂枹柎柧夈枲柼柆栜柌枮柦柛枴毝 核柃蚴柋欨殂殄殶毖毘毠氠氡洨洴洭 演注洿洒洊泚洳洄洙洺洚洑洀洝浂
CA40 CA50 CA60 CA700 CA7	0123456789ABCDEF 浏灯物犴犵玎角癿穵网艸艼芀芄艿庐 町邙邗邗耳邔邔阢阤阠吃佖伻佢佉体佤 伾佧侠佟佁佘伭伳伿佡笸泼刜刞刡劭 为匊卣卲底厏咗咉吪呔呅吙吜吥吘 中呏呁吨吤沓졥笸囥坁坅坌坉纷坒 季夭蚌妘纳妗妎纷蚣妏妧妡宎宒尨尪 岍岏岈岋吻哈告岆龂岕巠帊帎庋庉庌 庈庍弅弝彸彶忒忑志忭忨忮忳忡忤极 坎忧忪忻怀怜戺拤扰抎抏抔抇扱扻抵 パ比方? 0123456789ABCDEF 米城城城水沙山东沙公花玉卡忨忮忳忡忤极 第50 《上书30 《日日0) 第一日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	 0123456789ABCDEF 呵苟咷味哖咶哅哆咠皆咼咢咾蚍哞ゅ 垵垞垟垤垌垗埢垛垔垘垏垙垥垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲豬姛 姩姳姵姠姾姴姭窕屌峐峘峌峗峋峛 卷峚峉峇峊峖峓峔峏峈峆峎峟碱巹 帲帢帣帠帤庰庤庢庛庣庥弇弮彖征. 悠恔恲恞恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扄拏挍挋拵挎挃拫拹挏挌拸拶 振挓挔埬挕掀拰敁敃斪斿昶昡昲呢昜 异昢昳昫昺昝昴昹昮朏胊柁柲柈秣 0123456789ABCDEF 柜枻柸柘柀枷梶柫柤柟枵柍枳柷柶柮 柣柂枹柎柧夈枲柼柆栜柌枮柦柛枴毝 柊柃柪柋欨殂殄殶虙毘毠氠氡洨洴洭 洟洼洿洒洊泚洳洄洙洺洚洑洀洝浂
CA40 CA50 CA60 CA70 CA70 CA70 CA70 CA90 CA00 CA00 CB00 C	0123456789ABCDEF 浏灯切钓犴犵玎角癿穵网艸艼芀芄艿庐 町邙邗邘ェ郎邵杌阤阠吃毯伻佢佉体佤 位作侠佟佁佘伭伳伿佡阎泼劓刞刡劭 幼휙卣卲底厏咗呋吡呔哎吙吜吥吘 中呏呁吨吤沓囮囧囥坁坅坌坉纷坒 条奀妹妘纳妗妎纷蚣妏妧妡宎宒尨尪 听岏岈最吻吟告岆岓岕巠帊帎庋庉庌 序序弁弝彸彶忒忑志忭忨忮忳忡忤极 坎忧忪が怀怜戺拤扰抎抏抔抇扱扻抵 パビ子① 〇123456789ABCDEF 村大坑水水水 第三〇〕 大竹松村杯や怜戺拤扰抎抏抔抇投扻抵 第三〇〕 大抗抗拐扶扽扲扮攷盰旴旳旲旵杅杇 〇123456789ABCDEF 代大机杈杝杍杚枳毒氙氚汸汧汫沄沉 代日① 代大机杈杝杍杚枳毒氙氚汸汧汫沄沉 竹子⑤① 「子50] 竹芥狩狙狆狁沆狅玕盱玓玔玒町粤疔 第50〕 「子50〕 洋方① 「子60〕 「好分別」 「子10〕 「子50〕 「子50〕 「子70」 「子50〕 「子50〕 「子70〕 「子50〕 「子30〕 「子50〕 「子70〕 「子50〕 「子50〕 「子50〕 「子50〕 「子50〕 「子50〕	0123456789ABCDEP 阿苟咷味哖咶哅哆咠皆咼咢咾吡哞哅 埃垞垟垤垌垗埢垛垔垘垏垙垥垚垕支 复奓姡姞姮娀姱姝姺姽姼姶姤姲豬姛 姓姳姵姠姾姴姭窕屌峐峘峌峗峋峛 遙峚峉峇峊峖峓峔峏峈哈峎峟碱弩 帲哈希帛帤庰庤庢庛庣庥,弇弮彖
CA40 CA50 CA60 CA70 CA80 CA90	0123456789ABCDEF 浏切物行犵玎角癿穵网艸艼芀芄艿庈 「「「「「」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」	 0123456789ABCDER 阿苟咷味哖咭哅哆咠皆咼咢咾吡哞哅 埃垞垟垤垌垗埢垛垔垘垏挄珨垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲媎婀 姓姳姵姠姾姴姭窕屌峐峘峌峗峋峛 峞峚峉峇峊峖峓峔峏峈哈峎峟碱巹 帲帢桊帠帤庰庤室庛庣庥弇弮彖征. 燃忟恲恞恅恓恇恉恛恌恀恂匈怤恄恘 恦恮扂扃拏挍挋拵挎挃拫拹挏挌拸拶 振挓挔捒挕扳拰敁敃斪斿衪昡昲呢昜 异咄昳昫昺餄昴昹昮胐胊柁柲柈秣 0123456789ABCDEF 柜枻柸柘柀枷梶柫柤柟枵梜枳柷柶柮 柣柂枹柎柧夈枲柼柆栜柌枮柦柛枴葮 核柃柪柋欨殂殄殶毖毘毠氠氡洨洴洭 洟洼洿洒洊泚洳洄洙洺洚洑洀洝浂 詰洘洷洃洏浀洇洠洬祪洢洉洐炷炟
CA40 CA50 CA60 CA70 CA70 CA70 CA70 CA70 CA70 CA70 CA7	0123456789ABCDEF 浏灯物犴犵玎角癿穵网艸艼芀芄艿庐 可邙邗邘邛邔阢阤阠吃佖伻佢佉体佤 (E50) 広存供供各冶佘伭伳伿佡笸泼刜刞刡劭 (E60) 外朝自邵底厏咗咉吪呔呅吙吜吥吘 (E50) 叶呏呴吨吩沓砲笸囥坁坅坌坉纷坒 (E50) 季天蚌妘纳妗妎纷蚣妏妧妡宎宒尨尪 (E50) 听蚖岈畈吩沓砲笸囥坁坅坌坉纷坒 (E50) 子軒 (E50) 小坑蚜岋吻吟告岆岓岕巠帊帎庋庉庌 (E50) 牙方 (E50) 小坑岈岋吻哈告岆岓岕巠帊帎庋庉庌 (E50) 「方方子?? (E50) 「大杭切板」「竹竹的炒奶奶」 (E50) 「大杭切大池村木村村村村市 (E50) 「日1100000000000000000000000000000000000	 0123456789ABCDEF 呵苟咷味哖咶哅哆咠皆咼咢咾吡哞哅 埃垞垟垤垌垗埢垛垔垘垏沋拾垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲豬姛 姓姳姵姠姾裂姭窕屌峐峘峌峗峋峛 遙峚峉峇峊峖峓峔峏峈峆峎峟蝺弩 解哈希帛帤庰庤室庛庣庥弇弮彖征.
CA40 CA50 CA60 CA70 CA70 CA80 CA80 CA80 CA80 CA60 CA60 CA60 CA60 CA60 CA60 CB50 CB50 CB50 CB50 CB50 CB50 CB50 CB5	0123456789ABCDEF 浏灯物针孩玎角癿穵网艸艼芀芄艿庐 而邙邗邗II忍I阢阤阠陀佖伻佢佉体佤 亿伟侠佟佁佘伭伳伿佡阎泼刜刞刡劭 为匉卣卲底厏咗咉吪呔呅吙吜吥吘 (E50) 小竹和鸡座你杏囡巴D玩垮坌地纷坒 (E50) 中呏鸡吨吩沓偭囧囥坁坅坌地纷坒 (E70) 辛买妹妘纳妗妎纷必妏妧妡宎宒尨尪 (E80) 听岏岈畈吻哈玉岆忻岕巠帊帎庋庉庌 (E80) 停户介記状式无示打扮大玩 (E90) 水杭奶好飯物吟呂岆岓岕巠帊帎庋庉庌 (E60) 今方弁弝彸彶忒忑志忭忨忮忳忡忤极 (E90) 火竹松树木や冷化疗扰扰抗抔拍扱扻抵 (E90) パ竹松初衣添古社內洗狗沢派波汥汴沎灯地 (E90) パ竹水河池が流洋肝野玓玔玎町専疔 (F40) 花丸和分流洋肝野玓玔玎町専疔 (F50) 「許多0) (F50) 「好你找你們使作你俗像你們使信個倚僅很做個個 (F90) 「日90) (F50) 「日90) (F50)	 0123456789ABCDEF 呵苟咷味哖咶哅哆咠皆咼咢吨吡哞哅 埃垞垟垤垌垗埢垛垔垘垏垙垥垚垕壴 复奓姡姞姮娀姱姝姺姽姼姶姤姲豬姛 姩姳姵姠姾姴姭窕屌峐峘峌峗岣峛 卷峚峉峇峊峖峓峔峏峈峆峎峟碱弩 帲帢帣帠帤庰庤庢庛庣庥弇弮彖征. 被 (竹 快 桂 恓 恒 忙 恒 他 移 佝 匈 怤 佶 桃 恦 檜 忽 佑 古 拉 竹 快 桂 恓 恒 忙 移 佝 匈 怤 佶 桃 恦 檜 刻 花 枯 拉 將 按 唐 座 庇 底 庥 弇 弮 彖 征 他 於 希 帛 帤 庰 序 庢 庛 底 底 森 含 参 彖 征 拉 約 弁 序 庢 庛 底 底 森 含 参 彖 征 他 校 村 快 桂 杏 檀 和 8 秒 万 板 竹 樹 特 枝 物 均 怤 佶 桃 杨 尚 段 奇 敬 加 9 前 8 前 8 前 8 前 1 的 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

	0122456780ABCDEE		0123456780ABCDEE
$\mathbf{D} 0 1 0$		D 4 4 0	1234307898日にした
D040	关地亡工忆机被14处杆约84级不久手 班 # 新科技大时開始即時期時期	D440	前他到到到机穴吵干到芯它和1头面161米 (m/c/c/兆/m/c//c//注/fi//分//注//fi////////////////////////
D050	祖考哭耏针耸胚肺肽肌板肿脑肤肥胖	D450	1发1至1件1方1芯1应1定1件1由1内1大1型1里1呈1月1行
D060	胜朐胕胉胏胗胦胍臿舡芔苙苾苹茇苨	D460	倍個樁俠偉備值風徑劇星喘剮勖勖勸
D070	茀苕茺苫苖苴苬苁苲苵茌苻苶苰苪	D470	厜 啵啶唼啍啐唴唪啑啢唶唵唰啒啅
0080		D 4 8 0	
$\mathbf{D} \mathbf{O} \mathbf{O} \mathbf{O}$		$D + Q \cap$	
D O = O	キキ キキ キキ キキ キャ ルエルイルールタ ナーダニタエタル ション分(D + O	11年1月1日本1月1日本1日本1日本1日本1日本1日本1日本1日本1日本1日本1日本1日本1日本1
DOAU	工民母冬幼针虹虹到孟们打他仪 <u>刚</u>	D4A0	
$\mathbf{D} \mathbf{O} \mathbf{B} \mathbf{O}$	這訂辺進延進近那對部跡卻和師師師	D 4 B O	<u>執</u> 望道堀球埽墹场堋焰埏重炎坪琫靖
DOCO	釔釓陔陏陑陓陊陎倞倅倇倓倢倰倛俵	D4C0	埬埡堎埼堐埧堁堌埱埩埰堍堄猆婠婘
DODO	俴倳倷倬俶俷倗倜倠徖倵倯倱倎党冔	D4DO	捷婧婞娸娵婭婐婟婥婬婓婤婗婃婝婒
DOFO	蕃凊凄凋凈冷剡割剒剞剟剕氡勍胷厞	D + E O	婄婛婈媎娾婍娹埱婰婩婇婑嫀婂婜孲
DOEO		D I E O	滨宝 家扇蟾鼻帱崚慵艉鰆崍崹崥銽
L/ (7 1° (7	4/0开以20日的小小1020之日。只如日中日中日中于		
			010245(700)
	0123456789ABCDEF		UIZ3456789ABCDEF
D140	唊哻哷哸哠唎唃唋圁圂埌堲埕埓垺埆	D540	鯔萃萎崟崮帾帴庱厝庹庲庳弶弸徛徖
D150	垽垼垸垶 垿埇埐垹埁夎奊娙娖娭娮娕	D550	调悊悐悆悾悰悺惓惔惏惤惙惝惈悱惛
D160	娏娗娊婬娳孬宧宭窚尃屖屔峬峿峮峱	D560	悷惊恡惃惍惀挲捥掊掂捽掽裧掭掝掗
D170	去省余峪岭 客席底取弧硝或恝圭顶	D570	撤拾捆掇掐握指抽投搜 振择挪扬掟
D 1 0	十氏面积17/14/16/12/12/月3/16/16/16	D = S O	网动动动风口面肉风口口中网又加加全元
D180		D <u>580</u>	
D130		0590	
D1AO	恁恨慽悀悒愵悝悃悕悛悗悇悜悎賦	D5A0	捸 掅掁 掑掍捰敓旍晥晡晛晙晜晢胺
D1BO	扆拲挐捖挬捄捅挶捃揤挹挌捊挼挩捁	D5BO	桅梇梐梜桭桮梮梫楖桯梣梬梩桵桴梲
D1C0	挴捘 捔捙挭捇挳捚捑挸捗捀捈敊敆旆	D5C0	梏桷梒桼桫桲梪楝桱桾梛梖梋梠梉梤
D1D0	旋 旋胺 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医 医	D5D0	稀格树栓抑变軟軟軟软软液球碎破网
$\mathbf{D} 1 \mathbf{E} \mathbf{O}$	机研扰转动转振转终终转转动和机块	$D \overline{S} \overline{E} \overline{O}$	· · · · · · · · · · · · · · · · · · ·
D = C		D = E O	(たくらも)地(エイル、手(タイジバルイネ、ほく)汁(血()汁()()) うからない知い知いたいかいケンドションタンキシ目で見つま
D Γ F O	作用作等作言:宋:宋:汉次后人因人百人民人时为半夕里月七九5	D > F O	(音(求(閒)肥(啊)砣(臼(窅(床(忍)倍(空(守(天(术
	0123456789ABCDEF		0123456789ABCDEF
D240	<u>0123456789ABCDEF</u> 琵毣毢毧氥浺浣浤浶洍浡涒浘浢浭浯	D 6 4 0	0123456789ABCDEF 温滤苈淽淗凋淣涻烺焍烷焗煙焌烰焄
D240 D250	0123456789ABCDEF 毯毣毢毧氥冲浣浤浶洍浡涒浘浢浭浯 涑涍淯浿涆浞浧浠涗浰浼浟涂挨洯涞	D640 D650	0123456789ABCDEF 唱號 洗 滿 淘 洞 況 涻 烺 娣 烷 焗 煙 焌 烰 焄 烳 焐 琢 那 娟 焓 焀 烸 烶 焚 焂 焎 牾 牻 挳 牿
D240 D250 D260	0123456789ABCDEF 毯毣種毧氥冲浣浤浶洍浡涒浘浢浭浯 涑涍淯浿涆浞浧浠涗浰浼浟涂挨洯涞 浡浾凕涄洖涃浻浽浵涐塇烓烑丞休缶	D640 D650 D660	0123456789ABCDEF 温滤涝淽淗凋浣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焓烸娗焋焂焎牾牻挳拮 猝猗猇徲猘猊猈狿獩狑玈递珸珵磒跿
D240 D250 D260	0123456789ABCDEF 毯毣種毧氯冲浣浤浶洍浡涒浘浢浭浯 凍涍済浿涆浞浧浠涗浰浼浟涂挨洯涞 涋浾涀涄渓涠浻褑浵涐煊烓烑烝烋缹 佐核ば坳烠쎼焅烅焲於於烎淼蹃牸	$\begin{array}{c} D 6 4 0 \\ \overline{D 6 5 0} \\ \overline{D 6 6 0} \\ \overline{D 6 7 0} \end{array}$	0123456789ABCDEF 温滤涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸娗焋焂焎牾牻挳牿 猝猗猇猑猘猊猈狿猏猞兹珶珸珵弲琁 哥悉待进租旺咪诿雅玶赔貪窝瘩瘩
D240 D250 D260 D270	0123456789ABCDEF 毯毣種毧氯冲浣浤浶洍浡涒浘浢浭浯 凍涍済浿涆浞涅浠涗浰浼浟涂涘洯涞 涋浾涀涄渓涠浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎夈牂牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0	0123456789ABCDEF 倡流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸娗焋焂焎牾牻牼牿 猝猗猇猑猘猊猈狿骟猞玈珶珸珵弲琁 珽琇琀珺珼珿琌琋珴琈畤畣痎痒痏
D240 D250 D260 D270 D280	0123456789ABCDEF 毯毣種毧氯冲浣浤浶洍浡涒浘浢浭浯 凍涍済浿涆浞浧浠涗浰浼浟涂挨洯沫 涋浾涀涄渓涃浻浽浵涐煊烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎夈牂牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0	0123456789ABCDEF 倡流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸烶焋焂焎牾牻牼牿 猝猗猇猑猘猊猈狿骟猞玈珶珸珵琄琁 珽琇琀珺珼珿琌琋珴琈畤畣痎痒痏
D240 D250 D260 D270 D280 D290	0123456789ABCDEF 毯毣種毧氫冲浣浤浶洍浡涒浘浢浭浯 凍涍済浿涆浞浧浠涗浰浼浟涂挨洯沫 涋浾涀涄渓涃浻浽浵涐煊烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎夈牂牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 9 0	0123456789ABCDEF 唱流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸烶焋焂焎牾牻挳牿 猝猗猇猑猘猊猈狿骟猞玈珶珸珵琄琁 珽琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D290 D240	0123456789ABCDEF 毯毣種毧氯冲浣浤浶洍浡涒浘浢浭浯 凍涍淯浿涆浞浧浠涗浰浼浟涂挨洯沫 涋浾涀渟渓涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎夈羘牸 拴牶猀狺狴狾狶狳狻猁珓珙珥珖玼	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 9 0 D 6 A 0	0123456789ABCDEF 唱流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸烶焋焂焎牾牻挳牿 猝猗猇猑猘猊猈狿骟猞玈珶珸珵琄琁 珽琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D290 D290 D2A0 D280	0123456789ABCDEF 毯毣種毧氫冲浣浤浶洍浡涒浘浢浭浯 凍涍滴浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀渟淏涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎烡羘牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 9 0 D 6 A 0 D 6 B 0	0123456789ABCDEF 温滤苈淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焗焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿漏猞玈珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病 疾癎疼痐缾皉盓眹眯眭眱眲眴眳眽 皆眻眵硈硒硉硍硽硌砦硅硐祤狣祩祪
D 2 4 0 D 2 5 0 D 2 6 0 D 2 7 0 D 2 8 0 D 2 9 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 6 0	0123456789ABCDEF 毯毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 凍涍滴浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀涄渓涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎烡羘牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 8 0 D 6 4 0 D 6 8 0 D 6 8 0 D 6 6 0	0123456789ABCDEF 温滤涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焗焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿漏猞玈珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D 2 4 0 D 2 5 0 D 2 6 0 D 2 7 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 6 0	0123456789ABCDEF 毯毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 凍涍滴浿涆浞浧浠涗浰浼浟涂挨洯涞 涋浾涀涄渓涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎烡牂牸	$\begin{array}{c} D \ 6 \ 4 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 7 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 0 \ 0 \\ D \ 6 \ 0 \ 0 \\ 0 \ 0 \\ D \ 6 \ 0 \ 0 \\ 0 \ 0 \ 0 \\ 0 \ 0 \ 0 \ 0 \\ 0 \ 0 \$	0123456789ABCDEF 温滤芳淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焗焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒痏 疾癎疼痐缾皉盓眹眯眭眱眲眴眳眽 皆眻眵硈硒硉硍硽硌砦硅硐祤祧袾祪 祣祫祡离秺秸秶秷窏窔窐笵笻笥笰 崑笂筎筀筫笝笱簊筨瘚誔笸箘笱耟粘
$\begin{array}{c} D \ 2 \ 4 \ 0 \\ D \ 2 \ 5 \ 0 \\ \hline D \ 2 \ 5 \ 0 \\ \hline D \ 2 \ 5 \ 0 \\ \hline D \ 2 \ 8 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0$	0123456789ABCDEF 毯毣毢毧氫浺浣浤浶洍浡涒浘浢浭浯 涑涍滴浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀涄淏涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎烡牂牸	$ \begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 6 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 8 0 \\ D 6 8 0 \\ D 6 8 0 \\ D 6 0 \\ D 0 \\ D 6 0 \\ D 0 \\ $	0123456789ABCDEF 温滤芳淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒痏 疾癎疼痐皏皉盓眹眯眭眱眲眴眳眽 皆眻眵硈硒硉硍硽硌砦硅硐祤狣袾祪 祣祫祡离秺秸粢秷窏窔窐笵笻笥笰 苠笤笳笘笪笝笱笫笭笯笲笸笚笣粔粘 鞋辆엳絘纺紶绁ᄱݾ绻絻絇絟
$\begin{array}{c} D \ 2 \ 4 \ 0 \\ D \ 2 \ 5 \ 0 \ 0 \\ D \ 2 \ 5 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0$	0123456789ABCDEF 毯毣毢毧氫浺浣浤浶洍浡涒浘浢浭浯 涑涍滴浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀涄淏涃浻浽浵涐煊烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎烡牂牸	$\begin{array}{c} D \ 6 \ 4 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 7 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ D \ 6 \ 8 \ 0 \\ C \ 8 \ 0 \ 0 \\ C \ 8 \ 0 \ 0 \\ C \ 8 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0$	0123456789ABCDEF 温滤芳淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒痏 疾癎疼痐皏皉盓眹眯眭眱眲眴眳眽 皆眻眵硈硒硉硍礒硌砦硅硐祤祧袾祪 袼祫祡离秺秸秶秷窏窔窐笵笻笥笉 莨菪笳笘笪笝笱笫笭笯笲笸笚笣粔粘 粖粣紵紽緃紶绀絧紬紩絑豞紾鈶絊紻
$\begin{array}{c} D \ 2 \ 4 \ 0 \\ D \ 2 \ 5 \ 0 \\ \hline D \ 2 \ 5 \ 0 \ 0 \\ \hline D \ 2 \ 5 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0 \ 0$	0123456789ABCDEF 钱毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 凍涍滴浿涆浞浧浠涗浰浼浟涂涘洯涞 涋浾涀涄渓涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠烔烍烅烆烇烚烎烡牂牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 8 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0 D 6 0	0123456789ABCDEF 温滤苈淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿煱焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D 2 4 0 D 2 5 0 D 2 6 0 D 2 7 0 D 2 8 0 D 2 9 0 D 2 9 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 5 0 0 D 2 5 0 0 D 2 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0123456789ABCDEF 毯毣毢毧氫浺浣浤浶洍浡涒浘浢浭浯 凍涍滴浿涆浞浧浠涗浰浼浟涂涘洯涞 涋浾涀涄淏涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠姛烍烅烆烇烚烎烡牂牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 8 0 D 6 8 0 D 6 8 0 D 6 8 0 D 6 6 0 D 6 6 0 D 6 6 0 D 6 6 0	0123456789ABCDEF 温滤苈淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿煱焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D 2 4 0 D 2 5 0 D 2 6 0 D 2 7 0 D 2 8 0 D 2 9 0 D 2 8 0 D 2 8 0 D 2 8 0 D 2 6 0 D 2 5 0 0 D 2 5 0 0 D 2 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0123456789ABCDEF 钱毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 凍涍滴浿涆浞浧浠涗浰浼浟涂涘洯沫 淙泳涀渟渓涃浻浽浵涐烜烓烑烝烋缹 烢烗烒烞烠烔烍烅烆烇烚烎夈牂牸	D 6 4 0 D 6 5 0 D 6 6 0 D 6 7 0 D 6 8 0 D 6 9 0 D 6 4 0 D 6 8 0 D 6 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 D 6 0 0 0 0 D 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0123456789ABCDEF 温滤苈淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焗焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿漏猞玈珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤富痎痒病
$\begin{array}{c} D \ 2 \ 4 \ 0 \\ D \ 2 \ 5 \ 0 \\ 0 \ 0 \ 0 \ 0 \ 0 \\ 0 \ 0 \ 0 \ 0$	0123456789ABCDEF 钱毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 涑涍滴浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀涄淏涃浻浽浵涐煊烓烑烝烋缹 烢烗烒烞焴姛烍烅烆烇烚烎烡牂牸	$\begin{array}{c} D \ 6 \ 4 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 7 \ 0 \\ D \ 6 \ 8 \ 0 \\ 0 \ 0 \\ D \ 6 \ 8 \ 0 \\ 0 \ 0 \ 0 \\ 0 \ 0 \ 0 \ 0 \\ 0 \ 0 \$	0123456789ABCDEF 温滤苈淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
$\begin{array}{c} D \ 2 \ 4 \ 0 \\ D \ 2 \ 5 \ 0 \\ D \ 2 \ 5 \ 0 \\ D \ 2 \ 5 \ 0 \\ D \ 2 \ 5 \ 0 \\ D \ 2 \ 5 \ 0 \\ D \ 2 \ 5 \ 0 \\ D \ 2 \ 5 \ 0 \\ \end{array}$	0123456789ABCDEF 钱毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 涑涍滴浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀涄淏涃浻浽浵涐煊烓烑烝烋缹 烢烗烒烞焴姛烍烅烆烇烚烎烡牂牸	$\begin{array}{c} D \ 6 \ 4 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 5 \ 0 \\ D \ 6 \ 7 \ 0 \\ D \ 6 \ 8 \ 0 \\ 0 \ 0 \\ D \ 6 \ 8 \ 0 \\ 0 \ 0 \ 0 \\ 0 \ 0 \ 0 \ 0 \\ 0 \ 0 \$	0123456789ABCDEF 温滤苈淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿煱焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D290 D280 D280 D200 D200 D200 D200 D2F0 D2F0 D2F0 D350 D360	0123456789ABCDEF 我認想越氫沖浣浤浶洍浡涒浘浢浭浯 涑涍淯浿沺浞浧浠涗浰浼浟涂渎洯涞 涋浾涀涄渓涠浻浽浵涐烜烓烑烝烋缹 烢烗烒烞焴烔烍烅烆烇烚烎龚牂牸 Y 全對沙狺狴狾狶狳狻猁玟珙珥珖玭 我珣珩珜珒珛珔珝珚珗珘珨趃起愈瓴瓵 對畛畟疰店疻痄疴疿疶疺皊盉眝昧眐 眓眒昳眑眕眙眚智昭砣砬砢砵砯砨砮 砫砡砩砳砪砱祔袪祏祜祓袑袟秫秬秠 袷柿秪梶釉秝窆窝窅窋窌窊窇竘笎 O123456789ABCDEF 笄с复笏笈笊筦笉笒粄粑枈粌粈粍物 紞紝紑紎纮紖紓紷紒紏萟罜罡罞罠買 贾羖扮猢狲翀酌眆肣땽晐酾踁眦貯ጃ	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 7 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 9 0 \\ D 6 8 0 \\ D 6 8 0 \\ D 6 6 0 \\ D 6 6 0 \\ D 6 F 0 \\ D 6 F 0 \\ D 7 5 0 \\ D 7 5 0 \\ D 7 6 0 \end{array}$	0123456789ABCDEF 温流芳淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿煱焓焀烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿鳻猞兹珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
$\begin{array}{c} D 2 4 0 \\ D 2 5 0 \\ D 2 6 0 \\ D 2 7 0 \\ D 2 8 0 \\$	0123456789ABCDEF 钱翠種毧氫浺浣浤浶洍浡涒浘浢浭浯 涑涍淯浿沺浞浧浠涗浰浼浟涂渎洯涞 淙泳涀涄淏涠浻浽浵涐垣烓烑烝烋缹 炸烗烒烞焴烔烍烅烆烇烚烎龚牂牸	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 7 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 9 0 \\ D 6 8 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 7 0 \\ D 0 \\ D 7 0 \\ D 0 \\$	0123456789ABCDEF 温滤涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焓烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿骟狯玈珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤富痎痒病
$\begin{array}{c} D 2 4 0 \\ D 2 5 0 \\ D 2 6 0 \\ D 2 7 0 \\ D 2 8 0 \\ D 2 8 0 \\ D 2 8 0 \\ D 2 8 0 \\ D 2 8 0 \\ D 2 8 0 \\ D 2 8 0 \\ D 2 6 0 \\ D 2 6 0 \\ D 2 5 0 \\ D 2 5 0 \\ D 3 5 0 \\ D 3 5 0 \\ D 3 6 0 \\ D 3 7 0 \\ \end{array}$	0123456789ABCDEF 我認 超越氫 冲浣 浓溶液 沒海沒 汨淀 沒添え 沒海沒 汨淀 沒添え 沒海沒 汨淀 沒添え 沒海沒 汨淀 沒添え 北 沒海沒 北 北 北 北 常 北 加	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 9 0 \\ D 6 8 0 \\ D 6 5 0 \\ D 7 7 0 \\ D	0123456789ABCDEF 温滤涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焓烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿骟狯玈珶珸珵琄琁 斑琇摿珺珼珿琌琋珴琈畤富痎痒病
D 2 4 0 $D 2 5 0$ $D 2 6 0$ $D 2 7 0$ $D 2 8 0$ $D 2 8 0$ $D 2 8 0$ $D 2 0$ $D 0$ $D 2 0$ $D 0$	0123456789ABCDEF • 我認 • 我 • 我 • 我	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 9 0 \\ D 6 8 0 \\ D 6 5 0 \\ D 7 7 0 \\ D 7 8 0 \\ \overline{ 5 5 0 } \\ \overline{ 5 0 } \\ $	0123456789ABCDEF 温滤涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焓烸烶焋焂焎牾牻挳拮 猝猗猇猑猘猊猈狿骟狯玈珶珸珵琄琁 斑琇摿珺珼珿琌琋珴琈畤富痎痒病
D 2 4 0 $D 2 5 0$ $D 2 6 0$ $D 2 7 0$ $D 2 8 0$ $D 2 8 0$ $D 2 8 0$ $D 2 0$ $D 0$ D	0123456789ABCDEF 我認 超越藏洲院 流流液液 沒一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 5 0 \\ D 7 8 0 \\ D 7 9 0 \\ \end{array}$	0123456789ABCDEF 温流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐烼烿焆焓焓烸烶焋焂焎牾牻挳措 猝猗猇猑猘猊猈狿骟狯玈珶珸珵琄琁 斑琇摿珺珼珿琌琋珴琈畤富痎痒病
D240 D250 D260 D270 D280 D290 D2A0 D280 D2C0 D2C0 D2C0 D2F0 D2F0 D2F0 D350 D360 D360 D360 D370 D380 D380 D380 D380	0123456789ABCDEF 钱毣種毧氫浺浣浤浶洍浡涒浘浢浭浯 涑涍淯浿沺浞涅浠涗浰浼浟涂渎洯沫 決浾涀涄渓涠浻浽浵涐垣烓姚烝烋缹 定核烒烞烠烔烍烅烆烇烚烎夈牂牸	$\begin{array}{c} D640\\ D650\\ D660\\ D670\\ D680\\ D680\\ D680\\ D680\\ D680\\ D660\\ D660\\ D660\\ D660\\ D660\\ D660\\ D750\\ D760\\ D760\\ D760\\ D780\\ D780\\ D790\\ D780\\ D780\\ D790\\ D780\\ D780\\ D780\\ D790\\ D780\\ D70$	0123456789ABCDEF 温流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐坏烿焆焓焓烸烶焋焂焎牾牻牼拮 猝猗猇猑猘猊猈狿谝猞玈珶珸珵弲琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D280 D280 D280 D280 D200 D200 D2F0 D2F0 D2F0 D2F0 D350 D360 D360 D370 D380 D380 D380 D380	0123456789ABCDEF 衰遲種毧氯浺浣浤浶洍浡涒浘浢浭浯 涑涍淯浿涆浞浧浠涗浰浼浟涂涘洯浨 決泳涀涄渓涠浻浽浵涐烜烓烑烝烋缹 炸核烒烞炕烔炕烅烆烇烚烎夈牂牸	$\begin{array}{c} D640\\ D650\\ D660\\ D670\\ D680\\ D690\\ D680\\ D680\\ D660\\ D660\\ D660\\ D660\\ D660\\ D660\\ D750\\ D760\\ D760\\ D760\\ D780\\ D70$	0123456789ABCDEF 温流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐坏烿焆焓焀烸烶焋焂焎牾牻裡措 猝猗猇猑猘猊猈狿骟猞玈珶珸珵弲琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D280 D280 D280 D200 D200 D200 D20	0123456789ABCDEF 钱毣毢毧氥浺浣浤浶洍浡涒浘浢浭浯 涑涍淯浿涆浞浧浠涗浰浼浟涂涘洯浨 涋浾涀涄渓涠浻浽浵涐烜烓烑烝烋缹 炸烗烒烞烠烔烍烅烆烇烚烎夈牂牸	$\begin{array}{c} D640\\ D650\\ D660\\ D670\\ D680\\ D690\\ D690\\ D60\\ D60\\ D60\\ D60\\ D60\\ D60\\ D60\\ D60\\ D750\\ D750\\ D760\\ D760\\ D770\\ D780\\ D790\\ D780\\ D8$	0123456789ABCDEF 温流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐坏烿焆焓焀烸烶焋焂焎牾牻裡措 猝猗猇猩猘猊猈狿骟猞玈珶珸珵弲琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D290 D240 D280 D200 D200 D200 D200 D200 D200 D20	0123456789ABCDEF 衰縮電磁氯冲院浤浶液浡涒浘浢浭浯 涑涍淯浿涆浞浧浠涗浰浼浟涂涘洯浨 決泳況涄渓涠浻浽浵涐垣烓姚烝烋缹 炸核太州/ 榆/ 城/ 恤/ 航/ 全人及 美 定核太小/ 杭/ 榆/ 城/ 恤/ 新/ 全人及 美 下 特拳猀狺狴狾猪狳狻猁玟珙珥珖玼 球珣珩珜珒珛珔珝珚珗珘珨砝龜瓴統 對畛畟疰痁疻痄痀疿疶疺岭盉眝眛眐 試申時眑診眙眚智昭砣砬砢砵砅砨砮 在碌砩砳砪砱祔袪祏祜祓袑袟秫秬秠 各种秪秜釉稀寥窝窅窋窌窊窇竘笎 0123456789ABCDEF 笄芘笈笏笈笊笎笉笒板粑喿粌粈粍物 紅紅紅紋紋/// 新教雅教耾耹胺胲腼胵朓胻秀 异舯舥茳交荄戎美堇荖茿荁茦茜茢 苓蓳茛茪茈茼荍茖茤茠茷茯茩荇荅 蔡荓莨芫茈茼荍茖茤茠茷茯茩荇荅 蔡荓菎茬荋茧荈虓虒蚢蚨蚖蚍蚑蚞蚇 ᡨ4440神衲沟褐谷紛忽会如被研可王	$\begin{array}{c} D640\\ D650\\ D660\\ D670\\ D680\\ D690\\ D690\\ D690\\ D60\\ D60\\ D60\\ D60\\ D60\\ D60\\ D60\\ D60\\ D70\\ $	0123456789ABCDEF 温流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐坏烿焆焓焀烸娗焋焂焎牾牻裡措 猝猗猇猩猘猊猈狿骟猞玈珶珸珵弲琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D290 D240 D280 D260 D200 D200 D2F0 D2F0 D2F0 D2F0 D360 D360 D360 D360 D380 D380 D380 D380 D380 D380 D380 D38	0123456789ABCDEF 衰縮電磁氯冲院浤浶液浡涒浘浢浭浯 涑涍滾浿涆浞浧浠涗浰浼敝涂涘洯浨 決泳涀涄渓涠浻泼浵涐塇烓烑烝烋缹 炸核太太州炕烔炕烅烆烇烚烎夈牂牸	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 6 0 \\ D 6 7 0 \\ D 6 8 0 \\ D 6 9 0 \\ D 6 9 0 \\ D 6 9 0 \\ D 6 0 \\ D 0 \\ D 6 0 \\ D 0 \\ D 7 0 \\ D 0 \\ D 7 0 \\ D 0 \\ D 7 0 \\ D 0 \\$	0123456789ABCDEF 温流涝淽淗淍淣涻烺焍烷焗烴焌烰焄 烳焐坏烿焆焓焀烸烶焋焂焎牾牻挳锆 猝猗猇猑猘猊猈狿骟狯玈珶珸珵弲琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病
D240 D250 D260 D270 D280 D290 D240 D280 D200 D200 D200 D2F0 D2F0 D2F0 D2F0 D350 D360 D360 D370 D380 D380 D380 D380 D380 D380 D380 D38	0123456789ABCDEF 钱2220000000000000000000000000000000000	$\begin{array}{c} D 6 4 0 \\ D 6 5 0 \\ D 6 5 0 \\ D 6 6 0 \\ D 6 7 0 \\ D 6 9 0 \\ D 6 9 0 \\ D 6 9 0 \\ D 6 0 \\ D 0 \\ D 7 0 \\ D 0 0 \\ T 0 \\ D 7 0 \\ D 0 0 \\ T 0 0 \\$	0123456789ABCDEF 温流涝淽淗灁浣涻烺焍烷焗烴焌烰焄 烳焐坏烿焆焓焀烸烶焋焂焎牾牻挳锆 猝猗猇猑猘猊猈狿骟狯玈珶珸珵琄琁 斑琇琀珺珼珿琌琋珴琈畤畣痎痒病

	0123456789ABCDEF		0123456789ABCDEF
D840	药針針針馱嘗閈陼陭陫陱陯惟靪頄飥	DC40	軹軦軮軥軵軧軨軶軫軱軬軴軩逭逴逯
D850	馗俗傕 傔傞傋傣 傃 儁傎傝偨傜傒傂傇	DC50	華為對鄙戰等與影響部部(一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一
D860	稅倌匒匑厤厧喑喨喥喭啷噅喢喓喈喏	DC 6 0	酢酠鈁鈊鈥銟鈚鈦鈏鈌钯鈒釿釽鈆鈄
D870	喵喁喣喒喤啽喌嵒啿喕喡喎圌堩堷	DC 7 0	鈧鈂鈜鈤鈙鈗鈅鈖镻閍閌閐磩陾隈
D880		$\overline{DC80}$	
D890		DC90	
DSAO	堙堞堧堣堨埵塈堥堜堛堳堿堶堮堹	DCAO	隉隃隀雂萑雃雱雰靬靰靮頇颩飫鳦
DSBO	堸 堭堬堻奡媯媔媟婺媢媞婸媦婼媥媬	DCBO	黹亃亄亶傽傿僆傮 僄僊傴僈僂傰僁傺
D8C0	媕媮娷媄媊媗媃媋媩煵婽媌媜媏媓媝	DCCO	傱僋僉傶傸凗剺剸剻剼嗃嗛嗌嗐啼嗊
DSDO	寪寍寋寔 寑 寊寎尌尰崷嵃齩嵁嵋崿崵	DCDO	嗝嗀廎嗄嗩喿嗒喍嗏嗕膃嗖嗈隊嗍嗙
DSEO	嵑嵎嵕崳崺喦崽崱嵙嵂崹嵉崸崼嶋崶	DCEO	嗂圕塓塨塤堮塍塉塯塕塎塝塙堛瑮堽
DSFO	样嚴握傾象很得違法意刻念甚怒悟	DCF 0	塣塱壳嫇傂嫋媺媏媱腃媰媿嫈磐嫆
	0123456789ABCDEF		0123456789ABCDEF
D940	惲愊惧僅懦愓訇惼慘焎愃愘偃愐惿偎	DD40	媷婈嫊媴媶嫍媹朢寖宣窳訬尳嵱崜嵊
D950	援家緊系紛指接導術揃為換這個足低	DD50	蝶 嶋嵬嵞嶋鰡嵢巰崚愼幊船磐庑麈廁
D960	搜 撤报 · · · · · · · · · · · · · · · · · · ·	DD60	应勃霍洛春 怖 懂樣怪熔慢棧招進演
D970	指指約於發動分数数計學的新旋旋 指指約於發動分数数計學的新旋旋	DD70	行使
0980		DDSO	
D Q Q A		<u>DD90</u>	
D Q A Q	晾啐暙핶吆咀蛐呜悉枕樟桉棜椪耧	DDAO	宯琩摲迲墋塓椬僫岤偋 桏沀倶焑伵
D9A0	数·扶持性的联络性权权的性力。		161月1111111111111月1117011161711111111111
$D \circ C \circ$			19191月1月1月1月1月1月1日。1915年1月1日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日
D900	视标记情带亲亲今分余你們依然情谊 据标题把我们我我们的我们		땾咮咩窅唭噆唎政胦但悙 꺤 悍慆馁揥 挭搅搅抹拋丹搔搌だ把捏拥持招援税
D9D0	MT中于他作用合用标件和参引采用。	DDDD	油标他馆性桥保饲佑快饭依依依使性权
$\underline{D}\underline{Q}\underline{E}\underline{U}$	989倍就造就電氣線借消停而為很微樂	DDEU	假恨悄悄偏菜采恪怖够惬树倾棚栓侯
D 9 F O	福保際宿宿僧徑相律侯倚宿宿荷復	DDFO	榨 楒
$\mathbf{D} \mathbf{i} \mathbf{i} 0$			
DA = 0	(天)还(冉)弘(茂(伏)(岩(伏)(哥)风(升)盆(天)带(光)观	DE=0	肥託也這(瓜(农(向(唐(岩(年(天(末(志)左(茶(茶(茶)南)
DA50		DE50	(停(标)金(光)图)豆(豆(汛)金(足)泥(渤(奉)舌)漆(豆
DA60	<i>注版活用研阅透导</i> 拖存担何供成获发	DE50	(性(管)為何)神(貝)深(氣)深)神(蘭)埋灸)、尾(深)、 (性)(管)為(足)(長)(注)(如)((())(())(())(())(())(())(())(())
DA / U	加引来加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加加		港和完变漏酒》建理爆炸的
DA80		DESU	
DA90		DE90	[국 17] 바르 비스 감독 (1977 - 1727 - 2012) 아르아아 이 등 있는 이지
DAAO	塔	DEAO	煄 煍 煚牏犍犌犑犐犎猼獂搎猺獀獊
DABO	涍痡 浯 鬽淌娅海皕	DEBO	獉塇堿瑋瑒瑑瑷瑀瑏瑐瑎瑂瑆與瑔瓡
DACO	睎睋晚矞矬硍硤硥硜硭硱硪确硰硩硨	DECO	訊熱烹胞畹畷榃痯瘏瘃癨痾痼痹痸瘐
DADO	皓硢祴祳祲祰根梯桴梌稜窙竦竤筊笻	DEDO	疹 無 癇 琴 症 智 皵 盐 睕 睟 睠 睒 睖 睚 睩 睧
DAEO	筄筈 筌筎筀 筘筅粢粞粨粡絘絯絣絓絖	DEEO	睔睙睭稓碇碚 碔碏碄碕碅碆碡碃硹碙
<u>DAF0</u>	絧絪栧絭絜絫絒絔鈋絑絟絎缾缿罥	DEFO	碀碖硻祼禂祽裪稑稘稙稒稗稕稢稓
	0123456789ABCDEF		0123456789ABCDEF
DB = 0	莩羢羠猆狕聑睮聐酨胔腃腊腒腏腇脽	DF40	棞倫翠窢窞竫筦筤筭筴筩笏宮廷筱筰
DB50	腍脺臦臮臷臸臹舃舼舽舿艵茻菏菹萣	DF50	条筸筶筣躱粴粯绨綆綀綍絉綅絺綎絻
DB60	菀菨茺菧菤菼菶萐菆菈菫菣莿萁菝菥	DF60	銷絼綌綔綄絽俘罭罫罧罨罬捖羥羧翛
DB70	菘菿菡菋菎菖菵蒃萉萏菞雈萆菂菳	DF70	翜耡腤腠腷腜腩腛腢腲朡腞腶腧腯
DBSO		DF80	
DB90		DF90	
DBAO	菕菺菇菑菪萓菃菬菮菄菻菗菢萛菛	DFA0	腄腡舝艉艄艀艂艅蓱萿葖葶葹蒏蒍
DBBO	菾蛘蛢蛦蛓蛣蛚蛪蛝蛫蛜蛬蛩蛗蛨蛑	DFBO	葥葑葀蒆葧萰葍葽詓蒩葴蕆葝蔇葞莂
DBCO	與衖衕袺統袹袸裍袾袶袼袷袽袲褁裉	DFCO	营萴葺葃葸萲葅萩菙葋萯葂萭葟葰蒚
DBDO	覕覘 覗觝觚觛 詎詍訹詙詀 訶 詘詄詅詒	DFDO	葎 葌葒葯蓅蒎萻葇萶萳萇葱葄萫葠葔
DBEO	詈詑詊詌詏豟貁貀貺貾 貰貹貵趄趀趉	DFEO	葮葐 蜋蜄蛷蜌 蛺蛖蛵蝍 鮒蝸蜉蜁蛒蜍
DBFO	跘 跓跍跇跖跜踙胋跙 胗跗跅軤軷軺	DFFO	蜅祳裋祵裎裞裛裚裌褐覅覛觟觥觤

	0123456789ABCDEE		0123456789ABCDEF
$\mathbf{D} \mathbf{O} 1 \mathbf{O}$		$\mathbf{E} \mathbf{A} \mathbf{A} \mathbf{\hat{O}}$	波达迪 利和相利和新新新和学校的
E040	船有有有限机准进动机的水环成的机	$\underline{C}440$	「双 PX PALYA TANA TANA AND TA
E050	詴詺谼豋 豎 豥秜豦貆貄貅 資 無 純赵煊	E450	品.你我以我只要逛我叫走这个运用到吗~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
E060	趎趏趍趓趔趐趒跰跠跬跱跮跐跩跣跢	<u>E460</u>	뛷跾踀踄蚖蜛 輎輍鄣鄜鄠鄢鄟卶鄓鄤
EO7O	跧跲跫跴輆輧輁輀輅輇輈輂輋遒逿	E470	鄡鄛酺酲酹酷銥銤鉶銛鉺銠銔銪銍
F080		E 4 8 0	
$\mathbf{E} 0 0 0$		F 190	
$\mathbf{E} \mathbf{O} 2 \mathbf{O}$			ዓመቀሁ <u>አ</u> ጸቂዎ የ ሥናው የከተደር እንደ በተቀም የ እንደ የ ተ
EUAU	通知法法を研究に行用するという。	$\underline{C} + A O$	
EOBO	铈钍趾蓟铈钡鈗鈪鉛钻起却组织群蚁	E4BU	我泪邪勞抗對蘇蘇納壯金脫煙亮肥軒
EOCO	鈶鉡鉰鈱鉔鉣鉐鉲鉎鉓鉌鉖鈲閟閜閞	<u>E4C0</u>	菲 靼勒希勒勒勒勒斯教别的
EODO	閛隒隓隑隗睢雺雽雸雵靳靷靸靲頏頍	E4D0	飼秘馜駃馹馻馺駂馽駇骱髣髧鬾鬿魠
EOEO	脜騢飶鉫馯馲馰馵骭骫釽鳪鳭鳧廮黽	$E \neq E O$	魡魟鳱鸤鳵麧僿憻 儰僸儆儇僶僾儋儌
EOEO	嶺Ğ僅僅做橘展僅借准棘儘 樁係	E4F0	僽儊劋虡爤勯勯噈嗼噌嘵ເ惡噊噉噆噘
	就存仍填外该简解件这些之种自己		
	01024FC700ADCDEE		0122456780ABCDEF
		$\mathbf{D} = 1 \mathbf{A}$	
E140	例翻測動都僅層嘧嗚喋嘒嗅破咳嗽咽	<u> ヒ ら 4 U</u>	PFUFUFUFUFUFUFUFUFUFUFUFUFUFUFUFUFUFUFU
E150	嘂嗺嘝嘄嗿嗹墉塼墐墘墆墁塿塴墋塺	E550	墜墥璿壿嬞姆殧聬癄嬃媋殧嫧媗嫧嬅
E160	墇墑墎塶墂墈塻墔墏壾奫嫜嫮嫥嫕嫪	E560	嬏屧嶙嶗嶟嶒嶢皤嶕嶠嶜嶡嶚嶞轒幝
E170	嫚 嫭嫫嫳嫢 嫠嫛嫬嫞 嫲嫙嫨媉孷寠	E570	<u> 冁幜緳蠯廞廡彉徲慦憃慹憱憰憢憉</u>
F180		F580	
$\mathbf{E} 1 0 0$		F 5 9 0	
E 1 4 0	鵉 巼赩霢纝嬚熌 磄緃冼盅峳峉嵼翉	ESAD	树木市 (紙)存) 可相相(格)存式(最高):市 冬季(石)
EIAU	耜,徙嘽咧嘟嘟嘟嘟嘟嘟嘟 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		い (本) (本) (本) (本) (本) (本) (本) (本) (本) (本)
E I B O	強頂噴輕隊龐厪滯傾屠陰異脉虞過臻	ESBU	揿燃填包浮油调損押清準備拾 嗽 <u>較</u> 料
E 1 C 0	影織想愨慁慞慱悭慒慓慲慬憀慴慔慺	E5C0	夏勤斳턫瞛際暲暷蛹瞙樀阁樗樰槸樕
E1D0	慛慥愻慪慡慖戩戧戫搫摍摛摝摴摶摲	E5DO	槱槤樠槿鵺槢樛樝槾榝槲槮樔槷槧橀
E 1 E 0	摳摽摵摦撦摎 撂 摞摜摋摓摠摐摿搿摬	E5E0	樈槦槻樍槼槫樉樄樘樥樏槶樦樇槴樖
E1F0	摫薶摥摷敳斠瞈寚暟朅朄朢榱榶槉	E5F0	歑殥殣殢殦稕氀毿犛頴漦潾澇濆澒
	0123456789ABCDFF		0123456789ABCDEF
E 2 4 0	0123456789ABCDEF		0123456789ABCDEF 湖湖湖港陸遠遠湖湖海湖海路海淮進
E240	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩滑榯榿槄	E640	0123456789ABCDEF 澍澉凘潢潏澅潚澖潶潬潡潕潲潒潐潗
E240 E250	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榽榤槔榹槊榚槏榳榓榪榡榞槙榗榐槂	E640 E650	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬獤潕潲潒潐潗 澔澓潝漀潡潫潽潧澐潓澋潩潿澕潣溄
E 2 4 0 E 2 5 0 E 2 6 0	<u>0123456789ABCDEF</u> 榠嫅榖榰榬榼榑榙榎榧榍榩榾榯榿槄 榽榤槔榹槊榚槏榳榓榪榡榞槙榗榐槂 榵榥槆歊歍歋磒殟殠毃嗀毾滎滵滱漃	E 6 4 0 E 6 5 0 E 6 6 0	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓潝漀潡澲潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠燡熩嫡熝逓熞熤燯熪
E240 E250 E260 E270	0123456789ABCDEE 榠嫅穀榰榬榼榑榙榎榧榍榩樻榯榿槄 榽榤槔榹槊榚槏榳榓榪楺榞槙榗榐槂 榵榥槆歊歍歋殞殟殠毃毄毾滎滵滱漃 漥滸漷滻漮濿潎漙漚漧霌漻漒滭漊	E 6 4 0 E 6 5 0 E 6 6 0 E 6 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓漡漀潡澲潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠熚熩螪熝熥熞熤熡熪 熜熧熳擪犚獘獒獞獟蕏獝獛獡獚獙
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0	0123456789ABCDEE 榠嫅榖榰榬榼榑榙榎榧榍榩樻榯榿槄 榽榤槔榹槊榚槏榳榓榪榡榞槙榗榐槂 榵榥槆歊歍歋殞殟殠毃毄毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧霌漻漒滭漊	E 6 4 0 E 6 5 0 E 6 6 0 E 6 7 0 E 6 8 0	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓漡漀潡澲潽潧澐潓澋潩潿澕潣潷 潪潻熲熯熛熰熠熚熩熵熝熥熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡獚獙
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 9 0	0123456789ABCDEE 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榽榤槔榹槊榚槏榳榓榪榡榞槙榗榐槂 榵榥槆歊歍歋殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧漘漻漒滭漊	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 9 0	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓漡漀潡澲潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠熚熩熵熝熥熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡獚獙
	0123456789ABCDEE 榠槎穀榰榬榼榑榙榎榧榍榩滑榯榿槄 榠榤槔榹槊榚槏榳榓榪榡榞槙橬榐槂 榵榠槆歊歍歋殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧瘸漻漒滭漊	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 9 0 E 6 9 0	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓潝漀潡澲潧潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠燡熩媂熝熥熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡獚獙 ^{僑璇硅蹣璆} 璁瑽琤敪瑼瑹齀甇畾瘥
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290 \\ E 280	0123456789ABCDEE 榠槎穀榰榬榼榑榙榎榧榍榩滑榯榿槄 榽榤槔榹槊榚槏榳榓榪榡榞槙橬榐槂 榵榠槆歊歍歋磒殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧漘漻漒滭漊	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 9 0 E 6 8 0 E 6 8 0	0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓潝漀潡澲潧潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠燡熩媂熝熥熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡獚獙 獢璇璉璊璆璁瑽璅璈暷瑹甈甇畾瘥 瘃瘃瓐璌瘷痯癋偏鯡皥臰聛靌嗀瞈
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 9 0 E 2 8 0 0 E 2 8 0 0 E 2 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榽榤槔榹槊榚槏榳榓榪榡榞槙榗榐槂 榵榠槆歊歍歜殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙膒漧漘漻漒滭漊 悉潳滹滮漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼漺漟漍漞漈漡熇熐熉熀熅熂		0123456789ABCDEF 澍澉澌潢潏澅潚澖潶潬潡潕潲潒潐潗 澔澓瀉漀潡澲潧潧澐潓澋潩潿澕潣潷 潪潻熲熯熛熰熠燡熩媂熝熥熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡獚獙 獢璇璉璊璆璁瑽璅璈暷瑹甈甇畾瘥 痓瘙瘝瘜瘣瘚瘨癋皜皝暤皛瞍瞏瞉暡 床吂咩頂焅呕璴璑瑮梙줮猐ℋॵ若
$E 2 4 0 \\ E 2 5 0 \\ E 2 6 0 \\ E 2 7 0 \\ E 2 8 0 \\ E 2 8 0 \\ E 2 9 0 \\ E 2 8 0 \\ E 2 $	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榽榤槔榹槊榚槏榳榓榪楺榞槙榗榐槂 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉溛溂洭滚窬漻漒滭漊 漶潳滹滮漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼漺漟漍漞漈漡熇熐熉熀熅熂 穒煻熆燲熦腤萿犕犕歝菦魙獑獌瑏瑏		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潽潧澐潓澋潩潿澕潣葏 潪潻熲熯熛熰熠燡熩熵熝嬑熞熤燯熪 熜熧熳犘犚獘麧獞獟猄獝獛獡獚獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 藌瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 磍碻礲磌遃磎殩篏鍦籂銌 餰 籂
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290 \\ E 290 \\ E 280 \\ E 200	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榽榤槔榹槊榚槏榳榓榪楺榞槙榗榐槂 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉溛潚漙漚漧漘漻漒滭漊 漶潳滹滮漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼漺漟漍漞漈漡熇熐熉熀熅熂 穒煻壗熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵追瑧瑮甀缻鍫畽壼瘖灳痸瘕瘑瘊		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣潷 潪潻熲熯熛熰熠熚熩熵熝熥熞熤熡熪 熜熧熳犘犚獘麧獞獟猄獝獛獡獚獙 獢璇璉暪璆璁瑽璅璈瑼瑹甈甇畾癦 蓬瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 磍碻磏磌磑磎磷磈磃磄磉褨駂禠禜禢 謓瘨窲窲窳篐篋餰簎篎箯箹篊筨楺
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290 \\ E 290 \\ E 280 \\ E 200	0123456789ABCDEE 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉溛溹摴漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼漺漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀甗鍫畽櫜瘖緛瘌瘕瘑瘊 瘠皸瞁睼瞅敯睮睯睯睾瞃碲碪谥碭碨		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣潷 潪潻熲熯熛熰熠熚熩熵熝熥熞熤熡熪 熜熧熳犘犚獘嫯獞獟獠獝獛獡獚獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾癦 瘗瘙癛瘜瘣瘚瘨憃皜皝皞皛瞍瞏瞉暡 磍碻礲磌磑磎磔磈磩磄磉褨禡禠禜禢 謓歶頛窲窴窳箷篋箾箬篎箯箹篊箵糅 糈糌糋緷緛緪緖緗緍縃緺恕缏緱緰緮
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290 \\ E 290 \\ E 280 \\ E 200	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐槂 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼漺漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀甗鍫畽疐瘖緛瘌瘕瘑瘊 瘠皸瞁睼瞅馛睮瞀睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠熚熩熵熝熥熞熤熡熪 熜熧熳犘犚獘麧獞獟猄獝獛獡獚獙 <
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290 \\ E 290 \\ E 280 \\ E 290	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼漺漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀甗鍫畽壼瘖緛瘌瘕瘑瘊 脅皸瞁睼瞅敽睮諬睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠熚熩熵熝熥熞熤燯桞 熜熧熳犘犚獘嫯獞獟猄獝獛獡獚獙 潘璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾癦 瘙璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾癦 瘙瘙瘰瘜瘣瘚瘨憃皜皝皞皛瞍瞏瞉暡 磍碻礲磌磑磎磔磈磃磄磉褨禡禠禜禢 謓鴜稹窲窴窳箷篋箾箬篎箯箹篊箵糅 糈糌糋鍕緛緪緖緗緍縃緺恕缏緱緰緮 緟髾羬羰羭翭翫朡翬翦翨聤聧膣膟
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290 \\ E 290 \\ E 290 \\ E 200	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉潎漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀甗鍫畽疐瘖緛瘌瘕瘑瘊 脅皸瞁睼瞅敽睮諬睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠熚熩熵熝熥熞熤燯桞 熜熧熳犘犚獘嫯獞獟猄獝獛獡獚獙 潘璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾癦 瘙瘙瘰瘜瘣瘚瘨憃皜皝皞皛瞍瞏瞉暡 磍碻磏磌磑磎磔磈磃磄磉褨禡禠禜禢 謓歶頛窲窴窳箷篋箾箬篎箯箹篊箵糅 糈糌糋鍕緛緪繣緗緍縃緺恕缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧膣膟
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 290	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 榵榠槆歊歍馾殞殟殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉溛潚漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀甗鍫畽臺瘖緛瘌瘕瘑瘊 룜皸瞁睼瞅敽睮督睯睾瞃碲碪蓲碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓 0123456789ABCDEF 禗獲褑稫糤稰穋稨稦窭窫嵡竮箈笉		0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠熚熩熵熝逓熞熤燯熪 熜熧熳犘犚獘嫯獞獟猄獝獛獡獚獙 潘璇璉蹣璆璁瑽瓅璈瑼瑹甈甇畾瘥 瘙瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 磍碻礲磌磑磎磔磈磃磄磉禚駂禠禜禢 謓歶頛窲窴窳箷篋箾箬篎箯箹葓箵糅 糈糌糋緷緛緪緖緗緍縃緺恕缏緱緰緮 緟髾羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 脢膕膢膙膗舖艏艓艒艐艎艑蔤蔲蔏蔀
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 280 \\ E 280 \\ E 280 \\ E 290	0123456789ABCDEE 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 榵榠槆歊歍歋殞殟殠毃嗀毾滎滵滱淧 漥滸漷滻漮漉溛潚漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵垍瑧瑮甀頿鍫畽橐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敽睮瞀睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓 0123456789ABCDEE 禗禈禒禐稫穊풥猣稨稦窨窫齌竮箈箜 箹筡簊筎簎箣錵簽箘箘泑廰箊ဘ耟粴	$ \begin{array}{r} E & 6 & 4 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & 8 & 0 \\ E & 6 & 8 & 0 \\ E & 6 & 8 & 0 \\ E & 6 & 8 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & F & 0 \\ E & 7 & 4 & 0 \\ E & 7 & 5 & 0 \\ \end{array} $	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熍燡熩樀熝嬑熞熤燯熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 潘璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙癛瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 磍碻礲磌磑磎磔磈磃磄磉禚禡禠禜禢 嶺歶稹窲窴窳箷篋劎砮篎箯箹篊箵楺 糈糌糋緷緛緪緧緗緡縃緺緦缏緱緰緮 緟髾羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 脢膕膢膙脽舖艏艓艒艐艎艑蔤蔲蔏蔀 蔩섨莌蘑菇揎蘳菞薣蓻鼚蓻藚葝藛
$E 240 \\ E 250 \\ E 260 \\ E 270 \\ E 280 \\ E 280 \\ E 290	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩愲榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 椬榠槆歊鴥馾殞殟殠毃嗀毾滎滵滱淧 漥滸漷滻漮漉溛渿滬滬漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀缻鍫畽橐瘖痙剰瘕瘑瘊 룜皸瞁睼瞅敯睮睯睯睾瞃碲碪蓲碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓 0123456789ABCDEF 禗禈禒禐稫穊풥禭稨稦窨窫窬竮箈箜 箊箑篣箖箍箌箛萀箅笝劄箙箤箂粻粿 蚴顂엳絘纅缮徢徳倁伳づ侰徥쇘	$ \begin{array}{r} E & 6 & 4 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & 5 & 0 \\ E & 6 & 8 & 0 \\ E & $	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熍燡熩樀熝嬑熞熤燯桞 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙癛瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 磍碻礲磌磑磎磔磈磃磄磉禚禡禠禜禢 嶺歶稹窲窴窳箷篋劎箬篎箯箹篊箵楺 糈糌糋緷緛緪緧緗緡縃緺緦缏緱緰緮 緟髾羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 脢膕膢膙脽舖艏艓艒艐艎艑蔤蔲蔏蔀 莨鈘蔉蔍蔟逴蔧蔜蓻蓔蓺葉蔌蓴蔪蓲 趀蒛潆蓔蝛蒫蘬蓸軘蔮
E 2 4 0 $E 250$ $E 260$ $E 270$ $E 280$ $E 290$ $E 280$ $E 200$	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 椬榠槆歊鴥馾殞殟殠毃嗀毾滎滵滱淧 涩滸漷滻漮漉溛渿滬沤滴漻漒滭漊 悉潳滹滤漭潀漰漼漵漪漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 熏煻熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀缻鍫畽橐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敯睮睯睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓 0123456789ABCDEF 禗禈褖禐稫穊풥稯稨稦窨窫窬竮箈箜 箊箑篣箖箍箌箛萀箅笝劄箙箤箂粻粿 粼粺綧綷熧绻綪緁緀鋷쇄絾緄緆粻緌	E 6 4 0 E 6 5 0 E 6 6 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝湬潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熍燡熩樀熝嬑熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 潘璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙癛瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 磍碻礲磌磑磎磔磈磃磄磉禚禡禠禜禢 嶺歶稹窲窴窳箷篋劎箬篎箯箹篊箵楺 糈糌糋緷緛緪緧緗緡縃緺緦缏緱緰緮 緟羀羬湠羭翭翫朡罿翦翨聤聧朣膟 0123456789ABCDEF 脢膕膢膙脽舖艏艓艒艐艎艑蔤蔲蔏蔀 菄蔎蔉蔍蔟逴蔧蔜蓻鴑蓺葉蔌蒘蔪蓲 対拢芨Z藗蓔蓪蓩蔖莤蔨蔝蔮蔂蓽葽
E 2 4 0 $E 250$ $E 260$ $E 270$ $E 280$ $E 290$ $E 280$ $E 280$ $E 200$ $E 200$ $E 200$ $E 200$ $E 200$ $E 200$ $E 250$ $E 340$ $E 350$ $E 360$ $E 360$	0123456789ABCDEF 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 椬榠樠歊歍馾殞彊殠毃嗀毾滎滵滱漃 漥滸漷滻漮漉溛潚漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 霬燈墖瑧葉甀頿盭畽橐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敯睮瞀睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓 0123456789ABCDEF 禗禈褖禐稫穊풥稯稨稦窨窫齌竮箈箜 箊箑箐箖箍箌箛箎箅箘劄箙箤箂粻粿 粼粺綧綷緂錈綪緁緀緅絥綝緎緄緆緋緌 綯绺綖綼錑綦絷綩婛蒳罳朙翣攭翞	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 0 E 7 0 E 7 0 E 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潽潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熍燡熩樀熝嬑熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾癦 瘙瘙癛瘜瘣瘚瘨瘶皜皝皞皛瞍瞏瞉噺 磍碻礲磌磑磎磷磈磃磄楺禚禡禠禜禢 禛歶稹窲窴窳箷篋劎箬篎箯箹篊箵楺 糈糌糋緷緛緪緧緗緡縃緺缌缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 膞膕膢膙膗舖艏艓艒艐艎艑蔤蔲蔏蔀 菄蔎蔉蔍蔟蔊蔧蔜蓻鴑蓺葉蔌蓴蔪蓲 蕔蓷蓫蓳蓼蔒蓪蓩蔖蔮蔨蔝蔮蔂蓽蒵 蓶蔱嶌蓧蓨蓰蓯蓹蔘蔠蔰蔋蔙蔯虢
E 2 4 0 $E 250$ $E 260$ $E 270$ $E 280$ $E 290$ $E 280$ $E 200$ $E 200$ $E 200$ $E 200$ $E 200$ $E 200$ $E 300$ $E 350$ $E 350$ $E 360$ $E 370$ $E 380$	0123456789ABCDER 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 槟檬槔榹槊禚槏榳榓榪楺榞槙榗榐撥 拉榠槆歊歍馾殞彊殠毃嗀毾滎滵滱漃 泫滸澿漉漉溛渿滬淴漪濯滃漪洗漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 露塘熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧葉甀頿盭畽橐瘖瘈瘌瘕瘑瘊 룜皸瞁睼瞅馛睮瞀睯睾瞃碲碪磕碭碨 硾碫碞碥碠碬碢碤褅褉禋禖禕褆禓 0123456789ABCDER 禗禈褖褑稫穊쭵穋稨稦窨窫窬竮箈箜 箊箑篣箖箍箌箛箎箅箘劄箙箤箂粻粿 粼粺綧綷緂錈綪緁緀緅絥絉鋮緄緆緋緌 綯绺綖綼錑綦絷綩婛豧罳朙翣攭翞	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潧潧澐潓澋潩潿澕潣溄 潪潻熲熯熛熰熠燡熩熵熝逓熞熤愫熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙癉瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉噺 礂碻礲磌磑磎磔磈磃磄磉禚禡禠禜褟 禛歶稹窲窴窳蔙篋劎箬篎箯箹篊箵糅 糈糌糋緷緛緪緧緗緡縃緺緦缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 脢膕膢膙膗舖艏艓艒艐艎艑蔤蔲蔏蔀 黃蔎蔉蔍蔟蔊蔧蔜蓻鴑蓺葉蔌蓴蔪蓲 蒂蓷蓫蓳蓼蔒蓪蓩蔖蓾蔨蔝蔮蕠蓽葽 蓶蔱嶌蓧蓨蓰蓯蓹蔘蔠蔰蔋蔙蔯虢
E 2 4 0 $E 250$ $E 260$ $E 270$ $E 280$ $E 290$ $E 280$ $E 200$ $E 300$ $E 350$ $E 360$ $E 370$ $E 380$ $E 390$	0123456789ABCDER 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 槟檬槔槭槊榚槏榳榓榪楺榞槙榗榐撥 拉榠槆歊鴥馾磒彊殠毃嗀毾滎滵滱滱 泫滸澿漉漉溛渿沤湔漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 露塘熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧瑮甀頿鍫畽疐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敯睮瞀睯睾瞃碲碪磕碭碨 硜碫碞碥碠碬碢碤褅褉禋禖禕褆褐 0123456789ABCDER 禗禈褖禐稫棷稻컎稫稦窨窫窬竮箈箜 箊箑箐箖箍箌箛箎箅箘劄箙箤箂粻粿 粼粺綧綷緂绻綪緁緀緅絥絉緎絽緆緋緌 綯绺綖綼蜧綦絷綩婛鈽罳翢翣攭翞	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 0 E 7 0 E 7 0 E 7 0 E 7 8 0 E 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潧潧澐潓澋淉潿澕潣溄 潪潻熲熯熛熰熠燡熩熵熝婕熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉暡 礂碻礲磌磑磎磷磈磃磄磉禚禡禠禜禢 禛歶稹窲窴窳蔙篋箣箬篎箯箹篊箵楺 糈糌糋緷緛緪緧緗緍縃緺缌缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 膞膕膢膙膗舖艏艓艒艐艎艑蔤蔲蔏部 菄蔎蔉蔍蔟蔊蔧蔜蓻蔫蓺葉蔌蓴蔪蓲 蒂蓷蓫蓳蓼蔒蓪蓩蔖蓾蔨蔇蔮蔂蓽葽 蓶蔱嶌蓧蓨蓰蓯蓹蔘蔠蔰蔋蔙蔯얛
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 8 0 E 2 9 0 E 2 9 0 E 2 9 0 E 2 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0 E 3 0	0123456789ABCDER 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 槟檬槔榹槊羔槏榳榓榪楺榞槙榗榐撥 拉榠槆歊歍歋磒彊殠毃嗀毾滎滵滱滱 泫滸澿漉漉溛渿沤湔漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 露塘熆熁熗牄牓犗犕犓獃獍獑獌瑢瑳 瑱瑵搶瑧葉甀頿鍫畽疐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敯睮瞀睯睾瞃碲碪磕碭碨 硜碫碞碥碠碬碢碤褅褉禋禖禕褆褐 0123456789ABCDER 禗禈褖禐稫棷稻컎稨稦窨窫窬竮箈筊 箊箑篣箖箍箌箛箎箅箘劄箙箤箂粻粿 粼粺綧綷緂鎐錆緁緀緅絥絾 器脚聜膉膆膃膇膍膌膋舕蒗蒤蒡蒟	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0 E 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潧潧澐潓澋潩潿澕潣溄 淴潻熲熯熛熰熠燡熩熵熝婕熞熤愫熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘰癋瘜瘶殡愈皜皝皞皛瞍瞏瞉嚼 礂碻礲磌磑磎磷磈磃磄磉禚禡禠禜禢 禛歶稹窲窴窳蔙篋箣箬篎箯箹篊箵楺 糈橬糋緷緛緪緧緗緍縃緺缌缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧朣膟 0123456789ABCDEF 膞膕腠膧膗舖艏艓艒艐艎艑蔤蔲蔏部 黃蔎蔉蔍蔟蔊蔧蔜蓻鴑蓺葉蔌蓴蔪蓲 蒘撠蝤蝷蟡蝳蝘蝔蝛蝒蝡蝚蝑蝞蝭
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 8 0 E 2 9 0 E 2 9 0 E 2	0123456789ABCDER 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊榚槏榳榓榪楺榞槙榗榐撥 椬榠槆歊鴥歋磒彊殠毃嗀毾滎滵滱滱 泫滸澿漉漉潚漙漚漧漘漻漒滭漊 悉潳滹滤漭潀漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 蜇燈ҍ镽犗犕犓獃獍獑獌瑢瑳 瑱瑵蹌瑧瑮甀頿鍫畽疐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敽睮瞀睯睾瞃碲碪磕碭碨 硜碫碞碥碠碬碢碤褅褉禋禖禕褆褐 0123456789ABCDER 禗禈褖禐稫棷稻컎癙稦窨窫窬竮箈箜 箊箑篣箖箍箌箛箎箅箘劄箙箤箂粻粿 粼粺綧綷緂鎐錆緁緀緅絥絉緎絽緆緋緌 綯綹綖綼蜧綦紫綩婛鈽罳翢翣攭翞 耤聝聜膉膆膃膇膍膌膋舕蒗蒤蒡蒟	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 0 E 7 0	0123456789ABCDEF 澍澉燍潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潧潧澐潓澋潩潿澕潣溄 溶痰熲熯熛熰熠燡熩熵熝婕熞熤愫熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉璊璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉嚼 磍碻礲磌磑磎磷磈磃磄磉禚禡禠禜禢 禛歶稹窲窴窳箷篋箣箬篎箯箹篊箵楺 糈橬糋緷緛緪緧緗緍縃緺缌缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧膣膟 0123456789ABCDEF 膞膕腠膙膗舖艏艓艒艐艎艑蔤蔲蔏蔀 黃蔎蔉蔍蔟蔊蔧蔜萟蔫蓺葉蔌蓴蔪蓲 萳蓷蓫蓳蓼蔒蓪蓩蔖蓾蔨蔝蔮蔂蓽葽 蓶蔱嶌蓧蓨蓰蓯蓹蔘蔠蔰蔋蔙蔯虢 蝖蜹蝤蝷蟡蝳蝘蝔蝛蝒蝡蝚蝑蝞蝭
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 0 E 3 0 E	0123456789ABCDER 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊禚槏榳榓榪楺榞槙榗榐撥 槟檬槔榹槊禚槏榳榓榪楺榞槙榗榐撥 纹本潮滻漮漉潚漙漚漧漘漻漒滭漊 悉潳滹滤漭瀈漰漼漵潊漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 氧燈Δ搶腠犗犕犓獃獍獑獌瑢瑳 瑱瑵瑲瑧葉甀缻鍫畽疐瘖痙瘌瘕瘑瘊 룜皸瞁睼瞅敽睮瞀睯睾瞃碲碪磕碭碨 硜碫碞碥碠碬碢碤褅褉禋禖禕褆褐 0123456789ABCDER 禗禈褖禐稫穊풥稯稨稦窨窫窬竮箈箜 箊箑篣箖箍箌箛箎箅箘劄箙箤箂粻粿 粼粺綧綷緂绻綪緁緀緅絥絉緎絽緆緋緌 綯绺綖綼錑綦紫綩婛鈽罳翢翣攭翞 耤聝聜膉膆膃膇膍膌膋舕蒗蒤蒡蒟 蒺薏蓂蒬蒮蒫蒹蒴蓁蓍蓴蒚蒱蓐蒝蒧 蒻蒢蒔峉菤蒛蒩剻僐菵蒘蒶蓏莧萚蓔	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 7 0 E 6 8 0 E 6 9 0 E 6 9 0 E 6 8 0 E 6 0 E 6 0 E 6 0 E 6 0 E 6 0 E 6 0 E 7 0 E 0 0 E	0123456789ABCDEF 澍澉燍潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓潝漀潡潫潧潧澐潓澋淉潿澕潣溄 溶痰熲熯熛熰熠燡熩熵熝婕熞熤愫熪 熜熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉嚼 磍碻礲磌磑磎磷磈磩磄楺禚禡禠禜禢 禛歶稹窲窴窳箷篋箣箬篎箯箹篊筨楺 糈糌糋緷緛緪緧缃緡縃緺缌缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧膣膟 0123456789ABCDEF 膞膕腠膙膗舖艏艓艒艐艎艑蔤蔲蔏蔀 蓒薞芆荱莀萛蔧蔜蓻蔫蓺葉蔌蒪蔪蓲 蒘撠蝤蝷蟡蝳蝘蝔蝛蝒蝡蝚蠮蝞蝭 鳎蝐蜫媦蝝蝯蝬蝺蝮蟘蝵蝏蝻蝵蝢蝧 蝩衚褅禈褔褋褗禕褅襙褖褑쟗褉閷覤
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 8 0 E 2 9 0 E 2 8 0 E 2 8 0 E 2 0 E 3 0 E	0123456789ABCDER 榠槎穀榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊禚槏榳榓榪楺榞槙榗榐撥 椬榠煵歊鴥歋磒彊殠毃嗀毾滎滵滱滱 泫滸澿漉漉潚漙漚漧漘漻漒滭漊 悉潳滹滤漭瀈漰漼漵滫漇漎潃漅滽 滶漹漜滼浃漟漍漞漈漡熇熐熉熀熅熂 蜇燈違瑧瑮甀缻鍫畽疐瘖痙瘌瘕瘑瘊 薛皸瞁睼瞅瞂睮朁睯睾瞃碲碪磕碭碨 硜碫碞碥碠碬碢碤褅褉禋禖禕褆褐 0123456789ABCDER 禗禈褖禐稫穊풥稯稨稦窨窫窬竮箈箜 箊箑篣箖箍箌箛箎箅笝劄箙箤箂粻粿 粼粺綧綷緂錈綪緁緀緅絥絾錻緆緋緌 綯绺綖綼錑綦紫綩婛鈽罳翢翣攭翞 措聝聜膉膆膃膇膍膌膋舕蒗蒤蒡蒟 蒺薏蓂蒬蒮蒫蒹蒴蓁蓍蓴蒚蒱蓐蒝蒧 蒻蒶荶蓇蓌蒛蒩剻俼蓖蒘蒶蓏蔰蓗蓔 萜蔏蔎蔬岛娮蝾槺樕嶆峸峭恾蚴蜛蛵	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 7 0 E 6 8 0 E 6 9 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 7 0 E 6 7 0 E 7 5 0 E 7 5 0 E 7 7 0 E 7 8 0	 0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗< 浴澓涛髹浚漾潽潧澐潓澋潩潿澕潣溄 溶痰頃熯熛熰熠燡熩熵熝婕熞熤愫熪 您熧熳犘犚獘獒獞獟猄獝獛獡嫹獙 獢璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘰癋瘜瘢瘚瘨癋皜皝皞皛瞍瞏瞉嚼 宿碻礲磌磑磎磷磈礹磄蒣褨禡褫禜禢 禛嶺轅窲窴窳箷篋箣箬篎箯箹篊筨糅 務楷¼緷緛緪緧緗緡縃緺緦缏緱緰緮 4 0123456789ABCDEF 唐膕腰腄膗舖艏艓艒艐艎艑蔤蔲蔏蔀 蒙葒薞莄菡蔨蔝蔮蕠蓽葽 站茲蓋蓼蔒蓪蕟蔰蓾蔨蔝蔮蕠蓽葽 站茲蓋蓼蔒蓪蕟蔰蓾蔨蔝蔮蕠蓽葽 站茲蓋蒙樣殘殘螭蝮蝇蝵蝏蝻蝵蝢蝧 5 5 5 5 6 6 7 8 9 8 8 8 8 8 9 8 9 8 8 9 8 8 9 9 8 9 8 9
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 9 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 0	0123456789ABCDER 榠槎褺榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊禚槏榳榓榪楺榞槙榗榐撥 槟檬槔榹槊禚槏榳榓榪楺榞槙榗榐撥 纹本潮滻漮漉潚漙漚漧漘漻漒澤? >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 7 0 E 6 7 0 E 7 5 0 E 7 5 0 E 7 7 0 E 7 8 0 E 7 0	0123456789ABCDEF 澍澉澌潢潏澅潚襉潶潬潡潕潲潒潐潗 游澓漡漀潡澲潧潧澐潓澋潩潿澕潣溄 溶痰熲熯熛熰熠燡熩熵焳嬑熞熤愫熪 炮熧熳犘犚獘獒獞獟猄獝獛獡獚獙
E 2 4 0 E 2 5 0 E 2 6 0 E 2 7 0 E 2 8 0 E 2 9 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 8 0 E 2 0	0123456789ABCDER 榠槎褺榰榬榼榑榙榎榧榍榩傦榯榿槄 榠榤槔榹槊禚槏榳榓榪楺榞槙榗榐撥 槟檬槔榹槊禚槏榳榓榪楺榞槙榗榐撥 纹本潭澈象歇殒彊殠毃嗀毾滎滵滱滱 泫漵澿滻潨潆濾濾滚滃淌沒滃濃 濱 漆薄漜滼浃漟溷곊漈[6/[[]][[]] 氣燈之[]] 之。 「之」 「之」 「之」 「之」 「之」 「之」 「之」 「之」 「之」 「之」	E 6 4 0 E 6 5 0 E 6 5 0 E 6 7 0 E 6 7 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 8 0 E 6 7 0 E 6 7 0 E 7 5 0 E 7 5 0 E 7 7 0 E 7 8 0	0123456789ABCDEF 渤澉燍潢潏澅潚襉潶潬潡潕潲潒潐潗 澔澓漡漀潡澲潧潧澐潓澋潩潿澕潣溄 溶痰熲熯熛熰熠燡熩熵焳嬑熞熤熡熪 熜熧熳犘犚獘獒獞獟猄獝獛獡獚獙 孫璇璉蹣璆璁瑽璅璈瑼瑹甈甇畾瘥 瘙瘙瘝瘜瘣瘚瘨癋皜皝皞皛瞍瞏瞉嘀 蓨碻礲磌磑磎磷磈礹磄磉禚禡褫禜禢 禛鴜稹窲窴窳箷篋劎箬篎箯箹篊筨糅 糈糌糋緷緛緪緧緗緡縃緺缌缏緱緰緮 緟羀羬羰羭翭翫朡翬翦翨聤聧膣膟 0123456789ABCDEF 膞膕膢膙膗舗艏艓艒艐艎艑蔤蔲蔏蔀 텋蔎蔉蔍蔟蔊蔧蔜蓻蔫蓺蔂蔌蒪蔪蓲 蒘蜹蝤蝷蟡蝳蝘蝔蝛蝒蝡蝚蝑蝞蝭 蜻輻蜫蟕蝝蝯蝬蝺蝮蟘蝵蝏蝻蝵蝢蝧 軭藙蕌蓧蒣蓰蓯蓹蔘蔠蔰蔋蔙蔯虢 5.65533.5553.5553.5553.5553.5553.5553.5

			0122456780ABCDEE
$\mathbf{E} 0 4 0$		$\mathbf{E} \mathbf{C} \mathbf{A} \mathbf{O}$	
E840		EC40	珈玛珍珊金金隙層001℃長間0101010000000000000000000000000000
E850	造遯這 溷割臀勢節軟無窮暗酸酸酸斷	EC5U	推赛芬 滋纳障赖金律机规理阶级险该
E860	陶曲鋐銀發逗晤球狹純鏡與範銷勞與	EC60	馞 驳駬駥駐駰駣馲駐駧訤訮 11 箭髶鬠
E870	鋯鋂鋨鋊鋈鋎鋦鋍 鋕鋉鋠鋞鋧鋑鋓	EC70	髹髷儔鮀鮅銇魼魾魻鮂飵鮒飴魺鲒
E880		ECSO	
E890		EC90	
ESA0	銵赺墺娎镼闠鬬閮閰噟麔雓霯鴌搮	ECAO	针睮鴥鴗暗碧残能能能能
ESPO	胡其約約一個一個一個一個	FCBO	麆乶麩箣墅聑 松 滀鳨燫儓儢儑僟膍勴
EODO		$E \subset D \cup$	廠廠和對著T權D總T容TET 2012 12 12 12 12 12 12 12 12 12 12 12 12 1
ESCU	「金」 思子 別田 思立 副本 民父 初公 阿丁 阿仁 阿山 阿山 阿山 阿山 阿山 フラロ フロ 時人 かけ 鼻曲 厚く 厚く 厚く 厚く 角く 角に 魚山 なご なたな 広本市 ない		■常い月り空い同い受いといざい面、空いまと高い高い面が高い和がます。
ESDU	彩寫版圣客等反管巡巡凯切盟影判切	ECDU	が 廃始して、 潮速にする たたいで、 かたいで、 ないたいで
ESEO	蚁 en 能數 x 导天局 /局 +局 文局 F局 个局 个局 分局 /局 /局 些局	ECEO	惩怒慘憯懥懤馓懞撜譒璹擑 擤擹靫鈫
E8F0	麃黓鼏鼐儜儓儗儚儑凞匴叡噰噠噮	ECFO	斶旚曒檍檖檁 檥檉 橍 檛檡檞檇檓樆
	0122456780ABCDEE		0122456780480055
E940	<u> </u>	ED4U	祭渠恢值価量保障域排風」就運転館衆
E950	壆灗碯媴麥嬔燩嫬嬖嬨嬚媣鬔雟瞲幆	ED50	深庸斟儘儘街德俱瀔渘澤戀煙憶燒燈
E960	嶩嶧嶵嶰嶮嶪嶨嵩嶭嶯 嶴幧 幨幦 幯廩	ED60	燤燰燢獳獮獯璗嬘璫璐璪琿璱璥璯甐
E970	廧廦廨廥彋徼憝憨憖懅憴懆懁懌憺	ED70	甑甒甏疄癊癈癉癇皤 盩瞵瞫瞲瞷瞶
E980		ED80	
E990		ED90	
EQAD	憿惍鈞檘擖撔擏擉橔憝擃嶘擳塷攳	FDA0	胣瞱 朡矰磳碡礂 礭 磼礂졥磹礄褿
FORO	新教教院的時時時度機構開始的時間	EDBO	[~] ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
E > B O	成治人员thueuxy,豆u具u早好和UytuRu中空加速1或1型 (米1約45),控制就每1支持:数1运行员,建省,留约均5		101里1~101元10月1日秋晚转座店等具夺示 链常管管筒连接旅客箱签带常数
E900	你们看了我们更你必须算了辛保我你知识不得了解了我们要不知道你。 你们要是我美丽的我们就是我是我要找你的你们不能要我要要的你的。	EDUO	指逐监 華國這移促參加認的商戰基礎
E9D0	樂客格似傍烷像惦惕保障倒播森以斷	EDDU	涡弧控器 親保維統 推新新設 從 繁荣 (北)
E9E0	軟就一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一一	EDEO	<i>謰鞸箽萺</i> 酠翴翲 耯 膻퉳臌隦胸臇膼臩
E9F0	福過傣旗檅徑南解嘗憶貨徑碌標感	EDFO	闀 艚艜薃溋意薨斄熕資薣蕻強殤飱
	0123456789ABCDEF		0123456789ABCDEE
FA40		REIO	0123456789ABCDEF 結構基礎診療防幕構基質研究前的基
EA40	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔	EE40	0123456789ABCDEF 請蕼羨薡鼨蕸蕗薎通薆薍雜薝薁薢蔜
$\frac{EA40}{EA50}$	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥	EE40 EE50	0123456789ABCDEF
EA40 EA50 EA60	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘 熼 燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璢璔竳璕璡甋疀瘯薻瘱蠗	EE40 EE50 EE60	0123456789ABCDEF
E A 4 0 E A 5 0 E A 6 0 E A 7 0	<u>0123456789ABCDEF</u> 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊壿燏熽燘 熼 燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔竳璕琟甋疀瘬薻瘱瘽麔 賔瘵瘲瘰皻盫瞚瞝瞡瞜瞛蓸瞣瞕瞙	E E 4 0 E E 5 0 E E 6 0 E E 7 0	0123456789ABCDEF 蕷蕼薉薡鼭蕸蕗薎薖薆薍雉薝薁薢蔜 薈姨蕹蕶薘薐蘝虨螾螪螭蟅螰螬螹螵 螼螮蟉蟃蟂蟌螷螯蟄蟊螴螶墏螸螽鐅 螲褵褳褼褾襁襒褷襂覭覯覮觲糓謞
EA40 EA50 EA60 EA70 EA80	<u>0123456789ABCDEF</u> 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘 熼 燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕璡甋疀瘯薻瘱瘽麔 賔瘵瘲瘰皶盫瞚瞝瞡瞜瞛萺瞣瞕瞙	EE40 EE50 EE60 EE70 EE80	0123456789ABCDEF 蕷蕼薉薡鼨蕸蕗薎薖薆薍雉薝薁薢蔜 薈嬈蕹棽薘薐薟虨螾螪螭蟅蠬螬螹螵 螼螮蟉蟃蟂蟌螷螯蟄蟊螴螶墏螸螽蟞 螲褵褳褼褾襁襒褷襂覭覯覮觲敽謞
EA40 EA50 EA60 EA70 EA80 EA90	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘 熼 燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯溗瘱瘽麔 瘼瘵瘲瘰皶盫瞚瞝瞡瞜瞛萺瞣瞕瞙	EE40 EE50 EE60 EE70 EE80 EE90	0123456789ABCDEF 蕷蕼薉薡鼭蕸蕗薎薖燅薍雉薝薁薢蔜 薈嬈雍棽薘薐薟虨螾螪螭蟅螰螬螹螵 螼螮蟉蟃蟂蟌螷螯蟄蟊螴螶墏螸螽蟞 螲褵褳褼褾襁襒褷襂覭覯覮觲縠謞
EA40 EA50 EA60 EA70 EA80 EA90 EA90	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯溗瘱瘽麔 賔瘵瘲瘰皶盫瞚瞝瞡瞜瞛萺瞣瞕瞙 鴡敬磩磥磪磞磣磛磡磢礗磟磠禤穄	EE40 EE50 EE70 EE80 EE90 EE40	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA90 EA80	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘬薻瘱瘽瘳 賔瘵瘲瘰皶盫瞚瞝瞡瞜瞛萺瞣瞕瞙 鴡磝磩磥磪磞磣磛磡磢彁磟磠禤穄 穈穇竁窛窵窱窷篞篣篧篝篕篥篚篨篹	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 9 0 E E A 0 E E B 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA90 EA80 EA80 EA80	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘬薻瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 鴡磝磩磥磪磞磣磛磡磼磭磟磠禤穄 穈穇窶窸窵窱窷篞篣篧篝篕篻篚篨篹 鶑菧簀篜摰獦篃犕糔糗糐糑鎈繂缞縌	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 9 0 E E A 0 E E B 0 E E C 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA90 EA80 EA80 EA00 EA00	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯薻瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 鴡磝磩磥磪磞磣磛磡礇磭磟磠禤穄 穈穇窶窸窵窱窷篞篣篧篝篕篻篚篨篹 筫菧篒篜摰篘篟犕糔糗糐糑鎈繂缞縌 缛糓缏縎縜縕綗塍絾縏縖縍絟縥袰謍	E E 4 0 E E 5 0 E E 7 0 E E 8 0 E E 8 0 E E 8 0 E E 8 0 E E 8 0 E E 8 0 E E 0 E E 0 E E 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA90 EA80 EA00 EA00 EA00	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯溗瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 鴡磝磩磥磪磞쨚磛磡礇磭磟磠禤棎 穈穇窶窸窵窱窷篞篣篧篝篕篥篚篨寋 筫菧簀篜摰篘篟犕糔糗糐糑縒繂缞縌 媷縠縓賲縜縕縚縢縋縏縖縍縔縥縤罃 罻罼蠞頩彏譇耫瞈膱蹨膮矒跶隌膰膬	E E 4 0 $E E 5 0$ $E E 7 0$ $E E 8 0$ $E E 9 0$ $E E A 0$ $E E B 0$ $E E D 0$ $E E D 0$ $E E D 0$	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA80 EA80 EAC0 EAC0 EAC0 EAC0 EAC0	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 橤燇燏熽燘熼燆о燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯璑瘱瘽瘳 賔瘵瘲瘰皶盫瞚瞝瞡瞜땞蓸瞣瞕瞙 鴡磝磩磥磪磞磣磛磡磢嘺磟磠禤穄 摩穇竁窸窵窱窷篞篣篧竁篕篥篚篨寋 筫菧篢篜摰篘篟犕糔糗糐榒嫅繂缞縌 媷縠縓缋縜縕縚縢縋槃縖縍縔縥鍒毊 罻罼罺羱翯耪耩瞈膱膦膮朣膵膫膰膬 膲膔膷膧臲艕艖艗蕖蕅蒮蓊兿蒮	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 0 E E 0 E E 0 E E 0 E E 0 E E 0 E E 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA80 EA80 EA80 EA80 EA80 EA80 EA80 EA8	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯薻瘱瘽瘳 賔瘵瘲瘰皶盫瞚瞝瞡瞜瞛蓸瞣瞕瞙 鴡磝磩磥磪磞磣磛磡磢僑磟磠禤棎 摩穇窶窸窵窱窷篞篣篧篝篕篻篚篨篹 筫菧篢篜摰篘篟犕糔糗糐榒嫅繂缞縌 媷縠縓缋縜縕縚縢縋槷縖疨縔縤縤罃 罻罼罺羱翯耪耩聬膱膦膮朣膵膫膰膬 膴膲膷膧臲艕艖艗蕖蕅蕫蕍橒蔩軞	EE40 $EE50$ $EE70$ $EE80$ $EE90$ $EE80$ $EE80$ $EE00$ $EE00$ $EEF0$	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA80 EA80 EA80 EA80 EA80 EA80 EA80 EA8	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕璡甋疀瘯溗瘱瘽瘳 實瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 貼磝磩磥磪磞碜磛磡磼磭磟磠禤穄 摩穇窶窸窵窱窷篞篣篧篝篕篥篚篨寋 篔篪簀篜摰簜篃犕糔糗糐搦鎈緈缞縌 媷縠縓缋縜縕縚縢縋縏縖縍鐰縤蝚罃 罻罼罺羱翯耪耩瞈膱膦膮膭膵膫膰膬 膲膲膷膧臲艕艖艗蕖蕅蕫蒳蕓薈堯	E E 4 0 $E E 5 0$ $E E 7 0$ $E E 8 0$ $E E 9 0$ $E E 4 0$ $E E 0$ $E E 0$ $E E 0$ $E E 0$ $E E 0$	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA80 EA90 EA80 EA80 EA80 EA80 EA80 EA80 EA80 EA8	0123456789ABCDEF 澢濉澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕璡甋疀瘯薻瘱瘽瘳 實瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 貼磝磩磥磪磞磣磛磡磼嘺磟磠禤穄 摩穇窶窸窵窱窷篞篣篧篝篕筙篚篨篹 寘튡篢篜摰藵篃犕糔稪糐糑鎈繂缞縌 媷縠縓缋縜縕縚縢縋縏縖縍紣縥縤曫 罻罼罺羱翯耪耩瞈膱膦膮朣膵膫膰膬 膲膲膷膧臲艕艖艗蕖蕅蕫蒳蕓薈堯	EE40 $EE50$ $EE70$ $EE80$ $EE90$ $EE00$ $EE00$ $EE00$ $EEF0$ $EF40$	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA70 EA90 EA90 EA90 EA0 EA0 EAF0 EAF0 EB40 EB50	0123456789ABCDEF 當濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯薻瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 B. B. 做 碾碟 磪 磞 磣 磛 磡 碘 嚼 磟 磠 禤 穄 摩 窓 窓 窩 窱 窷 篞 篣 篧 篝 蓋 榮 節 廢 專 算 叛 習 耪 精 翰 職 勝 挑 號 贖 朣 膵 腑 膰 膬 肒 瞧 膷 朣 臲 艕 艖 艗 蕖 蕅 蕫 蒳 蝅 薈 耗 0123456789ABCDEF 棘 莨 辣 黃 蒼 蔄 蕑 董 寿 契 蔣 豬 蕎 馬 孫 猛 滾 菜 姉 蕦 蕝 蕔 蓷 蕬 誠 虥 贼 螛 蛺 蜛 臻 輊	E = 4 0 E = 5 0 E = 7 0 E = 8 0 E = 8 0 E = 8 0 E = 8 0 E = 6 0 E = 10 E = 10	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA70 EA90 EA90 EA90 EA0 EA0 EA0 EAF0 EAF0 EB40 EB50 EB60	0123456789ABCDEF 當濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘯瘰瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 B 酸 磁碟 磁 磁 密 暫 磡 碘 জ 磟 磠 禤 穄 摩 窓 窓 窓 窳 窷 篞 篣 篧 篝 蓋 榮 節 廢 專 算 叛 習 耪 精 翰 職 膦 膮 朣 膵 廓 膰 膬 肒 瞧 膷 朣 臲 艕 艖 艗 葉 蕅 鼞 蒳 蕓 薈 耗 0123456789ABCDEF 棘 莨 蕤 菊 菹 蕝 轅 蓷 蕬 誠 虥 财 蝐 蛺 蜛 臻 養 養 黃 萄 蕑 董 寿 契 蔣 豬 蕎 萬 孫 孫 續 햧 薌 菹 蕝 轅 蓷 蕬 誠 虥 财 蝐 蛺 蜛 臻 臻 顿 蝦 螘 蝹 螇 隆 蜺 螑 蚬 螄 娜 齾 螚 螉	E E 4 0 E E 5 0 E E 7 0 E E 8 0 E E 9 0 E E 4 0 E E 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA70 EA90 EA90 EA90 EA90 EA0	0123456789ABCDEF 當濉澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽熌熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璢璔璒璕瓐甋疀瘯溗瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜瞛蓸瞣瞕瞙 B. B. 做 碾 碟 磞 쨚 磛 磡 碘 嚼 磟 磠 禤 穄 摩 窓 窓 窩 窱 窷 篞 篣 篧 篝 蓋 榮 節 除 專 算 簇 管 篜 挚 落 淯 犕 糔 犑 粺 榒 送 经 缞 綻 缛 縠 缛 纷 縜 縕 紹 縢 縋 歟 縖 縍 綠 檪 漆 罃 罻 畢 罺 羱 翯 耪 耫 睮 勵 厳 所 臌 膦 臍 膨 艖 釐 漢 諸 蓋 蓊 藝 薈 堯 0123456789ABCDEF 棘 莨 菜 範 箔 這 帮 較 報 務 養 漸 豬 豬 豬 豬 豬 豬 須 致 麵 箔 這 報 報 報 素 教 務 務 喬 я 承 猛 賀 菜 麵 箔 這 載 輔 基 蘇 或 趁 威 雪 號 雪 義 整 範 續 並 續 觉 5 5 7 8 9 A B C D E F 林 戴 蕤 著 黃 芭 蕑 董 蕣 蔡 幕 新 喬 幕 承 猛 賀 菜 麵 箔 蘊 載 輔 基 森 或 成 奶 雪 蛺 雪 繁	E = 4 0 E = 5 0 E = 7 0 E = 8 0 E = 8 0 E = 8 0 E = 6 0 E = 6 0 E = 7 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA70 EA90 EA90 EA90 EA0 EA0 EA0 EA0 EAF0 EB40 EB50 EB50 EB70 EB80	0123456789ABCDEF 當滩澫濍澯澲澰燅燂熿熸燖墠燁燋燔 燊燇燏熽熌熼熂燚燛犝犞獩獦獧獬獥 獫獪瑿璚璢璔璒璕瓐甋疀瘬溗瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜땞蓸瞣瞕瞙 B. B. 做 碾 碟 硼 碜 磛 锄 碘 嚼 磟 磠 禤 穄 摩 窓 窓 窩 窱 窷 篞 篣 篧 篝 蓋 榮 節 除 專 算 簇 管 篜 挚 落 淯 棤 糔 糗 粺 栩 送 经 缞 綻 缛 毂 缆 纷 ዿ 缊 紹 雅 越 槃 搐 滂 綠 綠 縤 揉 馨 罻 畢 冪 浉 翯 耪 耫 瞈 勵 賦 牌 牘 腔 腑 膰 膬 肒 瞧 膷 膧 臲 膀 艖 艗 蕖 洁 蓋 蕍 葉 薈 耗 0123456789ABCDEF 棘 葳 蕤 善 黃 蔄 閒 董 蕣 蔾 辣 赫 蕎 蔦 頰 強 續 葉 麵 須 蘊 義 拄 蕪 蒸 或 虔 했 螛 蛺 蜛 蝚 翰 續 麵 須 蘊 義 拄 蕪 蒸 或 虔 威 雪 號 雪 義 藝 養 美	E E 4 0 E E 5 0 E E 7 0 E E 8 0 E E 9 0 E E 4 0 E E 0 E E 0 E E 0 E F 0	0123456789ABCDEF
EA40 EA50 EA70 EA70 EA70 EA70 EA90 EA90 EA70 EB70 EB70 EB70 EB70 EB70	0123456789ABCDEF 當濉澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊焯燏熽燘熼熻燚燛犝犞獩獦獧獬獥 箥獪瑿璚璠璔璒璕瓐甋疀瘬塛瘱瘽瘳 賔瘵瘲瘰皶盦瞚瞝瞡瞜땞蓸瞣瞕瞙 B敬磩磥磪磞磣磛磡礇僑磟磠禤穄 摩穇竁窸鴐窱窷篞篣篧竁篕篥篚除篹 篔篪篢篜孧篘篃犕糔糗糐榒縒繂缞縌 缛縠縓缋縜縕縚縢縋槃縖縍縔縤鍒罃 罻罼罺羱翯耪耫聬膱膦膮臢脺膫膰膬 膲膲膷膧臲艕艖艗蕖蕅蕫蕍兿藚軞 0123456789ABCDEF 赫葳蕤蕶萯蕄蕑蕇蕣蒅蕛ก菕蕮蕵蓪 質菜薌蕦蕝蕔蓷蕬虣虥嫰螛螏螗螓螒 嫄迡螖螘蝹螇螣螅螐螑媿螄螔螜螚螉 褞褷褢袌褮褧褱褢褩褣裤橾褟觱諠	E E 4 0 E E 5 0 E E 7 0 E E 8 0 E E 9 0 E E 4 0 E E 0 E E 0 E E 0 E E 0 E E 0 E F 0 E F 5 0 E F 5 0 E F 5 0 E F 7 0 E F 8 0 E F 9 0	0123456789ABCDEF
EA40 EA50 EA60 EA70 EA70 EA70 EA90 EA90 EA0 EA0 EA0 EA0 EA0 EB0 EB50 EB60 EB70 EB90 EB0	0123456789ABCDEF 澢滩澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊焯燏熽燘熼燆燚燛犝犞獩獦獧獬獥 獫獪瑿璚璠璔璒璕瓐甋疀瘬瘰瘱瘽瘳 度瘵瘲瘰皶盦瞚瞝瞡瞜땞蓸瞣瞕瞙 B& W W W W W W W W W W W W W W W W W W W	E E 4 0 E E 5 0 E E 7 0 E E 7 0 E E 9 0 E E 4 0 E E 0 E E 0 E E 0 E E 0 E F 0 E F 5 0 E F 5 0 E F 5 0 E F 5 0 E F 7 0 E F 9 0 E F 9 0	0123456789ABCDEF 積華蔬菜戲越蕗養適愛訊雜蒼薁薜菽 答妹蕹苳達積羨影頭螭螭蟅蠬螬螹螵 螳蠕꽿蟃蟂蟌螷螯墊蟊螴螶墏盜螽蟞 虛總裡襦襟襒褷襂覭靚覺解設高 訴認誤謅揉護說意識毫 拳廝源讀 議聽穀狮豱豯貕貔賹赯蹎蹍蹓蹐蹌蹇 轃輻這澨鄸椪醢醛酸營醉醝醯鎡鎃爺 結基錯鍼鍘鍜鍶鍉鍐鍑鍠綏鎏鍌錅鍹 歸又到一來。 60123456789ABCDEF 海鞘諄報錐顏顏朝類想怨鍉鍐鍑鍠綏鎏鍌錅鍹 歸又到一來。 60123456789ABCDEF 海鞘諄報韱顏顧顊顉顧類餥餫鰗評暢 協緣餭睃餰馘馣馡騂駺駴駷駹骎駶駻 點說駼騃稉鬗髽鬁髼魈鮚鮨鮞鮛鮦鮡 約刻鮆鮢軳鮯鳷鵁鵧鴶鴮碼鴱鴸鴰
EA40 EA50 EA60 EA70 EA70 EA70 EA90 EA90 EA0 EA0 EA0 EA0 EA0 EA0 EB0 EB50 EB60 EB70 EB0	0123456789ABCDEF 當滩澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊燇燏熽燘熼燆燚燛犝犞獩獦獧獬獥 箥獪瑿璚璠璔璒璕瓐甋疀瘬瘰瘱瘽瘳 度瘵瘲瘰皶盦瞚瞝瞡瞜睵蓸瞣瞕瞙 B& W W W W W W W W W W W W W W W W W W W	E E 4 0 E E 5 0 E E 7 0 E E 8 0 E E 9 0 E E 4 0 E E 0 E E 0 E E 0 E E 0 E F 0 E F 5 0 E F 5 0 E F 5 0 E F 7 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0	0123456789ABCDEF 積蕼姦薡諕蕸蕗薐薖祾飢雜蒼薁薜蔜 蒼婦蕹蓼達積羨影頭螉螭蟅蠬螬螹螵 螳蠕꽿變蟂蟌螷螯墊蟊螴螶螀螸螽蟞 螳褵褳襦襟微襒褷襂覭覯覮觲殻謞 訴認誤謅搽謢謏謒誂謇營謈謆謜謓 謚豏穀狮豱豯貕貔賹赯蹎蹍蹓蹐蹌蹇 轃轀邅澨鄸醚醢醛醙營醡醝醠鎡鎃鎯 結鏈锴鍼鍘鍜鍶鍉鍐鍑鍠緱鎏鍌錅鍹 歸又了名56789ABCDEF 弊鞝鞟韔韱顁顄顊顉顧頝餥餫鰗餪餳 餲餯餭餱餰戫馣馡騂駺駥駷駹駸駶駻 鯣說駼嶡挭鬗髽鬁髼魈鮚鮨鮞鮛鮦鮡 絡鮤鮆鮢軳鮯鳷鵁鵧鴶鴮鴯鴱鴸鴰 路鵂鸼钨鮤鵀鴽鴉鴭麊麉麍麰賍黚 跋奟鼣鼣罰齓龠儱儭儮喓嚗噅屬嘯嘀
EA40 EA50 EA70 EA70 EA70 EA70 EA90 EA90 EA0 EA0 EA0 EA0 EA0 EA0 EB0 EB50 EB60 EB70 EB0 EB0 EB0 EB0 EB0 EB0	0123456789ABCDEF 澢滩澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊焯燏熽燘熼燆燚燛犝犞獩獦獧獬獥 澰獪瑿璚璠璔璒璕瓐甋疀瘯瘰瘱瘽瘳 度瘵瘲瘰皶盦瞚瞝瞡瞜땞蓸瞣瞕瞙	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 4 0 E E 0 E E 0 E E 0 E E 0 E F 0 E F 0 E F 5 0 E F 6 0 E F 7 0 E F 8 0	0123456789ABCDEF
EA40 EA50 EA70 EA70 EA70 EA70 EA90 EA90 EA0 EA0 EA0 EA0 EA0 EA0 EA0 EB0 EB50 EB60 EB0 EB0 EB0 EB0 EB0	0123456789ABCDEF 澢滩澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊焯燏熽燘塓燆о燛曀犞獩獦獧獬獥 澰獪瑿璚璠璔璒璕瓐甋疀瘯瘰瘱瘽瘳 度瘵瘲瘰皶盦瞚瞝瞡瞜땞蓸瞣瞕瞙	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 9 0 E E 0 E E 0 E E 0 E E 0 E F 0 E F 0 E F 5 0 E F 6 0 E F 7 0 E F 8 0	0123456789ABCDEF
EA40 EA50 EA70 EA70 EA70 EA70 EA90 EA90 EA70 EA70 EA70 EA70 EA70 EA70 EB70 EB50 EB70 EB00	0123456789ABCDEF 澢滩澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊焯燏熽燘塓燆о燛曀犞獩獦獧獬獥 浚獪瑿璚璠璔璒璕瓐甋疀瘯瘰瘱瘽瘳 度瘵瘲瘰皶盦瞚瞝瞡瞜睵蓸瞣瞕瞙	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 9 0 E E 0 E E 0 E E 0 E F 0 E F 0 E F 5 0 E F 6 0 E F 7 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 8 0 E F 9 0 E F 8 0	0123456789ABCDEF 積蕼姦薡諕蕸蕗薐薖祾薍雜薝薁薢蔜 蒼婦蕹蓼達稳중獻娘螭螭蟅雜 [†] 螹螵 螳婦꽿蟃蟂蟌螷螯墊蟊螴螶螀螸螽蟞 螳っ褳之。 訴謖謑謅謋謢謏謒誂惷營 曑謆謜謓 謚豏穀狮豱豯貕貔賹赯蹎蹍蹓蹐蹌蹇 轃轀邅遾鄸醚醢醛醙營醡菧醠鎡鎃鏥 結鏈難鎖期鍶鍉錢鍑鍠緱鎏鍌鍫諠 歸関関閷隮隰隬霠葓霘霝霙羫鞡鞜 0123456789ABCDEF 弊鞝鞟韔韱顁顄顊顉顅頝餥餫鰗餪餳 餲襐餭羪鶦鵀鴽鴉鴭麊蟇麍麰賍黚 鮁鼀鼤駾釢齔龠儱儭儮嚘嚜嚗嚚嚝嚙 妈熘屫屪巀幭幮懘懟懭懮懱懪劗懫懖 懩揓攄擽犣瀁攃擼斔旛噮嘕瓀濳檹襦 響
EA40 EA50 EA70 EA70 EA70 EA70 EA90 EA90 EA70 EA70 EA70 EA70 EA70 EA70 EB70 EB50 EB70 EB00	0123456789ABCDEF 澢滩澫濍澯澲澰燅燂熿熸燖墠煂燋燔 燊焯燏熽燘塓燆о燛曀犞獩獦獧獬獥 澰獪瑿璚璠璔璒璕瓐甋疀瘬瘰瘱瘽瘳 瘰瘲瘰皶盦瞚瞝瞡瞜睵蓸瞣瞕瞙	E E 4 0 E E 5 0 E E 6 0 E E 7 0 E E 8 0 E E 4 0 E E 0 E E 0 E E 0 E E 0 E F 0 E F 0 E F 5 0	0123456789ABCDEF 積蕼姦薡諕憇蕗薐薖祾飢雜蒼薁薜蔜 答姨蕹苳逹稳춠虨螾螪摛蟅螰螬螹螵 螳蠕꽿嬽蟂蟌螷螯墊蟊螴螶螀螸螽蟞 螳褵褳襦~微襒褷襂覭覯覮觲殻謞 訴認誤謅搽謢謏謒謕惷謍 謈謆謜謓 謚豏穀狮豱豯貕貔賹赯蹎蹍蹓蹐蹌蹇 轃輼邅澨鄸醚醢醛醙營醡菧醠鎡鎃鎯 結鏈锴鍼鍘鍜鍶鍉鍐鍑鍠緱鎏鍌鍪鍹 闔閺闅閷隮隰隬霠葓霘霝霙羫鞡鞜 0123456789ABCDEF 海鞝諄韔韱顁顄顊顉顧頝餥餫鰗餪餳 餲襐艎段罰戫蔭馡騂駺駥駷駹駸駶駻 賜說駼騃挭鬗髽鬁髼魈鮚島鮞鮛鲖鮡 絕鮤鮆鮢軳鮯鳷鵁鵧鴶鷧礍鴱鴸鴰 路鵂鸼钨鮤鵀鴽鴉鴭鼉蟇麍ᆇ賍黚 黻鼀鼤跶鼢齕龠儱儭儮嚘嚜嚗嚚嚝嚙 吳嬼屫屟鯊幭幮懘懟懭懮懱懪劗懫懖 橫擿瘨擽擸攁擛擼斔廅噮呧曘櫅檹襦 櫡櫆榛慉慖櫇璴裷焿跮劔鼮臔蓙ブ

$\overline{240}$	錋鋾錉錀鋻錖閝闍閾閹閺閶閿閵髾隩
50	雔霻霠霐鞙鞗鞔韰韸頵頯頲餤餟餧餩
C 6 0	馞 駮駬駥駤駰駣駪駩 駨 骹胼骴骻髶髺
270	髹髷鬳鮀鮅銇鉣魾魻鮂飵鮒鲐魺鮕
$^{-80}$	
90	
' A O	射的欧鸡昭碧5%\$
BŐ	摩墜麸物野野粉商亂傭債儶僎僟儩勮
CO	훕麼!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
<u></u>	"宋明盛"同"受"还曾道"平""王"同"好""三"流州注 雖被極捷陸續厭建頭它這麼麼能從公論
· <u>F ()</u>	政功学为前效学家学生之间》(新来)是"特"(\$1)16725 定敬/容/标/香/春/香/香/塔/这/远/香/原片集/研究(\$1)
	念心:学问他们的你们我们到前帮你们帮你?
ΓU	小剧》系历以12、12、12、13、13、12、13、12、13、12、13、13、13、13、13、13、13、13、13、13、13、13、13、
<u>140</u>	祭渠恢個備憧憬陸慽排風默燈點輯家)#2054(1) #355(1) #383(2) #365(1)
050	深爾科德法司德佩兪漆澤総陸憶爆燈
) <u>60</u>	馮燰 燢꺪獮獯瑬篴堛 壀 堜埂璱塅螧甐
0.70	甑盭甏疄癊 癈癉癇皤盩瞵瞕瞲瞷瞔
080	
) () ()	
\overline{OAO}	瞴瞱瞨矰磳磽礂磂磼磲礅磹磾礄禫
B0	禨穜穛穖穘穔穚 窾竀 竁簅簏篲簀篿篥
CO	簎篴簋篳簂簉簃簁篸篽簆蔀歶簐簊糨
DDO	缡鏇繂縳顡縸縪鎤繀繇縩繌縰縻槷緊
DE O	縺 罅罿罾罻翴翲耬膻臄臌臊 臅臇膼臩
)FO	艛艚艜薃薀薏籇麄薠薋薣蕻薤薚薞
	0123456789ABCDEF
140	藸蕼薉嫃 齡蕸詃蕿蘠鍙劀蓷薝萉鯥敼
50	荃 ····································
60	權權機幅幅幅度整勢產隊贏將欲為徵
70	崆福裡裡裡沿海洋 滋見和美麗
80	
	据规ジャンプ和通知资料
$\frac{\Delta O}{P O}$	の作い文の天の勿は不は文の文は石のに「宮」宮」の料の小い兵 また「美美」が描え回えるの変の創法、は時代の尾の別が行ん。実
	后最近秋季又列水了四方关步关于把只量外台起来此依此田此内以后之里。 由表由四分面分类,指U系改进方面发展的公式都在新生品中分分的后台的
	如她到前期期的花玩戏戏戏社会、金金金包
	瑡蝆絑硸粊雈拪蘝蛽珆槝粆媘蚠阇檴
<u>. F U</u>	圍剿則柳齊際腳發洪滴論英控軸輪
40	翠响 罕 表
` <u>50</u>	揭餯锃餱餰戫篐馡騂躴駥駷駹裦駶駻
60	锔駾駼騃挭 鵊髽鬁髼魈鮚鮨鮞鮛鮦鮡
70	鮥鮤鮆鮢鮠鮯鳷鵁鵧鴶鴮鴯鴱鴸鴰
80	
90	
A0	鵅鵂鵃鴾鮤鵀鴽翵鴭麊麉麍麰黈黚
ΒQ	黻鼀鼤鼣鼢齔龠儱儭儮嚘嚜嚗嚚 嚝嚙
C 0	奰嬼窹屪巀幭幮懘懟懭懮懱懪 懰懫懖
ΤO	
	懩擿攄擽擸攁攃擼斔旛曚矄曘櫅檹檽
ΕO	懩擿攄擽擸攁攃擼斔旛曚矄曘櫅檹檽 櫡欟檺檶槶櫇檴檭歞瑿蘣瀒瀌瀍瀁瀅
E O F O	懩擿攄擽擸攁嶚擼斔旛曚矄曘櫅檹檽 櫡櫆橠檶欛燘檴檭歞毉氋瀇瀌瀍蓭瀅 瀫瀎灑瀀蹐鶆漅濷滮壏罶熃烰燽獶

		\mathbf{D} 1 1 \mathbf{O}	
F040	塉 墧嬩瓁媦 掹 墿壗鮂乺澱癇癙襘癓澑	F440	嗳害嘛」與喧戰/要馬俵(集]紫按」與是與
F050	癚曒皾텶矂瞺槥礌礓礔礉礐礒礑禭徻	F450	躘曣 曤儱櫰檚 櫨 欚琹櫮櫯褑潩凔潩樱
F060	檖簜簩簙簠韏簭簝簦簨簢簥簰繜繐鏾	F460	瀱 灂瀸瀿瀺淪 灀 瀻瀳灛爓爔犨獽獼璺
FOTO	繣繘繢鐔繑繠繗繓羵羳翉翸膭臑臒	F470	皫皪皼盭矌矎矏矍矲礥礣礧礨礤礩
FOSO		F480	
		$\mathbf{F} = 1 \mathbf{O} \mathbf{O}$	
F 0 9 0	日本 かみ かか ニュニ ニュニ ナナ チェニ ナメ キュ キュ スコ スコ ナメ ナメ	1 + 90	
FUAU	腒 腫	F4AU	備應價層較量取翟豪與簡論繼編線
FOBO	疉藈藅薱 貍 藒 蘤薸薷薾虩蟧蟦蟢蟛蟫	F4B0	郉翻聹膒臉舋懞臢龍霻蘁賴 벍擇歷斵
FOCO	蟪 蟥蟟蟳蟤蟔蟜 蟓蟭蟘蟣斔 蟗蟙 蠁蟴	F4C0	蘹 藢蘌藽蠙蠐蠑蠗蠓蠖襣襦膼觷譠譪
FODO	蟨蟝襓襋襏襌襆襐襑襉謪 謧謣謳誱謵	F4D0	譝譨譣譥譧諁趮躆躈躄轙轖轗轕轘鐜
FOFO	淁謯譃霋謱詾嫯鏧訷謮謤漧婱摰豂豵	F4E0	え酃鄽藬臄鳭飋 鍚譈漛鐠鑚鑟鏾鐕鐐
EOEO	疱貓绿醋熱般醫院帶腳腳點頭標	F4F0	著符缘描编绘采维继续领媒锺焜堂
$\Gamma O \Gamma O$	她決發項員然員即的心地對政府起意	1 41 17	9日9立9间9年9 只 9天9日2009万9万9天
	UIZ3456789ABCDEF		
F140	蹛筳蹡蹝蹩휟螰軫轈轋鄨鄺鄣麨齺醥	F540	鍒豩弽鐑鐆鬫闠鴐滗參輫楆矠鬠賏戫
<u>F150</u>	醧醯醪鎵鎌鎒鎷鏄鎝鎉鎧鎎鎫鎞鎦鎕	F550	噸顟飁飂饐饎饙饌饋饓騲騴騱騬騪翳
F160	鎈鎙鎟鎍鎱鎑鎲鎤鎨鵭鎣蜲闟闦闑隳	F560	騩騮騸 騭髇艖膊鬐鬒鬑鰋鲽鳀鰅鳆鯸
F170	螒藲瘨鴍臒齝 匫霢奒鞬鍉鍻鍧鞤嫯	F570	警察戰擊蘇朝藏皇突聽罵罵罵騙調調
F180		F580	
$\mathbf{E} = \mathbf{O} \mathbf{O}$		F 5 0 0	
$\Gamma 1 90$		$\Gamma \supset 90$	田白圣 6 삼百日白 8 년 日 6 00 6 12 6 년 6 년 6 년 7 6 공연 종水 호텔
FIAU	柴韓華蓬蘇縣映朝風思麗願閉與	FSAU	医马利马利马马克马马马马克马克马克马克马克马克马克马克马克马克马克马克马克马克马
F1BO	騋騉騍鵦騑騊騅鮥勦髀髜鬈鬄鬅蕑騺	F5BO	鵊麙蝑霞 賩黤黧黦鼰鼮齫 龆齞齝齙龑
F 1 C O	魊魌魋鋎鯆鯃鮿鲠鮵鮸鯓鮶鯄鮹鮽鵜	F5CO	儺儹휌劗噰嚽嚾孈孇蘬巏廱懽攛 欂樴
F1DO	鵓鵏鵊鵛鵋鵙鵖鵌鵗鵒鵔鵟鵘鵚麎麌	F5D0	櫰櫸欀 澧 灄灊灈灉灅灆爝爚爙獾甗癪
F1EO	黟靇孴鼖黻範鼪鼩鼨齍齕僂僋劖勪厴	F5E0	矐礭鷞礯籔籓糷 繬顟缬纋纆纍櫐羻耰
F1F0	骝噽 靨嚧圑顂 虘滑閸癳灅媹嫙嶤麘	F 5 F O	富董葆英薩莊蔚藍諸蔚莧蔣敏茲莶
			加約30年 36 668 15 月上十分 33 25 27 57 18 36 36 36
			0123456780APCDEE
	0123456789ABCDEF		0123456789ABCDEF
F240	0123456789ABCDEF 徿懻攇攐 攗攉慖 攎斄旞旝曞櫧櫠櫌櫑	F640	0123456789ABCDEF 蠩蠝蛾蠠蠤蠜蠫峨襭襩襮襫觺譹譸譅
F240 F250	<mark>0123456789ABCDEF</mark> 徿懻攇攐 謆 攉慖攎斄旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜櫐奦櫏櫍檰 歝殰 毺瀙瀧滐瀖	F640 F650	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫렗襭襩襮襫觺譹譸譅 譺譻贐贔趯躎躌轞轛轝鄷酄酅齲鐿鐻
F240 F250 F260	0123456789ABCDEF 徿懻攇攐 擃攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毺瀙瀧濚瀖 瀔瀡瀢瀣瀩瀗瀤瀜 螸 爌爈蓻爂燡樜犦	F640 F650 F660	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫렗襭襩襮襫觺譹譸譅 譺譻灎贔趯躎躌轞轛轝鄷酄酅驨鐿鐻 鐶鐩鐽鐼鐰郶鐪鐷鐬鑀鐱闧闅闇戩薇
F240 F250 F260 F270	0123456789ABCDEF 徿懻攇攐 謆攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毺瀙瀧濚瀖 瀫瀡瀢瀣瀩瀗瀤瀜縶 熿 爈爇爂煋樜犦 犤犣犡瓋瓅璷瓃甖癠矉矊矄矱礄礛	F640 F650 F660 F670	0123456789ABCDEF 蠩蠝幭蠠蠤蠜蠫衊襭襩襮襫觺譹譸譅 譺譻贐贔趯躎躌轞轛轝酆酄酅醹鐿鐻 鐶鐩鏠鐼鐰鉪鐪鐷鐬鑀鐱闧闄闇霰薇 鞿鞾兡飉飆飀饘饖騹騽驆驄驂鷘騺
F240 F250 F260 F270 F280	<u>0123456789ABCDEF</u> 徿懻攇攐 瀇攉慖攎斄 旞旝嘪櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰氇瀙瀧濚瀖 瀫瀡瀢瀣瀩瀗瀤瀜 螜爌 爈爇爂燡樜襮 犤犣犡瓋瓅璷瓃甖癠矉矊矄矱礝礛	F640 F650 F660 F670 F680	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫랧襭襩襮襫觺譹譸譅 譺譻贐贔趯躎躌轞轛轝酆酄酅醹鐿鐻 鐶嬘鐽鐼鐰郶鐪鐷鐬皧鍮闧闄闣霵霺 鞿鞾兡飉飆膃饘饖騹騽驆聦驂鷘騺
F240 F250 F260 F270 F280 F290	0123456789ABCDEF 徿懻攇攐 瀇攉慖攎斄 旞旝 嘪櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰氇瀙瀧濚忂 瀫瀡瀢瀣瀩瀗滚瀜	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 9 0	0123456789ABCDEF 蠩蠝鰬蠠蠤蠜蠫倵襭襩襮襫觺譹譸譅 譺譻贐贔趯躎躌轞轛轝酆酄酅醽鐿鐻 鐶嬘鐽鐼鐰郶鐪鐷鐬皧鐱闧鬫闣籖薇 鞿鞾兡飉飆鶗饘歲騹騽驆憅驂鷘騺
F240 F250 F260 F270 F280 F290 F290	0123456789ABCDEF 徿懻攇攐 瀇攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰氇瀙瀧濚瀖 濲瀡瀢瀣瀩瀗滚瀜	$ \begin{array}{c} F 6 4 0 \\ F 6 5 0 \\ F 6 6 0 \\ F 6 7 0 \\ F 6 8 0 \\ F 6 9 0 \\ F 6 9 0 \\ \end{array} $	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺譹譸譅 譺譻贐贔趯躎躌轞轛轝酆酄酅醹鐿鐪 鐶嬘鑓鐼鐰蝹鐪鐷鐬皧鐱闧鬫闣奯薇 穖鞾顤飉飆飀饘饖騹騽驒戅驂鷘騺
F240 F250 F260 F270 F280 F290 F290 F280	0123456789ABCDEF 徿懻攇攐謆攉慖攎斄旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰氇瀙瀧濚瀖 濲穟瀢瀣瀩瀗滚瀜	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 9 0 F 6 9 0	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻贐贔趯躎躌轞轛轝酆酄酅醹嬑縤 鐶嬘鑓鐼鐰蝹鐪鐷鐬皧鐱闧闄闣奯薇 穖鞾顤飉飆飀饘餯騹騽驆戅驂鸄騺
F240 F250 F260 F270 F280 F290 F280 F280 F280	0123456789ABCDEF 徿懻攇攐 嶡攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰氇瀙瀧濚瀖 濲穟瀢瀣瀩瀗滚瀜鳘爌爈爇爂燡樜攐 犤犣犡瓋瓅璷瓃甖癠矉矊矄矱礝礛 礡礜礗礞禰穧穨簳簼簹簬簻糬糪繶 繵烾缲徥⊲繎辧蓔絓罋罊罼羆羷鮙翲	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 9 0 F 6 4 0 F 6 8 0	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻贐贔趯躎躌轞轛轝鄷酄酅醹嬑鐪 鐶嬘鏈鐼鐰鎾鐪鐷鐬皧鐱闧鬫闣奯薇 穖鞾兡曃飆鶗饘餯騹騽驆戅驂鷘騺 騿髍鬕鬗篗鬖鬺魒鰫騗鳒鯎鰣鳎鰩 鰤鬸鶷鶶甉鹢烮鷊틙螒鶔鷃鶻鵎鷎嚻
F240 F250 F260 F270 F280 F290 F280 F280 F280 F280 F280	0123456789ABCDEF 徿懻攇攐 嶡攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毰瀙瀧濚瀖 濲繈瀢瀣瀩瀗瀤瀜 螸 爌爈爇爂燡樜襮 犤犣犡瓋瓅璷瓃甖癠矉矊矄矱礝礛 磰礜礗礞禰穧穨簳簼簹簬簻糬糪繶 纑烾缲ዲ缳繎繲蓔絓窖罊罼羆羷覷翲 聸臗臕儀艡艣藫藱藭藙藡蕉蓸藗藬藲	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 9 0 F 6 4 0 F 6 8 0 F 6 8 0 F 6 C 0	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻豓贔趯躎躌轞轛轝鄷酄酅醹嬑縤 鐶鐩鐽鐼鐰鎾鐪鐷鐬皧鐱闧鬫闣奯薇 穖鞾兡廰飆膃혭餯騹騽驆憅驂鷘騺 騿髍鬕鬗篗鬖鬺魒鰫騗鳒鯎鰣鳎鰩 鰤鰡鶷鶶甉鹢毂鷊鵙螒鶔鷃鵑鵎鷎嚻 澔鶬鯣獽篧鶦鷌鳚鷍鵗艖稁鞺黮눩鐜縣
F240 F250 F260 F270 F280 F290 F280 F280 F280 F200 F200	0123456789ABCDEF 徿懻攇攐 嶡攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毰瀙瀧濚瀖 濲繈瀢瀣瀩瀗瀤瀜 瀪 爌爈爇爂燡樜襮 犤犣犡瓋瓅璷瓃甖癠矉矊矄矱礝礛 磰礜礗礞禰穧穨簳簼簹簬簻糬糪繶 纑繸缲ዲ缳繺繲緊絓罋罊罼羆羷覷翾 聸臗臕黀艡艣藫藱藭藙藡蕉蓸藗藬藲 藸藘蒕藣藜藑藰蓙藯藞藢蠀蟺鸁蟶蟷	$\begin{array}{c} F 6 4 0 \\ F 6 5 0 \\ F 6 6 0 \\ F 6 7 0 \\ F 6 5 0 \\ F 6 9 0 \\ F 6 0 \\ F 6 B 0 \\ F 6 D 0 \\ F 6 D 0 \end{array}$	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻豓贔趯躎躌轞轛轝鄷酄酅醹嬑縤 鐶嬘鐽鐼鐰鎾鐪鐷鐬皧鐱闧鬫闣奯薇 穖鞾兡廰飆鶌혭饖騹騽驆憅驂鷘騺 騿髍鬕鬗篗髼鬺魒鰫騗鳒鯎鲥鳎鰩 鰤鰡鶷鶶甉鹢縠鷊틙螒鶔鷃鶻鵎鷎嚻 붻鶬蜧奞鶦魌蛠鷍鵗艖檃鞺黮訷鬖縣 鼚鼱齎齥齤龒斖嚺囅囋樊嬔孌巕巑廲
$\begin{array}{c} F 2 4 0 \\ F 2 5 0 \\ F 2 6 0 \\ F 2 7 0 \\ F 2 7 0 \\ F 2 0 \\ F	0123456789ABCDEF 徿懻攇攐 퉳攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿 凳楃櫍 檰歠殰氇瀙瀧滐瀖 濲瀡瀢瀣瀩瀗滚瀜瀪爌燋爇爂燡樜懪 犤犣櫔瓋瓅璷瓃甖癠矉矊矄矱礝礛 礡礜礗礞禰纃穨簳簎簹簬簻糬槩繶 纑繸缲缋缳繺繲繴絓罋罊冪羆羷覷翾 聸臗臕鸃艡胇藫藱藭藙藡嶣蓸藗藬藲 藸藘蕌藣藜藑藰蓙藯藞藢蠀蟺鸁蟶蟷 蠉蠌蠋蘲蟼蠈蟿蠊蠂襢褨禯襗襡襜襘	$\begin{array}{c} F 6 4 0 \\ F 6 5 0 \\ F 6 6 0 \\ F 6 7 0 \\ F 6 8 0 \\ F 6 0 \\ F	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻譃贔趯躎躌轞轛觷鄷酄酅醹嬑縤 鐶嬘鐽鐼鐰鎾鐪鐷鐬皧鐱闧闄闣霰薇 穖鞾兡廰飆鶌饘饖騹騽驆聴驂鷘騺 騎髍鬕鬗鬘鬖鬺魒鰫鰝鳒鯎鲥鳎鰩 鰤鰡謞鶶甉鴣殾鷊鵙斡鶔熋鵳鶢鸅嚻 붾鶬蜧奞鶦鷌鳨鷍鵗鹾嶪黫黮黭鼛鼘 鼚鼱齎齥齤 櫄寷嚺 囅囋奱娥奱巕巑廲 攡攠擸攢欋欈欉氍灕灖灗灒爞熣颦獿
$\begin{array}{c} F 2 4 0 \\ F 2 5 0 \\ F 2 6 0 \\ F 2 7 0 \\ F 2 8 0 \\ F 2 9 0 \\ F 2 9 0 \\ F 2	0123456789ABCDEF 徿懻攇攐 퉳攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰氇瀙瀧滐瀖 濲瀡瀢瀣瀩瀗滚瀜瀪爌燋爇爂燡樜犦 犤犣櫔瓋咪璷瓃甖癠矉矊矄矱礝礛	F 6 4 0 $F 6 5 0$ $F 6 6 0$ $F 6 7 0$ $F 6 8 0$ $F 6 8 0$ $F 6 8 0$ $F 6 8 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻譃贔趯躎躌轞轛觷鄷酄酅醹嬑縤 鐶嬘鐽鐼鐰鎾鐪鐷鐬皧鐱闧闎闣黖霺 鞿韡兡廰飆鶌饘饖騹騽驆聴驂鷘騺 騎痲鬕鬗鬘鬖鬺魒鰫鰝鳒鯎鲥鳎鰩 鰤鰡謞鶶甉鴣殾鷊鷏斡鷅熋鵳鶢鸅嚻 붾鶬蜧奞鶦鷌鳨鷍鵗鹾稁黫黮黭鼛蘙 鼚鼱齎齥齤蘌寷嚺囅囋奱娥奱巕巑廲 攡攠擸攢欋欈欉氍灉灖灗灒爞爟犩獿 瓏瓕豏嚋釂磭禴穕穱鐕籜簶虄藘
$\begin{array}{c} F240\\ F250\\ F260\\ F270\\ F280\\ F280\\ F280\\ F280\\ F260\\ F200\\ F20$	0123456789ABCDEF 徿懻攇攐 퉳攉慖攎斄 旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿 凳楃櫍 檰歠殰氇瀙瀧滐瀖 濲瀡瀢瀣瀩瀗滚瀜瀪爌燋爇爂燡樜犦 犤犣櫔瓋咪璷瓃甖癠矉矊矄矱礝礛	$\begin{array}{c} F 6 4 0 \\ F 6 5 0 \\ F 6 6 0 \\ F 6 7 0 \\ F 6 8 0 \\ F 6 F 0 \\ F 6 F 0 \\ F 6 F 0 \end{array}$	O123456789ABCDEF 結蟬誤蠠蠤蠜蠫倵襭襩襮襫觺謲譸譅 譺譻驉贔趯躎躌轞轛譽酆酄酅醹嬑縤 鐶嬘鐽鐼鐰鎾鐪鐷鐬皧鐱闧闦闣黖霺 耧鞾兡廰飆鶌饘饖騹騽驆聴驂鷘騺 ▶篩鬑鬕鬗鬘鬖鬺魒鰫鰝鳒鯎鲥鳎鰩 鰤鰡謞鶶甉鹢縠鷊鷏斡鷅熋鵑鶵鷎嚻 ا淌鶬蜧奞鶦鷌鳨鷍鵗鹾稁黫黮黭鼛蘙 鼚鼱齎齥齤蘌斖嚺囅囋奱娥鱳巕巑廲 攡攠擸攢欋欈欉氍灘灖灗灒嬧爟犩獿 壦瓕瑧瓗癭皭礵禴穖穱籫鎽錼籛蘆
$\begin{array}{c} F240\\ F250\\ F260\\ F270\\ F280\\ F280\\ F280\\ F280\\ F260\\ F200\\ F20$	0123456789ABCDEF 徿懻攇攐퉳攉慖攎斄旞旝曞櫧櫠櫌櫑 櫙櫋偨櫜喿奦櫏櫍檰歠殰氇瀙瀧滐瀖 濲稜瀢湓瀩瀗滚瀜鳘爌燋爇爂燡樜犦 犤犣犡瓋瓅璷瓃甖霫矉矊矄矱礝礛	F 6 4 0 $F 6 5 0$ $F 6 6 0$ $F 6 7 0$ $F 6 8 0$ $F 6 8 0$ $F 6 8 0$ $F 6 8 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F290 F280 F20	0123456789ABCDEF 徿慺攇攐퉳攉慖攎斄旞旛曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毰瀙瀧滐瀖 濲瀡瀢瀣瀩瀗滚瀜瀪爌燋爇爂燡樜犦 犤犣櫔瓋咪璷瓃甖霫矉矊矄矱礝礛 礡礜礗礞禰纃穨簳簼簹簬簻糬槩繶 纑鐩缲鍉繯繺繲繴絓罋罊冪羆羷覷翾 聸臗臕黀艡胇葏藱藭藙藡蕉蓸藗藬藲 蕔藘蒕藣藜菄藰蓙藯藞葰蠀蟺鸁蟶蟷 蠉蠌蠋蘲蟼蠈瑿蠊蠂襢褨禯襗襡襜襘 襝襙覈覷覶觶譐譈譊譀譓譖謑譋譕	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 8 0 F 6 8 0 F 6 0 F 0 0 F 6 0 F 0 0 F 6 0 F 0 0	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F290 F280 F280 F200 F200 F200 F200 F200 F20	0123456789ABCDEF 徿慺攇攐퉳攉慖攎斄旞旝曞櫧櫠櫌櫑 櫙櫋偨櫜喿奦櫏櫍檰歠殰毰瀙瀧滐瀖 濲繈瀢瀣瀩瀗滚瀜瀪爌燋爇煛燡樜犦 犤犣櫔瓋咪璷瓃甖霫矉矊矄矱礝礛 ··································	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 8 0 F 6 8 0 F 6 0 F 0 0 F 6 0 F 0 0 F 6 0 F 0 0	0123456789ABCDEF 結
F 2 4 0 $F 2 5 0$ $F 2 6 0$ $F 2 7 0$ $F 2 8 0$ $F 2 9 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$	0123456789ABCDEF 徿慺攇攐퉳攉慖攎斄旞旝曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毺瀙瀧滐瀖 濲豮瀢瀣瀩瀗滚瀜鳘爌燋爇奥燡犥犦 犤犣櫔瓋咪璷瓃甖癠矉矊矄矱礝礛 ··································	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 9 0 F 6 9 0 F 6 4 0 F 6 0 F 7 0	0123456789ABCDEF 蠩蠝蛦蠠蠤蠜蠫倵襭襩襮襫觺譹譸譅 譺譻灎贔趯躎躌轞轛觷酆酄鄬醹嬑鎍 鐶嬘鐽鐼鐰鎾鐪鐷鐬皧鐱闧闦闣籖薇 鞿韡兡飉飆鶌饘饖騹騽驆聴驂鷘騺 騎ጨ鬕鬗复鬖鬺魒鰫騗鳒鯎鰣鳎鰩 鰤鰡鶷鶶甉鹢殾鷊鷏斡鷅읧≧鶵鸅鹞 跳鶬蜧奞鳦鷌蛠鷍鵗醝梥臸黮黭鐜蘙 罊鼱齎齥齤 殜匫嘠囅囋奱 媲孌巕巑廲 攡攠擸攢欋欈欉氍滩 <i>磼灗</i> 灒爞爟犩獿 壦瓕豏瓗瀤皭礵禴穛穱鼄籜爒鎱籚 0123456789ABCDEF 灐櫱纑罏羇臞膧蓃蘵詿蘬蘲蘶蠬蠨蠦 龑蠺襱靚覾偨諊瓃讂箵讅譿贕躢躚趪
F 2 4 0 $F 2 5 0$ $F 2 6 0$ $F 2 7 0$ $F 2 8 0$ $F 2 9 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 3 0$ $F 3 0$	0123456789ABCDEF 徿慺攇攐퉳攉慖攎斄旞旛曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毰瀙瀧滐瀖 濲瀡瀢瀣瀩瀗滚瀜鳘爌燋爇奥燡摅犦 犤犣櫔瓋咪璷瓃甖癠矉矊矄矱礝礛 ··································	F 6 4 0 $F 6 5 0$ $F 6 6 0$ $F 6 7 0$ $F 6 9 0$ $F 6 9 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 6 0$ $F 7 5 0$ $F 7 5 0$	0123456789ABCDEF 結
F 2 4 0 $F 2 5 0$ $F 2 6 0$ $F 2 7 0$ $F 2 8 0$ $F 2 9 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 3 0$ $F 3 0$ $F 3 0$ $F 3 0$	0123456789ABCDEF 徿慺攇攐퉳攉慖攎斄旞旛曞櫧櫠櫌櫑 櫙櫋櫟櫜喿奦櫏櫍檰歠殰毰瀙瀧滐瀖 濲豮瀢瀣瀩瀗滚瀜鳘爌燋爇奥燡摅犦 霰糚禲瓋珠璷瓃甖霫矉矊矄矱礌礛 ··································	$\begin{array}{c} F 6 4 0 \\ F 6 5 0 \\ F 6 5 0 \\ F 6 7 0 \\ F 6 7 0 \\ F 6 9 0 \\ F 6 8 0 \\ F 6 8 0 \\ F 6 8 0 \\ F 6 F 0 \\ F 6 F 0 \\ F 7 5 0 \\ F 7 5 0 \\ F 7 5 0 \\ F 7 7 0 \\ \end{array}$	0123456789ABCDEF 結
F 2 4 0 $F 2 5 0$ $F 2 6 0$ $F 2 7 0$ $F 2 8 0$ $F 2 9 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 2 0$ $F 3 0$ $F 3 0$ $F 3 0$ $F 3 0$ $F 3 0$ $F 3 0$	0123456789ABCDEF 微懷癔滾>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	$\begin{array}{c} F 6 4 0 \\ F 6 5 0 \\ F 6 5 0 \\ F 6 7 0 \\ F 6 7 0 \\ F 6 8 0 \\ F 6 8 0 \\ F 6 8 0 \\ F 6 F 0 \\ F 6 5 0 \\ F 7 7 0 \\ F 7 7 0 \\ F 7 8 0 \end{array}$	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F290 F280 F200 F200 F200 F200 F200 F250 F350 F350 F350 F350 F380 F390	0123456789ABCDEF 微懷癔滾>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 9 0 F 6 9 0 F 6 8 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 5 0 F 7 5 0 F 7 7 0 F 7 8 0 F 7 9 0	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F290 F200 F200 F200 F200 F200 F200 F300 F350 F360 F380 F390 F380 F390 F390 F390 F390 F390 F390 F390 F390 F390 F390	<text><text><text></text></text></text>	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 9 0 F 6 9 0 F 6 9 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 5 0 F 7 5 0 F 7 7 0 F 7 8 0 F 7 9 0 F 7 4 0	0123456789ABCDEF 結螺蟆蠠蠤蠜製倵襭襩襮襫觺諺禱譅 談響墬贔趯躎痹轞轛譽酆酄鄬醹嬑鎍 鐶嬘鏈鐼鐰鎚鐪鐷鐬猨鐱闧闅闣籖薇 譏鞾兡飉飆膃饘饖騹騽驆聴驂鷘騺 ⇒ 聯廠鬕鬗篗鬖鬺魒鰫騗鳒鯎鲥鳎鰩 鰤鰡鶷鶶甉鹢殾鷊鵙斡醝稟孯駹黭鼟蘙 首 <equation-block> 聯節諸鶶甉鹢殾鷊鵙斡點爲此 數 聯攏樁 以 者 之 5 7 123456789ABCDFF 擬 葉 這 本 親 累 陽 要 昭 備 備 儀 罷 號 窗 號 章 該 题 寫 戲 魚 照 题 韻 之 四 空 째 愛 梁 梁 之 之 四 之 四 之 四 之 四 之 四 之 四 之 四 之 四 之</equation-block>
F240 F250 F260 F270 F280 F290 F280 F200 F200 F200 F200 F200 F250 F350 F350 F360 F380 F390 F380 F390 F390 F390 F390 F390 F300	0123456789ABCDEF 微懷癔滾>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 7 0 F 6 9 0 F 6 9 0 F 6 9 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 5 0 F 7 5 0 F 7 7 0 F 7 8 0	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F290 F280 F200 F200 F200 F200 F200 F200 F300 F350 F360 F380 F390 F390 F390 F390 F390 F300	0123456789ABCDEF 微懷癔滾>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 9 0 F 6 9 0 F 6 9 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 0 F 7 5 0 F 7 7 0 F 7 8 0 F 7	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F280 F280 F200 F200 F200 F200 F200 F250 F300 F350 F380 F30 F300	0123456789ABCDEF 徿慺攇獽讝攉慖攎斄旞旝喗櫧櫠櫌櫑 櫙櫋櫟櫜喿奦楃櫍檰歠殰氇瀙瀧濚濯 滶稜瀢瀣瀩瀗滚瀜螜燶燋爇哽燡樜襮 霰稜瀢瀣瀩瀗滚瀜螜燶燋爇哽燡樜襮 犤犣櫔瓋珠璷瓃甖霫矉矊嚑矱礝礛	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 9 0 F 6 9 0 F 6 9 0 F 6 9 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 0 F 7 5 0 F 7 7 0 F 7 8 0 F	0123456789ABCDEF 結
F240 F250 F260 F270 F280 F290 F280 F200 F200 F200 F200 F200 F300 F350 F380 F300	0123456789ABCDEF 徿慺攇獽讝攉慖攎斄遮旝喗櫧櫠櫌櫑 櫙櫋櫟櫜喿奦楃櫍檰歠殰毺瀙瀧濚濯 滶稜瀢瀣瀩瀗滚瀜	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 9 0 F 6 8 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 0 F 7 5 0 F 7 7 0 F 7 8 0 F 7 8 0 F 7 8 0 F 7 8 0 F 7 8 0 F 7 0	0123456789ABCDEF 結場供裏嘉攀製は襭襩襮襫觺諺講譅 談響聽贔趯瑠蹺轞轛轝酆酄酅롦嬑鐪 蒙變鏈鏡針鷂鑄葉裁愛鐱闧闅闣霰薇 機華兡飉飆飀饘饖騹騽驆聴驂鷘鷙 驗解鷮鶶甉鹢毂鷊鵙螒鷅陽魴鯣鹖鬸 鹟鶬蜧奞鶭戅鳨鷍鵗鹾棄墅黮黭憝鼘 饕鼱齎齥齤龒斖嘐囅囋娤嫌孌巕巑廲 攡孊擸攢欋欈欉氍濰磼灗灒爞熦犩獿 壦瓕 瑧璹褒皗礝禴藮衙鼄籜錼籛籚 0123456789ABCDEF 嬥葉烅纑羇臞膧蘴蘵詿舙堇鋴蠬蠨蟰 闅薏徿覿覾觻諊讄讂讆讅譿贕朙躔躚 鍨躐躖躗轠鱳鄼鑌鑐鹱鑋鑏鑇錓銿鑉 對霿襡覷顩飋籰饛騋驓驔驈騏驈嬅 ዄ顕驗髐鬠鬫鷔魖躈鱆鱈鰿轉鰹鰳 鱁轁鰷鰴楘鰽鮗鷛鶉豞踐鼷鼲齂錋竁錀 儼劑壨躈魚燈纖孍處遌覐戃戄攩摷斖醟
F240 F250 F260 F270 F280 F280 F280 F200 F200 F200 F200 F200 F200 F300 F350 F380 F300	0123456789ABCDEF 微懷達凝濃攉慖撞辳旞旝曞櫧櫠櫌櫑 藏椽檪촟喿奦楃櫍檰歠殰氇瀙瀧濚濯 滶稜瀢湓瀩瀗滚瀜贅燶燋爇哽燡樜襮 霰첖瀢湓瀩瀗滚瀜贅燶燋爇哽燡樜瀑 犤犣饨瓋珠빫瓃朢瘤矉矊曛矱礌礛	F 6 4 0 F 6 5 0 F 6 6 0 F 6 7 0 F 6 8 0 F 6 8 0 F 6 9 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 6 0 F 7 0 F 7 5 0 F 7 7 0 F 7 8 0 F	0123456789ABCDEF 結場供裏嘉攀製候襭襩襮襫觺諺譸譅 談響聽贔趯躎蹺轞轛轝酆酄酅醹嬑錄 蒙遂鏈鐼鐰蝹鐪鐷鐬皧鐱闧闅闣奯薇 機鞾兡飉飆飀饘饖騹騽驆聴驂鷘鷙 、 聯解鴛鶶鶼鹢殼鷊鳥斡鸅錫此 解解諸鶶鶼為殼鷊鳥斡鸅發鵑鶵鸅鬸 說鶬蜧奞鶭髨鄔鷍鵗鹾棄墅黮黭憝鼘 饕鼱齎齥齤龒斖嘐囅囋塻嬂孌巕巑糜 攤攤擸攢欋欈欉氍灘灖兣灒櫄變巕巕廲 獾瓕.璙鳿癭皗碃禴穣衙輦籜爒鎈籚 0123456789ABCDFF 嬥葉纑罏羇臞膧躠蘵詿蘬堇鋴蠬蠨蠦 텋蒮覯覾偨謭讄讂讆讅譿贕朙躔趪 蹼좗颽劎颬饔饛跻驓驔驌騱퉒嬅 Suga Bag Bag Bag Bag Bag Bag Bag Bag Bag B

	0123456789ABCDEF
F840	讌讎鬙讈豅贙躘轤轣醼鑢鑕鑝鑗蟙韄
F850	韅頀驖驙鬞鬤鬠鱒鱘鱐鱊鱍鱋鱕鱙鱌
F860	鱎鷻 尊 镽鷣鷫鷸鷤鷶鷡鷮鷦 鷔灢 斄鷬
F870	鷴鷼鷨鷭黂黐黲黳鼆鼜鼸鼷鼶齃齍
F880	
F890	
F8A0	鋷齰齮齯齾囍孎蠯攭 矘曮欓灟灡灝
F8B0	灠爣 瓛瓥矕礸禷禶籪纗羉艭 裓 蠸蠷蠵
F8C0	盫讔讕躞躟躠躝囌醽釂錱鑨鑩雥靆靃
FSDO	竉韇韥驞髕躗鱣鱧鱦鱢鬤譮鸂鷾鸇鸃
F8E0	<u></u> 鷞鸀驘鸉鷿鶑鸄螷婱齆齴齵齶嚷攮
F8F0	斸欘欙欗欚 灢爦犪矘矙礹籩簮糶纚
	0123456789ABCDEF
F940	0123456789ABCDEF 纘虂纙臠戁菉蕏蘦灑襺襼瀠驨讘讙躥
F940 F950	<mark>0123456789ABCDEF</mark> 纘驣纙臠戁菉虇虈旔襺襼 槮孈 讘謯躥 躤躣鑮鑭鐡鑱鑳靉頿饟鱨鱮鱭鸋鸍鸐
F940 F950 F960	0123456789ABCDEF 纘虂纙蔅鸐茣虇虈襹襺襼 挙驨讘 讙躥 躤躣鑮鑭韱鑱籧靉頿饟鱨敟鱭鸋鸍鸐 鸏飬 鸄 螷黸畽鱋齻齺齹圞灦籯蠼趲
F940 F950 F960 F970	0123456789ABCDEF 纘虂纙 襨 臡菉蕏虈孋禰襼 挙 隲讘讙躥 躤躣鋝鑭鐡鐃鑳靉頿饟鱨軮鱭鸋鸍鸐 鸏雤 鸄 螷贍蘒齇齸齻齺齹圞灦籯蠼趲 躦釃鑴鑸鑶鏙驠齥鱳鱱鮻鸔鸓黶鼊
F940 F950 F960 F970 F980	0123456789ABCDEF 纘虂纙 襨戁菉蕏 謪孋禰襼 橕 鵧讘讙躥 聙躣鑮鑭鐡鐃趜靉頿饟蟷敟鰫鸋鸍鸐 鸏雤 鸄 觱黤鼁魖齸齻齖齹圞灦籯蠼趲 躦釃鍴鑸鑶鏙驠齥鱳鱱縼鸔鶝檿鼊
F940 F950 F960 F970 F980 F980	0123456789ABCDEF 纘虂纙 襨戁 菉蕏虈孋襺襼 橕 隲語讙躥 躤躣鑮鑭鐡鐃鑳靉頿饟鱨斔鰫횤潲鸐 鸏轝 蟼螷蛒蘒 魖齸齻齺齹鮙灦籯蝬趲 躦釃鑴鑸鑶鏙驠齥鮷鱱鮻鸔鸓檿鼊
F940 F950 F960 F970 F980 F990 F940	O123456789ABCDEF 纘虂纙蔅푫蕠蕏虈孋襺襼襂鶂語讙躥 躤躣鑮鑭鐡鐃鑳靉頿饟鱨欰鱭횤鸍鸐 鸏鸒鷘悘蜛 薎 齇齸謓齺齹圞灦籯蠼趲 躦醌鑴鑸鑶鏙驠鲿鱳鱱鱵鸔鸓黡鼊 艁灨灥糷艈蠾蕸兾讞貜躩軉癓顳頵
F940 F950 F960 F970 F980 F990 F980 F980	O123456789ABCDEF 纘虂纙臠戁髳蕏虈孋襺襼襂孈讘謯躥 躤躍鑮鑭鐡鐃鑳靉頿饟鱨敟鱭횈鸍鸐 鸏鸒 慅 悘粘蘒贴齸齻齖齹圞灦籯蠼趱 躦釃鑴鑸鑶鏙驠齥鱳鱱鱵鸔鸓黶鼊 龤灨飝糷艈蠾蠽蠿讞貜躩軉蘫顳頵 飌饡馫棸骦靹鬤鸕鸗齈蕜懡爧虌曎鑂
F940 F950 F960 F970 F980 F980 F980 F980 F980 F980	0123456789ABCDEF 纘虂纙蔅戁菉虇虈襹襺襼 襂孈讘讙躥 躤躣鑮鑭韱鑱遪奒頿饟 鰫 魶鱭鸋鸍鸐 鸏飬 鷔 麡黸畽鱋齻齺齹圞灦籯蠼趲 躦釃鑴鑸鑶鏙驠齥鱳鱱巤鸔鶝黶鼊 齝濻飝糷艬蠾蠽兾讞貜躩軉靋顳顴 飌儹褢隳狶靹鬤鸕鶦齈戅欞爧矔曎鑂 鱡遌騹驨鬮鸙爩鯬讟钃鱹蕸癵蟁鰎鸈
F940 F950 F960 F970 F980 F990 F980 F980 F980 F980 F980 F920	0123456789ABCDEF 纘虂纙蔅韢蕜虇虈孋襺襼襂燤讘讙躥 躤躣鑮镾鐡鐃遪靉頿饟鱨敟鱭鸋鸍鸐 鸏雤 鸄 麡點畽魖齸齞齺齹圞灦籯蠼趲 躦釅鑴鑸鑶鏙驠齥鱳鱱縼鸔鶝黶鼊 齝瀓飍糷艈蠾蕸趪讞貜躩軉蘫顳顜 飌儹瞐襞喌犐鬤鸇鼊齈戅懡爧虌飅鑂 鱡遌騹驨閪鸙爩 勶讟钃 鱹麷癵蟁鱦鷛 灩灪麙醔艬飝
F940 F950 F960 F970 F980 F980 F980 F980 F980 F980 F980 F920 F920	0123456789ABCDEF 纘纛纙蔅戁蔂虇蘵孋襺襼襂燤讘讙躥 躤躣鑮鑭鐡鐃遪靉頿饟鱨軮鱭鸋鸍鸐 鸏雤 鸄 螷贍蘒魖齸顏齺齹圞灦籯蠼趲 躦釃鑴鑸鑶鏙驠齥鱳鱦鮻鸔鶝黶鼊 膡纉飝欗艈蠾蠽兾讞貜躩軉薀顳顀 飌儹嚞聺驦靹鬤鸆鷘齈蕜爧爧虌檃鑂 鱡遌騹驨鬮鸙爩 繴讟钃 鱹麷癵纍鱦鷛 濜灪麤醔艬飝
F940 F950 F960 F970 F980 F980 F980 F980 F980 F900 F900 F90	0123456789ABCDEF 纘虂纙 嶶戁菉蕏 虈孋禰襼襂鵧讘讙躥 躤躣鑮鑭鐡鑱鑳靉頿饟蟷軮鱭鸋鸍鸐 繠雤 鸄 螷黤蘒嵬齸齻齺齹圞灦籯蠼趲 躦釃鑴鑸鑶鏙驠齥鱳鱱縼鸔鶝黶鼊 畨纉飝欗艈蠾譢兾讞貜躩軉蘫顳顜 飌儹嶤聺骦靹鬤鸕 鸗 齈蕜懡爧虌踁鑂 鱡遌騹驨鬮鸙熮 勶讟钃 鱹麷癵歞鼲顜 濫 灪麙醔艧飝

ESC/POS Command Specifications

Korean Language Codes 5-5

0123456789ABCDEF

A 1 A 0	`°·····" ″ \ ~ ''
A 1 B 0	"" (] 〈〉《》「」「」【】±×
A 1 C 0	÷≒≤≥∞∴°′″℃Å₡£¥♂♀
A 1 D <u>0</u>	∠⊥⌒∂⊽≡≒§※☆★○●◎◇◆
A 1 E 0	$\Box \blacksquare \triangle \blacktriangle \bigtriangledown \forall \rightarrow \leftarrow \uparrow \downarrow \leftrightarrow = \checkmark \mathrel{>} \checkmark \backsim $
A 1 F 0	∝∵∫∬∈∋⊆⊇⊂⊃∪∩∧∨¬

0 1 2 3 4 5 6 7 8 9 A B C D E F

A 2 A 0	⇒	⇔∀	∃ ′	~	*	Ŭ	n	•	•	১	٤	i	i
A 2 B 0	I 🦻	ΣΠ	ДĻ	· ‰	\triangleleft	◀	⊳	►	¢	¢	\heartsuit	۷	ද
A 2 C 0	♣ ⊙•	۵ 🗉	00				\square	\boxtimes		8	رلك	B	ଦ୍ଧ
A 2 D 0	00	4I †	† 1	7	2	٢.	\mathbf{Y}	b	J	♪	Л	B	(주)
<u>A 2 E 0</u>	No. Co.	IM am	pm Te	l									
A 2 E 0													

	0	1	2	3	4	5	6	7	8	9	A	B	С	D	Е	F
$\Lambda 3 \Lambda 0$!	"	#	\$	%	&	1	()	*	+	,	—	•	/
A 3 B 0	0	1	2	3	4	5	6	7	8	9	:	;	<	=	>	?
A 3 C 0	@	А	В	С	D	E	F	G	Н	I	J	K	L	М	Ν	0
A 3 D 0	Ρ	Q	R	S	Т	U	V	W	Х	Y	Z	Ľ	₩]	^	_
A 3 E 0	•	a	ь	с	d	е	f	g	h	i	j	k	1	m	n	0
A 3 F 0	P	q	r	S	t	u	v	w	х	у	z	{	I	}	-	

0 1 2 3 4 5 6 7 8 9 A B C D E F

A 4 A 0	フカルレスはcc2れwwぉぉぉ	į
A 4 B 0	お口日昭以人从OスヌネヲE立さト	
A 4 C 0	비ᅣ비키히히파카패키파ㅜ녀녜~	ł
A 4 D 0	π	Ś
A 4 E 0	ᄡᇹᇚᄠᄢᄣᄧᄠ鸟ᅆᅬᄽᄯᄱᄶᇴ	
A 4 F 0	00 0 0 0 0 풍 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	

0123456789ABCDEF

Λ	5	Λ	0	l		i	ii	iii	iv	v	vi	vü	viii	ix	х					
Λ	5	B	0	I	Ι	Π	Ш	IV	V	VI	VI	V	IX	Х						
Λ	5	Ĉ	0	ſ		A	В	Г	⊿	Ε	Ζ	Η	Θ	Ι	K	Λ	М	N	Ξ	0
Λ	5	Đ	0		П	Р	Σ	Т	r	∅	Х	Ψ	Ω							
Λ	5	E	0			α	β	γ	δ	ε	ζ	η	θ	٢	κ	λ	μ	ν	ξ	0
Λ	5	F	0		π	ρ	σ	τ	U	φ	χ	ψ	ω							

	0123456789ABCDEF
Λ 6 Λ θ	╶╼│ ┍╼┑╺┘┕╸┝╌╦╌╡╺┷╌╄ ╼━╿ ┍╼ ┓
A 6 B 0	┙┕┠┯┨┵╋┠┯┨┷┿┝┰┥┸
A 6 C 0	╶╆┑┑┙┙└┕┎┍┡┟┡┢┦┧┩
A 6 D 0	┥╺┬╌┮╍┰╌┲╍┵╌┶╍┹╌╊╍┽╌┾╸╂╌╂╺╃╴╄╍╅╴
A 6 E 0	╆╇╈╉╊
A 6 F 0	

	0123456789ABCDEF
A 7 A 0	µl ml dl l kl cc mi cm' m' kni fm nm µm ma cm
A 7 B 0	km nai cnỉ mỉ knỉ ha µg mg kg kt calkcal dB ™s ™s ps
A 7 C 0	n sµ snaspVnVµVnVkVMVpAn AµAnnAkApWnW
A 7 D 0	μW mW kW MW Hz kHz MHz GHz THz Ω k Ω M Ω pF nF μF mol
A7E0	cd rad 맥 맥 sr Pa kPa MPa CPa Wb 1m 1x Bq Gy Sv ‱
A7F0	
	0123456789ABCDEF
A 8 A 0	ÆÐªĦ IJ ĿŁøœºÞŦb
A 8 A 0 A 8 B 0	ÆÐ≗Ħ IJ ĿŁø⊄⊥þ∓þ つ⊌C200830839€®®®®
A 8 A 0 A 8 B 0 A 8 C 0	ÆÐ≗ĦIJĿŁø⊄≗Þ∓Þ 70000083300839 \$©\$®®®®®®®®®®®®©©0
A 8 A 0 A 8 B 0 A 8 C 0 A 8 D 0	ÆÐ≗ĦIJĿŁøœ⊥♪Ŧ⋼ 700000000000000000 Ф©©©©®©©©®©®®®®®®©© ©©©©©©©©®®®®®®®©© ©©©©©©
A 8 A 0 A 8 B 0 A 8 C 0 A 8 D 0 A 8 D 0 A 8 E 0	A D ± H I L L Ø ⊂ ⊥ D F D つしここのほんのろえうこのをか ゆゆゆゆゆゆゆゆゆのここ defeb100000000000000000000000000000000000
A 8 A 0 A 8 B 0 A 8 C 0 A 8 D 0 A 8 E 0 A 8 F 0	A D 2 H IJ L L Ø ⊂ 2 D F D つ C C C D B A O Z 3 C E G \$ 7 ゆ Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø
A 8 A 0 A 8 B 0 A 8 C 0 A 8 C 0 A 8 C 0 A 8 C 0 A 8 F 0	$A \to B \triangleq H$ IJ $L \downarrow \varnothing \square \square D \mp D$ $\neg \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square$
A 8 A 0 A 8 B 0 A 8 C 0 A 8 C 0 A 8 C 0 A 8 E 0 A 8 F 0	Æ Ð ≟ Ħ IJ L Ł Ø Œ ⊥ Ď Ŧ Ď つしСССОВАОЯЗСВЯ: ⊕ ゆ@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
A 8 A 0 A 8 B 0 A 8 C 0 A 8 C 0 A 8 C 0 A 8 F 0 A 8 F 0	$A \to B = H$ IJ $L \downarrow \varnothing \Subset 2 \to T \to D$ $\neg \bigcup \Box \Subset \circledast $ $\bigcirc \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square \square$

A 9 A 0		æ	đ	ð	ħ	1	ij	к	ŀ	ł	ø	0e	β	Þ	ŧ	ŋ
A 9 B 0	'n	(7)	(ጊ)	(亡)	(코)	(口)	(H)	(ス)	(0)	(ス)	(え)	(ヲ)	(E)	(<u>s</u> z)	(৯)	(71)
A9C0	(나)	(다)	(라)	(¤})	(H))	(M)	(0 })	(7 1)	(차)	(7})	(E})	(패)	(ð))	(a)	(Ъ)	(C)
A 9 D 0	(d)	(e)	(f)	(B)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)	(P)	(P)	(r)	(S)
A 9 E 0	(t)	(u)	(v)	(w)	(x)	(У)	(z)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
A 9 F 0	(10)	(11)	(12)	(13)	(14)	(15)	I	2	3	4	'n	1	2	3	4	

0 1 2 3 4 5 6 7 8 9 A B C D E F

AAA 0	ぁあぃいぅうぇえぉおかがきぎく
AAB0	ぐけげこごさざしじすずせぜそぞた
ΑΛΟΘ	だちぢっつづてでとどなにぬねのは
ΔΔDΘ	ばばひびぴふぷぷへべぺほぽぽまみ
$AA \to 0$	むめもゃやゅゆょよらりるれろゎわ
AAF0	ゐゑをん

0 1 2 3 4 5 6 7 8 9 A B C D E F

ABA0 ァアィイゥウェエォオカガキギク ABB0 グケゲコゴサザシジスズセゼソゾタ ABC0 ダチヂッツヅテデトドナニヌネノハ ABDO バパヒビピフブプヘベペホボポマミ ABE0 ムメモャヤュユョヨラリルレロッワ ヰヱヲンヴカケ ABF 0

	0	1	2	3	4	5	6	7	8	9	A	B	Ĉ	D	Ð	F
ΑСΑΘ		A	Б	В	Г	д	E	Ë	ж	3	И	Й	κ	л	М	Н
ACB0	0	Π	Ρ	С	Т	У	Φ	х	Ц	ч	ш	Щ	Ъ	Ы	Ь	Э
Λ C C 0	Ю	я														
ACD 0		a	б	в	Г	д	e	ë	ж	з	И	Й	к	л	м	н
ΑСΕΘ	0	Π	р	с	т	у	ф	х	Ц	ч	ш	щ	Ъ	Ы	ь	э
AGFO	ю	я			1											

A D A 0 A D B 0 A D C 0 A D C 0 A D C 0 A D F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	B 3 A 0 B 3 B 0 B 3 C 0 B 3 D 0 B 3 E 0 B 3 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 끝끼끽낀낄낌낍낏낑나낙낚난낟날 낡낢남답낫났낭낮낯낱낳내낵낸낼냄 냅냇냈냉냐냑냔댤냠댱너넉넋넌널넒 넓넘넙넛넜넝덯네넥넨넬넴넵넷넸넹 녀녁년녈뎜뎝녔뎡뎤뎨녠노녹논놀놂 놈돕놋농높놓놕놘놜놨뇌뇐뇔뇜됩
A E A 0 A E B 0 A E C 0 A E C 0 A E D 0 A E E 0 A E F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	B 4 A 0 B 4 B 0 B 4 C 0 B 4 D 0 B 4 F 0 B 4 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 뇟뇨뇩뇬뇰뇹뇻뇽누눅눈눋눌눔눕 눗눙눠눴눼뉘뉜뉠뉨뉩뉴뉵뉼늄늅늉 느늑는늘늙늚놈놉늣능늦늪늬늰늴니 닉닌닐닒님닙닛닝닢다닥닦단닫달닭 닮닯닳담답닷닸당닺닻닿대댁댄댙댐 댑댓댔댕댜더덕덖던덛덜덞덟뎜덥
Λ F Λ 0 Λ F B 0 Λ F C 0 Λ F D 0 Α F E 0 Α F F 0	0123456789ABCDEF	B 5 A 0 B 5 B 0 B 5 C 0 B 5 D 0 B 5 E 0 B 5 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 덧덩덫덮데덱덴델뎀뎁뎃뎄뎅뎌뎐 뎔뎠뎡몌뎬도독돈돋돌돎돐돔돕돗동 돛돝돠돤돨돼됐되된될됨됩됫됴두둑 둔둘둠둡듯둥둬뒀뒈뒝뒤뒨뒬뒵뒷뒹 듀듄듈듐듕드득든듣들듦틈듑듯등듸 디딕딘딛딜딤딥딧딨딩딪따딱딴딸
B 0 A 0 B 0 B 0 B 0 C 0 B 0 D 0 B 0 E 0 B 0 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 가각간갇갈갉갊감갑값갓갔강갖갗 같갚갛개객갠갤갬갭갯갰갱갸갹갼걀 걋걍걔걘걜거걱건걷걸걺검겁것겄겅 겆겉겊겋게겐겔겜겝겟겠겡겨격겪견 겯결겸겹겻겼경곁계곈곌곕곗고곡곤 곧골곪곬곯곰곱곳공곶과곽관괄괆	B 6 A 0 B 6 B 0 B 6 C 0 B 6 D 0 B 6 E 0 B 6 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 땀땁땃땄땅땋때땍떈땔땜땝땟땠땡 떠떡쩐떨떪떫떰떱떳떴떵떻뗴떽뗸뗼 뗌뗍뗏똈똉뗘몄또똑똔똘똥똬똴뙜뙤 뙨뚜뚝뚠뚤뚫뚬뚱뛔뛰뛴뛸뜀뜁뜅뜨 뜩뚠뜯뜰뜸뜹똣띄띈띌띔띕띠띤띨띰 띱띳띵라락란랄람랍랏랐랑랒랖랗
B 1 A 0 B 1 B 0 B 1 C 0 B 1 D 0 B 1 E 0 B 1 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 광괍괏광괘관괠괩괬광괴괵괸괼굄 굅굇굉교굔굘굡굣구국군굳굴굵굶굻 굼굽굿궁궂궈쿽권궐궜퀑궤궷귀퀵퀸 귈큄큅귓규균귤그극근귿글긁금급긋 긍긔기긱킨긷길긻김깁깃깅깆깊까깍 깎깐깔깖깜깝깟깠깡깥깨깩꺤깰깸	B 7 A 0 B 7 B 0 B 7 C 0 B 7 D 0 B 7 E 0 B 7 F 0	0123456789ABCDEF 대랙랜랠램랩랫랬랭랴략랸럇량러 럭런럴럼럽럿렀렁렇레렉렌렐렘렙렛 렝려력련렬렴협렷렸령례롄롑롓로록 론롤롬롭롯롱롸롼뢍뢨뢰뢴뢸룀룁룃 룅료룐룔룝룟룡루룩룬룰룸뭅룻룽릒 뤘뤠뤼뤽륀륄륌륏륑류튝륜률륨륩
B 2 A 0 B 2 B 0 B 2 C 0 B 2 D 0 B 2 E 0 B 2 F 0	0123456789ABCDEF 깹깻깼깽꺄꺅꺌꺼꺽꺾껀껄껌껍껏 껐껑께꼑껜껨껫껭껴껸껼꼇꼈꼍꼐꼬 꼭꼰꼲꼴꼼꾑꼿꽁꽂꽃꽈꽉꽐꽜꽝꽤 꽥꽹꾀꾄꾈꾐꾑꾕끄꾸꾹꾼꿀꿇꿈꿉 꿋꿍꿎꿖꿜뀠꿩꿰쮁꿴꿸뀀꿹뀄뀌뀐 뀔뀜뀝뀨끄끅끉끊끌끎끓끔끕끗끙	B 8 A 0 B 8 B 0 B 8 C 0 B 8 D 0 B 8 E 0 B 8 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 륫륭르륵른를름릅릇릉릊롵릎리릭 린릴림립릿링마막만많맏말맑맒맘맙 맛망맞맡맣매맥맨맬맴맵먯맸맹뫶먀 먁먈먕머먹먼멀멂멈멉멋멍멎멓메멕 멘엘멤멥멧몠옝며멱면멸몃몄명옃몌 모목몫몬몰몲몸몹못몽뫄뫈뫘뫙뫼

B 9 A 0 B 9 B 0 B 9 C 0 B 9 D 0 B 9 F 0 B 9 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 묀묄묍묏묑묘묜묠묩묫무묵묶문물 물묽묾뭄뭅믓뭉뭍믛뭐뭔뭘뭡뭣뭬뮈 뮌뮐뮤뮨뮬뮴뮷므믄믈믐믓미믹민믿 밀밂밈밉밋밌밍및밑바박밖밗반받발 밝밢봛밤밥밧방밭배백뱬벁뱀뱁뱃뱄 뱅벁뱌뱍뱐뱝버벅번벋벌벎범법벗	B F A 0 B F B 0 B F C 0 B F D 0 B F E 0 B F F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 에엑엔엘엠엡엣엥여역엮연열엶엷 염엽엾엿였영옅옆옇예옌옐옘옙옛옜 오옥온올옭홂옰옳몸똡옷옹몿와왁완 왈왐왑왓뫘왐왜왝뫤왬왯왱외왹왼욀 묌욉욋욍요묙욘묠묨묩묫묭우욱운울 욹욺움웁읏욼워뭑원월웜웝뮜웡뭬
B A A 0 B A B 0 B A C 0 B A D 0 B A F 0 B A F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 벙벚베벡볜벧벨벰벱벳벴벵벼벽변 별볍볏볐병볕볘볜보복볶본볼봄봅봇 봉봐봔봤봬뵀뵈뵉뵌뵐뵘뵙뵤뵨부북 분붇불붉붊붐붑븟붕뿥붚붜붤붰붸붜 뷕뷘뷜뷩뷰뷴뷸븀븃븅브븍븐블븜븝 븟비빅빈빌빎빔빕빗빙빚빛뺘빡빤	C 0 A 0 C 0 B 0 C 0 C 0 C 0 D 0 C 0 F 0 C 0 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 웩웬웰웸웹웽위윅윈윌윔윕윗윙유 육윤율윰뮵윳뮹윷으윽은을읊음읍읏 응읒웇웈읕읖읗의인읠읨읫이익인일 읽읾잃임입잇있잉잊잎자작잔잖잗잘 잚잠잡잣잤장잦재잭잰잴잼잽잿쟀쟁 쟈쟉쟌쟎쟐쟘쟝쟤쟨쟬저적전절젊
B B A Ø B B B 0 B B C 0 B B D 0 B B F 0	0123456789ABCDEF 빨빪빰빱빳빴빵빻빼빽뺀뾑뺌뺍뺏 뺐뻉뺘뺙뺨뻐뻑뻔뼏뻘뻠뻣뻤뻥뻬뼁 뼈뼉뼘뼙뼛뼜뼝뽀뽁뽄뽈뽐뽑뽕뾔뾰 뿅뿌뿍뚠뿔뿜뿟뿡쀼쁑쁘쁜쁠쁨쁩삐 삑삔삘삠삡삣삥사삭삯산삳살삵삶삼	C 1 A 0 C 1 B 0 C 1 C 0 C 1 D 0 C 1 D 0 C 1 E 0	() 1 2 3 4 5 6 7 8 9 A B C D E F 점접젓정젖제젝첸젤젬쳅졧젱져젼 결졈졉졌졍졔조족존졸졺좀좁좃종좆 줓좋좌좍좔좝좟좡좨좼좽죄쵠죌죔죕 죗죙죠죡죤죵주죽준줄줅줆줌줍줏중 줘줬줴쥐쥑쥔쥘쥠쥡쥣쥬츈쥴쥼즈즉

C 1 F 0

	0 1	2 3	4 5	6	7	89	A	ЗĈ	D	E	F
C 2 A 0	장	짖짙	짚찌	짝	짠진	장짤	짧점	작짭	짯	짰	짱
C 2 B 0	째짹	짼쨀	쨈찥	쩻	쨌	쟁짜	쨘장	퍟쩌	쩍	쩐	쩔
C 2 C 0	점쩝?	젓쩠	쩡쩌	쩽	쪄ろ	쳤쪼	쪽견	주쫄	쫌	쫍	쫏
C 2 D 0	쫑쫓?	자쫙	쫠쬤	쫴	쬈즤	직쬔	쬘칃	1쬡	쭁	쭈	쭉
C 2 E 0	쭌쭐싑	뚭꾿	쭝쭤	쮰	쭹직	쥐쮸	쯔쥠	주쯋	쯩	찌	찍
C 2 F 0	찐찔섭	직찝	찡찢	[찧:	차김	탁찬	찮茗	* 참	찹	찻	

즌줄즘즙즛증지직진짇질짊짐집짓

	0123456789ABCDEF
C 3 A 0	찼창찾채책챈챌챔챕챗챘첑챠챤챦
C 3 B 0	챨챰챵처척천철첨첩첫첬청체췍쳰쳴
$C \ 3 \ C \ 0$	쳄쳅쳿쳉쳐쳔쳤쳬쳰촁초촉촌촐촘촙
C 3 D 0	츳총착촨촬촹최쵠쵤쵬쵭쵯쵱쵸춈추
C 3 E 0	축춘출춤춥춧충춰췄췌췐취췬췰췸췹
C 3 F 0	췃췽츄츈츌츔츙 <u>츤</u> 츅츤츨츰츱츳충

언얹얻얼얽얾엄업없엇었엉엊엌엎 (C4F0) 쿨쿰쿱쿳쿵쿼뤈퀄퀑퀘퀭퀴퀵퀸퀼
--

BBF0

BCA0

BCB0

BCC0 BCD0

BCE0

BCF0

BDA0

BDB0

BDC0

BDD0

BDE0

BDF0

BEA0

BEBO

BECO

BED0

B E E 0BEFO 삽삿샀상샅새색샌샐샘샙샛샜생샤

0123456789ABCDEF

섟선섣설섦섧섬섭섯섰성섶세섹셴셑

셈셉셋셌셍셔셕션셜셤셥셧셨셩셰셴

셸솅소속솎손솔솖솜솝솟송솥솨솩솬

솰솽쇄쇈쇌쇔쇗쇘쇠쇤쇨쇰쇱쇳쇼쇽

0123456789ABCDEF

쉼쉽쉿슁슈슉슐슘슛슝스슥슨슬슭슴

습슷승시식신실실싫심십싯싱싶싸싹

싻싼쌀쌈쌉쌌쌍썋쌔쌕썐쌜쌤쌥쌨쌩

썅쎄썩썬썰썲쎰썹썼썽쎄쏀쏄쏀쏘쏙

쏜쑫쏠쏢쏨쏩쏭쏴쏵쏸쐈쐐쐤쐬쐰

숯숱숲숴쉈쉐쉑쉔쉘쉠쉥쉬쉭쉰쉴

손숄숌숍숏숑수숙순숟술숨숩슷숭

샥샨샬샴샵샷샹섀섄섈섐생서석섞

0 1 2 3 4 5 6 7 8 9 A B C D E F	C B A 0 C B B 0 C B C 0 C B D 0 C B D 0 C B F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F 큄큅큇큉큐큔큘큠크큭큰클큠급킁 키킥킨킬킴킵킷킹타탁탄탈탉탐탑탓 탔탕태택탠탤탬탭탯탰탱탸턍터턱턴 털턺텀텁텃텄텅테텍톈텔템텝텟텡텨 텬텼톄톈토톡톤톨톰톱톳톻톺톼롼퇘 퇴퇸툇툉툐투툭툰툴툼툽툿퉁듺퉜	C 5 A 0 C 5 B 0 C 5 C 0 C 5 D 0 C 5 E 0 C 5 F 0
0 1 2 3 4 5 6 7 8 9 A B C D E F	C C A 0 C C B 0 C C C 0 C C D 0 C C E 0 C C F 0	0123456789ABCDEF 퉤퉈뤽륀뒬튐튑튐튜튠튤튬튱트특 튼륻들뚦틈틉틋틔틘틜틤틥티틱듼틸 팀팁팃팅파팍팎판말팖팜팝팟팠팡팥 패팩팬팰팸팹팻팼팽퍄퍅퍼퍽펀펄펌 펍펏펐펑페펙펜펠펨펩펫펭펴편펼폄 폅폈평폐폘폡폣포폭폰폴폼폽폿퐁	C 6 A 0 C 6 B 0 C 6 C 0 C 6 C 0 C 6 E 0 C 6 F 0
0 1 2 3 4 5 6 7 8 9 A B C D E F	C D A 0 C D B 0 C D C 0 C D D 0 C D F 0 C D F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	C 7 A 0 C 7 B 0 C 7 C 0 C 7 C 0 C 7 E 0 C 7 F 0
0 1 2 3 4 5 6 7 8 9 A B C D E F	CEA0 CEB0 CEC0 CED0 CEE0 CEF0	0 1 2 3 4 5 6 7 8 9 A B C D E F	C 8 A 0 C 8 B 0 C 8 C 0 C 8 C 0 C 8 F 0 C 8 F 0
0 1 2 3 4 5 6 7 8 9 A B C D E F	C F A 0 C F B 0 C F C 0 C F D 0 C F E 0 C F F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	C 9 A 0 C 9 B 0 C 9 C 0 C 9 D 0 C 9 F 0 C 9 F 0
0 1 2 3 4 5 6 7 8 9 A B C D E F	D 0 A 0 D 0 B 0 D 0 C 0 D 0 D 0 D 0 E 0 D 0 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	C A A 0 C A B 0 C A C 0 C A D 0 C A E 0 C A F 0

D 1 A 0 D 1 B 0 D 1 C 0 D 1 D 0 D 1 E 0 D 1 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	D 7 A 0 D 7 B 0 D 7 C 0 D 7 D 0 D 7 E 0 D 7 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F
D 2 A 0 D 2 B 0 D 2 C 0 D 2 D 0 D 2 E 0 D 2 F 0	0123456789ABCDEF	D 8 A 0 D 8 B 0 D 8 C 0 D 8 D 0 D 8 E 0 D 8 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F
D 3 A 0 D 3 B 0 D 3 C 0 D 3 D 0 D 3 E 0 D 3 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	D 9 A 0 D 9 B 0 D 9 C 0 D 9 D 0 D 9 E 0 D 9 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F
D 4 A 0 D 4 B 0 D 4 C 0 D 4 D 0 D 4 E 0 D 4 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	D A A 0 D A B 0 D A C 0 D A D 0 D A E 0 D A F 0	0123456789ABCDEF
D 5 A 0 D 5 B 0 D 5 C 0 D 5 D 0 D 5 E 0 D 5 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	D B A 0 D B B 0 D B C 0 D B D 0 D B F 0 D B F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F
D 6 A 0 D 6 B 0 D 6 C 0 D 6 D 0 D 6 F 0 D 6 F 0	0 1 2 3 4 5 6 7 8 9 A B C D E F	DCA0 DCB0 DCC0 DCD0 DCE0 DCF0	0 1 2 3 4 5 6 7 8 9 A B C D E F

	0123456789ABCDEF	0 1 2 3 4 5 6 7 8 9 A B C D E F
DDA0	E 3 A	0
DDB0	E3B	0
DDC0	E 3 C	0
DDD0	E 3 D	0
DDEO	E 3 E	0
DDF0	E 3 F	0

	<u>0 1 2 3 4 5 6 7 8 9 A B C D E F</u>	
DEA0		E 4 A 0
<u>D E B 0</u>		E 4 B 0
$D \in C 0 $		E4C0
$D \in D 0$		E 4 D 0
DEEO		E 4 E 0
$\mathbf{D} \mathbf{E} \mathbf{F} 0$		E 4 F 0

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0123456789ABCDEF
DFA0	E 5 A 0	2
DFB0	E 5 B 0	2
DFC0	$\mathbf{E} 5 \mathbf{C} 0$	1
$\mathbf{D} \mathbf{F} \mathbf{D} 0$	E 5 D 0	1
DFE0	E 5 E 0	1
$\mathbf{D} \mathbf{F} \mathbf{F} 0$	E 5 F 0	1

	0123456789ABCDEF		0 1 2 3 4 5 6 7 8 9 A B C D E F
$E 0 \Lambda 0$		E 6 A 0	
<u>E 0 B 0</u>		E 6 B 0	
E 0 C 0		E 6 C 0	
E 0 D 0		E 6 D 0	
E 0 E 0		E 6 E 0	
E 0 F 0		E 6 F 0	

	0 1 2 3 4 5 6 7 8 9 A B C D E F		01234	567	89ABCDEF
E1A0		E 7 A 0			
E1B0		E 7 B 0			
E 1 C 0		E 7 C 0			
E1D0		E 7 D 0			
E1E0		E7E0			
E1F0		$\mathbf{E} 7 \mathbf{F} 0$			

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0 1 2 3 4 5 6 7 8 9 A B C D E F
E 2 A 0	E 8 2	N 0
E 2 B 0	E 8 I	3 0
E 2 C 0	E 8 0	
E 2 D 0	E 8 I	$\mathcal{F}(0)$
E2E0	E 8 1	
E 2 F 0	1:81	· 0

E9A0	0123456789ABCDEF	EFA0 FFB0	0 1 2 3 4 5 6 7 8 9 A B C D E F
E 9 C 0 E 9 D 0		EFC0 EFD0 EFE0	
E9E0 E9F0		EFFO	
	0 1 2 3 4 5 6 7 8 9 A B C D E F		0 1 2 3 4 5 6 7 8 9 A B C D E F

EAA0	$\mathbf{F} 0 \mathbf{A} 0$
EAB0	F 0 B 0
EAC 0	FOCO
EAD0	FODO
EAE0	$\mathbf{F} 0 \mathbf{E} 0$
EAFO	FOFO

	0123456789ABCDEF	0 1 2	345678	39ABCDEF
EBA0	F	Λ_0		
EBB0	F	B 0		
EBC0		C 0		
EBDO		\mathbf{D} 0		
EBEO		ΕO		
EBF0		$\mathbf{F}[0]$		

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0123456789ABCDEF
ECA0	F 2 A	0
ECB0	F 2 B	0
ECC0	F 2 C	0
ECD0	F 2 D	0
ECE0	E 2 E	0
ECF0	F 2 F	0

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0123456789ABCDEF
EDA0	F 3 A 0	0
EDB0	F 3 B 0	0
EDC0	F 3 C 0	0
EDDO	F 3 D 0	0
EDEO	F 3 E 0	0
EDFO	F 3 F 0	0

	0 1 2 3 4 5 6 7 8 9 A B C D E F	0123456789ABCDEF
EEA0	$\mathbf{F} 4 \mathbf{\Lambda} 0$	
EEB 0	F 4 B 6	
EECO	F 4 C (
EEDO	F 4 D (
EEEO	F 4 E 6	
E E F 0	F 4 F (

	0123456789ABCDEF	0	1234	1567	89AB	CDEF
F 5 A 0	F	BA 0				
F 5 B 0	E	BBO				
F 5 C 0		BC0				
F 5 D 0		B D 0				
F 5 E 0	F	BE0				
F 5 F 0		$\mathbf{B} \in 0$				
F 5 F 0		BFO.				

0 1 2 3 4 5 6 7 8 9 A B C D E F

0 1 2 3 4 5 6 7 8 9 A B C D E F

	0 I 2 3 4 5 6 7 8 9 A B C D E F	
F 6 A 0		FCA0
F 6 B 0		FCB0
$F \in C 0 $		FCC0
F 6 D 0		FCD0
F 6 E 0		FC = 0
F 6 F 0		FCF0

	0 1 2 3 4 5 6 7 8 9 A B C D E F	
F7A0		FDA0
F 7 B 0		FDB0
F7C0		FDC0
F7D0		$\mathbf{F} \mathbf{D} \mathbf{D} 0$
F 7 E 0		FDE0
F7F0		FDF0

0	1	2	3	4	5	6	$\overline{7}$	8	9	A	В	С	D	E	F	

F 8 A 0 F 8 B 0 F 8 C 0 F 8 D 0 F 8 E 0 F 8 F 0

0123456789ABCDEF

F9A0 F9B0 F9C0 F9D0 F9E0 F9F0

0123456789ABCDEF

FAA0 FAB0 FAC0 FAD0 FAE0 FAE0

6. APPENDIX

6-1 Appendix 1 Cautions

<Precautions relating to printing and paper feeds>

(1) This is a line printer. Printing is always accompanied by a paper feed. Therefore, if a value that is smaller than the print data is set for one line of a line feed, paper will be fed more than the set amount to print that data. For example, if one line feed is set to 10 dots (10/180 inches), a paper feed of only 10 dots will occur, but if printing a bit image, paper will be fed 24 dots.

Paper	Feed	Amount
-------	------	--------

		Necessary Paper Feed Amount (Dots)			
	Font A	24 x Vertical Direction Magnification			
Standard Characters	Font B	24 x Vertical Direction Magnification			
	Chinese Character Fonts	24 x Vertical Direction Magnification			
	Font A	12 x Vertical Direction Magnification			
Rotated Character	Font B	9 x Vertical Direction Magnification			
	Chinese Character Fonts	24 x Vertical Direction Magnification			
Bit Image (ESC *)		24			

- (2) When the printer enters a data wait state for data from the host, printing and a paper feed is temporarily stopped, but when starting printing with data input, the paper feed can occur between 1 to 3 dots when starting printing. This particularly affects printing of bit images.
- (3) The auto-cutter is recommended to after printing more than ten lines or after a paper feed. (If the cut paper is too small, it may not be easy to discharge, or can cause a paper jam.)
6-2 Appendix 2 Status Specifications

6-2-1 Identifying Transmission Status

The status of commands is identifiable because those transmitted by this printer use a dedicated but value. However, if using ASB, the three bytes after confirming the first ASB byte, excluding XOFF, are processed as ASB data. Without this, it is not possible to identify statuses such as GS r (Send status) and statuses after the second byte of an ASB.

Command/Functions				Sta	itus			
	Bit7	Bit6	Bit5	Bit4	Bit3	Bit2	Bit1	Bit0
GSI	0	*	*	0	*	*	*	*
GS r	0	*	*	0	*	*	*	*
X ON	0	0	0	1	0	0	0	1
X OFF	0	0	0	1	0	0	1	1
DLE EOT	0	*	*	1	*	*	1	0
ASB (1 st Byte)	0	*	*	1	*	*	0	0
ASB (2 nd to 4 th Byte)	0	*	*	0	*	*	*	*

Identification of Transmission Status

6-2-2 Error Details Per Model

Error		TSP600	TSP700	TSP800	TUP900		
Recoverable Error	Cover Open Error	0	0	0	0		
	Paper out error	0	0	0	0		
	Near-end error	0	0	0	0		
Auto-recovery Error	Heat high temperature error	0	0	0	0		
	Auto-cutter error	0	х	Х	Х		
Non-recoverable Power voltage error		0	0	0	0		
Error							
	Thermistor error	0	0	0	0		
	SRAM error	0	0	0	0		
	FLASH error	0	0	0	0		
	EEPROM error	Х	х	0	0		
Auto-cutter error		Х	0	0	0		
	Paper jam at presenter	Х	Х	Х	0		

6-2-3 DLE EOT Status

1. Printer Status (n = 1)

Bit	Contents	Sta	atus		C	Compati	ibility Pe	er Mode	el	
		"0"	"1"	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"			-	-	-	-			
6	Undefined ("0")			-	-	-	-			
5	Undefined ("0")			-	-	-	-			
4	Fixed at "1"			-	-	-	-			
3	ONLINE/OFFLINE Status	ONLINE	OFFLINE	0	0	0	0			
2	Drawer kick connector pin #3	"L"	"H"	0	0	0	Х			
	Presenter Cover	Closed	Open	х	х	х	х			
1	Fixed at "1"			-	-	-	-			
0	Fixed at "0"			-	-	-	-			

Bit-2: Drawer kick connector #3 pin status is allocated for models not equipped with a presenter; presenter cover status is allocated to those models equipped with a presenter. TUP900 is provided with a presenter, but this bit is invalid because it does not have a presenter cover.

2. Online Cause Status (n=2)

Bit	Contents	Sta	atus		(Compat	ibility Pe	er Mode	əl	
		"0"	"1"	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"			-	-	-	-			
6	Error	No error	Error	0	0	0	0			
5	Printing stops because of paper	None	one Print stopped		0	0	0			
	out									
4	Fixed at "1"			-	-	-	-			
3	Paper SW input	No SW Input	SW Input	0	0	0	0			
2	Cover Status	Closed	Open	0	0	0	0			
1	Fixed at "1"			-	-	-	-			
0	Fixed at "0"			-	-	-	-			

Bit-6: Indicates this error is non-recoverable.

Bit-5: Bit-5 = "1" (Print stopped) when printing stops because there is no paper.

3. Error Cause Status (n=3)

Bit	Contents	Sta	Status			Compati	ibility Pe	er Mode	el	
		"0"	"1"	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"			-	-	-	-			
6	Auto-recovery Error	No error	Error	0	0	0	0			
5	Non-recoverable Error	No error	Error	0	0	0	0			
4	Fixed at "1"			-	-	-	-			
3	Auto-cutter error	No error	Error	0	0	0	0			
2	Black mark error	No error	Error	0	0	0	х			
	Mechanical Error	No error	Error	х	х	х	0			
1	Fixed at "1"			-	-	-	-			
0	Fixed at "0"			-	-	-	-			

Bit-2: Black mark error status is allocated for models not equipped with a presenter; mechanical error status is allocated to those models equipped with a presenter.

Black mark error status is set only when the black mark is enabled.

A mechanical error on models provided with a presenter represents a paper jam in the presenter and black mark errors.

4. Continuous Paper Detector Status (n = 4)

Bit	Contents	Sta	atus		(Compati	ibility Pe	er Mode	el	
		"0"	"1"	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"			-	-	-	-			
6	Paper out sensor	Has paper	Paper Out	0	0	0	0			
5	Paper out sensor	Has paper	Paper Out	0	0	0	0			
4	Fixed at "1"			-	-	-	-			
3	Near-end Sensor	Has paper	Paper Out	0	0	0	0			
2	Near-end Sensor	Has paper	Paper Out	0	0	0	0			
	Black mark sensor status	White detection	Black detection	0	0	0	х			
1	Fixed at "1"			-	-	-	-			
0	Fixed at "0"			-	-	-	-			

Bit-2: This bit functions as the status indicating the near end sensor when the black mark is disabled. When using the black mark, it functions as the status to indicate the black mark sensor status.

However, on TUP900, it functions as the status to indicate the near end sensor even when using black marks.

5. Presenter Paper Detector Status (n =5)

Bit	Contents	Sta	Status "4"				ibility Pe	er Mode	el	
		"0"	"1"	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"			-	-	-	-			
6	Undefined ("0")			-	-	-	-			
5	Undefined ("0")			-	-	-	-			
4	Fixed at "1"			-	-	-	-			
3	Presenter paper status	Has paper	Paper Out	х	х	х	0			
			(Recovered)							
2	Undefined ("0")			-	-	-	-			
1	Fixed at "1"			-	-	-	-			
0	Fixed at "0"			-	-	-	-			

6-2-4 ASB Status Specifications

1. First Byte (Printer Information)

Bit	Contents	Śta	Status		rgete	ed S	tatus	sn		Сс	mpatil	bility P	er Mo	del	
		"0"	"1"	Bit7	Bit3	Bit2	Bit1	Bit0	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"								-	-	-	-			
6	Paper SW input	No SW Input	SW Input				0		0	0	0	0			
5	Cover Status	Closed	Open				0		0	0	0	0			
4	Fixed at "1"								-	I	-	-			
3	ONLINE/OFFLINE Status	ONLINE	OFFLINE				0		0	0	0	0			
2	Drawer kick connector pin	"L"	"H"					0	0	0	0	х			
	#3														
	Presenter Cover	Closed	Open				0		х	Х	х	х			
1	Undefined ("0")								-	-	-	-			
0	Undefined ("0")								-	-	-	-			

Bit-2: Drawer kick connector #3 pin status is allocated for models not equipped with a presenter; presenter cover status is allocated to those models equipped with a presenter. TUP900 is provided with a presenter, but this bit is invalid because it does not have a presenter cover.

2. Second Byte (Error Information)

Bit	Contents	Sta	Status			ed S	tatus	sn		Сс	mpatil	bility P	er Mo	del	
		"0"	"1"	Bit7	Bit3	Bit2	Bit1	Bit0	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"								-	-	-	-			
6	Auto-recovery Error	No error	Error			0			0	0	0	0			
5	Non-recoverable Error	No error	Error			0			0	0	0	0			
4	Fixed at "0"								-	I	-	-			
3	Auto-cutter Error	No error	Error			0			0	0	0	0			
2	Black mark error	No error	Error	0					0	0	0	х			
	Mechanical Error	No error	Error			0			х	Х	х	0			
1	Paper SW input	No SW Input	SW Input				0		х	Х	х	0			
0	Online recovery wait	No waiting for	Wait for				0		Х	Х	Х	0			
		recovery	recovery												

Bit-2: Black mark error status is allocated for models not equipped with a presenter; mechanical error status is allocated to those models equipped with a presenter.

Black mark error status is set only when the black mark is enabled.

A TUP900 mechanical error represents a paper jam in the presenter and black mark errors.

3. Third Byte (Paper Detector Information)

Bit	Contents	Sta	Status			ed S	tatus	sn		Сс	mpati	bility P	er Mo	del	
		"0"	"1"	Bit7	Bit3	Bit2	Bit1	Bit0	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"								-	-	-	-			
6	Undefined ("0")								-	I	I	-			
5	Undefined ("0")								-	-	-	-			
4	Fixed at "0"								-	-	-	-			
3	Paper out sensor	Has paper	Paper Out		0				0	0	0	0			
2	Paper out sensor	Has paper	Paper Out		0				0	0	0	0			
1	Near-end Sensor	Has paper	Paper Out		0				0	0	0	0			
0	Near-end Sensor	Has paper	Paper Out		0				0	0	0	0			

4. Fourth Byte (Paper Detector Information)

Bit	Contents	Sta	Status			ed S	tatus	s n		Сс	mpatil	bility P	er Mo	del	
		"0"	"1"	Bit7	Bit3	Bit2	Bit1	Bit0	TSP600	TSP700	TSP800	TUP900			
7	Fixed at "0"								-	-	-	-			
6	Black mark sensor status	White detection	Black detection	0					0	0	0	х			
5	Undefined ("0")								-	I	I	-			
4	Fixed at "0"								-	I	I	-			
3	Undefined ("0")								-	I	I	-			
2	Undefined ("0")								-	-	-	-			
1	Presenter paper status	Has paper	Paper Out (Recovered)		0				х	х	х	0			
0	Undefined ("0")								-	-	-	-			

Bit-6: This bit is set only when black marks are effective.

6-2-5 Printer Status Transmission Specification When Using Ethernet I/F

Transmission of statuses other than STAR ASB was not possible when using Ethernet Ver. 1.0. It is possible to transmit status other than STAR ASB on versions later than Ethernet Ver. 2.0 (printer also supports F/W for Ethernet Ver. 2.0). Refer to the STAR Line Mode Command Specifications manual for details relating to STAR ASB specifications. The following describes printer status transmission specifications when mounted with an Ethernet I/F.

1) Transmission Format

1. When using Ethernet Ver. 1.0

When transmitting only STAR ASB: STAR ASB (Second Byte Bit 7 = 0)
When transmitting printer status other than STAR ASB: Cannot transmit printer status other than STAR ASB:

2. When using Ethernet Ver. 2.0

When transmitting only STAR ASB: STAR ASB (Second Byte Bit 7 = 1) + Length (Length = 0x0000)
When transmitting printer status other than STAR ASB: STAR ASB (Second Byte Bit 7 = 1) + Length + Status Data

<Length Details>

- 2 byte value indicating status data byte count (0x0000 \leq Length \leq 0x0200)
- When the status data is 10 bytes: Length = 0x000a
- Apply Length = 0x0000 to only transmit STAR ASB.
- When STAR ASB Second Byte B-7 is applied with Length, set to Bit-7 = 1

In analysis of printer statuses later than Ethernet Ver. 2.0, the total number of bytes of the ASB according to the STAR ASB First byte is detected, and it is detected whether Length has been applied by the second byte Bit-7 of STAR ASB. Depending on the length, by acquiring subsequent status data byte counts, it is possible to analyze the status.

2) Status Data Transmission Format

Status type + Separator character 1 + Data type + Status length + Printer status + Separator character 2

1. Status Type (2byte or 4Byte)

• First and Second Bytes

Indicate the cause to generate a printer status.

- "00" Reserved
- "01" to "09" Reserved
- "10" to "49" Status Original Status Request Command
- "50" ESC/POS ASB
- "51" to "59" ESC/POS Real-time Status Request Command
- "60" to "99" ESC/POS Status Request Command
- "A0" to "FF" Reserved
- Third and Fourth Bytes

When a cause occurs, these indicate the command n parameter.

If there is no n parameter, the third and fourth bytes can be omitted.

<Ex.> When n = 0x31 using the ESC SYN 3 n command, the third and fourth bytes are "31."

2 Separator character 1 (1 Byte) Sends ":"

- 3 Data Type (1byte) Indicates printer status data; sends "B" (binary type).
- 4 Status Length (2 bytes) 2 byte value indicating printer status byte count.

5 Printer Status (Variable length) Status sent by printer. Status differs according to the cause. See the command causes and automatic status for details on the content of statuses.

6 Separator character 2 (1 Byte) Sends ";"

Status Cause	STAR ASB	Lenath			Status	s Data			
		- 0-	Status	з Туре	Separated	Data	Status	Printer	Separated
			First/Second	Third/Fourth	Character	Туре	Length	Status	Character
			Bytes	Bytes	1		•		2
			Cause	n Parameter					
ESC/POS ASB	STAR	0x000B	"50"	Omitted	"""	"B"	0x0004	Status	"."
Automatic Status	ASB								
DLE EOT n	STAR	0x000A	"51"	"01" <u>≤</u> n≦"05"	"""	"B"	0x0001	Status	"."
Printer Status	ASB								
Request									
GSIn	STAR	0x000A	"61"	"01" <u>≤</u> n <u>≤</u> "03"	"""	"B"	0x0001	Status	","
Printer ID Request	ASB			"31" <u>≤</u> n <u>≤</u> "33"					
GSrn	STAR	0x0008	"62"	"01" <u>≤</u> n <u>≤</u> "02"	"""	"B"	0x0001	Status	","
Printer Status	ASB			"31" <u>≤</u> n <u>≤</u> "32"					
Request									
ESC SYN 3 n	STAR	0x0011	"13"	"00" <u>≤</u> n <u>≤</u> "01"	"."	"B"	0x0008	Status	","
Presenter Counter	ASB			"30" <u>≤</u> n <u>≤</u> "31"					
Request									

3) Status Transmission Specifications List

6-3 Appendix-3 Blank Page Configuration

Blank code pages are code tables that are empty from character code 80H to FFH. They can be specified using the command below.

- ESC t n (n = 255)
- ESC GS t n (n=255)

Also, it is possible to write data to the blank code page area using the command below.

• ESC GS =

1. Example configuration of Font-A data. (12 x 24 font)

	MS	SΒ					L	SB		MS	SB				L	SB
d1									d2				0	0	0	0
d3					٠	•	٠	٠	d4				0	0	0	0
d5			٠	٠	٠	٠	٠	٠	d6	٠	٠		0	0	0	0
d7			•	•					d8	٠	•		0	0	0	0
d9		٠	•						d10		•	٠	0	0	0	0
d11		•	•						d12		•	•	0	0	0	0
d13		•	•						d14		•	•	0	0	0	0
d15									d16		•	•	0	0	0	0
d17									d18	•	•		0	0	0	0
d19									d20	•	•		0	0	0	0
d21								•	d22	•			0	0	0	0
d23							•	•	d24				0	0	0	0
d25							•	•	d26				0	0	0	0
d27						•	٠		d28				0	0	0	0
d29					٠	•	٠		d30				0	0	0	0
d31				٠	•	٠			d32				0	0	0	0
d33				٠	٠				d34				0	0	0	0
d35			•	•					d36				0	0	0	0
d37		•	•	•					d38				0	0	0	0
d39		•	•	•	•	•	•	•	d40	•	•	•	0	0	0	0
d41		•	•	•	•	•	•	•	d42	•	•	•	0	0	0	0
d43									d44				0	0	0	0
d45									d46				0	0	0	0
d47									d48				0	0	0	0

2. Example configuration of Font-B data. (9 x 24 font)

-	MS	SB					Ĺ	SB		MS	SB					L	SB
d1									d2		0	0	0	0	0	0	0
d3				٠	•	•			d4		0	0	0	0	0	0	0
d5			•	•	•	•	•		d6		0	0	0	0	0	0	0
d7			•	٠		•	•	•	d8		0	0	0	0	0	0	0
d9		٠	•				•	•	d10		0	0	0	0	0	0	0
d11		٠	•				•	•	d12		0	0	0	0	0	0	0
d13		٠	•				٠	•	d14		0	0	0	0	0	0	0
d15							٠	•	d16		0	0	0	0	0	0	0
d17							٠	•	d18		0	0	0	0	0	0	0
d19							٠	٠	d20		0	0	0	0	0	0	0
d21						•	•	•	d22		0	0	0	0	0	0	0
d23					•	•	•	•	d24		0	0	0	0	0	0	0
d25					•	•	•		d26		0	0	0	0	0	0	0
d27				٠	٠	٠			d28		0	0	0	0	0	0	0
d29			٠	٠	٠				d30		0	0	0	0	0	0	0
d31			٠	٠					d32		0	0	0	0	0	0	0
d33			٠	٠					d34		0	0	0	0	0	0	0
d35		٠	٠	٠					d36		0	0	0	0	0	0	0
d37		•	•	•					d38		0	0	0	0	0	0	0
d39		•	•	•	•	•	•	•	d40		0	0	0	0	0	0	0
d41		•	•	•	•	•	•	•	d42		0	0	0	0	0	0	0
d43									d44		0	0	0	0	0	0	0
d45									d46		0	0	0	0	0	0	0
d47									d48		0	0	0	0	0	0	0

6-4 Appendix 4 Standard Mode

EPSON has models that have 180 DPI and 203 DPI print heads. STAR's print head is 203 DPI. Therefore, when targeting models with the EPSON 180 DPI print head, it is necessary to correct the line spacing that will be caused by the difference in the head's print density. Correction is done using the memory switches (Print dot count: ESC/POS Compatible Mode/Max). Setting the memory switches to ESC/POS compatible mode artificially makes the number of dot counts the same as an EPSON printer. However, if the target model has a 203 DPI print head, correction is unnecessary so memory switches for print dot settings are not equipped.

6-4-1 Printing Region

1. TSP600/TSP700

Print Region Initial Values

Print Region Setting	Printing Dot Count Setting		Initial Value				
(Memory Switch Setting)	(Memory Switch Setting)	nL	nH	Print region			
80mm	ESC/POS Compatible Mode		2	71mm			
	Max.	128	2	80mm			
72mm	ESC/POS		2	64mm			
	Compatible Mode						
	Max.	64	2	72mm			
52.5mm	ESC/POS	120	1	47mm			
	Compatible Mode						
	Max.	164	1	52.5mm			
50.8mm	ESC/POS	104	1	45mm			
	Compatible Mode						
	Max.	150	1	50.8mm			

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

2 TSP800

Print Region Initial Values

0					
Print Region Setting		Initial Value			
(Memory Switch	nL	nH	Print region		
Setting)			_		
104mm	64	3	104mm		

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

3 TUP900

Print Region Initial Values

<u> </u>						
Print Region Setting		Initial Value				
(Memory Switch	nL	nH	Print region			
Setting)			-			
104mm	64	3	104mm			
80mm	128	2	80mm			
72mm	64	2	72mm			
56mm	192	1	56mm			

Basic calculated pitch initial value: X=1/203 (inch), Y=1/203 (inch)

6-4-2 Left Margin

• TSP600/TSP700

Left Margin Initial Value

Print Region Setting	Printing Dot Count Setting		Initial Value				
(Memory Switch Setting)	(Memory Switch Setting)	nL	nH	Left Margin			
80mm	ESC/POS Compatible Mode	40	0	5mm			
	Max.	0	0	0mm			
72mm	ESC/POS COMPATIBLE MODE	32	0	4mm			
	Max.	0	0	0mm			
52.5mm	ESC/POS COMPATIBLE MODE	24	0	3mm			
	Max.	0	0	0mm			
50.8mm	ESC/POS COMPATIBLE MODE	24	0	3mm			
	Max.	0	0	0mm			

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

• TSP800

Left Margin Initial Value

Print Region Setting	Initial Value				
(Memory Switch	nL	nH	Left Margin		
Setting)			_		
104mm	0	0	0mm		

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

• TUP900

Left Margin Initial Value

Print Region Setting	Initial Value					
(Memory Switch Setting)	nL	nH	Left Margin			
104mm	0	0	0mm			
80mm	0	0	0mm			
72mm	0	0	0mm			
56mm	0	0	0mm			

Basic calculated pitch initial value: X=1/203 (inch), Y=1/203 (inch)

6-5 Appendix 5 Page Mode

6-5-1 Page Mode Print Region

EPSON has models that have 180 DPI and 203 DPI print heads. STAR's print head is 203 DPI. Therefore, when targeting models with the EPSON 180 DPI print head, it is necessary to correct the line spacing that will be caused by the difference in the head's print density. Correction is done using the memory switches (Print dot count: ESC/POS Compatible Mode/Max). Setting the memory switches to ESC/POS compatible mode artificially makes the number of dot counts the same as an EPSON printer. The page mode printing region initial value (= maximum value) changes according to the basic calculated pitch correction when the memory switch print dot count in page mode is set to ESC/POS Compatible mode. However, if the target model has a 203 DPI print head, correction is unnecessary so memory switches for print dot settings are not equipped.

The following illustrates the basic calculated pitch correction of the print region in page mode on TSP700.

<Basic calculated pitch correction conceptual view; TSP700; Print dots = ESC/POS compatible mode; Print region setting is 72 mm>



• TSP600/TSP700

Page mode print region initial value (dxL, dxH, dyL, dyH) <Print Dot count: ESC/POS compatible mode>

Print region	Basic		Initial Value (= Maximum Value)								
Setting	Calculated	dxL	dxH	dyL	dyH	Printable R	egion Width				
(Memory	Pitch					V D	N D				
Switch Setting)	Correction					X Dir.	Y DIr.				
_	(DIPSW										
	Setting)										
80mm	203DPI	128	2	84	7	80mm	117.3mm				
	180DPI	56	2	126	6	71mm	103.9mm				
72mm	203DPI	64	2	84	7	72mm	117.3mm				
	180DPI	0	2	126	6	64mm	103.9mm				
52.5mm	203DPI	164	1	84	7	52.5mm	117.3mm				
	180DPI	120	1	126	6	47mm	103.9mm				
50.8mm	203DPI	150	1	84	7	50.8mm	117.3mm				
	180DPI	104	1	126	6	45mm	103.9mm				

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

Page mode print region initial value (dxL, dxH, dyL, dyH) <Print Dot count: Maximum>

<u> </u>	0										
Print region	Basic		Initial Value (= Maximum Value)								
Setting	Calculated	dxL	dxH	dyL	dyH	Printable R	egion Width				
(Memory	Pitch					X Dir	Y Dir				
Switch	Correction						T DII.				
Setting)	(DIPSW										
Ċ,	Setting)										
80mm	203/180	128	2	84	7	80mm	117.3mm				
	DPI										
72mm	203/180	64	2	84	7	72mm	117.3mm				
	DPI										
52.5mm	203/180	164	1	8	7	52.5mm	117.3mm				
	DPI										
50.8mm	203/180	150	1	84	7	50.8mm	117.3mm				
	DPI										

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

• TSP800

Page mode print region initial value (dxL, dxH, dyL, dyH)

Print region	Basic	Initial Value (= Maximum Value)								
Setting	Calculated	dxL	dxH	dyL	dyH	Printable R	egion Width			
(Memory	Pitch					X Dir	Y Dir			
Switch	Correction									
Setting)	(DIPSW									
	Setting)									
104mm	203/180	64	3	128	6	104mm	104mm			
	DPI									

Basic calculated pitch initial value: X=1/180 (inch), Y=1/360 (inch)

• TUP900

Page mode print region initial value (dxL, dxH, dyL, dyH)

Print region	Basic		Initial Value (= Maximum Value)								
Setting	Calculated	dxL	dxH	dyL	dyH	Printable R	egion Width				
(Memory	Pitch					X Dir	Y Dir				
Switch	Correction					, (B					
Setting)	(DIPSW										
	Setting)										
104mm	203/180	64	3	96	9	104mm	300mm				
	DPI										
80mm	203/180	128	2	96	9	80mm	300mm				
	DPI										
72mm	203/180	64	2	96	9	72mm	300mm				
	DPI										
56mm	203/180	192	1	96	9	56mm	300mm				
	DPI										

Basic calculated pitch initial value: X=1/203 (inch), Y=1/203 (inch)

6-5-2 Usage Example of Page Mode

This section provides a detailed description of how to use the page mode.

The following outlines the representative command transmission procedures when using the page mode.

- 1. Page mode is used by the printer receiving the ESC L (Select page mode) command.
- 2. The print region is specified by the ESC W (Select print region in page mode) command.
- 3. The print direction is specified by the ESC T (Select character print direction in page mode) command.
- 4. Send print data.
- 5. The printer prints the print data send, using the FF (Print and recover page mode) command.
- 6. After printing, the printer recovers to standard mode.

<Example 1: Sample Program using Basic>

(It is already possible to send to the printer using file #1 with an OPEN statement.)

- 100 PRINT #1, CHR\$(&H1B); "L";
- 110 PRINT #1, CHR\$(&H1B); "W"; CHR\$(0); CHR\$(0); CHR\$(0); CHR\$(0);
- 120 PRINT #1, CHR\$(200); CHR\$(0); CHR\$(144); CHR\$(1);
- 130 PRINT #1, CHR\$(&H1B); "T"; CHR\$(0);
- 140 PRINT #1, "Page mode lesson TEST 1"
- 150 PRINT #1, CHR\$(&HC);

With the program in example 1, the print region of the size of 200×400 pitch is ensured from the origin point (0,0). Printing is performed on that first line.



The reason for the line break between lesson and Test 1 in the figure above is because it was automatically inserted due to the fact that a space could not be inserted after lesson in the horizontal direction in the print range of 200 x 400 pitch. This line feed amount is a value specified by ESC 3 (Set line feed amount). Also, several print regions can be set until FF is executed. However, when print regions are overlapped, an OR operation is used for data that is newly written and data that was already written.

To delete only a portion of the buffered data, use the CAN (Cancel print data in page mode) command. CAN deletes all data in the print region currently specified. Therefore, specify the print region that encloses the portion to delete using ESC W, then use the CAN command to delete that data.

However, be careful because the portion in the specified print region, even if a portion of the characters, will be deleted.

<Example 2: Sample Program using Basic>

100	PRINT	#1, CHR\$(&H1B); "L";
110	PRINT	#1, CHR\$(&H1B); "W"; CHR\$(0); CHR\$(0); CHR\$(0); CHR\$(0);
120	PRINT	#1, CHR\$(200); CHR\$(0); CHR\$(144); CHR\$(1);
130	PRINT	#1, CHR\$(&H1B); "T"; CHR\$(0);
140	PRINT	#1, "Page mode lesson 2 CAN command"
150	PRINT	#1, CHR\$(&HA);
160	PRINT	#1, "ABCDEFGHIJKLMNOPQRST1234567890"
170	PRINT	#1, CHR\$(&HC);

Initially, send ESC L to switch to page mode (line number 100). Next, use ESC W to send eight arguments from xL to dyH to ensure the print region. In this example, to ensure a printer region of the size of 200 in the x direction and 400 in the y direction from the origin (0,0), send arguments in the order of 0,0,0,200,0,144,1. (Line numbers 110 to 120) Also, specify using ESC T. Specify the print direction with 0. (Line number 130) These settings send the print data "Page mode lesson 2 CAN command" and "ABCDEFGHIJKLMNOPQRST1234567890" (line numbers 140 to 160). By sending FF, (line number 170), the following will be printed.



170 PRINT #1, CHR\$(&H1B); "W"; CHR\$(72); CHR\$(0); CHR\$(120); CHR\$(0);

- 180 PRINT #1, CHR\$(36); CHR\$(0); CHR\$(48); CHR\$(0);
- 190 PRINT #1, CHR\$((30), CHR\$((0), CHR\$((40), CHR\$((0))
- 200 PRINT #1, CHR\$(&HC);

The character string GHI, in the figure below, is deleted as a result of adding the program above. Also, if deleting using the CAN command, a space is used without filling the deleted portion.



6-6 Appendix 6 CODE 128 Bar Codes

6-6-1 General Description of CODE 128 Bar Codes

With CODE 128 bar codes, it is possible to express one character of full ASCII128 character groups or two digits numbers with one bar code character by combining 103 bar code types and three types of code sets.

- Code Set A Expresses ASCII characters of 00H to 5FH
- Code Set B Expresses ASCII characters of 20H to 7FH
- Code Set C Expresses two-digit numbers with one character
 - (100 types of 00 to 99)

Also in CODE 128, the following special characters are available.

- Shift characters (SHIFT) In code set A, 1 character immediately after a shift is handled as a character from code set B. In code set B, 1 character immediately after is handled as a character from code set A. Note that this is not used with code set C.
- Code set selection characters (Code A, Code B, Code C) Switches the following code set to A, B or C.
- Function characters (FNC1, FNC2, FNC3, FNC4) The use of function keys depends on the application. Note that only FNC1 is used with code set C.

6-6-2 Code Tables

1. Characters printable with code set A

Character	Transmis	sion Data	Character	Transmis	sion Data	Character	Transmis	sion Data
Character	Hex.	Decimal	Character	Hex.	Decimal	Character	Hex.	Decimal
NUL	00	0	(28	40	Р	50	80
SOH	01	1)	29	41	Q	51	81
STX	02	2	*	2A	42	R	52	82
ETX	03	3	+	2B	43	S	53	83
EOT	04	4	,	2C	44	Т	54	84
ENQ	05	5	-	2D	45	U	55	85
ACK	06	6		2E	46	V	56	86
BEL	07	7	/	2F	47	W	57	87
BS	08	8	0	30	48	Х	58	88
HT	09	9	1	31	49	Y	59	89
LF	0A	10	2	32	50	Z	5A	90
VT	0B	11	3	33	51	[5B	91
FF	0C	12	4	34	52	١	5C	92
CR	0D	13	5	35	53]	5D	93
SO	0E	14	6	36	54	^	5E	94
SI	0F	15	7	37	55	_	5F	95
DLE	10	16	8	38	56	FNC1	7B,31	123,49
DC1	11	17	9	39	57	FNC2	7B,32	123,50
DC2	12	18	:	3A	58	FNC3	7B,33	123,51
DC3	13	19	;	3B	59	FNC4	7B,34	123,52
DC4	14	20	<	3C	60	SHIFT	7B,35	123,53
NAK	15	21	=	3D	61	CODE B	7B,42	123,66
SYN	16	22	>	3E	62	CODE C	7B,43	123,67
ETB	17	23	?	3F	63			
CAN	18	24	@	40	64			
EM	19	25	A	41	65			
SUB	1A	26	В	42	66			
ESC	1B	27	С	43	67			
FS	1C	28	D	44	68			
GS	1D	29	E	45	69			
RS	1E	30	F	46	70			
US	1F	31	G	47	71			
SP	20	32	Н	48	72			
!	21	33	I	49	73			
"	22	34	J	4A	74			
#	23	35	ĸ	4B	75			
\$	24	36	L	4C	76			
%	25	37	M	4D	77			
&	26	38	N	4E	78			
	27	39	0	4F	79	J		

Character	Transmis	sion Data	Character	Transmis	sion Data	Character	Transmis	sion Data
Character	Hex.	Decimal	Character	Hex.	Decimal	Character	Hex.	Decimal
SP	20	32	Н	48	72	р	70	112
!	21	33	I	49	73	q	71	113
"	22	34	J	4A	74	r	72	114
#	23	35	K	4B	75	S	73	115
\$	24	36	L	4C	76	t	74	116
%	25	37	М	4D	77	u	75	117
&	26	38	N	4E	78	v	76	118
•	27	39	0	4F	79	w	77	119
(28	40	Р	50	80	х	78	120
)	29	41	Q	51	81	У	79	121
*	2A	42	R	52	82	z	7A	122
+	2B	43	S	53	83	{	7B,7B	123
,	2C	44	Т	54	84		7C	124
-	2D	45	U	55	85	}	7D	125
	2E	46	V	56	86	to	7E	126
/	2F	47	W	57	87	DEL	7F	127
0	30	48	Х	58	88	FNC1	7B,31	123,49
1	31	49	Y	59	89	FNC2	7B,32	123,50
2	32	50	Z	5A	90	FNC3	7B,33	123,51
3	33	51	[5B	91	FNC4	7B,34	123,52
4	34	52	١	5C	92	SHIFT	7B,35	123,53
5	35	53]	5D	93	CODE A	7B,41	123,65
6	36	54	^	5E	94	CODE B	7B,43	123,67
7	37	55	_	5F	95			
8	38	56	<u>,</u>	60	96			
9	39	57	а	61	97			
:	3A	58	b	62	98			
;	3B	59	с	63	99			
<	3C	60	d	64	100			
=	3D	61	е	65	101			
>	3E	62	f	66	102			
?	3F	63	g	67	103			
@	40	64	ĥ	68	104			
Ā	41	65	i	69	105			
В	42	66	j	6A	106			
С	43	67	k	6B	107			
D	44	68	I	6C	108			
E	45	69	m	6D	109			
F	46	70	n	6E	110			
G	47	71	0	6F	111	Į		

2. Characters printable with code set B

Character	Transmis	sion Data	Character	Transmis	sion Data	Character	Transmis	sion Data
Character	Hex.	Decimal	Character	Hex.	Decimal	Character	Hex.	Decimal
00	00	0	40	28	40	80	50	80
01	01	1	41	29	41	81	51	81
02	02	2	42	2A	42	82	52	82
03	03	3	43	2B	43	83	53	83
04	04	4	44	2C	44	84	54	84
05	05	5	45	2D	45	85	55	85
06	06	6	46	2E	46	86	56	86
07	07	7	47	2F	47	87	57	87
08	08	8	48	30	48	88	58	88
09	09	9	49	31	49	89	59	89
10	0A	10	50	32	50	90	5A	90
11	0B	11	51	33	51	91	5B	91
12	0C	12	52	34	52	92	5C	92
13	0D	13	53	35	53	93	5D	93
14	0E	14	54	36	54	94	5E	94
15	0F	15	55	37	55	95	5F	95
16	10	16	56	38	56	96	60	96
17	11	17	57	39	57	97	61	97
18	12	18	58	3A	58	98	62	98
19	13	19	59	3B	59	99	63	99
20	14	20	60	3C	60	FNC1	7B,31	123,49
21	15	21	61	3D	61	CODE A	7B,41	123,65
22	16	22	62	3E	62	CODE B	7B,42	123,66
23	17	23	63	3F	63			
24	18	24	64	40	64			
25	19	25	65	41	65			
26	1A	26	66	42	66			
27	1B	27	67	43	67			
28	1C	28	68	44	68			
29	1D	29	69	45	69			
30	1E	30	70	46	70			
31	1F	31	71	47	71			
32	20	32	72	48	72			
33	21	33	73	49	73			
34	22	34	74	4A	74			
35	23	35	75	4B	75			
36	24	36	76	4C	76			
37	25	37	77	4D	77			
38	26	38	78	4E	78			
39	27	39	79	4F	79			

3. Characters printable with code set C

APPENDIX COMMAND LIST BY MODEL

7-1 RS-232C Interface

Standard Commands

Commands	+00700	1		Model	Name	·····	r	
	159700	15P600	159800	102900				
HI	0	0	0	0				
	0	0	0	0				
	0	0	0	0				
	X	X	X	X				
	1 5000	1 5000	1 5000	2 5000				
	i. Spec.		i. Spec.	2. Spec.				
	^	0	^ 0	× ×				
ESC FE	0	0	0	0				
ESC SP	0	0	0	0				
ESC !	0	0	0	0				
ESC \$	0	0	0	0				
ESC %	0	0	0	0				
ESC &	0	0	0	0				
ESC *	0	0	0	0				
ESC -	0	0	0	0				
ESC 2	0	0	0	0				
ESC 3	0	0	0	0				
ESC =	0	0	0	0				
ESC ?	0	0	0	0				
	0	0	0	0				
ESCE	0	0	0	0				
ESCG	0	0	0	0				
ESCU	0	0	0	0				
ESCI	0	0	0	0				
ESC M	0	0	0	0				
ESC R	0	0	0	0				
ESC S	0	0	0	0				
ESC T	0	0	0	0				
ESC V	0	0	0	0				
ESC W	0	0	0	0				
ESC \	0	0	0	0				
ESC a	0	0	0	0 0 (D) 0				
ESC c 3	Ver 4.0 to	Ver 4.0 to	Ver 5.0 to	2 (B) Spec.				
ESC c.4	2 (A) Spec.	2 (A) Spec.	2 (A) Spec.	0				
	0	0	0	0				
ESC d	0	0	0	0				
ESC p	0	0	0	x				
ESCt	0	0	0	0				
ESC {	0	0	0	0				
FSg1	х	Х	Х	Х				
FSg2	х	х	х	Х				
FSp	0	0	0	0				
FSq	0	0	0	0				
GS !	0	0	0	0				
GS \$	0	0	0	0				
GS ^	0	0	0	0				
GS (A	0	0	0	0				
GS(N	X	X	X	0				
GS/	^	^	 ○	0	1	1	1	
GS ·	0	0	0	0				
GS B	0	0	0	0				
GS C 0	х	х	х	0				
GSC1	x	x	x	0				
GS C 2	х	Х	х	0				
GSC;	х	х	х	0				
GS E	х	х	x	0				
GS H	0	0	0	0				
GSI	0	0	0	0				
GSL	0	0	0	0				
GSP	0	0	0	х				
GSI	х	х	х	0				
GSV	0	0	0	0				
GS W	0	0	0	0				
	0	0	0	0				
					1	1 · · · · · · · · · · · · · · · · · · ·	1 · · · · · · · · · · · · · · · · · · ·	

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900			[
GS a	0	0	0	0							
GS b	х	х	х	х							
GS c	х	х	х	0							
GS f	0	0	0	0							
GS h	0	0	0	0							
GS k	0	0	0	0							
GS r	0	0	0	0							
GS v 0	0	0	0	0							
GS w	0	0	0	0							

Kanji Control Commands (DBCS Settings, Kanji Specifications Only)

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900]		[
FS !	0	0	0	0							
FS &	0	0	0	0							
FS -	0	0	0	0							
FS.	0	0	0	0							
FS 2	0	0	0	0							
FS C	0	0	0	0							
FS S	0	0	0	0							
FS W	0	0	0	0							

• ESC/POS Black Mark Related Commands (When black marks are effective)

Commands		Model Name										
	TSP700	TSP600	TSP800	TUP900								
FF	0	0	0	0								
DLE ENQ	0	0	0	0								
GS FF	х	х	х	0								
GS (F	х	х	х	0								
GS (M n=1	х	х	х	0								
GS (M n=2	х	х	х	0								
GS (M n=3	х	х	х	0								
GS <	0	0	0	х								
GS V	0	0	0	0								

STAR Original Commands

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
ESC GS =	0	0	0	0			
ESC GS t	0	0	0	0			
ESCGS#m	0	0	0	0			

• STAR Original Maintenance Counter Control Commands There are no commands.

STAR Original Presenter Control Commands

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900							
ESC SYN 0	х	х	х	0							
ESC SYN 1	х	х	х	0							
ESC SYN 3	х	х	х	0							
ESC SYN 4	х	х	х	0							

Star Original Mark Commands

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900							
ESC GS * 0	From Ver4.0	х	х	From Ver3.0							
ESC GS * 1	From Ver4.0	х	х	From Ver3.0							
ESC GS * 2	From Ver4.0	х	х	From Ver3.0							
ESC GS * W	From Ver4.0	х	х	From Ver3.0							
ESC GS * C	From Ver4.0	х	х	From Ver3.0							

• STAR Original Auto Logo Commands

Commands		Model Name										
	TSP700	TSP600	TSP800	TUP900			[
ESCGS/W	From Ver4.0	х	х	Х								
ESC GS / C	From Ver4.0	х	х	Х								
ESC GS / 1	From Ver4.0	х	х	Х								
ESC GS / 2	From Ver4.0	х	х	Х								
ESC GS / 3	From Ver4.0	х	х	Х								
ESC GS / 4	From Ver4.0	х	х	Х								
ESC GS / 5	From Ver4.0	х	х	Х								
ESC GS / 6	From Ver4.0	х	х	Х								

7-2 Parallel Interface • Standard Commands

Commands	TODZOO	TERCOO	TEPOOO	Model	Name		r	
	TSP700	TSP600	TSP800	10P900				
	0	0	0	0				
FF	0	0	8	0				
CR	0	0	0	0				
CAN	0	0	0	0				
DLE EOT	1. Spec.	1. Spec.	1. Spec.	2. Spec.				
DLE ENQ	X	0	x	x				
DLE DC4	0	0	0	Х				
ESC FF	0	0	0	0				
ESC SP	0	0	0	0				
ESC !	0	0	0	0				
ESC \$	0	0	0	0				
ESC %	0	0	0	0				
ESC &	0	0	0	0				
ESC *	0	0	0	0				
ESC -	0	0	0	0				
ESC 2	0	0	0	0				
ESC 3	0	0	0	0				
ESC =	0	0	0	0				
ESC ?	0	0	0	0				
ESC @	0	0	0	0				
ESCE	0	0	0	0				
ESC G	0	0	0	0				
ESCU	0	0	0	0				
ESCI	0	0	0	0				
ESC M	0	0	0	0				
ESC R	0	0	0	0				
ESC S	0	0	0	0				
ESC T	0	0	0	0				
ESC V	0	0	0	0				
ESC W	0	0	0	0				
ESC \	0	0	0	0				
ESC a	0	0	0	0				
ESC c 3	Ver 4.0 to 2 (A) Spec.	Ver4.0 to 2 (A) Spec.	Ver5.0 to 2 (A) Spec.	2 (B) Spec.				
ESC c 4	0	0	0	0				
ESC c 5	0	0	0	0				
ESC d	0	0	0	0				
ESC p	0	0	0	x				
ESCI	0	0	0	0				
ES a 1	v	·	·	·				
FS g 2	×	×	×	x				
FSp	0	0	0	0				
FSq	0	0	0	0				
GS !	0	0	0	0				
GS \$	0	0	0	0				
GS *	0	0	0	0				
GS (A	0	0	0	0				
GS (K	х	х	х	0				
GS (N	х	х	х	0				
GS /	0	0	0	0				
GS :	0	0	0	0				
GS B	0	0	0	0				
GS C 0	х	x	х	0				
GS C 1	х	x	x	0				
GS C 2	х	x	х	0				
GSC;	X	x	X	0				
GSE	x	x	x	0				
GSH	0	0	0	0				
681	0	0	0	0				
GSL	0	0	0	° 				
GST	0 V	ں ۲	U V	×				
GSV		^	^	0				
GSW	0	0	0	0				
GS\	0	0	0	0				
GS ^	0	0	0	0	1	1	1	1
					1	1	1	

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
GS a	0	0	0	0			
GS b	х	х	х	х			
GS c	0	0	0	0			
GS f	0	0	0	0			
GS h	0	0	0	0			
GS k	0	0	0	0			
GS r	0	0	0	0			
GS v 0	0	0	0	0			
GS w	0	0	0	0			

Kanji Control Commands (DBCS Settings, Kanji Specifications Only)

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900		 [
FS!	0	0	0	0			
FS &	0	0	0	0			
FS -	0	0	0	0			
FS.	0	0	0	0			
FS 2	0	0	0	0			
FS C	0	0	0	0			
FSS	0	0	0	0			
FS W	0	0	0	0			

• ESC/POS Black Mark Related Commands (When black marks are effective)

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
FF	0	0	0	0			
DLE ENQ	0	0	0	0			
GS FF	х	х	х	0			
GS (F	х	х	х	0			
GS (M n=1	х	х	х	0			
GS (M n=2	х	х	х	0			
GS (M n=3	х	х	х	0			
GS <	0	0	0	х			
GS V	0	0	0	0			

• STAR Original Commands

Commands	Model Name										
	TSP700	TSP600	TSP800	TUP900							
ESC GS =	0	0	0	0							
ESC GS t	0	0	0	0							
ESCGS#m	0	0	0	0							

• STAR Original Maintenance Counter Control Commands There are no commands.

STAR Original Presenter Control Commands

Commands		Model Name										
	TSP700	TSP600	TSP800	TUP900								
ESC SYN 0	х	х	х	0								
ESC SYN 1	х	х	Х	0								
ESC SYN 3	х	х	х	0								
ESC SYN 4	х	х	х	0								

Star Original Mark Commands

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900							
ESC GS * 0	From Ver4.0	х	х	From Ver3.0							
ESC GS * 1	From Ver4.0	х	х	From Ver3.0							
ESC GS * 2	From Ver4.0	х	х	From Ver3.0							
ESC GS*W	From Ver4.0	х	х	From Ver3.0							
ESC GS * C	From Ver4.0	х	х	From Ver3.0							

• STAR Original Auto Logo Commands

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900							
ESC GS / W	From Ver4.0	х	х	х							
ESC GS / C	From Ver4.0	х	х	х							
ESC GS / 1	From Ver4.0	х	х	х							
ESC GS / 2	From Ver4.0	х	х	х							
ESC GS / 3	From Ver4.0	х	х	х							
ESC GS / 4	From Ver4.0	х	х	х							
ESC GS / 5	From Ver4.0	х	х	х							
ESC GS / 6	From Ver4.0	х	х	х							

7-3 USB I/F (Ver 1.0) • Etherne	t I/F (Ver 1.0)
---------------------------------	----------------	---

Standard Commands

Commands				Model	Name			
	TSP700	TSP600	TSP800	TUP900			[
HT				0				
LF				0				
FF				0				
CR				0				
CAN				0				
DLE EOT				Х				
DLE ENQ				Х				
DLE DC4				х				
ESC FF				0				
ESC SP				0				
ESC !				0				
ESC \$				0				
ESC %				0				
ESC &				0				
ESC "				0				
ESC -				0				
ESC 2				Ŭ				
				Ŭ				
ESC 2				0				
ESC @				0				
				0				
ESC E				0				
ESC G				0				
ESC I				0				
ESCI				0				
ESC M				0				
ESC R				0				
ESC S				0				
ESC T				0				
ESC V				0				
ESC W				0				
ESC \				0				
ESCa				0				
ESC c 3				2/B)Sners				
ESC c 4								
ESC c 5				0				
ESC d				0				
ESC p				х				
ESC t				0				
ESC {				0				
FSg1				Х				
FSg2				Х				
FSp				0				
FSq				o (*)				
GS !				0				
GS \$				0				
GS *				0				
GS (A				0				
GS (K				0				
GS (N				0				
GS/				0				
GS:				0				
GSB				0				
GSCO				0				
GSC1				0				
GS C 2				0				
GSC;				0				
GSE				0				
GSH				0				
GST				х				
GSL				0				
GSP				х				
GSI				0				
GSV				0				
GSW				0				
651				0				
GS ^				0	1		1	1

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
GS a				х			
GS b				х			
GS c				0			
GS f				0			
GS h				0			
GS k				0			
GS r				х			
GS v 0				0			
GS w				0			

• Kanji Control Commands (DBCS Settings, Kanji Specifications Only)

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
FS!				0			
FS &				0			
FS -				0			
FS.				0			
FS 2				0			
FS C				0			
FS S				0			
FS W				0			

• ESC/POS Black Mark Related Commands (When black marks are effective)

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
FF				0			
DLE ENQ				0			
GS FF				0			
GS (F				0			
GS (M n=1				o (*)			
GS (M n=2				0			
GS (M n=3				o (*)			
GS <				х			
GS V				0			

STAR Original Commands

Commands	Model Name									
	TSP700	TSP600	TSP800	TUP900						
ESC GS =				o (*)						
ESC GS t				0						
ESCGS#m				o (*)						

• STAR Original Maintenance Counter Control Commands There are no commands.

STAR Original Presenter Control Commands

Commands	Model Name									
	TSP700	TSP600	TSP800	TUP900						
ESC SYN 0				0						
ESC SYN 1				0						
ESC SYN 3				х						
ESC SYN 4				0						

Star Original Mark Commands

Commands	Model Name									
	TSP700	TSP600	TSP800	TUP900			[
ESC GS * 0				From Ver3.0						
ESC GS * 1				From Ver3.0						
ESC GS * 2				From Ver3.0						
ESCGS*W				From Ver3.0						
ESC GS * C				From Ver3.0						

• STAR Original Auto Logo Commands

Commands		Model Name										
	TSP700	TSP600	TSP800	TUP900			[
ESC GS/W				х								
ESC GS / C				х								
ESC GS / 1				х								
ESC GS / 2				х								
ESC GS / 3				х								
ESC GS / 4				х								
ESC GS / 5				х								
ESC GS / 6				х								

(*) After executing a printer reset, the printer hangs up. It is necessary to turn the printer off then on again.

7-4 USB I/F (Ver 2.0) • Ethernet I/F (Ver 2.0) • Standard Commands 7-4

Commands	Model Name								
	TSP700	TSP600	TSP800	TUP900					
HT				0					
LF				0					
FF CD				0					
				0					
				2 Specs					
DLE ENO				<u>2. 0pcc3</u>		-			
DLE DC4				X					
ESC FF				0					
ESC SP				0					
ESC !				0					
ESC \$				0					
ESC %				0					
ESC &				0					
ESC				0	-				
ESC 2				0					
ESC 3				0					
ESC =				0					
ESC ?				0					
ESC @				0					
ESC D				0					
ESC E				0					
ESC G				0					
ESC J				0					
ESC M				0	<u> </u>	<u> </u>			
ESC R				0					
ESCIS				0					
ESC T				0					
ESC V				0					
ESC W				0					
ESC \				0					
ESC a				0					
ESC c 3				2(B)Specs.					
ESC c 4				0					
ESC d				0					
ESC n				×					
ESC t				0 0					
ESC {				0					
FSg1				х					
FSg2				х					
FSp				0					
FSq				0					
				0					
65 \$ CS *				0	<u> </u>	<u> </u>			
GS (A				0					
GS (K				0					
GS (N				0					
GS /				0					
GS :				0					
GS B				0					
GSC0				0					
GSC1				0					
				0					
				0			<u> </u>	<u> </u>	
GSH				0					
GSI				0					
GSL				0			1	1	
GS P				X					
GST				0					
GS V				0					
GS W				0					
GS\				0					
GS ^				0				1	

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900			
GS a				∆ When n=0 Command Ingored			
GS b				х			
GS c				0			
GS f				0			
GS h				0			
GS k				0			
GS r				0			
GS v 0				0			
GS w				0			

• Kanji Control Commands (DBCS Settings, Kanji Specifications Only)

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900							
FS !				0							
FS &				0							
FS -				0							
FS.				0							
FS 2				0							
FS C				0							
FSS				0							
FS W				0							

• ESC/POS Black Mark Related Commands (When black marks are effective)

Commands				Model	Name		
	TSP700	TSP600	TSP800	TUP900		 [
FF				0			
DLE ENQ				0			
GS FF				0			
GS (F				0			
GS (M n=1				0			
GS (M n=2	-			0			
GS (M n=3				0			
GS <				х			
GS V				0			

• STAR Original Commands

Commands	Model Name								
	TSP700	TSP600	TSP800	TUP900					
ESC GS =				0					
ESC GS t				0					
ESCGS#m				0					

• STAR Original Maintenance Counter Control Commands There are no commands.

• STAR Original Presenter Control Commands

Commands	Model Name									
	TSP700	TSP600	TSP800	TUP900						
ESC SYN 0				0						
ESC SYN 1				0						
ESC SYN 3				0						
ESC SYN 4				0						

Star Original Mark Commands

Commands		Model Name									
	TSP700	TSP600	TSP800	TUP900			[
ESC GS * 0				From Ver 3.0							
ESC GS * 1				From Ver 3.0							
ESC GS * 2				From Ver 3.0							
ESC GS * W				From Ver 3.0							
ESC GS * C				From Ver 3.0							

• STAR Original Auto Logo Commands

Commands	Model Name							
	TSP700	TSP600	TSP800	TUP900]
ESCGS/W				х				
ESC GS / C				х				
ESC GS / 1				х				
ESC GS / 2				х				
ESC GS / 3				х				
ESC GS / 4				х				
ESC GS / 5				х				
ESC GS / 6				х				