



LIQUID CONTROLS

Simply the Best™



LectroCount® Delivery Tickets

Liquid Controls produces among the most reliable and accurate flow computers available, worldwide. For truck-mounted or fixed-site custody transfer applications requiring **Weights & Measures-approved** accuracy, LC products deliver consistent, error-free, dependable service.

Liquid Controls' family of LectroCount electronic registers provide near-perfect metering accuracy over a full range of flow rates and deliver enhanced functions including: automated data collection (e.g., date, time, product selection, delivery quantity), on-site ticket generation, meter linearization, electronic temperature volume compensation, improved security, and more.

LectroCount Delivery Tickets

LectroCount electronic registers offer a number of different ticket options to provide the information that you and your customers need. The ticket type generated is determined by the version of software installed. The software version is specified when ordering, but it can also be modified in the field by "Flashing" the LCR using special software and a laptop computer. For detailed information on "Flashing" a LectroCount register, refer to publication 500329. The LectroCount can be used with existing, preprinted tickets or with blank tickets. Delivery information can even be formatted to print in the same area as a mechanical ticket printer. Contact Liquid Controls for more information.



Epson Slip Printer

Advantages of electronic registration

- **Superior accuracy**
 - Meter linearization
 - Electronic temperature volume compensation
- **Improved efficiency**
 - Electronic presetting
 - No more hand written tickets
 - Reduced delivery time
- **Increased profitability**
 - No more manual pricing errors
 - Reduced postage expense
 - Streamlined office operations
- **Automatic data collection**
- **Improved security and audit trail for custody transfer**
- **"Real time" communication platform for sophisticated dispatching systems involving RF, GPS, and CDPD**



LectroCount® LCR-II® electronic register

LCR/LCR-II software options

The LectroCount LCR and LCR-II electronic registers offer a number of different ticket options to deliver the information that you and your customers need. The current variety of ticket formats available has been developed in direct response to customer and market needs, and Weights & Measures requirements. This document covers the most common ticket formats in use and provides a visual representation of many ticket types. If your requirements are different from those shown in this document, please inquire with our sales department. We may have the ticket format you are looking for, or we can usually produce a new ticket format to address your specific requirements.

The ticket type generated is determined by the version of ticket software installed. There are three elements to LectroCount Software:

SRxxx, **SLxxx**, and **STxxx**.

SRxxx is the operating software.

SLxxx is the software language file.

STxxx is the ticket format software.

These three elements are specified at the time of the order and are programmed into the register prior to shipment. The software can be modified in the field by flashing the LectroCount using special software and a computer. Flashing instructions are covered in a publication which is downloadable from our website at www.lcmeter.com.

SRxxx - Operating software

The basic operating software meets all metrological requirements worldwide. The current options for system operating software are listed in the following table.

SRxxx Operating Software	Description	LectroCount Compatibility
SR200	Standard software (NIST, Canada)	LCR
SR202	Standard software (OIML)	LCR
SR204	Aviation software	LCR
SR205	Aviation software, controlling device ignored	LCR
SR210	Standard software (NIST, Canada)	LCR-II
SR212	Standard software (OIML)	LCR-II
SR214	Aviation software	LCR-II
SR215	Aviation software, controlling device ignored	LCR-II
SR216	Standard software with saved transactions	LCR-II

SLxxx - Language software

The language that appears on the ticket as well as on the operators Lap Pad is determined by the **SLxxx** software specified. The list of available languages is constantly growing, so contact Liquid Controls if you do not see the language that you need listed below.

NOTE: Some of the text in the language file is also printed on the delivery ticket. It is important to ensure that the ticket used (STxxx) works in conjunction with the language being used. The table below lists all current language software available and their compatible ticket formats.

SLxxx Language Software	Language	Ticket compatibility
SL200	English	ST200, ST201, ST202, ST203, ST205, ST207, ST208, ST210, ST212, ST215, ST216, ST219, ST228, ST236, ST241, ST243, ST246, ST247, ST250, ST251
SL201	Spanish	ST204, ST224, ST231, ST242
SL202	French (Canada)	ST239, ST244
SL203	Portuguese (Brazil)	ST213, ST226, ST248
SL204	Swiss German	ST214, ST220, ST237, ST249
SL205	Dutch	ST217, ST225, ST238, ST240
SL206	Portuguese (Portugal)	ST222
SL207	Swedish	ST227
SL208	Polish	ST229, ST245
SL210	Italian	ST230
SL211	French (France)	ST223, ST232
SL212	Turkish	ST234

LCR/LCR-II software options

STxxx - Ticket software

This represents the ticket type and ticket language. It is important to remember that the language software and ticket software be compatible. Refer to page three for software compatibility.

NOTE: The ticket language is English unless otherwise specified. If no page number appears in the column “Example on Page” then there is no sample shown in this publication. Specific ticket samples not shown in this publication are available on request.

STxxx Ticket Type	Description	LectroCount Compatibility	Example on Page
ST200	Standard ticket.	LCR & LCR-II	7
ST201	Standard ticket, English and French are printed on the ticket.	LCR & LCR-II	8
ST202	Compact ticket, does not show pricing information.	LCR & LCR-II	9
ST203	For use with Hand Held PC devices, does not print start or finish date information.	LCR & LCR-II	10, 17
ST204	Standard ticket, Spanish .	LCR & LCR-II	11
ST205	Compact ticket with unit ID and sequence number.	LCR & LCR-II	
ST207	Custom compact ticket, does not print pricing information.	LCR & LCR-II	12
ST208	Compact ticket, does not print pricing information or multiple deliveries message.	LCR & LCR-II	
ST210	General Aviation ticket, does not print pricing information, header text, or multiple deliveries message (unless interfaced to a Hand Held PC).	LCR & LCR-II	13, 17
ST212	Standard ticket, English and French printed on ticket. Canadian aviation.	LCR & LCR-II	
ST213	Standard ticket, Portuguese (Brazil) .	LCR & LCR-II	18
ST214	Standard ticket, Swiss German .	LCR & LCR-II	18
ST215	Compact ticket, full pricing printed.	LCR & LCR-II	14
ST216	Custom compact ticket, does not print pricing information, header text, or multiple deliveries message.	LCR & LCR-II	
ST217	Standard ticket, Dutch .	LCR & LCR-II	18
ST219	General Railroad ticket, does not print pricing information or multiple deliveries message.	LCR & LCR-II	
ST220	Standard ticket, German (Germany) .	LCR & LCR-II	
ST222	Standard ticket, Portuguese (Portugal) .	LCR & LCR-II	
ST223	Compact ticket, French (France) , does not print pricing information.	LCR & LCR-II	

STxxx Ticket Type	Description	LectroCount Compatibility	Example on Page
ST224	Standard ticket, Spanish with four digit year displayed as 20XX.	LCR & LCR-II	
ST225	Custom ticket, Dutch , double spaced, does not print pricing information.	LCR & LCR-II	
ST226	Custom ticket, Portuguese (Brazil) , double spaced, does not print labels to the left of the values.	LCR & LCR-II	
ST227	Standard ticket, Swedish .	LCR & LCR-II	18
ST228	Compact ticket, does not print time information or multiple deliveries message.	LCR & LCR-II	
ST229	Standard ticket, Polish .	LCR & LCR-II	19
ST230	Standard ticket, Italian .	LCR & LCR-II	19
ST231	Standard ticket, Spanish , prints the odometer reading on the delivery ticket.	LCR	
ST232	Standard ticket, French (France) .	LCR & LCR-II	19
ST234	Standard ticket, Turkish .	LCR & LCR-II	19
ST236	Compact ticket, prints start and end shift totalizers on delivery ticket.	LCR & LCR-II	15
ST237	Custom Aviation ticket, German (Germany) , does not print labels to the left of the values, does not print pricing information.	LCR & LCR-II	
ST238	Custom compact ticket, Dutch , does not print pricing information.	LCR & LCR-II	
ST239	Standard ticket, English and French printed on ticket, does not print pricing information.	LCR & LCR-II	
ST240	Custom compact ticket, Dutch , does not print pricing information.	LCR & LCR-II	
ST241	General Aviation ticket, does not print multiple deliveries message.	LCR & LCR-II	
ST242	General Aviation ticket, Spanish , does not print pricing information, header text, or multiple deliveries message.	LCR & LCR-II	
ST244	Custom ticket, English and French printed on ticket.	LCR & LCR-II	
ST245	Standard ticket, Polish , prints temperature, does not print pricing information.	LCR & LCR-II	
ST246	Custom ticket, double spaced, does not print labels to the left of the values.	LCR & LCR-II	
ST247	Standard ticket, prints temperature.	LCR & LCR-II	
ST248	General Aviation ticket, Portuguese (Brazil) , does not print pricing information.	LCR & LCR-II	
ST249	Standard ticket, Swiss German , does not print multiple deliveries message.	LCR & LCR-II	
ST250	General Aviation ticket with Differential Pressure, does not print pricing information, header text, or multiple deliveries message.	LCR & LCR-II	16
ST251	Compact ticket, does not print pricing information or multiple deliveries message.	LCR & LCR-II	

LCR/LCR-II ticket fields

Ticket Number is a selectable print option and will print on the every ticket if a value other than zero is set for Ticket Number.

Ticket Header lines 1-10 are programmable and will print on most delivery ticket formats. Header lines 11 and 12 will only print if the Aux Output 1 is set to ON DURING DELIVERY and Aux Output 2 is set to ON.

Start, Finish, and Start Count will print on most delivery ticket formats.

End Gross Count and Gross Delivery will only print if PRINT GROSS & PARAM is set to yes and the delivery is not temperature compensated.

End Net Count and Net Delivery will only print if temperature compensation is active for the delivery.

Aux Quantity will only print on the delivery ticket when a value other than zero is set for AUX MULT.

Product Code, Name, Type, and Number will print on most delivery ticket formats.

Compensation Type & Parameter will only print on the delivery ticket when PRINT GROSS & PARAM is set to YES.

Gallons Corrected To will print on the delivery ticket if VOL CORRECTED MESSAGE is set to YES.

Sale Number will print on most delivery ticket formats.

Unit ID will only print when UNIT ID is set to a value other than zero.

Meter Number will print on every delivery ticket if METER ID is set to a value other than zero.

Tax/Gallons and **% Tax** will print most delivery ticket formats if TAX UNIT and TAX have a value set and **Price/Unit** is not set to zero.

Total will print on most delivery ticket formats if a value is entered for **Price/Gallons** (price per unit volume).

TICKET NUMBER	1007
TICKET HEADER LINE 1	
TICKET HEADER LINE 2	
TICKET HEADER LINE 3	
TICKET HEADER LINE 4	
TICKET HEADER LINE 5	
TICKET HEADER LINE 6	
TICKET HEADER LINE 7	
TICKET HEADER LINE 8	
TICKET HEADER LINE 9	
TICKET HEADER LINE 10	
TICKET HEADER LINE 11	
TICKET HEADER LINE 12	
START	06/17/08 10:36:47
FINISH	06/17/05 10:38:04
START COUNT	0.0 GALLONS
END GROSS COUNT	58.9 GALLONS
END NET COUNT	58.5 GALLONS
GROSS DELIVERY	58.9 GALLONS
NET DELIVERY	58.5 GALLONS
AUX QUANTITY	1.3 BARRELS
10546 REGULAR GAS	GASOLINE 1
TABLE 6B API GRAVITY=	55
GALLONS CORRECTED TO	60.0F
SALE NUMBER	45012
METER NUMBER	137566
UNIT ID	35791
PRICE/GALLONS	1.1200 \$ 65.52
TAX/GALLONS	0.0200 \$ 1.17
%TAX	0.5000 \$ 0.33
TOTAL	\$ 67.02

Ticket fields

NOTE: Many ticket fields are controlled by regulatory requirements, particularly legal custody transfer requirements. Contact your local Weights & Measures representative if you have questions on the set-up of your tickets.

NOTE: Tickets in this manual are not shown to scale.

LCR/LCR-II ticket formats

ST200

This is a “standard” ticket format. This format contains all information required by Weights & Measures as well as some general fields used to clarify delivery details. This ticket can be short or long depending on which optional fields are enabled and how much information is included in the ticket header lines. The ticket to the right shows a sample of ST200 printed without any optional fields enabled and no information entered in any of the twelve ticket header fields.

START	07/13/05 10:20:05
FINISH	07/13/05 10:20:37
START COUNT	0.0 GALLONS
END GROSS COUNT	15.9 GALLONS
GROSS DELIVERY	15.9 GALLONS
256 GAS	GASOLINE 1
SALE NUMBER	1783
METER NUMBER	123
UNIT ID	728

ST200 with no optional fields enabled

ST200 is quite different with all optional fields enabled. The same information printed without any option fields enabled still appears on the ticket, however, new fields appear as shown by the ticket number appearing as well as header text lines which contain information. Blank header text lines do not print and they don't leave blank lines in the ticket.

Temperature compensation information, auxiliary quantity information, and pricing information are included as they have been enabled. The last line, “MULTIPLE DELIVERIES AT ONE SITE” appears due to the fact that the NO FLOW TIMER has been set to a value of 0 for this example.

TICKET NUMBER	5
JOE SMITH DELIVERY SERVICE	
123 MAIN STREET	
ANYTOWN USA 12345	
555 555 5555	
START	07/13/05 10:20:05
FINISH	07/13/05 10:20:37
START COUNT	0.0 LITRES
END GROSS COUNT	100 LITRES
END NET COUNT	95.8 LITRES
GROSS DELIVERY	100 LITRES
NET DELIVERY	95.8 LITRES
AUX QUANTITY	143.7 OTHER
801 PROPANE	LPG 1
TABLE 54 DENSITY KG/L=	0.5
LITRES CORRECT TO	15.0°C
SALE NUMBER	1855
METER NUMBER	101
UNIT ID	748
PRICE/LITRES	1.0890 \$ 104.33
TAX/ LITRES	0.0279 \$ 2.67
% TAX	0.0249 \$ 0.03
TOTAL	\$ 107.03
* MULTIPLE DELIVERIES AT ONE SITE *	

ST200 with all optional fields enabled

LCR/LCR-II ticket formats

ST201

This is a "standard" ticket format which includes both English and French labels to the left of the values. This is a common requirement for Canada. This ticket varies slightly from ST200 in that the fields appear in a different order and are not labeled identically, but the same general information is recorded.

TRUCK/CAMION	748
METER NUMBER	123
SALE/VENTE	1784
	07/13/05 10:26:29
START/DEBUT	0.0 GALLONS
GROSS DELIVERY	11.6 GALLONS
END /FIN	0.0 GALLONS
256 GAS	GASOLINE 1

ST201 with no optional fields enabled

ST201 printed with all fields enabled, similar to ST200, results in a longer ticket. Again, the English and French labels are used throughout this longer ticket where appropriate.

TICKET NUMBER	7
JOE SMITH DELIVERY SERVICE	
123 MAIN STREET	
ANYTOWN USA 12345	
555 555 5555	
TRUCK/CAMION	748
METER NUMBER	101
	07/13/05 14:43:54
START/DEBUT	0.0 LITRES
GROSS DELIVERY	100.0 LITRES
END /FIN	95.5 LITRES
PRICE/PRIX	\$ 1.0890
AMOUNT/MONTANT	\$ 104.00
TAX/TAXE	\$ 2.69
TOTAL	\$ 106.69
AUX QUANTITY	143.3 OTHER
801 PROPANE	LPG 1
TABLE 54 DENSITY KG/L=	0.5
VOL. CORRECTION TO/A	15.0°C
* MULTIPLE DELIVERIES AT ONE SITE *	

ST201 with all optional fields enabled

ST202

This is a “compact” ticket format. Most compact ticket formats will have three or four lines printed as minimum. This is the case when no optional fields are enabled. There are several compact formats available, each with slight variations. Compact formats generally include only that information deemed necessary for custody transfer. Be sure to check with your local Weights & Measures representative to ensure that the ticket format you plan to use meets their requirements.

This compact ticket format with all optional fields enabled prints a longer ticket, but it is still quite more compact than a standard ticket printed with all optional fields enabled. This ticket will not print pricing information even if values for pricing and taxes are entered.

NOTE: ST208 is identical to ST202 with the exception that the multiple deliveries message is never printed on ST208.

NOTE: ST215 is identical to ST202 with the exception that pricing information is printed on the ST215 ticket when enabled.

```
SALE # 1785 DATE 07/13/05 10:28:54
COUNT: START 0.0 END 17.3
GROSS DELIVERY 17.3 GALLONS
256 GAS GASOLINE 1
```

ST202 with no optional fields enabled

```
TICKET NUMBER 7
JOE SMITH DELIVERY SERVICE
123 MAIN STREET
ANYTOWN USA 12345
555 555 5555
SALE # 1857 DATE 07/13/05 14:45:44
COUNT: START 0.0 END 95.3
GROSS DELIVERY 100.0 LITRES
NET DELIVERY 95.3 LITRES
801 PROPANE LPG 1
VOLUME CORRECTED TO 15.0°C

* MULTIPLE DELIVERIES AT ONE SITE *
```

ST202 with all optional fields enabled

LCR/LCR-II ticket formats

ST203

This ticket format is primarily used with third party hand held systems. It does not include the start and finish date and time unless it is printed by the third party program. The tickets shown were printed without an external interface device, such as the Liquid Controls Hand Held computer with aviation software installed.

DATE	07/13/05
START COUNT	0.0 GALLONS
END GROSS COUNT	15.5 GALLONS
GROSS DELIVERY	15.5 GALLONS
246 GAS	GASOLINE 1
SALE NUMBER	1786
METER NUMBER	123
UNIT ID	748

ST203 with no optional fields enabled

ST203 printed with all fields enabled is similar to other tickets, but there are no line breaks. The multiple deliveries message is printed directly after the last line of information. Other tickets show a gap between the last line and multiple deliveries message.

TICKET NUMBER	11
JOE SMITH DELIVERY SERVICE	
123 MAIN STREET	
ANYTOWN, USA 12345	
555-555-5555	
DATE	07/13/05
START COUNT	0.0 GALLONS
END GROSS COUNT	100.0 GALLONS
END NET COUNT	95.3 GALLONS
GROSS DELIVERY	100.0 GALLONS
NET DELIVERY	95.3 GALLONS
AUX QUANTITY	143.0 OTHER
1	DISTILLATE
VOLUME CORRECTED TO	60°0 F
SALE NUMBER	1858
METER NUMBER	101
UNIT ID	748
PRICE/GALLONS	1.0890 \$ 130.78
TAX/GALLONS	0.0279 \$ 2.66
%TAX	0.0249 \$ 0.03
TOTAL	\$ 106.47
* MULTIPLE DELIVERIES AT ONE SITE *	

ST203 with all option fields enabled

ST204

This is another "standard" ticket format identical to ST200 but with all fields printed in Spanish.

INICIO	07/13/05 11:39:25
FIN	07/13/05 11:39:45
CUENTA INICIAL	0.0 GALONES
TOTAL BRUTO	106.1 GALONES
ENTREGA BRUTA	106.1 GALONES
256 GAS	GASOLINA 1
NUMERO DE VENTA	1814
NUMERO DE MEDIDOR	123
CLAVE DE LA UNIDAD	748

ST204 with no optional fields enabled

ST204 printed with all fields enabled is identical to ST200 but with all fields printed in Spanish.

COMPROBANTE #	55
JOE SMITH DELIVERY SERVICE	
123 MAIN STREET	
ANYTOWN USA 12345	
555 555 5555	
INICIO	07/13/05 15:48:26
FIN	07/13/05 15:48:47
CUENTA INICIAL	0.0 LITROS
TOTAL BRUTO	100 LITROS
TOTAL NETO	95.3 LITROS
ENTREGA BRUTA	100 LITROS
ENTREGA NETA	95.3 LITROS
CANTIDAD AUXI	143.7 OTROS
801 PROPANE	GLP 1
TABLA 54 DENS KG/L=	0.5
LITROS CORREGIDOS A	15.0°C
NUMERO DE VENTA	1855
NUMERO DE MEDIDOR	101
CLAVE DE LA UNIDAD	748
COSTO/LITROS	1.0890 \$ 104.33
IMPUESTOS	0.0279 \$ 2.67
% IMPUESTOS	0.0249 \$ 0.03
TOTAL	\$ 107.03
** VARIAS ENTREGAS EN UN LUGAR **	

ST204 with all optional fields enabled

LCR/LCR-II ticket formats

ST207

This is a custom compact ticket which does not print pricing information. The date, start time, and end time appear on the first line. The delivery count start and end are on the second line. The third line shows the net delivery volume and the product description. The final line has the sale number and unit ID number.

```
07/13/05  10:49:14  10:59:27
COUNT START 0.0      END      157.2
NET        152.3     GALLONS GAS
SALE #    1792      UNIT #748
```

ST207 with no optional fields enabled

ST207 with all options enabled results in the header lines being added to the custom compact format and the multiple deliveries message appears at the end of the ticket. Even when all options are enabled, ST207 is still quite compact.

```
TICKET NUMBER                                17
JOE SMITH LPG SERVICE
123 MAIN STREET
ANYTOWN USA 12345
555 555 5555
07/13/05  14:54:28  14:54:50
COUNT START 0.0      END      95.3
NET        95.3     LITRES LPG144
SALE #    1861      UNIT # 748

* MULTIPLE DELIVERIES AT ONE SITE *
```

ST207 with all option fields enabled

ST210

This is a general aviation ticket format. The ticket shown to the right was printed without an external interface device, such as the Liquid Controls Hand Held computer with aviation software installed. When an external device is used in conjunction with the LectroCount, the ticket can take on many forms, however, the information shown to the right will print on every ticket because this information comes directly from the LectroCount register.

METER NUMBER 123	GASOLINE 1
SALE NUMBER	1795
TIME START	07/13/05 10:56:14
TIME END	07/13/05 10:56:33
START COUNT	0 GALLONS
END GROSS COUNT	96.3 GALLONS
GROSS DELIVERY	96.3 GALLONS
START TOTALIZER	271656.9 GALLONS
END TOTALIZER	271753.2 GALLONS

ST210 with no optional fields enabled

ST210 printed with all fields enabled is slightly longer than the ticket without optional fields enabled. This ticket will not print pricing information, header lines, or the multiple deliveries message.

TICKET NUMBER	23
METER NUMBER 101	LPG 1
SALE NUMBER	1864
TIME START	07/13/05 15:01:00
TIME END	07/13/05 15:01:22
START COUNT	0 LITRES
END GROSS COUNT	100.0 LITRES
END NET COUNT	95.4 LITRES
GROSS DELIVERY	100.0 LITRES
NET DELIVERY	95.4 LITRES
TABLE 54 DENSITY KG/L=	0.5
LITRES CORRECTED TO	15.0°C
START TOTALIZER	279953.4 LITRES
END TOTALIZER	280048.8 LITRES

ST210 with all optional fields enabled

NOTE: Aviation applications do not typically utilize temperature compensation, however this ticket sample was generated with all fields enabled.

LCR/LCR-II ticket formats

ST215

This is a custom compact ticket that prints full pricing information when price information is entered. The ticket to the right shows the compact form without pricing entered.

```
SALE # 1798 DATE 07/13/05 11:05:16
COUNT: START 0.0 END 117.8
GROSS DELIVERY 117.8 GALLONS
256 GAS GASOLINE 1
```

ST215 with no optional fields enabled

ST215 printed with all fields enabled is longer than the ticket without optional fields enabled primarily due to the fact that extended pricing information and header text is included.

```
TICKET NUMBER 27
JOE SMITH LPG SERVICE
123 MAIN STREET
ANYTOWN USA 12345
555 555 5555
SALE # 1867 DATE 07/13/005 15:17:25
COUNT: START 0.0 END 95.5
GROSS DELIVERY 100.0 LITRES
NET DELIVERY 95.5 LITRES
801 LPG144 LPG 1
VOLUME CORRECTED TO 15.0°C
PRICE/LITRES 1.0890 $ 104.00
TAX/ LITRES 0.0279 $ 2.66
%TAX 0.0249 $ 0.03
TOTAL $ 106.69

* MULTIPLE DELIVERIES AT ONE SITE *
```

ST215 with all optional fields enabled

ST236

This is a custom compact ticket that prints start and end shift totalizers on the ticket.

```
SALE # 1805 DATE 07/13/05 11:17:36
COUNT: START 0.0 END 70.7
GROSS DELIVERY 70.7 GALLONS
256 GAS GASOLINE 1
START TOTALIZER 272487.6 GALLONS
END TOTALIZER 272558.3 GALLONS
```

ST236 with no optional fields enabled

ST215 printed with all fields enabled is slightly longer than the ticket without optional fields enabled. Pricing information is not printed on the ticket.

```
TICKET NUMBER 41
JOE SMITH LPG SERVICE
123 MAIN STREET
ANYTOWN USA 12345
555 555 5555
SALE # 1874 DATE 07/13/05 15:32:59
COUNT: START 0.0 END 95.4
GROSS DELIVERY 100.0 LITRES
NET DELIVERY 95.4 LITRES
801 LPG144 LPG 1
VOLUME CORRECTED TO 15.0°C

START TOTALIZER 280907.9 LITRES
END TOTALIZER 281003.3 LITRES

* MULTIPLE DELIVERIES AT ONE SITE *
```

ST236 with all optional fields enabled

LCR/LCR-II ticket formats

ST250

This general aviation ticket format is identical to ST210 with the exception that this ticket will print the differential pressure reading from the Liquid Controls Differential Pressure Transducer when installed. This prints on the last line of the ticket as shown to the right.

```
METER NUMBER 123          GASOLINE 1
SALE NUMBER                1795
TIME START                07/13/05 10:56:14
TIME END                  07/13/05 10:56:33
START COUNT               0 GALLONS
END GROSS COUNT           96.3 GALLONS
GROSS DELIVERY            96.3 GALLONS
START TOTALIZER           271656.9 GALLONS
END TOTALIZER             271753.2 GALLONS
DP 12.9 PSI @ 95.2 GPM
```

ST250 with no optional fields enabled

The ST250 ticket shown to the right is a sample of an Aviation ticket printed with the LectroCount interfaced to a Liquid Controls Hand Held computer with aviation software installed. Also shown is the differential pressure readout from the Differential Pressure Transducer.

```
XYZ AVIATION REFUELING SERVICE
123 MAIN STREET
ANYTOWN USA 12345
555-555-5555

AIRCRAFT SERVICE RECORD

TICKET NUMBER                23

                                ABC AIRLINES
FLIGHT NUMBER                AB1234
AIRCRAFT TYPE                737
TAIL NUMBER                  RT2468

ORIGIN                        ORD
DESTINATION                   MDW

TRANSACTION                   FUEL
FUEL TYPE                     JET A
TRUCK NUMBER                  808
FUELING LOCATION              GATE H8
FUELER                        JONES
ON ROAD                       NO
METER NUMBER 101             LPG 1
SALE NUMBER                   1864
TIME START                    07/13/05 15:01:00
TIME END                      07/13/05 15:01:22
START COUNT                   0 GALLONS
END GROSS COUNT               100.0 GALLONS
GROSS DELIVERY                100.0 GALLONS
START TOTALIZER               279953.4 GALLONS
END TOTALIZER                 280048.8 GALLONS
DP 12.9 PSI @ 95.2 GPM
```

ST250 with Hand Held computer and aviation software

LCR/LCR-II ticket formats with Hand Held PCs

ST203 ticket to below displays a possible format when used with a Hand Held PC. The delivery information is printed on a ticket with preprinted fields.

JOE SMITH DELIVERY SERVICE	
Office Address	123 MAIN STREET ANYTOWN USA 12345
Bill To	Jim Smith 100 Main Street Anytown, USA 55555
Delivery Address	Same
DATE	07/13/05
START COUNT	0.0 GALLONS
END NET COUNT	95.3 GALLONS
NET DELIVERY	95.3 GALLONS
AUX QUANTITY	143.0 OTHER
1	DISTILLATE
GALLONS CORRECTED TO	60.0°F
METER NUMBER	303932
UNIT ID	748
PRICE/GALLONS 1.0890	\$ 103.78
INVOICE	
Invoice No	77065
Account No	87471-1
Date Delivered	09:16 02/09/05
GALLONS Delivered	178.1
Gallons in Tank	Tank Full
DESCRIPTION OF CHARGE	AMOUNT
#2 FUEL OIL 178.1 Gallons @ \$.779	138.74
TOTAL AMOUNT	\$138.74
Please Pay this Amount	\$138.74

ST203 used with a Hand Held PC

ST210 ticket below displays a possible format when used with a Hand Held PC. The delivery information is printed on the ticket along with the ticket header line, delivery information, and aircraft information. Pricing is not printed.

XYZ AVIATION REFUELING SERVICE 123 MAIN STREET ANYTOWN USA 12345 555-555-5555	
AIRCRAFT SERVICE RECORD	
TICKET NUMBER	24
American Trans Air Inc.	
FLIGHT NUMBER	556
AIRCRAFT TYPE	B737
TAIL NUMBER	L3313
ORIGIN	MDW
DESTINATION	ORD
TRANSACTION	Normal Fueling
FUEL TYPE	JetA
TRUCK NUMBER	17
FUELING LOCATION	A6
FUELER	SMITH
INOP FUEL GAUGE	NO

METER NUMBER 60	JETA AVIATION 1
SALE NUMBER	230
TIME START	07/13/05 08:17:13
TIME FINISH	07/13/05 08:17:50
START COUNT	0 GALLONS
END GROSS COUNT	160 GALLONS
GROSS DELIVERY	160 GALLONS
START TOTALIZER	161 GALLONS
END TOTALIZER	321 GALLONS

TOTAL DELIVERED	160 GALLONS
RECEIVED BY	-----

ST210 used with a Hand Held PC

LCR/LCR-II ticket languages

ST213 - Portuguese (Brazil)

TICKET NUMBER		63
INICIO	07/13/05 16:02:27	
FIN	07/13/05 16:02:49	
INICIAL	0.0 LITROS	
BRUTO FINAL	100.0 LITROS	
LIQ FINAL	96.2 LITROS	
ENTREGA BRUTO	100.0 LITROS	
ENTREGA LIQ	96.2 LITROS	
QTDE AUX	144.3 OUTRO	
801 PROPANE	GLP	1
TAB. 54 DENSIDADE=		0.5
LITROS CORR P/		15.0°C
VENDA NO.		1887
MEDIDOR NO.		101
IDENTIF CONTADOR		748
PRECO/LITROS	1.0890 R\$	
		104.76
IMP/ LITROS	0.0279 R\$	
		2.68
% IMP	0.0249 R\$	0.03
TOTAL	R\$	107.47

ST213 with all optional fields enabled

ST214 - Swiss German

BON #		63
START	07/13/05 16:02:27	
ENDE	07/13/05 16:02:49	
ANFANGSSTAND	0.0 LITER	
ENDSTAND BRUTTO	100.0 LITER	
ENDSTAND NETTO	96.2 LITER	
BRUTTOLIEFERUNG	100.0 LITER	
NETTOLIEFERUNG	96.2 LITER	
AUX MENGE	144.3 OUTRO	
801 PROPANE	FLUESSIGG1	
TABELLE 54 DICHTHE KG/L=		0.5
LITER KORRIGIERT AUF		15.0°C
VERKAUF #		1887
ZAEHLER #		101
BEZEICHNUNG		748
PREIS/LITER	1.0890 CHF	104.76
TAX/ LITER	0.0279 CHF	2.68
% MWST	0.0249 CHF	0.03
TOTAL	CHF	107.47

ST214 with all optional fields enabled

ST217 - Dutch

BON NUMBER		63
START	07/13/05 16:02:27	
EINDE	07/13/05 16:02:49	
BEGINSTAND	0.0 LITERS	
EIND ACTUEEL	100.0 LITERS	
EIND NETTO	96.2 LITERS	
ACTUEEL VOLUME	100.0 LITERS	
NETTO VOLUME	96.2 LITERS	
AANTAL LOS	144.3 OVERIGE	
801 PROPANE	LPG	1
TABLE 54 DICHTHE KG/L=		0.5
LITERS GECompENS. NAAR		15.0°C
VERKOOP NUMBER		1887
METER NUMBER		101
UNIT ID		748
PRIJS/LITERS	1.0890 f	104.76
BTW/ LITERS	0.0279 f	2.68
%BTW	0.0249 f	0.03
TOTAL	f	107.47

ST217 with all optional fields enabled

ST227 - Swedish

KVITTONUMMER		63
START	07/13/05 16:02:27	
STOPP	07/13/05 16:02:49	
STARTVOLYM	0.0 LITER	
STOPP BTOVOL.	100.0 LITER	
STOPP NTOVOL.	96.2 LITER	
BRUTTOVOLYM	100.0 LITER	
NETTOVOLYM	96.2 LITER	
SPECIALVOLYM	144.3 ANDRA	
801 PROPANE	LPG	1
TABELL 54 DENSITET KG/L=		0.5
LITER KOMP. TILL		15.0°C
LOSSNINGS NUMBER		1887
ID NUMBER		101
ENHET		748
PRIS/LITER	1.0890 KR	104.76
MOMS/LITER	0.0279 KR	2.68
%MOMS	0.0249 KR	0.03
TOTALT	KR	107.47

ST227 with all optional fields enabled

ST229 - Polish

NR KWITU		63
START	07/13/05 16:02:27	
KONIEC	07/13/05 16:02:49	
STAN POCZATKOWY	0.0 LITRY	
KONIEC BRUTTO	100.0 LITRY	
KONIEC NETTO	96.2 LITRY	
WYDANO BRUTTO	100.0 LITRY	
WYDANO NETTO	96.2 LITRY	
INNE JEDNOSTKI	144.3 INNE	
801 PROPANE	GLP 1	
TAB. 54 GESTOSC KG/L	0.5	
LITRY ODNIESIONE DO	15.0°C	
NR TRANSAKCJI	1887	
NR PRZEPLYWOMIERZ	101	
DANE URZADZENIA	748	
CENA/LITRY	1.0890PLN	104.76
VAT/ LITRY	0.0279PLN	2.68
% VAT	0.0249PLN	0.03
RAZEM	PLN	107.47

ST229 with all optional fields enabled

ST230 - Italian

NUM CARTELLINO		63
INIZIO	07/13/05 16:02:27	
FINE	07/13/05 16:02:49	
INIZIO CONT	0.0 LITRI	
FINE CONT LORDO	100.0 LITRI	
FINE CONT NETTO	96.2 LITRI	
EROGATO LORDO	100.0 LITRI	
EROGATO NETTO	96.2 LITRI	
MISURA AUS	144.3 ALTRO	
801 PROPANE	GPL 1	
TAB 54 DENSITA kg/l=	0.5	
LITRI CORRETTO A	15.0°C	
NUM VENDITA	1887	
NUM REGISTRAZ	101	
IDENT UNITA	748	
PRZ/LITRI	1.0890 LIT	104.76
TAS/LITRI	0.0279 LIT	2.68
%TAS	0.0249 LIT	0.03
TOTALE	LIT	107.47

ST230 with all optional fields enabled

ST232 - French

N° TICKET		63
DEPART	07/13/05 16:02:27	
FIN	07/13/05 16:02:49	
DEBUT COMPTAGE	0.0 LITRES	
FIN COMPT. BRUT	100.0 LITRES	
FIN COMPT. NET	96.2 LITRES	
BRUT LIVRE	100.0 LITRES	
NET LIVRE	96.2 LITRES	
QTE. AUX	144.3 AUTRE	
801 PROPANE	GPL 1	
	CFBP	
kg/L	.05	
VOLUME CONVERTI A	15.0°C	
VENTE NUMERO	1887	
COMPTEUR NUMERO	101	
IDENTIFICATION AUX.	748	
PRIX/LITRES	1.0890 EUR	104.76
TAXE/LITRES	0.0279 EUR	2.68
%DE LA TAXE	0.0249 EUR	0.03
TOTAL	EUR	107.47

ST232 with all optional fields enabled

ST234 - Turkish

FIS NO		63
BASLANGIC	07/13/05 16:02:27	
BITIS	07/13/05 16:02:49	
BASLATMA SAYIM	0.0 LITRE	
SON BRUT SAYIM	100.0 LITRE	
SON NET SAYIM	96.2 LITRE	
BRUT TESLIM	100.0 LITRE	
NET TESLIM	96.2 LITRE	
CIKIS MIKTARI	144.3 DIGER	
801 PROPANE	LPG 1	
TABLO 54 YOGUNLUK KG/L=	0.5	
LITRE DOGRULAMA ISISI	15.0°C	
SATIS NUMARASI	1887	
SAYAC SERI NO	101	
UNITE KIMLIGI	748	
FIYAT/LITRE	1.0890	104.76
VERGI/LITRE	0.0279	2.68
%VERGI	0.0249	0.03
TOPLAM		107.47

ST234 with all optional fields enabled

LCR/LCR-II shift tickets

Shift ticket

When a shift ticket is printed at the end of a shift, information relating to the deliveries made are printed for each product delivered. If only one product was delivered, then only one product detail will be printed as shown to the right. Any product with a DELIVERIES value of 0 is not printed. If all products have a DELIVERIES value of 0, then all products are printed as shown in the extended ticket below.

The TOTAL NET and TOTAL GROSS are running totalizers.

These will not reset and represent the total product measured whereas the SHIFT NET and SHIFT GROSS represent the total product delivered for that shift. Printing a shift ticket resets the shift delivery information for each product.

NOTE: ODOMETER is an option available with LCR operating software. It is not available with LCR-II operating software.

SHIFT START	07/13/05 08:35:33
SHIFT FINISH	07/13/05 16:30:33
UNIT ID	35791
ODOMETER	45678.1
PRODUCT NUMBER 1	GASOLINE
SHIFT NET	1283.0 GALLONS
SHIFT GROSS	1254.0 GALLONS
TOTAL NET	6347.2 GALLONS
TOTAL GROSS	6374.8 GALLONS
DELIVERIES	18

Shift ticket after deliveries are made (end of shift)

SHIFT START	07/13/05 08:35:33
SHIFT FINISH	07/13/05 16:30:33
UNIT ID	35791
ODOMETER	37251.6
PRODUCT NUMBER 1	GASOLINE
SHIFT NET	0.0 GALLONS
SHIFT GROSS	0.0 GALLONS
TOTAL NET	6321.3 GALLONS
TOTAL GROSS	6532.1 GALLONS
DELIVERIES	0
PRODUCT NUMBER 2	DISTILLATE
SHIFT NET	0.0 GALLONS
SHIFT GROSS	0.0 GALLONS
TOTAL NET	104752.3 GALLONS
TOTAL GROSS	104798.1 GALLONS
DELIVERIES	0
PRODUCT NUMBER 3	
SHIFT NET	0.0 GALLONS
SHIFT GROSS	0.0 GALLONS
TOTAL NET	0.0 GALLONS
TOTAL GROSS	0.0 GALLONS
DELIVERIES	0
PRODUCT NUMBER 4	
SHIFT NET	0.0 GALLONS
SHIFT GROSS	0.0 GALLONS
TOTAL NET	0.0 GALLONS
TOTAL GROSS	0.0 GALLONS
DELIVERIES	0

Shift ticket before any deliveries are made (start of shift)

LCR/LCR-II calibration tickets and diagnostic messages

Calibration ticket

Calibration tickets are printed whenever the register Selector Switch is moved out of the calibration position or when a diagnostic ticket is printed (see below). The calibration ticket contains information relating to the system and the products for which it is calibrated.

Diagnostic messages

A diagnostic message may print at the bottom of a delivery ticket. It appears in the form *FAULT: PRINT DIAGNOSTIC TICKET *. Should this occur, it is important to print a diagnostic ticket for an indication of the cause. A diagnostic ticket can be printed by putting a ticket into the printer and then moving the Selector Switch to the SHIFT PRINT position for less than two seconds. The diagnostic ticket will look exactly like the calibration ticket above, but a message will appear at the bottom of the ticket indicating why the diagnostic ticket needed to be printed. The possible messages are listed below. Refer to the LCR or LCR-II Owner's manuals for detailed information on these messages.

CALIBRATION TICKET #	19
CALIBRATION EVENT #	8
CONFIGURATION EVENT #	14
CALIBRATION DATE	07/13/05 13:04:21
METER IDENTIFIER	246
SERIAL NUMBER	4080037
PRODUCT NUMBER 1	GASOLINE
COMP TYPE	NONE
NONE	-----
PULSES	2179.233000/GALLONS
PRODUCT NUMBER 2	DISTILLATE
COMP TYPE	NONE
NONE	-----
PULSES	2285.458000/GALLONS
PRODUCT NUMBER 3	
COMP TYPE	NONE
NONE	-----
PULSES	0.000000/GALLONS
PRODUCT NUMBER 4	
COMP TYPE	NONE
NONE	-----
PULSES	0.000000/GALLONS
FIRMWARE	SR200v4.04
	SL200v4.00
	ST201v1.05
TEMPERATURE	79.84 DEG. F
ADC OFFSET	1.040 DEG. C
ADC SLOPE	0.024749 /BIT
TEMP ZERO	0.00 DEG. F
PULSER FAULTS	0
LAST GROSS	25.9 GALLONS
LAST NET	25.3 GALLONS

Calibration ticket

ROM CHECKSUM ERROR
 TEMPERATURE ERROR
 WATCHDOG ERROR
 VCF SETUP ERROR
 VCF DOMAIN ERROR
 METER CALIB ERROR
 PULSER FAILURE
 PRESET STOP
 NO FLOW STOP ERROR

STOP REQUESTED
 DELIVERY END REQST
 POWER FAIL ERROR
 PRESET ERROR
 TERMINAL NOT CONNECTED
 CHECK PRINTER AND CABLE
 DATA ACCESS ERROR
 DELIVERY TICKET PENDING
 SHIFT TICKET PENDING

FLOW ACTIVE
 DELIVERY ACTIVE
 GROSS PRESET ACTIVE
 NET PRESET ACTIVE
 GROSS PRESET STOP
 NET PRESET STOP
 TVC ACTIVE
 S1 CLOSE REACHED
 INIT WARNING

LectroCount³ software options

LectroCount³ (LC³) software is configured differently than the LectroCount LCR or LCR-II. The LC³ does not have specific ticket formats to choose from such as ST200 or ST250. The ticket format of the LC³ is defined by the software switches that are enabled when the software is loaded or assembled. Some of these switches affect the printed ticket, some don't.



The ticket shown to the right is the base or standard ticket format for LC³. The software switches which change the ticket appearance will be covered in reference to this standard ticket.

Software switches are set when the LC³ is programmed during manufacture. The switches cannot be changed in the field. A new software "package" must be obtained from Liquid Controls with the software switches defined. This new software can then be flashed to the LC³ if the LC³ has flash capability, otherwise, the program chip must be replaced.

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON		\$.8900
SUBTOTAL		\$ 133.50
% TAX CAT 1		\$ 6.0000
TAX/UNIT CAT 1		\$.0500
TAX THIS DELIVERY		\$ 15.51
PRICE INCLUDING TAX		\$ 149.01
GRAND TOTAL DUE		\$ 149.01

LC³ standard ticket

LectroCount³ software switches

Software switch	Description	Delivery ticket affected?
SW01	Prints the tax description, tax rate, and dollar amount on one line of the ticket.	Yes
SW02	Enables use tax (tax on tax) on all four categories. When not enabled, this tax is calculated on the sum of the subtotal and the first two tax categories. When enabled, this tax is calculated on all four tax categories and the subtotal.	Yes
SW03	Aircraft refueler application.	Yes
SW04	Forces a three minute no-flow timeout.	No
SW05	Cash discount amount print option.	Yes
SW06	Shifts the ticket printed to the right by one or two characters.	Yes
SW07	Controls how much account information is printed on a delivery ticket (RAM option only).	Yes
SW08	Mode 14 has penalties instead of discounts.	Yes
SW09	Selectable French display and French ticket. Works with SW15.	Yes
SW10	Total product on board option (does not work with single product software).	No
SW11	Uses standard Canadian pricing and tax rather than standard USA format.	Yes
SW12	Removes all reference to pricing form all modes. Does not print any pricing information.	Yes
SW13	Removes all references to the odometer, including Mode 9.	Yes
SW14	Industrial application.	Yes
SW15	Allows the driver to select an alternate language for display and tickets in Mode 1.	Yes
SW16	Applies volume discounts before taxes.	Yes
SW17	Allows cylinder filling by the operator.	Yes
SW18	Allows the software to be used in conjunction with a non-quadrature pulser.	No
SW19	Allows a default product code to be specified (does not work with single product software).	No
SW20	Allows the operator to enable additive injections for a product (Mode 5). If additive injection is selected, an "A" is added to the product description on the ticket.	Yes
SW21	Hand Held computer application.	Yes
SW22	Enhanced miscellaneous transactions option (applies only to 24 product software).	Yes
SW23	ROM checksum test, prover checksum test, and Blanks & 8s test at start of delivery (OIML).	No
SW24	Provides an interface to a Hand Held PC through the printer port.	Yes
SW25	Provides an interface to a Hand Held PC through the Lap pad port.	No
SW26	Interfaces with a GPS system, prints coordinates on tickets.	Yes
SW27	Pricing information (NET PRICE/GALLON) can appear on delivery tickets (RAM option only).	Yes
SW28	Enables RAM card ticket print status. If the printer is disabled, the delivery record is saved to the RAM card with the ticket number set to "-1", indicating that it was disabled.	Yes
SW29	Allows the operator to enable or disable the printer requirement.	Yes
SW30	Adds entered number to inventory.	No
SW31	Allows a customer record to have a separate invoice and delivery address.	Yes

LectroCount³ software switches

Software switch	Description	Delivery ticket affected?
SW32	Price/Gallon charged is printed on the delivery ticket and reflects discount price.	Yes
SW33	Allows the operator to print individual product messages at the bottom of delivery tickets.	Yes
SW34	Allows the operator to enable additive injections for a product (Mode 17).	Yes
SW35	The standard pump output is used for the scaled pulse output and reflects flow rate.	No
SW36	Allows the operator to print a shift ticket with shift totals for only one product or for all products	No
SW37	Prints a beginning balance on the delivery ticket.	Yes
SW38	Allows the operator to print REGULATORY COMPLIANCE CHANGE on the delivery ticket.	Yes
SW39	Changes the percent tax field to a per unit tax for tax category two.	Yes
SW40	Allows the operator to look up a dispatch record through an ACCESS NAME prompt.	No
SW42	Prints a BUDGET AMOUNT on the delivery ticket.	Yes
SW43	Prints BUDGET - NO PAYMENT DUE on the delivery ticket. Mutually exclusive with SW42.	Yes
SW44	Allows the operator to charge the hose prior to making a delivery.	No
SW45	Only affects the totalizer on the RAM card. When enabled, the totalizer fields in this record reflect the true cumulative amount for all products. When not enabled, the totalizer only reflects the products that have been used during the shift.	No

The ticket examples for LC³ will be shown like the example to the right. The SW option will be indicated below the ticket and the effect will be shown in bold and underlined (though it is not actually printed this way). In this case, the standard ticket's tax lines change to that shown to the right for SW01. Only the most common switch options will be shown.

NOTE: It is possible to enable multiple switches, but the samples will focus on the effect of just one switch per ticket.

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON		\$.8900
SUBTOTAL		\$ 133.50
TAX CAT 1	% 6.0000	\$ 8.01
TAX CAT 1	\$/G .0500	\$ 7.50
TAX THIS DELIVERY		\$ 15.51
PRICE INCLUDING TAX		\$ 149.01
GRAND TOTAL DUE		\$ 149.01

SW01 enabled

LectroCount³ ticket formats

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON	\$	.8900
SUBTOTAL	\$	133.50
% TAX CAT 1	\$	6.0000
TAX/UNIT CAT 1	\$	.0500
TAX THIS DELIVERY	\$	15.51
PRICE INCLUDING TAX	\$	149.01
<u>DISCOUNT AMOUNT</u>	\$	3.00
GRAND TOTAL DUE	\$	149.01

SW05 enabled

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
<u>ACCESS # - SCHEDULED</u>		<u>132.</u>
<u>ACCOUNT NUMBER</u>		<u>LC-12345</u>
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON	\$	.8900
SUBTOTAL	\$	133.50
% TAX CAT 1	\$	6.0000
TAX/UNIT CAT 1	\$	.0500
TAX THIS DELIVERY	\$	15.51
PRICE INCLUDING TAX	\$	149.01
GRAND TOTAL DUE	\$	149.01

SW07 = 3 enabled (RAM system only)

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON	\$	.8900
SUBTOTAL	\$	133.50
% TAX CAT 1	\$	6.0000
TAX/UNIT CAT 1	\$	.0500
TAX THIS DELIVERY	\$	15.51
PRICE INCLUDING TAX	\$	149.01
GRAND TOTAL DUE	\$	149.01
<u>PENALTY ON 07/01/05 ADD</u>	\$	2.00
<u>GROSS BILL</u>	\$	147.67

SW08 = 1 enabled

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON	\$	.8900
<u>VOLUME DISCOUNT</u>	\$	3.00
SUBTOTAL	\$	130.50
% TAX CAT 1	\$	6.0000
TAX/UNIT CAT 1	\$	.0500
TAX THIS DELIVERY	\$	15.33
PRICE INCLUDING TAX	\$	145.83
GRAND TOTAL DUE	\$	145.83

SW16 enabled

LectroCount³ ticket formats

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON		\$.7600
CUSTOMER DISCOUNT		\$.0300
NET PRICE/GALLON		\$.7300
SUBTOTAL		\$ 109.50
% TAX CAT 1		\$ 6.0000
TAX THIS DELIVERY		\$ 6.57
PRICE INCLUDING TAX		\$ 116.07
GRAND TOTAL DUE		\$ 116.07

SW27

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
<u>JOE SMITH</u>		
<u>P.O. BOX 124</u>		
<u>ANYTOWN USA 12345</u>		
ACCESS # - SCHEDULED		132
<u>DELIVERY ADDRESS:</u>		
<u>123 MAIN STREET</u>		
<u>ANYTOWN USA 12345</u>		
ACCOUNT NUMBER		LC-4545
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON		\$.8900
SUBTOTAL		\$ 133.50
% TAX CAT 1		\$ 6.0000
TAX/UNIT CAT 1		\$.0500
TAX THIS DELIVERY		\$ 15.51
PRICE INCLUDING TAX		\$ 149.01
GRAND TOTAL DUE		\$ 149.01

SW31

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON		\$.8900
SUBTOTAL		\$ 133.50
% TAX CAT 1		\$ 6.0000
TAX/UNIT CAT 1		\$.0500
TAX THIS DELIVERY		\$ 15.51
PRICE INCLUDING TAX		\$ 149.01
GRAND TOTAL DUE		\$ 149.01
<u>ADDITIVE INJECTED</u>		

SW34

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
PRICE/GALLON		\$.8900
SUBTOTAL		\$ 133.50
% TAX CAT 1		\$ 6.0000
TAX/UNIT CAT 1		\$.0500
TAX THIS DELIVERY		\$ 15.51
PRICE INCLUDING TAX		\$ 149.01
<u>BEGINNING BALANCE</u>		<u>\$ 100.00</u>
GRAND TOTAL DUE		\$ 249.01

SW37

LC³ not only has switch options, but like the LCR and LCR-II, fields can be enabled or disabled. The ticket to the right shows a standard ticket with all optional fields disabled. The ticket below shows the same ticket with all fields enabled. The optional fields can be enabled or disabled to meet company requirements for ticket format.

NOTE: Customer account information shown in the longer ticket only prints when a RAM system is in use.

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
ACCESS NUMBER		132
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TICKET NUMBER		4534.
SALE NUMBER		4530.

Standard ticket with all options disabled

START	07/13/05	19:03:45
FINISH	07/13/05	19:22:14
JOE SMITH		
123 MAIN STREET		
ANYTOWN USA 12345		
ACCESS # - SCHEDULED		132
ACCOUNT NUMBER		LC-4343
NET VOL GALLONS START		0.0
NET VOL GALLONS FINISH		150.0
TEMP THIS DEL. *F		38.7
VOLUME CORRECTED TO *F		60.0
TICKET NUMBER		4534.
SALE NUMBER		4530.
DRIVER NUMBER		25.
PRODUCT CODE		1.
PRODUCT DESCRIPTION		FUEL OIL
ODOMETER START		58902.5
ODOMETER CHANGE		0.0
PRICE/GALLON	\$	.8900
SUBTOTAL	\$	133.50
% TAX CAT 1		1.0000
TAX/UNIT CAT 1	\$	.0100
% TAX CAT 2		2.0000
TAX/UNIT CAT 2	\$	.0200
%TAX ON SUBTL+TAX CAT 1&2		5.0000
% TAX CAT 3		3.000
TAX/UNIT CAT 3	\$	.0300
% TAX CAT 4		4.000
TAX/UNIT CAT 4	\$	.0400
TAX THIS DELIVERY	\$	20.75
PRICE INCLUDING TAX	\$	90.65
GRAND TOTAL DUE	\$	90.65

Standard ticket with all options enabled



A tradition of excellence that benefits you

Almost fifty years ago, Liquid Controls set a new standard of excellence in engineering and building the finest flow meter products possible, starting with metering aviation fuel for the United States Air Force.

Since that time, the industry base we serve has grown, broadened. Our product line has expanded to include a wide variety of flow meters, accessories and related items distributed worldwide. But our commitment to excellence will never change. The professionals at Liquid Controls are driven to bring you products that perform efficiently and accurately, with minimum maintenance for years to come. Delivering everything you'd expect from the very best—that's our goal.

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In 2001, Liquid Controls joined the IDEX team of companies. IDEX is a leader in the manufacture of a broad range of pump products, dispensing equipment and other engineered technologies. Maintaining a theme of leadership, IDEX delivers Innovation, Diversity and **EX**cellence to thousands of valued customers around the world.

Backed by our world-wide reputation for quality, accuracy and advanced design.



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