

































































































































































































































































































































































































continued from previous page

Total and count for each % function key (i.e. discounts & coupons)	SALE DISC.	2
		-5.22
	SALE SURCH.	3
		\$3.23
	% 4	0
Net Sales		\$0.00
	% 5	0
		\$0.00
	NET SALE	26
		\$281.18
Credited tax for each tax. (Tax is credited for negative taxable sales, i.e. mdse return transactions.)	CREDIT TAX1	4
		-1.11
	CREDIT TAX2	1
		-0.23
Food stamp change credited to sales	CREDIT TAX3	2
		-0.89
	CREDIT TAX4	1
		-0.39
Total and count for each type of transaction correction.	FD/S CREDIT	0
		\$0.23
	RETURN	33
		-59.73
Gross Sales	ERROR CORR	2
		-4.00
	PREVIOUS VD	1
		-1.50
Totals and counters for CASH and CHECK sales	VOID MODE	-2
		-6.40
	CANCEL	2
		\$16.00
Total and count for each type R/A (received on account) and P/O (paid out) key.	GROSS SALES	\$375.63
	CASH SALES	13
		\$133.49
	CHECK SALES	1
	\$23.05	
	R/A 1	1
		\$145.00
	R/A 2	0
		\$0.00
	R/A 3	0
		\$0.00
	P/O 1	1
		-140.00
	P/O 2	0
		\$0.00
	P/O 3	0
		\$0.00

continued . . .

Total and count of items sold with HASH status.

Count of No Sales.

Total of numbers entered into the non-add key

Total and count of expected CASH, CHECK in drawer

Total and count for each CHARGE in drawer.

Total and count for each CHARGE key.

Total for each Foreign currency in drawer.

continued from previous page

HASH TTL	0
	\$0.00
NOSALE	4
NON ADD #	547
CASH-IN-D	14
	\$269.99
CHECK-IN-D	3
	-108.45
FD/S-IN-D	2
	\$21.00
CHG1-IN-D	0
	\$0.00
CHG2-IN-D	1
	\$8.43
CHG3-IN-D	1
	\$8.52
CHG4-IN-D	2
	-1.60
CHG5-IN-D	1
	\$2.67
CHG6-IN-D	2
	\$13.09
CHG7-IN-D	0
	\$0.00
CHG8-IN-D	1
	\$0.00
CHG1 SALES	0
	\$0.00
CHG2 SALES	1
	\$8.43
CHG3 SALES	1
	\$8.52
CHG4 SALES	2
	-1.60
CHG5 SALES	1
	\$2.67
CHG6 SALES	2
	\$13.09
CHG7 SALES	0
	\$0.00
CHG8 SALES	1
	\$3.04
FOREIGN 1	0.00
FOREIGN 2	0.00
FOREIGN 3	0.00
FOREIGN 4	0.00

continued . . .

Total of CASH, CHECKS and CHARGES in drawer.

Total and count for PROMO, WASTE and TIPS.

Number of transactions and total activity in Training Mode

Total and count of all balances serviced

Total number of guests served

Total and count of balances entered into PBAL key

Total and count of balances paid

Total and count of items serviced

Total and count of mix & match disc.

Total and count of payments to house accounts

Total of open check (from open check report.) Will not reset with financial Z report.

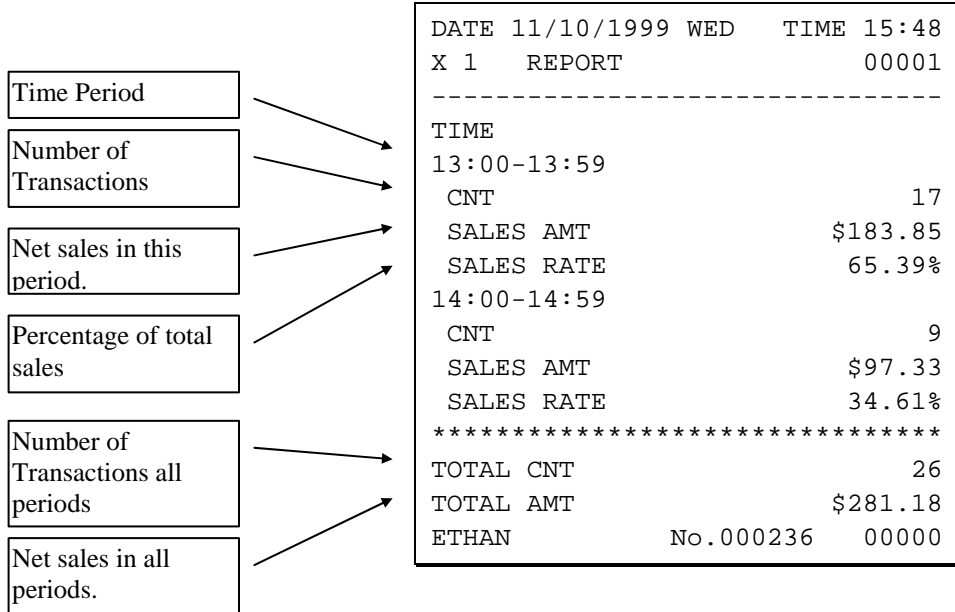
Average number if items per customer, and average dollar sales per customer

Grand total

continued from previous page

DRWR TTL	\$216.69
PROMO	1
	\$1.50
WASTE	8
	\$12.50
TIPS	0
	\$0.00
TRAIN TTL	5
	\$62.59
BAL FORWARD	4
	\$88.13
GUESTS	5
P/BAL	4
	\$0.00
CHECKS PAID	2
	\$18.64
SERVICE	4
	\$88.13
MIX&MATCH	0
	\$0.00
PAYMENT	0
	\$0.00
OPEN CHK TTL	0
	\$0.00
AVG ITEM/CUST	7.29
AVG \$/CUST	\$10.81
*****	
GRAND	\$375.63
ETHAN	No.000209 00000

# Time



# PLU

- PLU number
- PLU Descriptor
- Count and sales total.
- Percentage of total sales (optional)

```

DATE 11/10/1999 WED    TIME 15:33
X 1  REPORT              00001
-----
ALL PLU
PLU#1
HAMBURGER
  CNT 28                  $42.00
  SALES RATE              15.64%
PLU#2
DBL BURGER
  CNT 40                  $99.75
  SALES RATE              37.14%
PLU#4
COKE
  CNT 26                  $38.85
  SALES RATE              14.46%
PLU#5
SPRITE
  CNT 18                  $13.42
  SALES RATE               5.00%
PLU#7
ROAST
  CNT 19.16              $30.47
  SALES RATE              11.34%
PLU#28
UNLEADED
  CNT 32.85              $39.39
  SALES RATE              14.66%
PLU#29
RETURNS
  CNT 10                  -20.00
  SALES RATE              -7.44%
PLU#33
NAILS
  CNT 15.55              $24.72
  SALES RATE               9.20%
*****
TOTAL CNT                189.56
TOTAL AMT                 $268.60
ETHAN                     No.000213  00000
  
```

- Total activity for all PLUs
- Total sales for all PLUs.



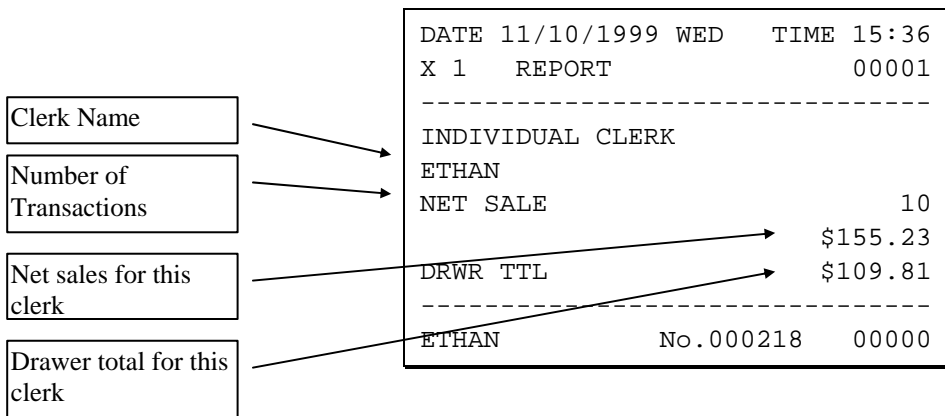
# Clerk

**Note: Media totals can be printed for each clerk, if selected in System Option Programming.**

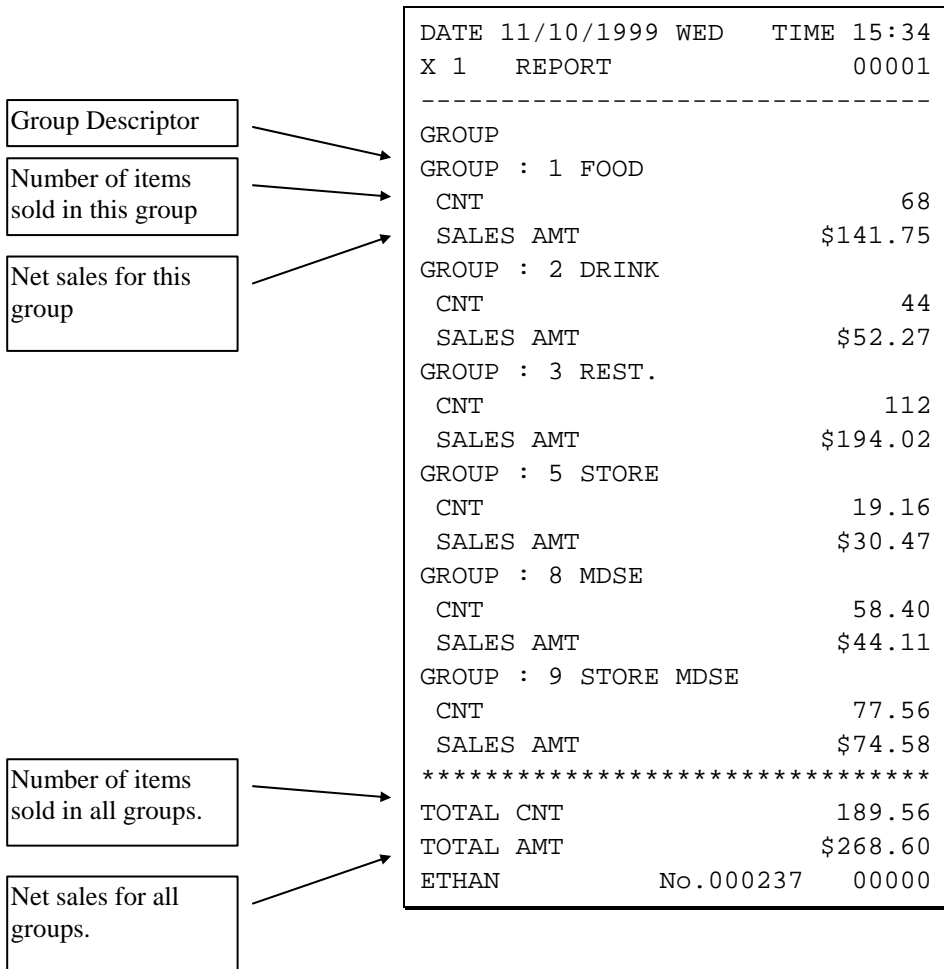
Clerk Name	→	DATE 11/10/1999 WED	TIME 15:36
Number of Transactions	→	X 1 REPORT	00001
Net sales for this clerk	→	-----	
Drawer total for this clerk	→	ALL CLERK	
		ETHAN	
		NET SALE	10
			\$155.23
		DRWR TTL	\$109.81
		-----	
		ZACH	
		NET SALE	5
			\$45.14
		DRWR TTL	\$43.22
		-----	
		ANNA	
		NET SALE	4
			\$78.75
		DRWR TTL	\$67.03
		-----	
		LAURA	
		NET SALE	2
			\$0.00
		DRWR TTL	\$18.64
		-----	
		PEGGY	
		-----	
		MOLLY	
		NET SALE	5
			\$2.06
		DRWR TTL	-22.01
		-----	
		ETHAN	No.000218 00000

---

## Individual Clerk



# Groups



# Stock

PLU number

PLU Descriptor

Current Stock count

```
DATE 11/10/1999 WED    TIME 15:47
X 1  REPORT              00001
-----
ALL PLU STOCK
PLU#1
HAMBURGER
  CNT                      26
PLU#2
DBL BURGER
  CNT                      15
PLU#7
ROAST
  CNT                      25.96
PLU#28
UNLEADED
  CNT                    1488.47
PLU#33
NAILS
  CNT                      161.25
ETHAN          No.000228    00000
DATE 11/10/1999 WED    TIME 15:47
```

# Open Check

Open check number and balance.

Clerk responsible for the check.

Total of all open checks.

DATE	11/10/1999 WED	TIME	15:59
X 1	REPORT		00001
-----			
OPEN CHECK			
CHECK :	3		\$24.07
MOLLY			
CHECK :	4		\$45.42
ETHAN			
CHECK :	5		\$24.50
ETHAN			
CHECK :	6		\$28.33
ETHAN			
*****			
OPEN CHK TOTAL			122.32
ETHAN	No.000243		00000

## Balancing Formulas

<b>+/-</b>	<b>Net Sales</b>	<b>\$ Example</b>
=	PLU Sales Total	\$
+	Tax 1	\$
+	Tax 2	\$
+	Tax 3	\$
+	Tax 4	\$
+	Sale Coupon Amounts	\$
+	Sale Percent Discounts	\$
+	Sale Surcharge Amounts	\$
=	Net Sales	\$

<b>+/-</b>	<b>Gross Sales</b>	<b>\$ Example</b>
=	Net Sales	\$
+	Negative PLU Total	\$
+	Item Coupon Total	\$
+	Item Percent Discount	\$
+	Sale Coupon Amounts	\$
+	Sale Percent Discounts	\$
+	Credit Tax 1	\$
+	Credit Tax 2	\$
+	Credit Tax 3	\$
+	Credit Tax 4	\$
+	Merchandise Return	\$
+	Void Position Total	\$
+	Mix \$ Match	\$
=	Gross Sales	\$

# Integrated Payment Appendix

---

## One Day Example of Credit Authorization

### Open Batch

NOTE: To present things in a logical order, OPEN BATCH is shown at the *beginning* of the day, but in practical day-to-day operation it is recommended to open a new batch *right after* closing today's batch, so it is ready to go for the next day.

1. Turn the control lock to the **Z** position.
2. Enter **501**, press **SBTL**.
3. The message "WAITING RESP." displays momentarily, then the message "REPORT MODE" returns. No printing occurs.

## Sample Transaction

1. Register a normal transaction. Press the appropriate **CHARGE** key. The message ‘SLIDE CARD’ displays:
2. Swipe the card. The message “SLIDE CARD.” continues to displays until the card verification is complete.
3. When verification is complete, the draft is printed.

---

**Note: If multiple documents are to be printed, the message “CLEAR / CASH” displays. Tear off the printer paper, and press CASH to resume printing.**

---

## Sample Draft

5/26/04	10:10	00001
SALE		\$2.00
*****6301		
APP: VITAL8		
REF: 41415013334		
REC NO : 1		
X _____		
I AGREE TO PAY ABOVE		
TOTAL AMOUNT ACCORDING		
TO CARD ISSUER AGREEMENT		

## Sample Draft – With Gratuity

To print the tip entry line, see System Option programming and set address #26 on the ER-380M or address #29 on the ER-52XXM.

5/26/04	10:10	00001
SALE		\$2.00
*****6301		
APP: VITAL8		
REF: 41415013334		
REC NO : 1		
TIP _____		
TOTAL _____		
X _____		
I AGREE TO PAY ABOVE		
TOTAL AMOUNT ACCORDING		
TO CARD ISSUER AGREEMENT		



## Manual Card Entry

1. Register a normal transaction. Press the appropriate **CHARGE** key. The message "SLIDE CARD" displays.
2. If card will not read, press **CLEAR** once, the message "ENTER ACCT NO" displays.
3. Enter the account number and press **CASH** (or press Clear twice to abort the transaction.)
4. The message "ENTER EXP DATE" displays. Enter the 4-digit expiration date and press **CASH**.
5. When verification is complete, the draft is printed.

---

**Note: If multiple documents are to be printed, the message "CLEAR / CASH" displays. Tear off the printer paper, and press CASH to resume printing.**

---

## Merchandise Return

Complete the merchandise return transaction as you would a normal transaction. Press **MDSE RTRN** prior to entering each returned item.

1. Register a normal transaction. Press the appropriate **CHARGE** key. The message "SLIDE CARD" displays.
2. Swipe the card. The message "SLIDE CARD" continues to display until the card verification is complete.
3. When verification is complete, the draft is printed.

---

**Note: If multiple documents are to be printed, the message "CLEAR / CASH" displays. Tear off the printer paper, and press CASH to resume printing.**

---

## Sample Draft

5/26/04	10:42	1
SALE		-2.00
*****6301		
APP: *7		
REF: 00003		
REC NO : 3		
X _____		
I AGREE TO PAY ABOVE TOTAL AMOUNT ACCORDING TO CARD ISSUER AGREEMENT		

## Void Transaction

Transaction Void allows a transaction to be removed from the batch and not reported to the cardholder statement.

1. Turn the keylock to the VOID position.
2. Register a normal transaction.
3. Press the appropriate **CHARGE** key. The message “SLIDE CARD” displays
4. Swipe the card. The message “ENTER APP CODE” displays.
5. Enter the authorization code printed for the transaction to be voided, press CASH. . The message “ENTER REF NO” displays.

---

**NOTE: The approval code is an alphanumeric entry. You must use the alpha code chart to determine the numeric entries. For example the approval code “VITAL8” would be entered as “086 073 084 065 076 056”.**

---

6. Enter the Reference number from the transaction to be voided; press CASH. The transaction is found and the original record removed.

## Local Total Report

Run an Issue Local Total report to confirm that credit totals match the financial report before closing the batch. See “Issue Local Total” on page 189.

## Tip (Gratuity) Entry

Gratuities (tips) indicated by the customer on the payment draft must be entered into the ECR before the batch is closed.

1. Turn the key lock to the **Z** position, enter **510** and press **SUBTOTAL**.
2. At the message “ENTER REC NO.”, enter the record number of the transaction and press **CASH/TEND**.
3. At the message “ORIG TRAN AMOUNT”, enter the original transaction amount and press **CASH/TEND**.
4. At the message “TIP AMOUNT”, enter the tip amount and press **CASH/TEND**.
5. If the record number and transaction number are valid, the tip amount is entered in the batch and a tip entry chit prints as shown below.

### *Sample Tip Chit*

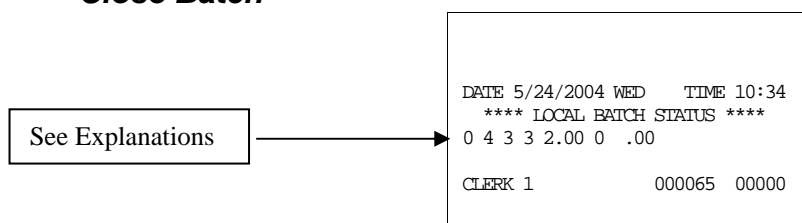
```
DATE 09/27/2004 MON   TIME 10:41
SALE AMOUNT: $426
TIP AMOUNT: $1.50
REF: *
REC: 2
EMPLOYEE1   NO.000023   REG 01
```

## Close Batch

NOTE: To present things in a logical order, OPEN BATCH is shown at the *beginning* of the day, but in practical day-to-day operation it is recommended to open a new batch *right after* closing today's batch, so it is ready to go for the next day.

1. Turn the control lock to the **Z** position.
2. Enter **502**, press **SBTL**.
3. The message "WAITING RESP." displays momentarily. When communication is complete, the Local Batch Status prints and the batch is closed. The message "REPORT MODE" returns.

### Close Batch



### Local Batch Status Explanations:

(From Left to Right)

- o Batch Status C=Closed/O=Open/X=Incomplete
- 4 Batch Number
- 3 Batch Transaction Count
- 3 Batch Item Count
- 2.00 Batch Balance
- 0 Batch Forwarded Transaction Count
- .00 Batch Forwarded Balance

# Reset Mode Procedures

## DataTran Function Table

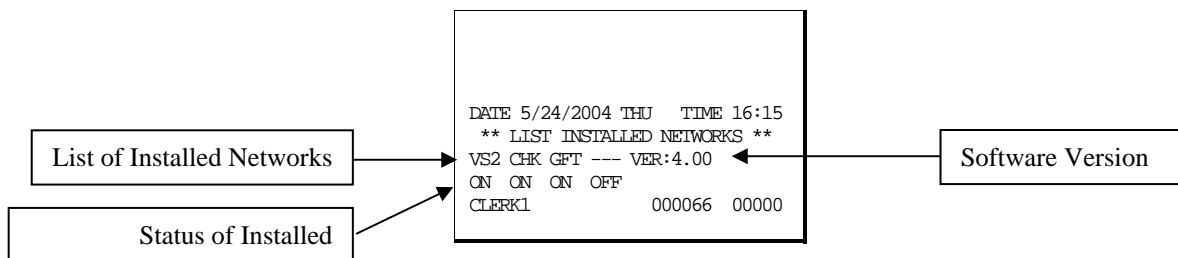
Function	Procedure
Initialize EFT	<b>Z-Mode:</b> Enter <b>500</b> , press <b>SBTL</b>
Open Batch	<b>Z-Mode:</b> Enter <b>501</b> , press <b>SBTL</b>
Close Batch	<b>Z-Mode:</b> Enter <b>502</b> , press <b>SBTL</b>
Clear Current Batch	<b>S-Mode:</b> Enter <b>503</b> , press <b>SBTL</b> *
Change Batch Number	<b>Z-Mode:</b> Enter <b>504</b> , press <b>SBTL</b>
Issue Local Total	<b>Z-Mode:</b> Enter <b>505</b> , press <b>SBTL</b>
Issue Transaction	<b>Z-Mode:</b> Enter <b>506</b> , press <b>SBTL</b>
Issue Batch Status	<b>Z-Mode:</b> Enter <b>507</b> , press <b>SBTL</b>
Dial In Load	<b>Z-Mode:</b> Enter <b>508</b> , press <b>SBTL</b>
Dial Out Load	<b>Z-Mode:</b> Enter <b>509</b> , press <b>SBTL</b>
Tip Entry	<b>Z-Mode:</b> Enter <b>510</b> , press <b>SBTL</b>
Pin Pad Initialize	<b>Z-Mode:</b> Enter <b>511</b> , press <b>SBTL</b>
Close Batch with Debit	<b>Z-Mode:</b> Enter <b>512</b> , press <b>SBTL</b>

\* Version 6.8 or later; earlier versions use Z mode.

## Initialize EFT

**Z-Mode:** Enter **500**, press **SBTL**

Select Initialize EFT to verify communications, software versions and installed networks.



## Clear Curr Batch

**Z-Mode:** Enter **503**, press **SBTL**

The clear batch command erases all the current batch transactions from the DataTran memory even if they have not been settled. *A LOCAL TRANSACTION INQUIRY should be printed prior to clearing the batch.* This will ensure that the operator has the transaction detail to re-enter if required.

This operation should only be done under the direction of DATACAP.

## Chg Batch Number

**Z-Mode:** Enter **504**, press **SBTL**

(At the ENTER BATCH NO message, enter the new number, press **CASH**.)

The change batch number command is used to assign a new batch number to an existing batch. It is used with certain credit card processors to rectify settlement problems. It is used infrequently. (Attempt to change batch number will be denied if bank does not allow the feature.)

## Issue Local Total

**Z-Mode:** Enter **505**, press **SBTL**

This report is added for ease of customer balancing actual totals in the Datatran to the system wide reports. A summary of each kind of credit card and a batch total should match the totals within the ER-380M/ER-5200M report before the Settle Batch is attempted.

```
DATE 5/24/2004 WED   TIME 10:55
****LOCAL  TOTAL REPORT ****
AMEX                .00 0
VISA                120.32 5
MASTER             .00 0
DISCOVER            .00 0
PRIVATE LABEL       .00 0
DINERS              .00 0
JCB                 .00 0
DEBIT               .00 0
TOTAL               120.32 5
CLERK 1             000069 00000
```

## Issue Transaction

**Z-Mode:** Enter 506, press SBTL

The Local Transaction Report contains details of each transaction in the current batch.

### **Example**

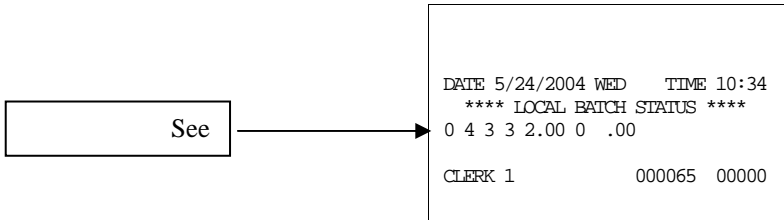
(See Appendix for report key.)

```
DATE 5/24/2004 WED    TIME 10:59
*** LOCAL TRANSACTION REPORT ***
1 A 54 *****6301 0501 1 V
TOTAL6 * 100.00 * * * * 4 * 052
604 113803 5 @ NY * * 00 * * D 1
00 00 * * * 00001 * * * * * 0524
04 113803 * * * * 00 *
CLERK 1                000070  00000
```

## Issue Batch Status

**Z-Mode:** Enter 507, press SBTL

The Local Batch Status Report also prints when a batch is closed.



```
DATE 5/24/2004 WED    TIME 10:34
**** LOCAL BATCH STATUS ****
0 4 3 3 2.00 0 .00
CLERK 1                000065  00000
```

### **Local Batch Status Explanations:**

*(From Left to Right)*

- O Batch Status C=Closed/O=Open/X=Incomplete
- 4 Batch Number
- 3 Batch Transaction Count
- 3 Batch Item Count
- 2.00 Batch Balance
- 0 Batch Forwarded Transaction Count
- .00 Batch Forwarded Balance

## Dial In Load/Dial Out Load

**Z-Mode:** Enter **508**, press **SBTL** (Dial In Load)

**Z-Mode:** Enter **509**, press **SBTL** (Dial Out Load)

If instructed by Datacap support, you can use these options to update DataTran software. Choose Enable Dial In Load to allow Datacap to call the DataTran and send updates. Choose Enable Dial Out Load to call Datacap to connect. You will be required to enter the phone number and terminal I.D.

## Required ECR Programs

1. You must set EFT status for the port you are using. See RS-232 Communication Option Programs on page 87. Set device function to “EFT Device” and set BAUD to “2400”.
2. See System Option Programming on page 112. Set address #29 to **0** for Normal Draft with Normal Buffer Use. Add the value of **2** to your current value for a draft with a tip line.
3. See Print Option Programming on page 118. Set address #34 for the number of DataTran receipt copies you wish to print (**0-99**).
4. See CHARGE 1-8 - Function Key Options on page 130. Set option **N5** to reflect the type of payment: Credit, Debit or Gift (check with your representative for availability of gift card processing).

## Local Transaction Report Key

Field	Description	Min	Max	Type
A	Transaction Sequence Number	1	5	Numeric
B	Transaction Status	1	1	Alphanumeric
C	Network Transaction Code	1	3	Alphanumeric
D	Credit Card Account Number	1	38	Alphanumeric
E	Expiration Date	4	4	Numeric
F	Card Reader Flag	1	1	Numeric
G	Approval Code	1	16	Alphanumeric
H	Reference Number	1	16	Alphanumeric
I	Transaction Amount	3	11	Numeric
J	Operator ID	1	10	Alphanumeric
K	AMEX Category or Product Code	1	10	Alphanumeric
L	Arrival Date	3	6	Numeric
M	Departure Date	3	6	Numeric
N	Gratuity Amount	3	11	Numeric
O	Media Type	1	2	Numeric
P	Special Program Code	1	1	Numeric
Q	Transaction Date	3	6	Numeric
R	Transaction Time	4	4	Numeric
S	Authorization Source Code	1	1	Numeric
T	Card Holder ID	1	1	Numeric
U	PS2000 or MIC Payment Service Indicator	1	1	Alphanumeric
V	PS2000 Transaction ID or MIC Banknet Reference Number	15	15	Alphanumeric

	MIC Banknet Authorization Date	4	4	Numeric
	MIC POS Entry Mode		1	1 Alphanumeric
	MIC Mag Stipe Error Code		1	1 Alphanumeric
W	PS2000 Validation Code	4	4	Alphanumeric
X	Authorization Response Code		2	2 Alphanumeric
Y	PS2000 Authorization Currency Code or	3	3	Alphanumeric
	MIC Entry Mode Change Indicator		1	1 Alphanumeric
	MIC Track Data - CVC Error		1	1 Alphanumeric
	MIC Track Data - Error Code		1	1 Alphanumeric
	ZMerchant Category Code		2	2 Alphanumeric
	AAEntry Mode		2	2 Alphanumeric
	BBOriginal Authorized Amount	3	11	Numeric

### **Local Transaction Report Field Definitions**

- A. Transaction Sequence Number: The DataTran will use this field to return the internal sequence number assigned to each accessed transaction.
- B. Transaction Status: The DataTran will use this field to return the current status of each accessed transaction.  
Allowed values: “A” = Authorized but not captured, “C” = Captured, “F” = Forced Entry, or “V” = Void.
- C. Network Transaction Code: When available, the DataTran will use this field to return the service provider’s code assigned to each accessed transaction.
- D. Credit Card Account Number: The DataTran will use this field to return the card account number used in each accessed transaction .
- E. Expiration Date: The DataTran will use this field to return the expiration date of the credit card used in each accessed transaction.  
Format: “YYMM” or “MMYY” (“YY” = year and “MM” = month).
- F. Card Reader Flag: The DataTran will use this field to return the type of account number entry used in each accessed transaction.  
Allowed values: 0 = Hand entered account number, or 1 = Entered by card reader.
- G. Approval Code: The DataTran will use this field to return the approval code of each accessed transaction.
- H. Reference Number: When available, the DataTran will use this field to return the reference number of each accessed transaction.
- I. Transaction Amount: The DataTran will use this field to return the sales amount of each accessed transaction.  
Format: -9999999.99 (decimal point required).
- J. Operator ID: When available, the DataTran will use this field to return the cashier or operator ID number entered in each accessed transaction.
- K. AMEX Category or Product Code: When available, the DataTran will use this field to return the American Express product or category code of each accessed transaction.
- L. Arrival Date: When available, the DataTran will use this field to return the customer’s arrival date entered in each accessed transaction.  
Formats: “MMDDYY” (“MM” = month, “DD” = day, and “YY” = year).
- M. Departure Date: When available, the DataTran will use this field to return the customer’s departure date entered in each accessed transaction.  
Formats: “MMDDYY” (“MM” = month, “DD” = day, and “YY” = year).
- N. Gratuity Amount: When available, the DataTran will use this field to return the gratuity amount entered in each accessed transaction.  
Format: -9999999.99 (decimal point required).
- O. Media Type: The DataTran will use this field to return the media type used in each accessed transaction:  
2 = American Express 6 = Private Label  
3 = Visa 7 = Diner’s Club or Carte Blanche  
4 = MasterCard 8 = JCB  
5 = Discover 9 = Debit



- P. Special Program Code: When available, the DataTran will use this field to return the special program code entered for each accessed transaction.
- Q. Transaction Date: The DataTran will use this field to return the date of each accessed transaction.  
Formats: "MMDDYY" ("MM" = month, "DD" = day, and "YY" = year).
- R. Transaction Time: The DataTran will use this field to return the time of each accessed transaction.  
Format: "HHMM" ("HH" = military hours and "MM" minutes).
- S. Authorization Source Code: When available, the DataTran will use this field to return the Authorization Source Code of each accessed transaction.
- T. Card Holder ID: When available, the DataTran will use this field to return the Card Holder ID type of each accessed transaction.
- U. Payment Service Indicator: When available, the DataTran will use this field to return the Payment Service Indicator (also referred to as the ACI field) of each accessed transaction.
- V. Transaction ID: When available, the DataTran will use this field to return either the PS2000 Transaction ID number or MIC data of each accessed transaction.
- W. Validation Code: When available, the DataTran will use this field (also known as the ACI field) to return the validation code of each accessed transaction.
- X. Authorization Response Code: When available, the DataTran will use this field to return the authorization response code of each accessed transaction.
- Y. Authorization Currency Code: When available, the DataTran will use this field to return the authorization currency code of each accessed transaction.
- Z. Merchant Category Code: When available, the DataTran will use this field to return the merchant category code of each accessed transaction.
- AA. Entry Mode: When available, the DataTran will use this field to return the entry mode of each accessed transaction.
- BB. Original Authorization Amount: When available, the DataTran will use this field to return the original authorization amount of each accessed transaction.  
Format: -9999999.99 (decimal point required).



# Index

---

## #

#/No Sale Key  
  descriptor programs 123  
  Function Key Programs 135

---

## %

%1-%5 Keys  
  Function Key Programs 145  
  rate/amount programming 124

---

## A

Add Check  
  Function Key Programs 126  
  Operation 40  
Alpha Keyboard Overlay 105  
Auto Cutter  
  enable optional 113  
auto-scale  
  status for PLU 98

---

## B

Balancing Formulas 180  
Beeper active? 111  
Break Points 94

---

## C

Cancel 39  
  Function Key Programs 126  
Cash Declaration  
  Operation 70  
  programming 111, 113  
Cash drawer

  open in training? 111  
  open on reports? 111  
Cash Tender 44  
  Function Key Programs 127  
Cash-In-Drawer Limit Programming 162  
charge posting  
  enabling 113  
  operations 61  
Charge Tender 45  
  Function Key Programs 128  
Check #  
  Function Key Programs 131  
Check Cash  
  Function Key Programs 130  
Check Change Limit 163  
Check Endorsement  
  Function Key Programs 130  
Check Tender 44  
  Function Key Programs 129  
Clearing Memory 76  
Clerk  
  Descriptor Programming 150  
  Drawer Assignment 150  
  Programming 149  
  Report 175  
  Report Descriptors Programming 157  
  Secret Code Programming 149  
  sign on method 111  
  Sign-On/Sign-Off 24  
  Staydown or Popup 111  
Clerk Interrupt 47  
  programming 113  
closed drawer, enforced 111  
Compulsory non-add number  
  status for PLU 98  
compulsory tendering  
  Cash key 127  
  Charge key 128  
compulsory validation  
  % key 145  
  add check key 126  
  Cash key 127  
  charge key 128  
  Check Cash key 130  
  Check key 129  
  Drive Thru key 132  
  Error Correch key 133  
  Food Stamp Tender key 134  
  Mdse Return key 135  
  Paid Out key 137  
  Recd Acct key 138  
  Service key 140  
  Tax exempt key 142  
  Waste key 144  
condiment  
  compulsory status for PLU 98  
  status for PLU 98  
Consolidation of like items on check track 118  
Control Keys 15  
Control Lock 15  
Currency Conversion 64

Rate program 125  
Currency symbol 118

---

## **D**

Date  
format option 111  
programming 164  
Decimal place option 111  
Default Program 91  
Descriptor Code Chart 106  
Descriptor Programming  
PLU 104  
direct multiplication  
enable 112  
Drive Thru 41  
compulsory 112  
Function Key Programs 132  
operations 59

---

## **E**

Eat-In 41  
compulsory 112  
Function Key Programs 132  
Enforce closed drawer 111  
Error Correct 35  
Function Key Programs 133

---

## **F**

Fast Food Drive Thru  
operations 59  
Financial Report 169  
Descriptor Programming 155  
Food Stamp  
eligible status for PLU 98  
Operations 65  
Food Stamp Subtotal  
Function Key Programs 133  
Food Stamp Tender  
Function Key Programs 134  
Function Key  
Assignment 82  
Codes 83  
Descriptions 19  
Descriptor 123  
HALO 124  
Options 122  
Programming 122

---

## **G**

gallonage  
status for PLU 98

---

Goods & Services Tax (GST) 92  
Grand total  
net or gross 119  
graphic logo  
print on guest check 120  
print on receipt 119  
user or default 120  
Group  
Assignment PLU 101  
Programming 151  
Report 177  
Guest  
Function Key Programs 134

---

## **H**

Hard Check  
operations 56  
Hash  
normal or non-add? 112  
status for PLU 98

---

## **I**

inactive  
status for PLU 98  
Initial Clear 18  
Inventory  
Stock Amount Programming 103

---

## **J**

Journal  
font, small or normal 119  
Sample 14

---

## **K**

Keyboard  
ER-5200 16  
ER-5240 17  
Expansion 84

---

## **L**

Link Programming  
PLU 107

---

## **M**

Machine Number Programming 166  
Macro

---

Key Sequence Programming 153  
name programming 159  
remove 153  
manager control  
% key 145  
add check key 126  
Cancel key 126  
Cash tendering 127  
charge tendering 128  
Check Cash key 130  
Check tendering 129  
Error Correct 133  
Mdse Return 135  
Modifier key 136  
negative sales 111  
No Sale function 135  
P/O key 137  
Promo key 137  
R/A key 138  
Scale key 139  
Tare 141  
Tip 143  
Void 144  
Waste key 144  
Memory  
All Clear 76  
Allocation 79  
Clear Grand Total 77  
Clear PLU File 77  
Clear Totals/Counters 76  
Clearing 76  
Merchandise Return 37  
Function Key Programs 135  
Mix & Match Discount  
Programming 146  
Programming for PLU 109  
Modifier  
Function Key Programs 136  
Operations 31  
staydown/popup 113  
multiple buffered receipts  
system option 111

---

## **N**

negative  
sale control system option 111  
status for PLU 98  
NLU  
Code Number Programming 161  
Operations 26  
No Sale 48  
Non-Add Number 48

---

## **O**

Open Check Report 179  
Open drawer alarm

programming 111

---

## **P**

Paid Out 49  
Function Key Programs 137  
Paper sensor  
enable 112  
Percentage Key (%)  
Registrations 32  
PLU  
Auto Tare Programming 100  
Deleting 108  
Descriptor Programming 104  
Group Assignment 101  
Link Programming 107  
Mix & Match Programming 109  
Numeric Entries 29  
Options - Reference Information 99  
Price/HALO Programming 102  
Programming 96  
Report 174  
Status Programming 97  
Stock Amount Programming 103  
post tendering 46  
system option 111  
Posting Guest Checks  
Hard Check 56  
Manual P/B 52  
Soft Check 53  
preset  
override status for PLU 98  
status for % Key 145  
status for PLU 98  
tender keys (macros) 21  
Previous Balance  
Function Key Programs 136  
Previous Item Void 36  
Price/HALO Programming 102  
Print  
Allow a second receipt 119  
Audaction total on the Financial report 117  
average items per customer 119  
average sales per customer 119  
clerk name 117  
clerk report with financial 117  
consecutive number 117  
Consolidation of like items on check track 118  
date 117  
date on hard check 119  
Grand total on financial report 117  
graphic logo on guest check 120  
graphic logo on receipt 119  
gross total on financial report 118  
Kitchen Print Options 118  
machine number 117  
media total on clerk report 117  
negative journal items in reverse print 119  
percentage of sales on the PLU report 117

PLU number and descriptor 119  
PLU sale item number 117  
preamble/postamble 119  
status for PLU 98  
Subtotal 117  
subtotal without tax 118  
Tax amount 118  
tax rate 118  
tax symbol 117  
taxable totals 118  
time 117  
training mode message 118  
VAT breakdown 118  
Void/Return totals on the Financial report 117  
when polling reports 119  
Z counter 117  
zero skip on clerk 117  
zero skip on financial 117  
zero skip on PLU report 117  
Print Check  
    Function Key Programs 138  
Print Option  
    Programming 116  
    Table 117  
Priority print on KP 119  
Program Scans 167  
Promo  
    Function Key Programs 137  
    Operations 60

---

## R

Receipt  
    Message Programming 154  
    On and Off 25  
    Sample 13  
Receipt on Request 47  
Received on Account 49  
    Function Key Programs 138  
Report Samples  
    Clerk Report 175  
    Financial Report 169  
    Group Report 177  
    Individual Clerk 176  
    Open Check Report 179  
    PLU Report 174  
    Stock Report 178  
    Time Report 173  
Report Table 73  
Reports 72  
reset consecutive number  
    system option 111  
reset grand total 111  
rounding rules  
    system option 112  
RS-232 Communication Option Programs 85

---

## S

Sample Journal 14  
Sample Receipt 13  
Scale  
    Function Key Programs 139  
    Operations 66  
    status for PLU 98  
    Tare Weight Programming 165  
Self Tests 77  
Service  
    Function Key Programs 140  
single item status for PLU 98  
Soft Check  
    operations 53  
Split pricing  
    deactivate 112  
Split Tender 46  
Stock  
    Amount Programming 103  
    Report 178  
    status for PLU 98  
Straight Percentage Tax Rate 92, 93  
Subtotal  
    Function Key Programs 140  
Swedish rounding 113  
System Option Programming 110  
System Option Table 111

---

## T

Table #  
    Function Key Programs 141  
Table Service 50  
Take-Out 41  
    compulsory 112  
    Function Key Programs 132  
Tare  
    Function Key Programs 141  
    Tare Weight Programming 165  
Tax Exempt  
    Function Key Programs 142  
Tax Shift Operations 42  
Tax Table Programming 94  
taxable  
    status for % Key 145  
    status for PLU 98  
Time  
    programming 164  
Time Report 173  
Tip  
    Function Key Programs 143  
Training Mode 47  
    enter/exit 47, 113  
Transaction Void 38  
Tray Subtotal  
    Operation 40

---

## U

Updating Firmware 87

---

## V

Validate

Function Key Programs 143  
tender or total? 112

Value added tax (VAT) 92

Void

Control Lock Position 38  
Function Key Programs 144  
volume unit 118

---

## W

Waste

Function 60

Function Key Programs 144

Weight symbol 139

---

## X

X lock position control *See* manager control

---

## Z

Z counters

Reset 112

zero skip

on clerk 117

on financial 117

on PLU report 117

# Manual Revision Record

<b>Edition</b>	<b>Date published</b>	<b>Revision contents</b>
V2.2	01/03/2006	
V2.3	01/18/2006	Starting KP # Program (Prg 1900) added
V2.4	06/02/2006	System flag #32 added
V2.5	10/13/2006	Group Prg Gift Card Option added
V2.6	10/23/2006	Port Setting for Ellix Printers corrected (p. 88)
V2.7	1/29/2007	Correct P-Mode, print option #35, Yes=1, No=0
V2.8	3/15/2007	Added System Options 33-34, RS232 Port PDC Device
V2.9	6/15/2007	Correct Scale Operation Sequences (p.67)
V2.10	7/12/2007	Added Mix/Match Taxable option to System Option #32 (see p.113), DataTran Logo Message Program Scan (P.167)
V2.11	8/21/2007	Update Index Page Numbering
V2.12	9/20/2007	Corrected Print Option #18, p. 114. KP# prints on receipt, not requisition.
V2.13	10/8/2007	Corrected System Option #25; Program by overlay
V2.14	11/29/2007	Corrected System Option #25; Program by overlay
V2.15	12/14/2007	Clear Batch Operation requires S mode, software version 6.8 or later, p.186
V2.16	4/25/2008	Added GFT NSF EFT function to Charge key program and print option 36.
V2.17	7/27/2009	Print option #25 corrected
V2.18	8/23/2010	Version 7.8 release included 'Not Found PLU' p. 68
V2.19	5/6/2011	Ounce scale setting added to RS-232 options.
V2.20	8/23/2011	Scale Key option N3 updated
V2.21	6/6/2012	PC Connection Cable updated.
V2.22	8/1/2012	Balancing formula updated.
V2.23	9/17/2012	Tip function clarified.
V2.24	1/07/2013	Not Found PLU Error Improved.
V2.25	3/05/2013	Updated Batch Status explanations. Added options for Canadian rounding--Subtotal Function Key Program & System Option #21 & 22. Canadian rounding requires software version 9.3 or later.
V2.26	12/18/2013	Clarified PC connection for firmware updates.