

Eclipse™ Payment Terminal

FDC RETAIL CREDIT REFERENCE MANUAL

Application Version NGFD
Document Part Number NG0104



The Check Experts

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1.0 Introduction

This specification only describes the user interface and parameter setup.

For a description of the communication formats and message structure, please refer to the FDC ETC PLUS Specification Document.

The **Eclipse™ payment** terminal will provide data capture capability at the point-of-sale. It will interact with the FDR authorization computer (from now on called the host), to capture transaction detail for approved transactions and provide report capabilities. A separate Demo Application is available. The demo application operates in the same manner as the standard application except that it emulates communications in a positive flow.

Features of the terminal include:

- Credit/Debit Sale authorization
- Credit/Debit Refund authorization
- Credit TKT ONLY (offline --Force)
- Credit Auth Only
- Credit Voids and Corrections
- Refund and Void Password Protection
- Net Total of daily credit/debit sales and refunds
- Manual and Automatic report generation
- Auto-close
- Quick-close or Manual close
- Address Verification Service (AVS)
- Purchase Cards
- Amex Split Dial for Auths

Transaction storage capacity is 300 transactions. The default for "BATCH ALMOST FULL" is set at 250, and the "BATCH FULL" parameter is defaulted to 300. The transactions may be viewed in one of three forms:

- credit/debit card transaction net totals
- credit/debit card transaction net totals by card type
- credit/debit card transaction detail listing

The reports can be viewed on the terminal display or they can be printed.

"**PROCESSING...**" is used to inform the user that the terminal is performing some operation (i.e. retrieving batch records for reports).

If any errors occurred before closing, corrections can be made using the Force, Correction, or Void functions.

A receipt will be printed for each transaction approved by the host. Receipts will be generated for Force transactions if the appropriate parameter is activated. Receipts must be printed for all Debit Transactions.

2.0 Application Files and Parameters

TeleCheck will maintain the check parameters and the application code files.

The **Eclipse terminal** is to be loaded before deployment with files from either ZONTALK or from modem downloads through TeleCheck host. Merchant specific parameters are loaded through two partial downloads. One each from TeleCheck and the Credit Card Processor. Each partial download should take no more than 90 seconds.

Credit Processor to maintain the credit parameters. Check parameters continue to upload to TeleCheck host if any parameter is manually changed. The new parameter upload packet may reach a maximum of 2500 bytes.

3.0 Keypad Layout and Default IDLE Screen

Terminal will toggle approx. every 3-4 seconds between these two screens at idle.



QZ, 1	ABC 2	DEF 3	CLEAR
GHI 4	JKL 5	MNO 6	BACK SPACE
PRS 7	TUV 8	WXY 9	ALPHA
HELP	*#. 0	EDIT	ENTER

3.1 REAL TIME CLOCK

This function is used to manually reset the Date and Time.

1.0 Press the Other Button on the touch-screen to get to next screen

INSERT CHECK
OR SWIPE CARD



1.1 Press System Button on touch-screen.



2.0 Press the Date/Time Button.



3.0 Date = 04/30/1999

Press the YES button on touch-screen to change date

CHANGE DATE?

Skip to 5.0 if NO selected



4.0 ENTER MONTH

Enter value of 1 to 12.

4.1 ENTER DATE

Enter value of 1 to 31.

4.2 ENTER YEAR

Enter value of 1999 to 2049.
If entry is invalid, display error message and go to 4.0.
If year okay, continue

5.0 Time = 16:20:00

Press yes on touch-screen to change time

CHANGE TIME?



5.0 ENTER HOUR

Enter value of 1 - 12.

5.1 AM PM

Select am or PM

5.2 ENTER MINUTES

Enter value of 00 - 59.

6.0 Date = 08-03-1999

Exit if Yes or Clear hit. Start over if No Selected

Time = 16:04:00

Date/Time Okay?



3.2 DOWNLOADING

The Control Region provides the vehicle with which to download applications and parameters. The terminal will be downloaded with ZONTALK

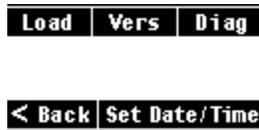
- 1.0 Press the Other Button on the touch-screen to get to next screen



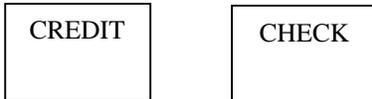
- 1.1 Press System Button on touch-screen.



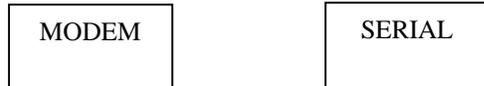
- 2.0 Press the LOAD Button.



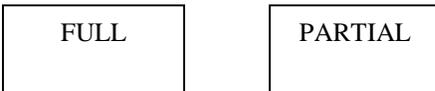
- 3.0 Select Download source host.



- 4.0 Select download type. Modem or RS-232.



- 4.1 For Check Downloads, Select FULL or PARTIAL (CREDIT is always partial (parameters only))



- 5.0 Download Number

Enter the phone number required to dial Zontalk, or just press [ENTER] and the terminal will utilize the current value in the parameter file.

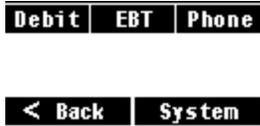
- 7.0 Credit Merch ID (credit, 6-13 digits max)
TCK MERCHANT ID (check, 8-12 digits)
Enter the Merchant # or just press [ENTER] and the terminal will utilize the current values in the parameter file.
- 8.0 Application ID
Enter the Application ID or just press [ENTER] and the terminal will utilize the current value in the parameter file. (Displayed for full check only)
Partial check default = NGCK, partial credit default=NGCR
- 9.0 <communications>
Terminal will proceed to dial out for a Full or Partial Download from ZONTALK.
- 10.0 DOWNLOAD C
The terminal download is finished.
The unit will reset and startup with new applications for a full download.
Batches are cleared on full downloads!

3.3 DISPLAY FIRMWARE/SOFTWARE VERSIONS

1.0 Press the Other Button on the touch-screen to get to next screen



1.1 Press System Button on touch-screen.



2.0 Press the Vers Button.



3.0 The terminal will list the first 8 software versions found.

```
ECA = XX-XX-XXXX
FDR = XX-XX-XXXX

ROM = VNXXXXXX
T ID = 12 XXXXXX
SN = XXXXXXXXX
IMG = FULL XXX
MDM = XX.XX
```

3.4 Edit Credit Parameters

This function is used to setup the application's parameters; card types, phone numbers, etc.

1.0 Press the Credit button on the touch-screen display to get to Credit menu.



1.1 Press the MORE Button to get to more credit functions.



1.2 Press the MORE button.



1.3 Press the SETUP button.



2.0 Press the Edit Params Button



3.1 ENTER PASSWORD

User: Enter the User Password [766130]

Term: If an invalid password is entered, beep and return to step 3.1.

4.0 PARAMETER SETUP
GENERAL PARAMS



User: Touch General on Screen or hit enter to edit general params.

User: Hit the Left or Right Arrow Key to select other areas to setup. The terminal will scroll through the various parameter areas:
<GENERAL PARAMS> <PHONE PARAMS>
<DEBIT PARAMS><CARD RANGES>
<PRINTER PARAMS>

4.0 Terminal Operation

This section describes terminal prompts, user action, user response format, and terminal action.

Receipts are printed for Sales, Auths, Refunds, Debit, and optionally parameter driven for TKT Only transactions. They are not printed for Void or Correction transactions.

When the prompt "CARD NOT ALLOWED" appears after a card swipe, it means that card type is not enabled.

When the message "CLOSE IN PROGRES" appears, an AutoClose transaction was previously started. The close transaction should normally be completed before any sales and refunds are processed via their designated keys. To unlock the sale and refund keys without first completing a successful close transaction, perform the Cancel Close Function.

If the AMEX merchant ID and AMEX phone number, and AMEX SD = YES parameters are setup, the terminal will dial AMEX for Auths on all AMEX transactions. Settlement will still occur through the FDR Host.

If AVS is enabled, the merchant will be prompted to enter AVS data for all manually keyed transactions. If card is present, only Zip Code will be prompted. If card not present, both zip and address will be prompted.

From the idle state, a transaction may be initiated by the user in one of three ways:

1. Card Swiped, which initiates Credit Sale Key.
2. Check Inserted, which initiates TeleCheck application.
3. The Pressing of a Transaction Key, which determines whether the Credit /Debit application or TeleCheck application is accessed.

4.1 Account Range Table

Length and account number range will be used to determine card type.

The tests for account number range and MOD10 are performed separately and produce different results when the test fails. The range test should be performed first. If the range test fails, the proper display is "CARD TYPE NOT SUPPORTED". Once the range test passes, the MOD10 test is performed. If it fails, the proper display is "BAD ACC'T NUMBER".

For Debit Transactions, only TRACK 2 Data is used. The MOD 10 test is not performed on the Account Number. Manual Entry of the Account Number is not allowed for Debit Sale and Refund Transactions.

Purchase Card ranges should come before the default range type for each card type.

Thirty account ranges are allocated for use with up to thirty 'ranged' card types. Each account range entry must be in the following format:

For AMEX Spilt dial, AMEX spilt dial map must be set to proper Card Type.

Figure 4.1-1 Account Range Entry

Data Name	Length	Notes
Low number	6	First 6 digits of low account range number.
High number	6	First 6 digits of high account range number.
Card Type	2	Describes which accumulator set will be used for this particular card range. (1...,10)
Card Desc	3	Description of reporting card type (may be alphanumeric).
Retail Terms	1	Flag indicating whether to prompt for Retail Terms; a 0 to 4 numeric value. 1 = prompt, 0 = disabled.
Descriptor Code	1	Flag indicating whether to prompt for descriptor code and the length of the descriptor codes. (0=no descriptor codes, 2=length 2, 4=length 4)
AVS	1	Flag indicating whether to prompt for AVS address and AVS zip code.
Customer Code	1	Flag indicating whether to prompt for the customer code.
Tax Prompt	1	Flag indicating whether to prompt for Tax amount for this account range. Prior to displaying the prompt, the Tax Calculation Application option is checked and if on the tax is computed automatically and the Tax prompt is not displayed. This option can be overridden at the terminal level with the Tax Override Application option.
Print TID/ACI	1	Flag indicating whether to print the Transaction Identifier (TID) and Auth Characteristic Indicator (ACI) for this account range. This applies to Auth Only, Sale, Void Sale non-ATM transactions along with Ticket Only and Void Ticket Only transactions.
Purchase ID	1	Flag indicating whether to prompt for Purchase ID for this account range. 0=Off, 1=On.

5.0 Credit Sale Authorization

A Credit Sale Authorization transaction is for a merchant who wants to authorize and capture monetary information with a single transaction. The host will determine authorization and if approved, the transaction data will be captured by the terminal and a receipt printed

- 1.0 Press the Credit Key to start a Credit Sale or just swipe the Card. Go to 3.5 if Card Swiped



- 2.0 Press the SALE button for a credit sale.



- 3.0 ENTER ACCT # User: Key the account number 13-19 digits.
Term: Save the account data.
- 3.1 EXPIRE DATE MMY User: Enter the expiration date and press [ENTER]
Term: Validate the expiration date against the system date.
Then goto step 4.0.
- 3.5 LAST 4 DIGITS? User: Key last 4 digits or account # from card face.
Term: Only prompt if Fraud Enabled and card swiped.
If data matches, goto 3.6
- 3.6 ACCOUNT NUM? User: Hit yes if account number on screen matches that on card face.
XXXXXXXXXXXXX Term: Only prompt if enabled in fraud parameter.
- 
- 4.0 SALE AMOUNT? User: Enter the amount in dollar and cents. Then press the
\$0.00 [ENTER] key.
Format: 8 characters maximum.
Term: Save the transaction amount.
- 4.1 TAX AMOUNT? User: Enter Tax Amount for commercial cards. Only prompted if
\$0.00 enabled by bin range or global tax enable. If tax entered, go to
4.3.
Term: Skip if prompt for Tax disabled.
- 4.2 TAX EXEMPT? User: Select Yes if tax exempt or not a purchase card.
- 
- 4.3 ENTER CLERK ID User: Key in 2 digit clerk ID or hit enter to BYPASS.
Term: Skip if CLERK ID parameter = NO.

4.3A	RETAIL TERMS	User: Key retail terms. 0-4 numeric only. Just hit ENTER to bypass Term: Only prompt if retail terms flag set in Card Ranges for Card Type. This is for private label cards.		
4.4A	RECURRING ORDER? <table border="1" style="margin-left: 20px;"><tr><td style="padding: 2px;">Yes</td><td style="padding: 2px;">No</td></tr></table>	Yes	No	User: Select Yes if it is a recurring order. Term: Only prompt if Recurring is enabled. Go to 4.5 if YES is selected. Else go to 4.4B
Yes	No			
4.4B	PHONE ORDER? <table border="1" style="margin-left: 20px;"><tr><td style="padding: 2px;">Yes</td><td style="padding: 2px;">No</td></tr></table>	Yes	No	User: Select YES for phone Orders. Term: Only prompt if Phone Order is enabled. Go to 4.5 if YES selected
Yes	No			
4.4C	CARD PRESENT? <table border="1" style="margin-left: 20px;"><tr><td style="padding: 2px;">Yes</td><td style="padding: 2px;">No</td></tr></table>	Yes	No	User: Select YES if Card Present.
Yes	No			
4.5	ENTER DESC CODE	User: Key Descriptor Code or just hit enter to BYPASS. Term: Only prompt if enabled in card Range Table.		
4.6	INVOICE NUMBER	User: Key invoice number or hit enter to bypass. Term: Skip Invoice Number Parameter = NO.		
4.7	ENTER ORDER NUMBER	User: Key order number or hit enter to bypass. Term: Only Prompt for Direct marketing/ Phone Order.		
4.8	CUSTOMER CODE	User: Key customer code or just enter to bypass. Term: Only prompt if enabled in card ranges.		
4.9	PURCHASE ID	User: Key purchase ID or just ENTER to bypass. Term: Only prompt if enabled in card ranges.		
5.0	ENTER ADDRESS	User: Key customer's home address or just enter to bypass Term: Only Prompt if AVS enabled, Manual Transaction, and Phone Order.		
5.1	ENTER ZIP CODE	User: Key AVS zip code or ENTER to BYPASS. Term: Only prompt if AVS is enabled in card range table or if global AVS parameter = YES.		
6.0	<see section 6.1 for displays>	User: No action required. Term: Create the request packet using the entered data, dial the host, send the request, then wait for the host response.		
6.1	<host response>	User: No action required. Term: If the response is an approval, capture the transaction data. Beep and display the host response go to 7.0		
7.0	<print merchant receipt>	User: No Action Term: Print Merchant Receipt if print receipts enabled.		
8.0	PRINT CUSTOMER RECEIPT <table border="1" style="margin-left: 20px;"><tr><td style="padding: 2px;">Yes</td><td style="padding: 2px;">No</td></tr></table>	Yes	No	User: Tear off merchant receipt and select yes to print customer copy Term: Print customer receipts and store trans in batch.
Yes	No			

5.2 Credit Refund Authorization

A Credit Refund Authorization transaction processes a refund of a previous purchase. The terminal does not dial the host for credit refunds

- 1.0 Press the Credit Button to start a Credit Refund

INSERT CHECK
OR SWIPE CARD



- 1.1 Select Refund.



- 1.2 ENTER PASSWORD

This step will only occur if password protection for refunds is turned ON.

User: Enter the terminal password. Then press [ENTER]

Term: If an invalid password is entered, beep and return to step 1.2.

Format: 766130 (Default User Password).

- 2.0 ENTER ACCT #

User: Swipe a card or key in the card number.

Format: 19 maximum.

Term: Save the account data. For a swiped card, skip Step 3.5

- 3.0 EXPIRE DATE MMY

User: Enter the expiration date.

Format: MMY

Term: Validate the expiration date against the system date.

- 3.5 LAST 4 DIGITS?

User: Key last 4 digits or account # from card face.

Term: Only prompt if Fraud Enabled and card swiped. If data matches, go to 3.6

- 3.6 ACCOUNT NUM?
XXXXXXXXXXXX

User: Hit yes if account number on screen matches that on card face.

Term: Only prompt if enabled in fraud parameter.



- 4.0 REFUND AMOUNT?
\$0.00

User: Enter the amount.

Format: 8 maximum.

- 4.1 TAX AMOUNT?

User: Enter the amount.

\$0.00

Format: 8 maximum.

4.2 ENTER CLERK ID

User: Key in 2 digit clerk ID or hit enter to BYPASS.

Term: Skip if CLERK ID parameter = NO.

4.3 RETAIL TERMS

User: Key retail terms. 0-4 numeric only. Just hit ENTER to bypass

Term: Only prompt if retail terms flag set in Card Ranges for Card Type. This is for private label cards.

4.4 ENTER DESC CODE

User: Key Descriptor Code or just hit enter to BYPASS.

Term: Only prompt if enabled in card Range Table.

4.5 INVOICE NUMBER

User: Key invoice number or hit enter to bypass.

Term: Skip Invoice Number Parameter = NO.

Term: Go to Step 5.0

5.0 REFUND OK
PRINTING RECEIPT

User: No Action

Term: Save Transaction Data and print Receipt.

6.0 PRINT
CUSTOMER RECEIPT

User: Select YES to print customer receipt.

Yes	No
-----	----

Format: 2-6 digits.

- 4.4 ENTER CLERK ID
Term: Display Current Month/Day/Year as Default.
User: Key in 2 digit clerk ID or hit enter to BYPASS.
Term: Skip if CLERK ID parameter = NO.
- 4.5 RETAIL TERMS
User: Key retail terms. 0-4 numeric only. Just hit ENTER to bypass
Term: Only prompt if retail terms flag set in Card Ranges for Card Type. This is for private label cards.
- 4.6 ENTER DESC CODE
User: Key Descriptor Code or just hit enter to BYPASS.
Term: Only prompt if enabled in card Range Table.
- 4.7 INVOICE NUMBER
User: Key invoice number or hit enter to bypass.
Term: Skip Invoice Number Parameter = NO.
- 4.9 CUSTOMER CODE
User: Key customer code or just enter to bypass.
Term: Only prompt if enabled in card ranges and not a phone order/direct marketing transaction.
- 5.0 PURCHASE ID
User: Key purchase ID or just ENTER to bypass.
- 5.1 TKT Only OK
PRINTING RECEIPT
User: No Action
Term: Print receipt if enabled and save transaction data.
- 6.0 PRINT
CUSTOMER RECEIPT
User: Select YES to print customer receipt.

Yes	No
-----	----

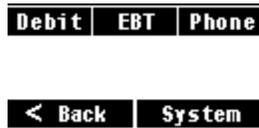
5.4 Debit Sale Authorization

The Debit Sale transaction will call the Host to determine authorization. A receipt must always be printed with a Debit Transaction. Manual entry of card data is not allowed. **Pin Pad** should be connected to Serial 3. P1000 or P2000 supported using master session. Master Key placed on key 8 .

- 1.0 Press the Other Button to get to Debit Transaction.



- 1.1 Press the Debit Button. If Debit is enabled go to step 1.3. Else error Beep. and display Debit not Enabled.



- 1.2 Press the DEBIT SALE button.



Term: Check to see if pin pad is functional.
If pin pad OK, go to step 1.3 If pin pad not connected or does not return proper status, go to step 1.3

- 1.3 PIN PAD NOT RESPONDING

User: Hit the clear key to return to idle. Check **pin pad** cable ,connection, etc.

Term: Beep and display error message. Keep checking for **pin pad**. Beep every 1.5 seconds until user hits clear key. Then return to idle prompt.

- 1.4

User: No action.

Term: Verify that master key 8 is loaded. If master key is okay, proceed to step 1.6. If master key not found, proceed to step 1.6

- 1.5 MASTER KEY NOT LOADED

User: Hit the clear key. Call CES.

Term: Beep and display error message. Wait for user to hit the clear key and then return to IDLE.

- 1.6

User: No action.

Term: Verify that working key is loaded. If working key is okay, proceed to step 2.0. If working key not found, proceed to step 1.7

- 1.7 WORKING KEY NOT FOUND

User: Hit the clear key. Load working key.

Term: Beep and display error message. Wait for user to hit the clear key and return to the idle prompt.

- 2.0 DEBIT SALE

User: If P1000 used, clerk should swipe card on NG

	SWIPE DEBIT CARD		If P2000 used, clerk should swipe card on NG or customer may swipe card on the P2000.
		Term:	Arm the appropriate MSR's. if P2000 is used, display swipe card message on the pin pad. If MSR read fails, go to step 2.1. If read is OK, go to step 2.3.
2.1	DEBIT SALE RESWIPE CARD	User:	Reswipe the Debit card. Manual Entry is not allowed
		Term:	Beep and display error message. If read fails, repeat step 2.1. If card was swiped on P201, P201 will display PLEASE TRY AGAIN and NG prompt will remain at step 2.0. If read is okay, proceed to step 2.3.
2.3		User:	No action.
		Term:	Determine if cash back is allowed. If yes, go to step 2.5. If no, go to step 2.4.
2.4	DEBIT SALE AMT? \$0.00	User:	Enter purchase amount on the terminal. Max enter = \$999999.99
		Term:	Get entry and go to step 3.2.
2.5	PURCHASE AMOUNT? \$0.00	User:	Enter purchase amount on the Terminal. Max entry = \$999999.99 Min = \$0.00
		Term:	Get entry and go to step 2.6.
2.6	CASHBACK AMOUNT \$999999.99	User:	Enter the amount of cash to be received back.
		Term:	Check to make sure amount is within min/max cash back allowed. If > max, go to step 2.7. If < min, go to step 2.8 If OK, go to step 3.0 Cash back plus purchase amount = total amount and total must not exceed \$999999.99. If total is greater than 999999.99, go to step 2.9.
2.7	INVALID AMOUNT EXCEEDS MAX	User:	No action. Cash back above max.
		Term:	Beep and return to step 2.6
2.8	INVALID AMOUNT BELOW MIN	User:	No action. Cash Back below min.
		Term:	Beep and return to step 2.6
2.9	INVALID AMOUNT EXCEED MAX TOTAL	User:	No action. Purchase+CashBack > \$999999.99
		Term:	Beep and return to step 2.5
3.0		User:	No action.
		Term:	See if verification prompt is ON. If on go to step 3.1. IF off, go to step 3.2.
3.1	IS \$999999.99 OK YES NO	User:	Hit the YES key if the total amount is correct. Hit the NO key if there is an error.
		Term:	Go to 3.2 if the YES key is pressed. Go to step 2.3 if the NO key is pressed.

3.2	WAITING FOR PIN ENTRY	<p>User: Enter PIN on pin pad.</p> <p>Term: Send Total Amount and ENTER PIN to pin pad display. Capture pin and generate pin block. Return pin pad to idle prompt. Go to step 3.3</p>
3.3	ENTER CLERK ID	<p>User: Key in 2 digit clerk ID or hit enter to BYPASS.</p> <p>Term: Skip if CLERK ID parameter = NO.</p>
3.4	INVOICE NUMBER	<p>User: Key invoice number or hit enter to bypass.</p> <p>Term: Skip Invoice Number Parameter = NO.</p>
4.0	COMMUNICATION PROMPTS	<p>User: No action</p> <p>Term: Dial host. If primary number does not connect, dial secondary number. OFF-LINE APPROVALS are NOT ALLOWED for debit. If the Host does answer but there are errors and the transaction does not complete, the terminal then must perform a Debit reversal. Or else go to step 5.0.</p>
5.0	HOST RESPONSE	<p>User: No Action.</p> <p>Term: Display host response message. If transaction is approved, print receipt and store trans data. Leave response displayed but return control to main idle loop.</p>

5.5 Debit Refund Authorization

The host determines the authorization for Debit Transactions. If approved, the transaction data will be captured by the terminal.

- 1.0 Press the Other Button to get to Debit Transaction.



- 1.1 Press the Debit Button. If Debit is enabled go to step 1.2. **or else** error Beep and display Debit not Enabled.



- 1.2 Hit the REFUND button.



- 1.5 ENTER PASSWORD

This step will only occur if password protection for refunds is turned ON.

User: Enter the terminal password. Then press [ENTER]

Term: If an invalid password is entered, beep and return to step 1.5.

Format: 766130 (UserPassword).

- 2.0

User: No action.

Term: Check to see if pin pad is functional.
If pin pad OK, go to step 2.2 If pin pad not connected or does not return proper status, go to step 2.1

- 2.1 PIN PAD NOT RESPONDING

User: Hit the clear key to return to idle. Check pinpad cable, connection, etc.

Term: Beep and display error message. Keep checking for pin pad. Beep every 1.5 seconds until user hits clear key. Then return to idle prompt.

- 2.2 IDLE PROMPT

User: No action.

Term: Verify that master key 8 is loaded. If master key is okay, proceed to step 2.4. If master key not found, proceed to step 2.3.

- 2.3 MASTER KEY NOT LOADED

User: Hit the clear key. Call CES

Term: Beep and display error message. Wait for user to hit the clear key and then return to IDLE.

2.4		User: No action.
		Term: Verify that working key is loaded. If working key is okay, proceed to step 3.0. If working key not found, go to step 2.5.
2.5	WORKING KEY NOT FOUND	User: Hit the clear key. Load working key.
		Term: Beep and display error message. Wait for user to hit the clear key and return to the idle prompt.
3.0	DEBIT REFUND SWIPE DEBIT CARD	User: If P1000 used, clerk should swipe card on NG. If P2000 used, clerk should swipe card on NG or customer may swipe card on the P2000.
		Term: Arm the appropriate MSR. If P2000 is used, display swipe card message on the pin pad. If MSR read fails, go to step 3.1. If read is OK, go to step 3.2.
3.1	DEBIT REFUND RESWIPE CARD	User: Reswipe the Debit card.
		Term: Beep and display error message. If read fails, repeat step 3.1. If the read is okay, proceed to step 3.2.
3.2	DEBIT REFUND AMT \$0.00	User: Enter return amount on the terminal. Max enter = \$999999.99
		Term: Get entry and go to step 3.3.
3.3	WAITING FOR PIN ENTRY	User: Enter PIN on Pin Pad.
		Term: Send ENTER PIN NUMBER to pin pad display. Capture pin and generate pin block. Return Pin Pad to idle prompt. Go to step 3.3
3.3	ENTER CLERK ID	User: Key in 2 digit clerk ID or hit enter to BYPASS.
		Term: Skip if CLERK ID parameter = NO.
3.4	INVOICE NUMBER	User: Key invoice number or hit enter to bypass.
		Term: Skip Invoice Number Parameter = NO.
4.0	COMMUNICATION PROMPTS	User: No action
		Term: Dial host. If primary number does not connect, dial secondary number. NG Must perform a Debit Reversal if an errors occurs after the Host Answers and the transaction does not complete. Else go to step 5.0.
5.0	HOST RESPONSE	User: No Action.
		Term: Display host response message. If transaction is approved print receipt and store transaction data. Leave response displayed but return control to main idle loop.

5.6 Credit Auth Only

A Credit Auth Only transaction is for a merchant who wants to perform an auth only. The host will determine authorization and if approved, a receipt will be printed but the transaction will not be stored in the batch.

1.0 Press the Credit Key to start an Auth



1.2 Press the MORE button for a credit sale.



2.0 Press the AUTH button.



- | | | |
|-----|------------------------------|---|
| 3.0 | ENTER ACCT # | User: Key the account number 13-19 digits.
Term: Save the account data. Go to 3.5 if card swiped. |
| 3.1 | EXPIRE DATE MMY | User: Enter the expiration date and press [ENTER]
Format MMY. Go to 4.0

Term: Validate the expiration date against the system date. |
| 3.5 | LAST 4 DIGITS? | User: Key last 4 digits or account # from card face.

Term: Only prompt if Fraud Enabled and card swiped.
If data matches, go to 3.6 |
| 3.6 | ACCOUNT NUM?
XXXXXXXXXXXX | User: Hit yes if account number on screen matches that on card face.
Term: Only prompt if enabled in fraud parameter. |
| | <p>Yes No</p> | |
| 4.0 | AUTH AMOUNT?
\$0.00 | User: Enter the amount in dollar and cents. Then press the [ENTER] key.
Format: 8 characters maximum. |
| 4.1 | TAX AMOUNT?
\$0.00 | User: Enter Tax Amount or hit enter to skip.

Term: Skip if prompt for Tax disabled. If tax entered, skip 4.1 |
| 4.2 | RECURRING ORDER? | User: Select YES if it is a recurring order. |

Yes	No
------------	-----------

Term: Only prompt if Recurring is enabled. Go to 4.5 if YES is selected. Else go to 4.3 ACI='R' and MOTO = '2' if YES selected.

4.3 PHONE ORDER?

Yes	No
------------	-----------

User: Select YES for phone Orders.

Term: Only prompt if Phone Order is enabled. Go to 4.5 if YES selected

4.4 CARD PRESENT?

Yes	No
------------	-----------

User: Select YES if Card Present.

4.5 ENTER ORDER NUMBER

User: Key order number or hit enter to bypass.

Term: Only Prompt for Direct marketing/ Phone Order.

4.6 CUSTOMER CODE

User: Key customer code or just enter to bypass.

Term: Only prompt if enabled in card ranges.

4.7 PURCHASE ID

User: Key purchase ID or just ENTER to bypass.

Term: Only prompt if enabled in card ranges.

4.8 ENTER ADDRESS

User: Key customer's home address or just enter to bypass

Term: Only Prompt if AVS enabled, Manual Transaction, and card not present (Phone Order etc).

4.9 ENTER ZIP CODE

User: Key AVS zip code or ENTER to BYPASS.

Term: Only prompt if AVS is enabled in card range table or if global AVS parameter = YES.

5.0 <see section 6.1 for displays>

User: No action required.

Term: Create the request packet using the entered data, dial the host, send the request, then wait for the host response.

6.0 <host response>

User: No action required.

Term: If the response is an approval, capture the transaction data. Beep and display the host response and go to 9.0

7.0 <print merchant receipt>

User: No Action.

Term: Print Merchant Receipt if print receipts enabled.

8.0 PRINT CUSTOMER RECEIPT

Yes	No
------------	-----------

User: Tear off merchant receipt and select yes to print customer copy.

Term: Print customer receipts and store trans in batch.

6.0 Manual and Quick Closes

The Close transaction is an end-of-the-day close out of the terminal to settle with the host. To perform a Manual-Close, the user has to select the CLOSE key, confirms that he wants to close, enters the amount, and presses the ENTER key. To perform a Quick Close, the user selects the CLOSE key and confirms that he wants to close (entering of amount is not required). The Sale, Refund and Force keys become inoperable until the Close procedure has completed.

- 1.0 Press the CREDIT Button to start a Close transaction.



- 1.1 Press the MORE Button.



- 1.1 Press the CLOSE button.



- 2.0 CONFIRM CLOSE
YES NO

User: Press the YES key to continue the CLOSE routine. Press the NO key to return to idle.

Term: If the YES key was pressed, then skip to step 6 if quick close is on. **Or else** continue at next step. If NO or any other key was pressed, return to **IDLE prompt**.

- 3.0 BATCH TOTAL AMT

User: Enter the net credit card total amount for day and \$0.00 press the [ENTER] key.

Note - If the total of all valid sales is a negative amount, enter '-' before entering the dollar amount.

Term: Compare the entered value to the stored totals. If they equal then proceed to next step. Create the closing request packet. Skip if Auto Insert Parameter = YES.

- 6.0 <see section 6.1
for displays>

User: No action required.

Term: Dial the Host, send the request, then wait for the Host response.

- 7.0 CLOSE OK
CLOSE 999999
XXXXXXXXXX

User: No action required.

Term: Display host Response. If OK, print reports, clear batch, and clear close flag.

NOTE - XXXXXXXX = BATCH ID returned from host

6.1 Auto-Close

The Close transaction is an end-of-the-day close out of the terminal to settle with the host. An Auto-Close is invoked automatically by the terminal at a pre-set time stored in the terminal (no user interaction is required). The **terminal** will not dial the host if the Batch is empty. It will print and display a message indicating that the autoclose did not occur because the batch was empty.

- | | | |
|-----|-------------------------------------|--|
| 1.0 | Idle Prompt
(or)
Last message | Term: It's time to perform an Auto-Close.
This means that the Auto-Close time
and the terminal's system time equal. |
| | | Term: Lock the keyboard from user interaction.
Proceed to next step to perform Auto-Close. |
| 2.0 | | Term: Create the credit/debit closing request packet. |
| 3.0 | <see section 6.1
for displays> | Term: Dial the Host, send the request,
then wait for the Host response.
Close okay, go to step 5.0, else go to step 6.0. |
| 5.0 | CLOSE 999999
XXXXXXXXXXXXXX | Term: Print all reports flagged to be auto-printed.
Clear out the batch. |
| 6.0 | CLOSE ATTEMPT #X | Term: 'X' equals the Auto-Close attempt
number waiting to be performed. Terminal will
display this prompt any time a transaction is
attempted. After 10 minutes, the terminal
will proceed to initiate another Close transaction by
skipping back to step 1.0.

After 4 failed close attempts, go to step 7.0 |
| 7.0 | PRINTING... | Term: Print the following message.

"AUTOCLOSE FAILED/CLOSE MANUALLY"
"<DAY, DATE, TIME>" |
| 8.0 | AUTOCLOSE FAILED
CLOSE MANUALLY | Term: Press the CLEAR key to return
to IDLE prompt. |

NOTE 1 - All allowed Auto-Close attempts have failed. The terminal's batch has not been closed. The **SALE** and **REFUND** keys are inoperable. The **terminal's** batch must be closed manually.

7.0 Delete Batch

If the terminal's credit card batch cannot be brought into balance and central personnel cannot rectify the situation, the batch can be deleted. Do this only as directed by CES personnel.

- 1.0 Press the Credit Button to start Delete Credit Batch transaction.



- 1.1 Press the MORE Button to get to more trans types.



- 1.2 Press the MORE Button.



- 1.3 Press the SETUP Button.



- 1.4 Press the DELETE BATCH Button.



- | | | | |
|-----|------------------------|-------|--|
| 2.0 | ENTER PASSWORD | User: | Key special user password. (Terminal Date Ex: 05201999) |
| 4.2 | DELETE BATCH
YES NO | User: | Hit YES to clear Batch. |
| 4.3 | BATCH DELETED | Term | Clear out all transactions stored in the terminal's batch. |

8.0 DISPLAY TOTALS

This function is for viewing the transaction net totals, transaction totals by card type, or detail transaction records stored in the terminal. The detail report allows the user to void or correct an incorrect transaction.

8.1 Display Totals - NET Trans Totals

This routine provides viewing of the transaction net totals in the terminal. The net totals include both Credit and Debit **transactions**. This display may be printed by hitting the function key.

- 1.0 Press the CREDIT Button to start credit totals.



- 1.1 Press the MORE Button to get to more transaction types.



- 1.2 Press the **REPORT** Button.



- 2.0 Press the **VIEW TOTALS** Button to view net totals.



- 3.0 CREDIT TOTALS

SALE	999	\$9.99	Total number of sales and amount.
REFND	999	\$9.99	Total number of refunds and amount.
TOTAL	999	\$9.99	Total of all trans and net total amount.

8.2 Display Totals - Totals by Credit Card Type

This function lets the operator view totals by transaction card type. The net dollar amount and number of transactions will be displayed for each enabled card type. Refunds are subtracted, and voids will be voided. Voids are not included in the transaction count.

- 1.0 Press the CREDIT Button to start credit card totals.



- 1.1 Press the MORE Button to get to more transaction types.



- 1.2 Press the REPORT Button.



- 2.0 Press the VIEW CARDS Button.



- 3.0 CARD TOTALS

VISA	999	\$9.99
MSTR	999	\$9.99
AMEX	999	\$9.99
DINER	999	\$9.99
NOVUS	999	\$9.99
FDR	999	\$9.99
DEBIT	999	\$9.99

Card Names taken from parameter file.
Order determined by card range tables.
Only first seven can be displayed.

8.3 Display Totals - Credit Financial Data Detail

This function displays the financial data for each captured transaction in the terminal. The transactions viewed can be qualified by specifying a starting transaction number. If no criteria is given, every first transaction will be presented for review.

- 1.0 Press the CREDIT Button to start credit details.



- 1.1 Press the MORE Button to get to more transaction types.



- 1.2 Press the REPORT Button



- 2.0 Press the VIEW DETAIL Button.



- 3.0 ENTER TRANS #

User: Enter the starting transaction number and then press the [ENTER] key or just press the [ENTER] key to start with the first transaction.

Term: Save the transaction number entered or 001 if the [ENTER] key was pressed.

4.0 VISA SALE 999
Total Amt \$9.99
Auth Code XXXXXX
999999999999999999

Card type, Trans Type, Trans #.
Trans Amount
Host generated Auth Code
Card Number



To VOID or CORRECT this transaction press the [EDIT] key or press EDIT button on screen. (See 8.4)

Press [CLEAR] to return to idle.
Press [ENTER] to view additional data.

Press the Arrow buttons to scroll to next transaction.

8.4 Credit Void and Corrections

Start this transaction by pressing the [EDIT] key while displaying Terminal Transaction Details (8.3). Also express edit by hitting the EDIT button on the keypad at the idle prompt. This will take you to the last transaction stored in the batch.

The Void function cancels, or corrects, previous transactions in error. Only transactions in the current terminal batch can be voided. Only the transaction amount can be changed. Debit Transactions can not be voided or corrected.

Step	Display	Action
1.0	EDIT TRANS ChgAmt Void	User: Select Change amount to edit trans amount .go to 3.0 Select void to void trans go to 4.0.
2.0	ENTER NEW AMOUNT \$0.00	User: Enter the new amount and press the [ENTER] key if performing a Correction or just press the [ENTER] key to do a Void. Format: 8 maximum. Term: Save the transaction amount. If the [ENTER] key was pressed without the amount being entered, skip to Step 4.0.
3.0	CORRECTION OK	User: No Action Required Term: Beep and Display response and return to details.
4.0	ENTER PASSWORD	User: Enter the system password. This step will only take place if void password protection parameter = 1.
5.0	VOID OK	User: No action required. Term: Beep and display response and return to details

9.0 Reprint

The Reprint transaction routine lets the merchant reprint a receipt for any transaction stored in the batch.

- 1.0 Press the **CREDIT** Button.

INSERT CHECK
OR SWIPE CARD



- 1.1 Press the MORE button to get to more transaction types.



- 1.2 Press the MORE Button



- 3.0 Press the REPRNT Button.



- 4.0 ENTER TRANS #

User: Hit transaction number to print or just hit ENTER to reprint the last transaction.

- 5.0 REPRINTING
PRINTING RECEIPT

- 6.0 PRINT
CUSTOMER RECEIPT

User: Hit YES if a receipt is need for the customer.



10.1 - Debit Card Sale Receipt

REPRINT
 DATE 9999999999 TIME
 99/99/99 999999 99:99

(On reprints only)
 (Merchant ID.)
 (Terminal ID.)

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

(Custom header information, optional
 from parameters. Data is self-centered)

DEBIT SALE (transaction type)

TRAN # 999
 AUTH XXXXXX
 CLERK ID 99
 INVOICE # 88888888
 ACI X
 TRANSID 9999999999999999
 ACCOUNT TYPE: CHECKING

DEBIT ACCOUNT # EXP DATE
 9999 9999

PURCHASE AMOUNT	\$999999.99	(For CashBack Only)
CASH BACK AMOUNT	\$999999.99	(For CashBack Only)

TOTAL SALE AMOUNT	\$999999.99	

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAA

(Custom phrase, optional.)
 (Custom phrase, optional.)

MERCHANT COPY
 or
 CUSTOMER COPY

10.3 - Credit/Debit Card Refund Receipt

REPRINT
DATE 9999999999 TIME
99/99/99 999999 99:99

(On reprints only)
(Merchant ID.)
(Terminal ID.)

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

(Custom header information, optional
from parameters. Data is self-centered.)

CREDIT REFUND

(transaction type)

TRAN # 9999
AUTH XXXXXX
CLERK ID 99
DESC CODE 123456
INVOICE # 88888888

ACCOUNT TYPE:CHECKING

(for debit only)

CardType ACCOUNT # EXP. DATE
999999999999999999 9999

(card type- VISA, MSTR, DEBIT, etc)
(print the last 4 digits of acct # for Debit)

TOTAL REFUND AMOUNT \$999999.99

X _____
SIGNATURE

(Not Present for Debit)

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

(Custom phrase, optional.)
(Custom phrase, optional.)

MERCHANT COPY
or
CUSTOMER COPY

11.0 Print Terminal Reports

The Terminal Report function allows the user to print out the batch totals in various formats.

11.1 Print Report - Net Totals

This function prints the transaction net totals.

- 1.0 Press the CREDIT button to start credit totals.



- 1.1 Press the MORE Button to get to more transaction types.



- 1.2 Press the REPORT Button.



- 2.0 Press the PRINT TOTALS Button to view net totals.



- 3.0 PRINTING
NET TOTALS

11.1A - Terminal Net Totals

DATE 999999999999 TIME
99/99/99 999999 99:99

(Merchant ID)
(Terminal ID)

AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

(Custom header information, optional.)

TERMINAL TOTALS

SALES 999 \$999999.99
REFUNDS 999 \$999999.99

NET TOTALS 999 \$999999.99

(transaction type, transaction
count, transaction amount).

11.2 Print Totals - Totals by Credit Card Type

1.0 Press the CREDIT Button to start credit card totals.



1.1 Press the MORE Button to get to more transaction types.



1.2 Press the REPORT Button.



2.0 Press the PRINT CARDS Button.



3.0 PRINTING
CARD TYPE TOTALS

User: No action required.

Term: Print the Terminal Totals by
Card Type Report.

11.2a - Terminal Totals by Credit Card Type

DATE 999999999999 TIME (Merchant ID)
99/99/99 999999 99:99 (Terminal ID)

AAAAAAAAAAAAAAAAAAAAAAAAAAAA (Custom header information is optional.)
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

CARD TYPE TOTALS

VISA	999	\$999999.99	(Card type, card count, card amount.)
MSTR	999	\$999999.99	
AMEX	999	\$999999.99	
DINER	999	\$999999.99	
NOVUS	999	\$999999.99	
FDR	999	\$999999.99	
DEBIT	999	\$999999.99	

11.3 Print Totals - Credit Financial Data Detail

This function prints a transaction detail listing according to the criteria specified by the operator.

1.0 Press the CREDIT button to start credit details.



1.1 Press the MORE Button to get to more transaction types.



1.2 Press the REPORT Button.



2.0 Press the PRINT DETAIL Button.



3.0 ENTER TRANS #

User: Enter the desired starting transaction number, and press the [ENTER] key or just press the [ENTER] key to start at the beginning.

Term: Save the transaction number entered or 001 if just the [ENTER] key was pressed.

4.0 PRINTING
TRANS DETAIL

User: No action required.

Term: Print the Terminal Detail.

11.3a- Print Terminal Report - Credit Detail

Roll Printer format

DATE 999999999999 TIME (Merchant ID)
99/99/99 999999 99:99 (Terminal ID)

AAAAAAAAAAAAAAAAAAAAAAAAAAAA (Custom header information is optional.)
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA

TRANSACTION DETAILS

TRN TT CT ACCOUNT NUMBER
TOTAL AMOUNT AUTH CODE

=====
999 xx tttt 9999999999999999
999999.99 ccccc

999 xx tttt 9999999999999999
999999.99 ccccc

=====

Where 999 = transaction number
xx = transaction type
tttt = card type
999999999999999999 = account number
999999.99 = transaction amount
ccccc = approval code

12.0 Cancel Auto Close Sequence

If the terminal is not able to settle a batch due to communication errors, the terminal will wait 10 minutes then try again. It will attempt to close the batch 4 times before printing the Auto-Close Fail message. During the Auto-Close sequence, the **SALE** and **REFUND** keys are locked. The merchant can cancel the Auto-Close and resume normal operation by using this function.

- 1.0 Press the **CREDIT** Button.



- 1.1 Press the MORE Button to get to more transaction types.



- 1.2 Press the MORE Button.



- 2.0 Press the CANCEL CLOSE Button.



- 4.0 CREDIT
CLOSE CANCELED

Term: Display message for 2 seconds,
then return to previous screen.

13.0 Eclipse Parameter File Description

Host Access Parameters

Record #	Description	Default	
9000	Primary Host Phone Number	[]	16 characters max
9001	Secondary Host Phone Number	[]	16 characters max
9002	Settlement Phone Number 1	[]	
9003	Settlement Phone Number 2	[]	
9004	Phone Access	[]	6 characters max
9005	Download Phone Number	[]	FDR ZONTALK #
9006	Amex Primary Number	[]	For Split Dailing
9007	Amex Secondary Number	[]	
9008	Dial Type	[1]	1 = Tone 2=Pulse
9009	Host ENQ Wait	[30]	Wait for Host ENQ in Seconds
9010	Host Resp Wait	[30]	Wait for Host Response
9011	Host Answer Wait	[30]	Wait for Host Answer
9012	Host EOT Wait	[5]	Wait for Host EOT

Debit Parameters

Record #	Description	Default	
9400	Pin Pad Type	[1]	1 = P1000 2 = P201
9401	Cash Back Option	[2]	1 = YES 2= NO
9402	Minimum cash back amount	[1.00]	can include decimal and \$ sign
9403	Maximum cash back amount	[200.00]	can include decimal and \$ sign
9404	Verify Total Amount	[1]	1 = YES 2 = NO
9405	Debit Refund Allowed	[1]	1 = YES 2 = NO
9406	Working Key	[]	Last Character = master key location.
9407	Surcharge Amount	[0.00]	

General Parameters

Record #	Description	Default	
9100	Manager Passwrdr	[766130]	
9101	Merchant ID	[]	12-19 characters
9103	Device ID	[0001]	4 characters
9104	AMEX Split Dial	[2]	1= yes 2 = no
9105	Amex Merchant ID	[]	12 characters
9106	AMEX Location	[3]	Where Amex Card type in card range table
9107	Application type	[6]	6 for basic Retail Application
9108	Application Name	[NGCR]	12 characters max for downloads
9109	INSERT Auto Close	[2]	1 = YES 2 = NO
9110	Auto Close Flag	[2]	1 = YES 2 = NO
9111	Auto Close Time	[1130P]	HHMMX where X = A or P
9112	Batch Almost Full Value	[250]	300 max
9113	Batch Full Value	[300]	300 max
9114	Password for Voids	[2]	1 = YES 2 = NO
9115	Password for Returns	[2]	1 = YES 2 = NO
9116	Fraud Control	[0]	0,1,2,3 3= all, 0=none
9117	CLERK ID	[2]	Prompt for Clerk ID 1=yes 2=no

9118	Prompt Invoice Number	[2]	1=yes 2 =no
9119	Prompt Phone Order	[2]	1=yes 2=no
9120	AVS OverRide	[2]	
9121	TAX OverRide	[2]	
9122	Imprint Message	[2]	
9123	Prompt Card Present	[2]	
9124	Prompt Recurring Trans	[2]	

Card Range Table

Record #	Description	Default	
9200	RANGE 1	"405501.405502.01VPC0001111"	
9201	RANGE 2	"415928.415928.01VPC0001111"	
9202	RANGE 3	"424604.424605.01VPC0001111"	
9203	RANGE 4	"427533.427533.01VPC0001111"	
9204	RANGE 5	"428800.428892.01VPC0001111"	
9205	RANGE 6	"443085.443085.01VPC0001111"	
9206	RANGE 7	"471500.471699.01VPC0001111"	
9207	RANGE 8	"400000.499999.01VIS0000110"	
9208	RANGE 9	"540500.540599.02MPC0001111"	
9209	RANGE 10	"500000.599999.02MC 0000010"	
9210	RANGE 11	"340000.349999.03AMX0000010"	
9211	RANGE 12	"370000.379999.03AMX0000010"	
9212	RANGE 13	"300000.389999.04DC 0000010"	
9213	RANGE 14	"601100.601199.05DIS0000010"	
9214	RANGE 15	"000000.099999.06FDR0000110"	
9215	RANGE 16	"000000.000000.07DEB0000000"	For Debit
9235	CARD LABELS	"VISA/MSTR/AMEX/DINER/NOVUS/FDR/DEBIT	

Printer Setup

Record #	Description	Default		
9300	Print Receipts	[1]	1 = YES	2 = NO
9301	Print Force Receipts	[2]	1 = YES	2 = NO
9302	Print Net Totals After Close	[1]	1 = YES	2 = NO
9303	Print Card Type Totals	[1]	1 = YES	2 = NO
9304	Trans Detail Report After close	[1]	1 = YES	2 = NO
9305	Merchant Header Line 1	[]	40 Chars Max	
9306	Merchant Header Line 2	[]		
9307	Merchant Header Line 3	[]		
9308	Merchant Header Line 4	[]		
9309	Merchant Header Line 5	[]		
9310	Merchant Header Line 6	[]		
9311	Merchant Bottom Receipt 1	[]	40 Chars Max	
9312	Merchant Bottom Receipt 2	[]		
9313	Merchant Bottom Receipt 3	[]		
9314	Merchant Bottom Receipt 4	[]		
9315	MESSAGE LINE 1	[]		
9316	MESSAGE LINE 2	[]		
9317	Truncate Merchant ID on Receipt	[2]		