LIQUID CONTROLS

LectroCount®
Delivery Tickets

LIQUID
LC
CONTROLS®

Simply the Best™

IDEX®
IDEX CORPORATION

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.

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**

Epson Slip Printer

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.

```
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

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.

```
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

10

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.

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.

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

```
   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

TRANSACTIO           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

17

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 DICHTE 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 NUMMER                     101
UNIT ID                          748
PRIJS/LITERS          1.0890 ƒ  104.76
BTW/   LITERS         0.0279 ƒ    2.68
%BTW                  0.0249 ƒ    0.03
TOTAL                      ƒ   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 NUMMER                1887
ID NUMMER                        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	STOP REQUESTED	FLOW ACTIVE
TEMPERATURE ERROR	DELIVERY END REQST	DELIVERY ACTIVE
WATCHDOG ERROR	POWER FAIL ERROR	GROSS PRESET ACTIVE
VCF SETUP ERROR	PRESET ERROR	NET PRESET ACTIVE
VCF DOMAIN ERROR	TERMINAL NOT CONNECTED	GROSS PRESET STOP
METER CALIB ERROR	CHECK PRINTER AND CABLE	NET PRESET STOP
PULSER FAILURE	DATA ACCESS ERROR	TVC ACTIVE
PRESET STOP	DELIVERY TICKET PENDING	S1 CLOSE REACHED
NO FLOW STOP ERROR	SHIFT TICKET PENDING	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
DISCOUNT AMOUNT           $      3.00
GRAND TOTAL DUE           $   149.01
```

SW05 enabled

```
START        07/13/05         19:03:45
FINISH       07/13/05         19:22:14
ACCESS # - SCHEDULED             132.
ACCOUNT NUMBER              LC-12345
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
PENALTY ON 07/01/05 ADD   $     2.00
GROSS BILL                $   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
VOLUME DISCOUNT           $      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

JOE SMITH
P.O. BOX 124
ANYTOWN USA 12345
ACCESS # - SCHEDULED                132

DELIVERY ADDRESS:
123 MAIN STREET
ANYTOWN USA 12345
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
ADDITIVE INJECTED
```

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
BEGINNING BALANCE          $   100.00
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 **I**nnovation, **D**iversity 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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