SECTION 17

Reconciliation and Variance Reports

The sales data generated by **Infinity** can be used to ring up drinks at a sales terminal using Berg's **Interface** program. This ensures zero variance between **Infinity's** data and that of the sales terminal. However, if you're not using **Interface**, you can check for variances between **Infinity's** sales data and the sales data from a sales terminal using either the Variance or Reconciliation report.

- The Variance report starts with **Infinity's** sales totals for each product and compares them with the sales collected at the sales terminal for each **Infinity** product (including cocktails). You enter the sales terminal's collected sales for each **Infinity** product when you run the report. The report lists **Infinity** products and shows the sales comparisons, any variance, and the percent of variance.

- The Reconciliation report starts with PLU information (from a sales terminal data file) and compares that data with **Infinity's** data using either volume amounts or sales amounts. The report lists **Infinity** brands (no cocktails), shows any difference in the sales terminal's sales or implied volume and **Infinity's** sales or monitored volume and computes any variance. This report requires previous setup tasks (entering PLUs, entering a price per unit, defining a sales terminal data file), but does not require input when you run the report. It can also be included in a schedule.

This section provides help with the following tasks:

Run a Variance Report

To run this report you must enter the sales collected at the sales terminal for each brand in the report. The software then calculates the difference between the sales recorded at the ECU and the sales recorded at the sales terminal. Any difference in the two amounts is shown and also figured as a percentage. See *Variance Report* in the *Sample Reports* section for a complete description of this report.
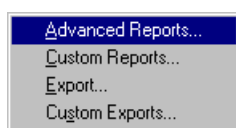
■ **To run a Variance report:**

1. Run **Report**.

2. Pull down the **Advanced Reporting** menu. Click **Advanced Reports...**.

Advanced Reports...
Custom Reports...
Export...
Custom Exports...

3. Select **Variance Report**.

4. Select **Show Details** if you want to see additional options available for the report.

5. Select the **Station/Group** for which you want to run the report.

6. Click **Show Archives** to see a list of archive dates.

7. Select options on the **General**, **Sort** and **Select Categories** tabs if you want to change options for this report only.

8. Click **View** to run the report and view it on the screen OR Click **Print** to run the report and send it to the printer without viewing.

See Set Report Options in the Reports section for a description of all options. If you don't change any options, the default report options set up for your system are used to run the report.

If you want to load your system defaults on all tabs click Load Defaults. Some options are not available for all reports.

Date Range (when set in the Reports screen) reports on archive data from a specified date to a specified date.

Wait while the report is run. The time it takes to run the report is determined by the amount of sales activity and the number of ECUs in the station or group. Never turn off or restart your computer while the report is running or sales data may be lost.

Collected Sales

Enter collected sales for all brands poured

Brand	Collected Sales
Vodka	160.50
Well	271.00
Whiskey	145.00
White	89.25
Wild Turkey	162.75
Black Russian	154.00
Daiquiri	203.00
Iced Tea	236.50
Manhattan	207.00
Margarita	164.75
Martini	238.50

9. Type the **Collected sales** for each product assigned to dispensers in the station or group. "Collected sales" means the actual money taken in for the product as shown on a sales terminal report.

View

BERG'S GOURMET LOUNGE AND RESTAURANT

Most Recent Archive Variance Report   Berg Infinity Report 4.00.11

Time: 2:41:28 PM   Date: 10/16/1999
Group Name: <Master Group>

Brand Name	Charged Sales	Collected Sales	Variance	Pct. Collected Sales
Aperitif	164.25	164.25	0.00	100.00
Bourbon	131.50	131.50	0.00	100.00
Bud Light	167.00	167.00	0.00	100.00
Call	341.00	341.00	0.00	100.00
Call Cordial	177.75	177.75	0.00	100.00
Canadian Club	173.75	173.75	0.00	100.00
Coffee Liqueur	140.00	140.00	0.00	100.00
Cutty Sark	150.75	150.75	0.00	100.00
DAB	144.00	144.00	0.00	100.00

Page 1 of 2   Zoom: 80 %

Print Save As... Next First Zoom In Help
Close Open... Previous Last Zoom Out

- You can resize the View window and Infinity remembers the size you set.

- The Page Up and Page Down keys and the up and down arrow keys on your keyboard can be used to move around the report.

- If the report is longer than one page, use the four page navigation buttons on the screen to select the Next, First, Previous or Last page of the report.

10. Click **OK**.

11. If you view the report on the screen click **Print** if you want to print a copy. Click **Close** to exit the **View** screen.

12. Click **Close** to exit the **Reports** screen.

Before You Run a Reconciliation Report

The Reconciliation report starts with PLU information (from a sales terminal data file) and compares that data with **Infinity's** data using either volume amounts or sales amounts. Once you perform one-time setup tasks, you can run the Reconciliation report as you would any other report. You must get a data file from the sales terminal and define its parameters in **Infinity**. You need to enter PLUs in **Infinity** for all brands and cocktails and you may need to create PLU "recipes". You also need to enter a price per unit for each of your brands. After setup, you can run the Reconciliation report any time or include it in a Schedule.

■ **Before you run a Reconciliation report:**

1. Enable the report feature when you install the software or by accessing Configuration options. See *Enable Reconciliation Report* in the *Configuration Options* section.
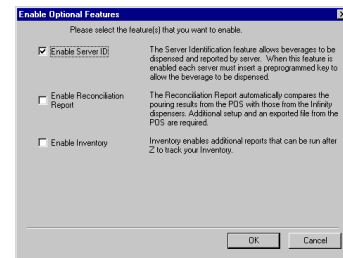
- Enter the retail price per unit as accurately as you can since the Reconciliation report uses this number to compute the retail value lost.

- If your prices and portions for a specific brand do not have the same unit price (e.g., 8 oz sells for $2 or .25 per oz while 12 oz sells for $3.50 or .29 per oz) enter an average price per unit (e.g., .27).

2. Enter a price per unit for each of your brands. This is the retail price the customers pay. See *Add A Brand* in the *Brands, Cocktails, Prices and Portions* section.
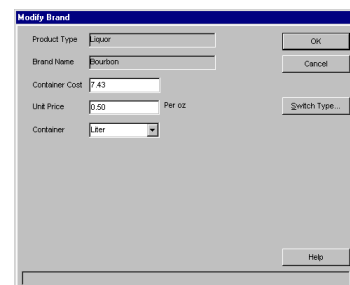
3. Enter PLUs for all your prices and portions. See *Assign PLUs to Brands and Cocktails* in the *Advanced Brand Operations* section.
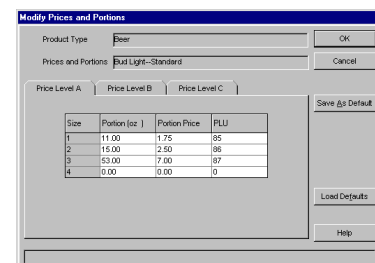
4. If necessary, create PLU "recipes" and list them on the ECU's "PLU Recipe" tab for the sole purpose of determining volume on the Reconciliation report. See *About PLU Recipes* and *Create and Assign a PLU Recipe* in this section.
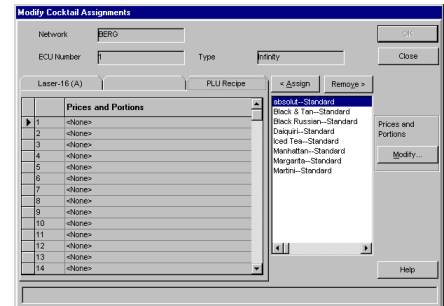
5. Learn the parameters of the sales data file generated by the sales terminal. Establish where **Infinity** will find the file. Enter these Reconciliation options in **Infinity**. See *Sales Terminal Data File* in this section.
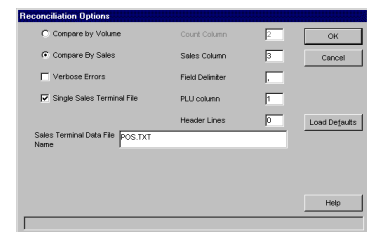
6. Run the report or include the report in a schedule. See *Run a Reconciliation Report* in this section or *Define Schedule Actions* in the *Schedules* section.
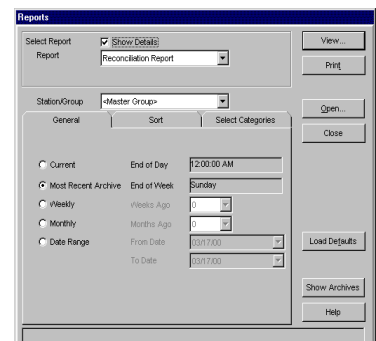
About PLU Recipes

Review these topics if you have questions about PLU recipes.

What is a PLU Recipe?
A PLU "recipe" defines the PLU of a particular product and specifies the portion amounts of the ingredients in the product. **Infinity** doesn't use a PLU recipe to pour the product. A PLU recipe's sole purpose is to provide PLU and portion information to compute volume on a Reconciliation report. PLU recipes are never sent to the ECUs.

Why do I need a PLU Recipe?
You only need to create PLU recipes if:

- you want to run a Reconciliation report AND

- your sales terminal uses PLUs you can't define in **Infinity** without a PLU recipe.

- For example, if you've assigned names such as "Well", "Call", "Premium", etc. to your All-Bottle codes in **Infinity**, each Well drink (of the same size and price level) has the same PLU in **Infinity**. However, your sales terminal may use separate PLUs for each brand of All-Bottle Well liquor. You need to create a different PLU recipe for each Well brand that defines the PLU used for that brand by the sales terminal and specifies "Well" as the ingredient.

- Other examples include TAP 1 cocktails, All-Bottle cocktails and cross-cocktails. You may have a PLU for a "Black & Tan" beer cocktail at the sales terminal, but you can't define beer cocktails in **Infinity**. So you create a PLU recipe in **Infinity** for "Black & Tan" that defines the PLU used by the sales terminal and specifies the portion amounts of the ingredients in the drink. You haven't created a new cocktail for **Infinity** to pour, you've just told **Infinity** which brands (and how much of each) to include in the Reconciliation report.

Cross-Cocktails

Cross-cocktails combine ingredients from All-Bottle-7 and Laser dispensers. All brands for a cross-cocktail must appear on the same ECU.

How do I create a PLU Recipe?
You create a PLU recipe the same way you create a cocktail recipe. You then list the recipe on a PLU Recipe tab for the ECU. For step-by-step instructions, see *Create and Assign a PLU Recipe* in this section.

What is the difference between a PLU Recipe and a Cocktail Recipe?

A cocktail recipe is sent to the ECU and used to pour cocktails. PLU recipes are **never** sent to the ECU and are never used to pour drinks. Cocktail recipe names appear on system reports. PLU recipe names never appear on system reports.

**How many PLU recipes can I assign to an ECU?**

The default number of PLU recipes that can be assigned to an ECU is 50. If you assign 50, the number available becomes 100 (for all ECUs). The number continues to increase as you need it depending on your system's capacity to process and store the recipes.

How is a PLU Recipe used?

- When you run a Reconciliation report, **Infinity** uses the PLUs and PLU recipes you've entered to compare the volume rung at the sales terminal with the volume monitored by **Infinity**.

- The names of any PLU recipes you've created do not appear in the report. **Infinity** only uses the PLU recipe to determine a drink's ingredients and then computes volumes for the ingredients.

- You won't see the individual names of your All-Bottle "Well" brands on the report. You'll see "Well" with the total volume of all "Well" pours.

- You won't see the names of beer cocktails, All-Bottle cocktails or cross-cocktails, but the volume of the brands poured in those cocktails will be included in the total volume listed for the brands.

Create and Assign a PLU Recipe

PLU recipes are similar to cocktail recipes; you create them the same way and then list them on a PLU Recipe assignment tab for each ECU. However, PLU recipes are not sent to the ECU. The recipe is only used to determine the total volume of the recipe's ingredients on a Reconciliation report. See also *Before You Run a Reconciliation Report* and *About PLU Recipes* in this section.
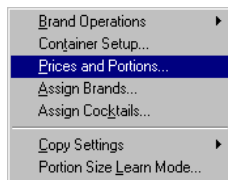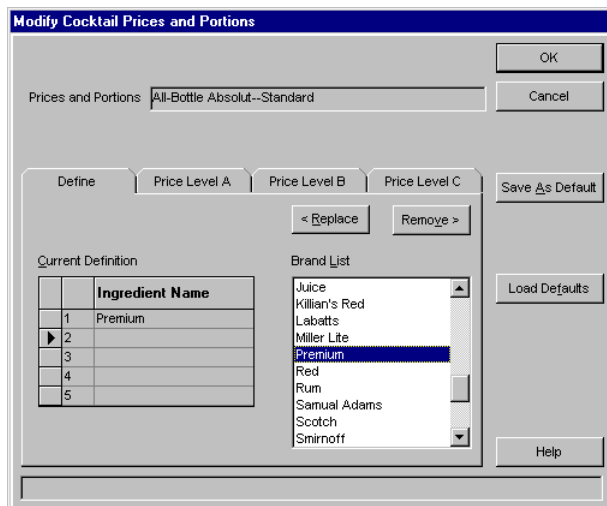
■ **To create and assign a PLU recipe:**

1. Run **Manager**.

2. Pull down the **Pouring** menu and click **Prices and Portions...**.
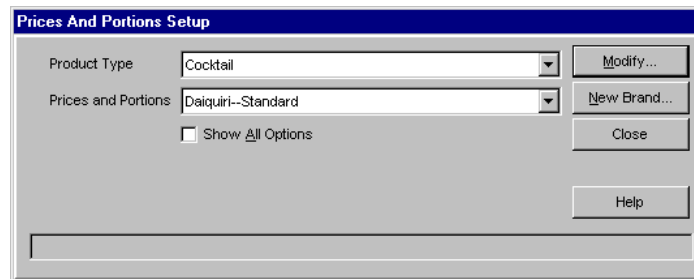
3. Select **Cocktail** as the **Product Type** and click **New Brand...**.

4. Type in the name of your PLU recipe and click **OK**.

5. Click **Modify...**.

6. On the **Define** tab, select a brand in the **Brand List** that is an ingredient in the PLU recipe and click **<Replace** (or drag and drop the brand to the list).

7. Repeat step 6 for the remaining brands in the PLU recipe.

8. Click a **Price Level** tab. Perform steps 9-10 for each tab.

9. Type the correct **Portion** for each **Ingredient Name**.

   You must enter a **Portion** size so the Reconciliation report can determine the correct volume for each brand.

   Ingredient **Prices** and **Cocktail Prices** are optional entries and are not currently used by the Reconciliation report.

10. Type the correct **PLU** for the displayed price level. (Get the correct PLU from the sales terminal.)

11. Click **OK** to save your entries on all tabs. Repeat steps 4-10 for each PLU recipe. Click **Close** to exit the **Prices and Portions Setup** screen.

12. Pull down the **Pouring** menu and click **Assign Cocktails...**.

13. Select a **Network** and **ECU Number** and click **Modify...**.

14. Click the **PLU Recipe** tab.

15. Select a PLU recipe you pour at this ECU.

16. Click **<Assign** (or drag and drop the selected recipe in place). (The numbers on the **Prices & Portions** list do not correspond to any dispensers.)

17. Repeat steps 15-16 for each PLU recipe at this ECU.

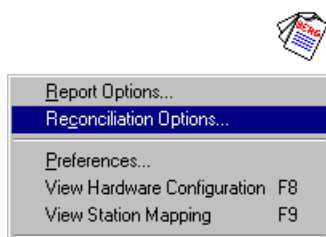18. Click **OK** to save all cocktail and PLU recipes.

19. Repeat steps 12-18 for each ECU.

Sales Terminal Data File

To run an **Infinity** Reconciliation report, you must first determine how you will generate a sales data file at the sales terminal (see your sales terminal representative for help with this). Once you've learned the format of the data file, its name and location, you need to enter these parameters in **Infinity**. The sales terminal data file must be an ASCII text file.

Report Options...
Reconciliation Options...
Preferences...
View Hardware Configuration   F8
View Station Mapping   F9

Additional fields may be present in the sales terminal data file. They will be ignored.

■ **To enter Reconciliation options:**

1. Run **Report**.

2. Pull down the **Options** menu. Click **Reconciliation Options...**.

3. Select **Compare by Volume** or **Compare by Sales**.

4. Check **Verbose Errors** to see all PLU discrepancies listed on the Reconciliation report. Discrepancies may include duplicate PLUs in **Infinity**, unrecognized PLUs from the sales terminal, etc. (There may be expected unknown PLUs from the sales terminal such as those for food orders.)

5. Check **Single Sales Terminal File** if one file contains data for all your ECUs. Uncheck this option to list multiple sales terminal data files.

6. Type the **Count Column** number if you're comparing by volume. This identifies which column in the file lists a count for each PLU. The default is 2.

Compare by Volume

• The PLU count (from the sales terminal data file) is multiplied by the volume units associated with that PLU in Infinity (small portion, large portion, PLU recipe, etc.). This gives an implied volume of the drinks rung up at the sales terminal. The implied volume is then compared with the volume recorded by the ECU.

Compare by Sales

• Infinity gets a sales amount for each brand from the sales terminal data file. This amount is compared with the sales computed by Infinity.

7. Type the **Sales Column** number if you're comparing by sales. This identifies which column in the file lists a sales amount for each PLU. The default is 3.

8. Type in the **Field Delimiter**. This is a character used to separate fields of information in the sales terminal data file. The default is a comma (,).

9. Type the **PLU Column** number. This identifies which column in the file lists the PLUs. The default is 1.

10. Type the **Header Lines** number. This is the number of header/comment lines at the beginning of the sales terminal data file. These lines are skipped by **Infinity**.

11. Type the **Sales Terminal Data File Name**. Include the path. You can list a variable name using curly brackets (see below).

12. Click **OK** to save all your entries. Unless something changes, you only need to set up these options once.

Variable File Names
You can use the following strings to substitute for the sales terminal data file name. These strings are not used by the sales terminal to generate the file. They are used by **Infinity** to search for a sales terminal data file name that matches the date the Reconciliation report is run.

{dd} - day of the month, e.g., 13

{ddd} - day of the week, short format, e.g., Tue

{dddd} - day of the week, full name, e.g., Tuesday

{mm} - two digit month number, e.g., 10

{mmm} - name of the month short format, e.g., Oct

{mmmm} - name of the month, full name, e.g., October

{y} - day of the year, e.g., 355

{yy} - two digit year, e.g., 00

{yyyy} - four digit year, e.g., 2000

{#} - match the highest number in an existing file

If brackets do not match up or do not contain the strings above, they are left intact (as part of the file name).

Examples:

rec{ddd}.txt = rectue.txt (if Reconciliation is done on Tuesday

{dd}{mmm}{yy}.txt = 13oct00.txt

{dd{xxx}.txt = {dd{xxx}.txt (brackets don't match up)

Run a Reconciliation Report

To run this report you must perform required set up tasks in **Infinity**. (See *Before You Run a Reconciliation Report* in this section.) Each time you run a Reconciliation report, a current sales terminal data file must be present at the computer and available for **Infinity** . Once you're ready, you can run the report the same way you run any other advanced report. See *Reconciliation Report* in the *Sample Reports* section for a complete description of this report.

■ **To run a Reconciliation report:**

1. Run **Report**.

2. Pull down the **Advanced Reporting** menu. Click **Advanced Reports...**.

3. Select **Reconciliation Report**.
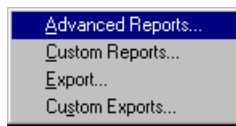
4. Select the **Station/Group**.

5. Select the dates of the data used in the report. See *Set Report Options* in the *Reports* section for a description of all options.

6. Click **View** to run the report and view it on the screen OR Click **Print** to run the report and send it to the printer without viewing.

   Wait while the report is run. The time it takes to run the report is determined by the amount of sales activity and the number of ECUs in the station or group. Never turn off or restart your computer while the report is running or sales data may be lost.

- You can resize the View window and Infinity remembers the size you set.

- The Page Up and Page Down keys and the up and down arrow keys on your keyboard can be used to move around the report.

- If the report is longer than one page, use the four page navigation buttons on the screen to select the Next, First, Previous or Last page of the report.

View

7. If you view the report on the screen click **Print** if you want to print a copy. Click **Close** to exit the **View** screen.

8. Click **Close** to exit the **Reports** screen.

Note

❑ If you run the Reconciliation report on a schedule, you may also need to schedule the export of the sales terminal data file on the sales terminal side. (The export of the sales terminal file should precede the scheduled Reconciliation report.)

SECTION
18 Sample Reports

This section provides an example of each report **Infinity** offers. For help with running a report see the *Reports* section.

Glossary of Report Terms

The following terms are used throughout **Infinity** reports. Check these definitions if you have questions about how the terms are used.

General Terms

Cancel An item that is not completed and not charged (using the TAP 1 cancel button).

Charged An accountable item. This is the normal pouring mode and does not include comps or cancels. Exception: If you've set Charge Cancels for a TAP 1 ECU, **Charged** includes any canceled drinks.

Comp Complimentary drinks poured in comp mode or using the comp button.

Drink A shot or cocktail. Shots used in cocktails but not defined in an **Infinity** cocktail recipe are identified as individual drinks. Ingredients in a cocktail recipe are not listed as individual drinks.

Pour The number of times poured. Includes shots and **Infinity**-defined cocktail ingredients. Includes comps but not cancels.

Sales A money amount, calculated using drink pricing.

Total Never used in a column heading. Shows total values in a column.

Report Column Headings

Archive Num(ber) Archive or Z number

Brand Name **Infinity**-defined brand names.

Cal/Meter The cal value or meter count.

Cancel Pour Sales The full sales value of any canceled pours. (Calculated using drink prices.)
Cancel Volume The number of volume units of canceled drinks.

Canceled Drinks Drinks not completed and not charged.

Canceled Pours Pours not completed and not charged.

Canceled Sales The full sales value of any canceled drinks. (Calculated using drink prices.)

Category Name The name of a price/portion category.

Charged Drinks Shots or **Infinity**-defined cocktails. Does not include comps or cancels.

Charged + Comp. Drinks The combination of charged drinks and comp drinks.

Charged Pour Volume Volume amount--does not include comps or cancels, but does include cocktail ingredients.

Charged Pours The number of times poured as a charged pour. Includes shots and **Infinity**-defined cocktail ingredients.

Charged Sales The sales of drinks (shots and **Infinity**-defined cocktails). Calculated using drink prices you entered in **Manager**. Does not include comps or cancels.

Charged Sales/Drink Volume Charged sales divided by drink volume.

Charged Volume Volume amount--does not include comps, cancels or cocktail ingredients.

Cocktail Sales The sales of **Infinity**-defined cocktails. (Calculated using cocktail prices.)

Cocktails **Infinity**-defined cocktails

Collected Sales The sales record at the sales terminal as entered by the user.

Collected Volume A volume amount derived from the pour count in the sales terminal data file and the portion size entered in **Infinity**.

Comp Drinks Shots or **Infinity**-defined cocktails poured using the comp button. Not charged.

Comp Pours The number of times poured as a comp pour. Includes shots and **Infinity**-defined cocktail ingredients.

Comp Pour Sales The sales value of comp pours. (Calculated using drink prices and cocktail ingredient prices.)

Comp Sales The sales value of comp drinks (shots and **Infinity**-defined cocktails). (Calculated using drink prices.)

Comp Volume The number of volume units for comp drinks.

Container(s) The container name.

Count The number of containers.

Delay/Timer The delay or timer value.

Drink Volume Volume units poured for a brand, not including pours as cocktail ingredients.

Ingredient Name The brand name of a cocktail ingredient.

Lost Retail Value The implied sales value of the variance.

Pct Collected Volume The percentage of the charged pour volume that was rung at the sales terminal.

Pct Collected Sales Collected sales divided by charged sales.

Pct of Total Volume This brand's volume compared to entire report volume.

Percent/Pct of Total Sales This station or this hour's sales compared to the total report.

Pour Sales The sales of pours. (Calculated using drink prices and cocktail ingredient prices you entered in **Manager**.) Only includes charged pours, not comps or cancels.

Pour Sales/Pour Volume Pour sales divided by pour volume.

Pour Value The volume units poured multiplied by the volume unit price.

Pour Volume The number of volume units poured. Includes **Infinity**-defined cocktail ingredients, comp pours and canceled pours.

Pours The number of times poured. Includes shots and **Infinity**-defined cocktail ingredients. Includes comps but not cancels.

Portion/Ptn The portion size entered in **Manager**.

PPC Potential pouring cost. Calculated by multiplying cost per volume unit by volume by 100 and dividing the product by sales.

Price Level/Prc Lvl The price level name.

Ptn Price The portion price entered in **Manager**.

Server Name Name of server (entered in **Manager**).

Size The number of this portion size.

Variance The difference between charged sales and collected sales or charged volume and collected volume.

Volume Unit Cost The cost (to you) of each volume unit. Derived from the container cost and container size entered when you set up a brand and set up containers.

Volume Unit Price The retail price per unit entered when you set up a brand.

Current Sales Totals/Clear Sales (Z) Report

When you archive and clear sales, **Infinity** generates a Current Sales Totals/Clear Sales report showing data for the selected station or group. (If you run this report on the Master Group, you'll only see combined totals for the entire group.) The sales data is also sent to the computer to be stored in archive records. Only run this report when you want to set all totals at the ECU to zero. For help with running the report see *Archive and Clear Sales (Z)* in the *Reports* section.

Current Sales Totals/ Clear Sales	This report shows the total number of **Charged Drinks** and total **Charged Sales** for the selected station or group as well as the sales percentage that each station contributes to the report. (All the numbers in the **Pct. of Total Sales** column should total 100%.)
	The report also shows the total number of **Comp Drinks** and **Comp Sales**, as well as **Canceled Drinks** and **Canceled Sales**. These complimentary and canceled totals are not included in the **Charged Drinks** and **Charged Sales** totals in the first two columns.
Archive Number	**Archive Num** (formerly Z number) is the number of times a Clear Sales report has been run at the station including this time. If the ECUs in the station have not been cleared the same number of times, the highest number is listed.
Printed On	The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.
Type of Data	To run this report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Group Name: <Master Group>   **Printed On: 03/24/00 At 10:45:09 AM**

Archive Number	Charged Drinks	Charged Sales	Pct. of Total Sales	Comp. Drinks	Comp. Sales	Canceled Drinks	Canceled Sales
Group Name: <Master Group>							
2	2,414	7,879.00	100.00	246	794.75	37	128.50
Totals:	2,414	7,879.00		246	794.75	37	128.50

END OF REPORT

- You may see a message on this report indicating the ECU's Archive Number is different from the PC's archive number.

- This message is normal for every ECU the very first time its sales are cleared (ECU Archive Number = 0, Computer's Archive Number = 1).

- The message may also be due to performing a Restore Memory at the ECU. The first time you clear sales at an ECU after performing a Restore Memory this report will always show 0 as the Archive Number so that it's clear that the ECU has been reset since the last time its sales were cleared.

- If there is a mismatch in the Archive Number, the number in the ECU will be set to match the computer's archive number and eliminate the mismatch message in subsequent Sales Totals/Clear Sales reports.

Sales Totals (X1) Report

The Sales Totals report provides the total sales for the selected station or group. If you select a group other than the Master Group, each station in the group is listed separately. The following is a description of this report. For help with running the report see *Run a Current Sales Report* or *Run an Advanced Report* in the *Reports* section.

Sales Totals

This report shows the total number of **Charged Drinks** and total **Charged Sales** for the selected station or group as well as the sales percentage that each station contributes to the report. (All the numbers in the **Pct. of Total Sales** column should total 100%.)

The report also shows the total number of **Comp Drinks** and **Comp Sales**, as well as **Canceled Drinks** and **Canceled Sales**. These complimentary and canceled totals are not included in the **Charged Drinks** and **Charged Sales** totals in the first two columns.

Archive Number

Archive Num (formerly Z number) is the number of times a Clear Sales report has been run at the station. If the ECUs in the station have not been cleared the same number of times, the highest number is listed. If you run this report on current sales data the archive number is not shown.

Archive Time

Archive Time is the last date a Clear Sales report was run at the station. If you run this report on current sales data the archive time is not shown.

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

If you run this report as a **Current** report, the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

To run this report as a **Most Recent Archive** report, the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report, the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

From: 03/20/00   **To: 03/24/00**
Group Name: <Master Group>   **Printed On: 03/24/00 At 10:50:15 AM**

Archive Time	Archive Number	Charged Drinks	Charged Sales	Pct. of Total Sales	Comp. Drinks	Comp. Sales	Canceled Drinks	Canceled Sales
Group Name: <Master Group>								
3/24/2000 10:44:32 AM	2	5,063	16,546.75	100.00	506	1,641.25	94	348.25
Totals:		5,063	16,546.75		506	1,641.25	94	348.25

END OF REPORT

Sales By Price Levels (X2) Report

This report shows the total sales for each brand at each price level. The following is a description of this report. For help with running the report see *Run a Current Sales Report* or *Run an Advanced Report* in the *Reports* section.

Current Sales By Price Levels

This report shows the **Charged Drinks**, **Charged Sales** and the **Pour Volume** for each **Brand** at each **Price Level** of the selected station(s). The final column lists the **Pour Sales/Pour Volume**.

The total **Charged Drinks** and **Charged Sales** for the price level are computed along with the total number of **Complimentary** and **Canceled** drinks and the total sales value of the comp and cancel drinks per price level. (These complimentary and canceled totals are not included in the **Charged Drinks** and **Charged Sales** totals for the price level.)

The end of the report shows the total **Charged Drinks** and **Charged Sales** for all price levels and the total Complimentary and Canceled drinks for all price levels.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

BERG'S GOURMET LOUNGE AND RESTAURANT

Group Name: <Master Group>   Printed On: 03/17/00 At 11:02:59 PM

Brand Name	Charged Drinks	Charged Sales	Pour Volume	Pour Sales / Pour Volume
Price Level A				
Aperitif	14	37.00	14.50	2.55
Bourbon	20	54.50	50.50	2.33
Bud Light	16	46.00	349.00	0.13
Call	34	96.50	37.50	2.57
Call Cordial	13	33.50	14.50	2.31
Canadian Club	22	62.25	24.00	2.59
Coffee Liqueur	13	38.50	31.75	2.35
Cutty Sark	15	46.25	16.50	2.80
DAB	15	65.00	408.00	0.16
Dewar's	17	49.00	19.50	2.51
Domestic Cordial	36	109.00	39.50	2.76
Gin	17	54.75	75.00	2.18
HARP	18	57.00	403.00	0.14
Honey Brown	15	52.25	450.00	0.12
Imported Cordial	30	82.00	31.00	2.65
Jack Daniels	21	62.00	23.50	2.64
Johnny Walker Red	15	51.00	18.50	2.76
Juice	18	36.00	20.50	1.76
Killian's Red	17	78.75	495.00	0.16
Labatts	14	58.00	316.00	0.18
Miller Lite	19	50.00	472.00	0.11
Premium	32	91.25	31.00	2.94
Red	15	28.50	289.00	0.10
Rum	18	55.75	48.75	2.20
Samuel Adams	17	54.00	431.00	0.13
Scotch	38	106.00	42.00	2.52
Smirnoff	22	61.50	21.00	2.93
Special Cocktail	35	102.25	37.50	2.73
Super Premium	34	92.25	36.00	2.56
Tequila	17	55.50	39.25	2.28
Triple Sec	17	45.75	40.25	2.06
Vodka	20	57.00	60.25	2.07
Well	32	96.00	36.00	2.67
Whiskey	14	45.25	15.50	2.92
White	13	25.00	212.00	0.12
Wild Turkey	15	43.00	14.50	2.97
Black Russian	24	84.00		
Daiquiri	15	52.50		

(This example is page 1 of a multiple page report.)

Detailed Sales (X3) Report

This is the most detailed sales report provided by **Infinity**. In addition to listing sales and volume by brands and price levels, it show sales and volume for each portion size. The following is a description of this report. For help with running the report see *Run a Current Sales Report* or *Run an Advanced Report* in the *Reports* section.

Current Detailed Sales

This report shows the **Charged Drinks**, **Charged Sales** and **Charged Volume** for every portion **Size** of each **Brand Name** at each **Price Level** of the selected station.

The total **Charged Drinks** and **Charged Sales** for the **Brand** at each price level are computed along with the total number of **Complimentary** and **Canceled** drinks and the total sales value of these drinks. These complimentary and canceled totals are not included in the **Charged Drinks** and **Charged Sales** totals for the brand. The **Charged Sales/Drink Volume** is given for each brand at each price level.

Pre-3.0 Infinity ECU

If you're using a pre-3.0 Infinity ECU, the Charged Volume is zero for that ECU (although the total is correct).

After each brand's totals are shown at price level A, B, C or D, the totals for all brands at that price level are listed.

The end of the report shows the totals for all price levels.

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report you must have selected **Detailed Info** when you entered your Data Storage and Display Options. See *Enter Data Storage and Display Options* in the *Configuration Options* section.

TAP 1 Manual Drinks

Any manual pours from a TAP 1 ECU are displayed on this report separately from regular pours and labeled "Manual". Any manual pours are included in the brand subtotal for both **Charged Drinks** and **Sales**. The portion size number and associated price assigned to a manual pour is the portion size closest to the actual volume poured.

BERG'S GOURMET LOUNGE AND RESTAURANT

Station Name: Lounge Center   Printed On: 03/18/00 At 11:58:11 AM

Brand Name	Size	Charged Drinks	Charged Sales	Charged Volume
Price Level A				
Bourbon	1	7	7.00	3.50
	2	8	28.00	8.00
	3	3	12.75	4.50
Bourbon Subtotal:		18	47.75	16.00
Complimentary Totals:		2	7.75	2.50
Bourbon Charged Sales / Drink Volume		2.58		
Bud Light	1	3	5.25	33.00
	2	3	7.50	45.00
	3	4	28.00	212.00
	4	6	0.00	6.00
Bud Light Subtotal:		16	40.75	296.00
Complimentary Totals:		2	1.75	12.00
Canceled Totals:		2	4.25	26.00
Bud Light Charged Sales / Drink Volume		0.12		
Call	1	7	7.00	3.50
	2	7	24.50	7.00
	3	6	25.50	9.00
Call Subtotal:		20	57.00	19.50
Complimentary Totals:		1	4.25	1.50
Call Charged Sales / Drink Volume		2.71		
Canadian Club	1	7	7.00	3.50
	2	7	24.50	7.00
	3	6	25.50	9.00
Canadian Club Subtotal:		20	57.00	19.50
Complimentary Totals:		3	8.75	3.00
Canadian Club Charged Sales / Drink Volume		2.53		

(This example is page 1 of a multiple page report.)

Hourly Sales (X4) Report

The Hourly Sales report is a summary of sales for the past 48 hours of sales activity at the selected station or group. This report is only run as a current report because it uses data stored in the ECUs (the data is stored separately from sales data used for other reports). The following is a description of this report. For help with running the report see *Run a Current Sales Report* or *Run an Advanced Report* in the *Reports* section.

Hourly Sales This report shows data for the past 48 hours at the station or group. The type of data reported is determined by your selection in Data Storage and Display Options (see the *Configuration Options* section). The default data is **Charged Drinks** and **Charged Sales** as well as the **Percent of Total Sales** that each hour contributes to the report. (The numbers in the final column should total 100%.). Hours with no sales activity at the station or group are not listed on the report. A 1544 Infinity ECU reports sales for the past 48 hours with any sales activity.

For each hour listed in the report the **Day of Month**, **Starting Hour** and **Ending Hour** are shown.

Shifts If you defined the hours of your shifts when you selected Report Options, all sales from an entire shift are reported on one line in the report (rather than sales being reported for each hour).

Printed On The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data To run this report the computer must communicate with the selected ECU(s). The data reported on is determined by which **Clear/Don't Clear** option you selected on the Data Storage and Display Options screen. (**Clear** clears all hourly sales data each time you clear sales. **Don't Clear** leaves hourly sales data intact when you clear sales.) This report can only be run as a **Current** report.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Group Name: <Master Group>   Printed On: 03/23/00 At 5:06:44 PM

Day of Month	Starting Hour	Ending Hour	Charged Drinks	Charged Sales	Pct. of Total Sales
31	12 AM	01 AM	7	12.25	4.43
31	01 AM	02 AM	10	17.50	6.32
23	12 PM	01 PM	28	49.00	17.72
23	01 PM	02 PM	21	36.75	13.29
23	02 PM	03 PM	24	42.00	15.18
23	03 PM	04 PM	21	36.75	13.29
23	04 PM	05 PM	22	38.50	13.92
23	05 PM	06 PM	25	43.75	15.82
Totals:			158	276.50	

END OF REPORT

Sales Summary Report

The Sales Summary report provides a summary of sales for each brand in the selected station or group. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Sales Summary	This report shows the number of **Charged Drinks** and **Charged Sales**, the number of **Comp Drinks** and **Comp Sales** and the number of **Canceled Drinks** for every **Price Level** of each **Brand** of the selected station or group.
	The end of the report shows the **Charged Drinks** and **Charged Sales** totals for all price levels in addition to the **Comp Drinks**, **Comp Sales** and **Cancel Drinks** totals.
Printed On	The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.
Type of Data	If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).
	To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.
	To run this report as a **Weekly**, **Monthly** or **Date Range** report the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Station Name: Lounge Center   **Printed On: 03/23/00 At 5:12:39 PM**

Brand Name	Price Level	Charged Drinks	Charged Sales	Comp. Drinks	Comp. Sales	Canceled Drinks
Bourbon	A	18	51.75	3	8.75	0
	B	16	49.25	1	3.50	0
	C	16	45.75	2	6.50	0
Bud Light	A	20	49.25	0	0.00	1
	B	17	38.75	2	1.75	2
	C	17	35.25	3	11.25	2
Call	A	22	62.25	3	8.75	0
	B	16	51.25	1	1.75	0
	C	16	48.75	3	10.00	0
Canadian Club	A	23	65.75	3	8.75	0
	B	19	57.50	1	3.50	0
	C	15	49.50	3	10.00	0
Coffee Liqueur	A	19	52.50	0	0.00	0
	B	17	56.00	1	1.75	0
	C	12	40.00	1	4.75	0
Cutty Sark	A	20	58.50	2	5.25	0
	B	12	38.25	3	10.00	0
	C	22	74.75	1	1.75	0
DAB	A	22	78.50	0	0.00	1
	B	19	81.50	1	0.00	0
	C	16	51.00	1	10.00	1
Dewar's	A	18	54.00	2	4.50	0
	B	16	56.00	0	0.00	0

(This example is page 1 of a multiple page report.)

Usage Report

The Usage report provides a brand summary for the selected station or group in addition to the volume poured and potential pouring cost of each brand. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Usage

This report shows the **Pours**, **Pour Sales**, **Pour Volume**, and **Container Count** for each **Brand**. It also lists the **Percent of Total Volume** that each brand contributes to the report. If a brand is used in cocktails, the ingredient price you entered for the brand (when defining the cocktail) is multiplied by the number of cocktails poured and added to the **Pour Sales** total for the brand. (See *Add a Cocktail* in the *Brands, Cocktails, Prices and Portions* section.) The container count is calculated using the container size you entered for the brand. (See *Container Setup* in the *Brands, Cocktails, Prices and Portions* section.)

PPC is the owner's potential pouring cost, which is calculated by multiplying the number of containers poured for each brand by the container cost for the brand. The total is then divided by the sales for the brand and multiplied by 100 to determine a percentage. This percentage is potentially the pouring cost for the brand. This figure is only a "potential" pouring cost because **Infinity** has no way of computing losses due to overpouring, spillage, etc. A potential pouring cost is only computed if a container cost has been entered for the brand. (See *Brand List Setup* in the *Brands, Cocktails, Prices and Portions* section.

The end of the report shows the total **Pours**, **Pour Sales**, and **Pour Volume** for all brands in the station or group and the average potential pouring cost (**PPC**) for all brands combined.

> Glossary of Report Terms
>
> See the *Glossary of Report Terms* in this section for further clarification of terms.

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

BERG'S GOURMET LOUNGE AND RESTAURANT

Station Name: Lounge Center   Printed On: 03/23/00 At 5:17:17 PM

Brand Name	Pours	Pour Sales	Pour Volume	Count	Container	Pct. Total Volume	PPC
Bourbon	107	363.50	156.50	6.11	Standard Bottle	1.49	12.50
Bud Light	61	147.00	1,218.00	0.61	Half Barrel	11.63	0.42
Call	54	148.50	53.50	1.58	Liter	0.51	13.68
Canadian Club	60	169.75	59.50	2.32	Standard Bottle	0.57	16.20
Coffee Liqueur	105	217.25	89.25	2.64	Liter	0.85	19.70
Cutty Sark	48	136.25	44.50	1.32	Liter	0.43	14.69
DAB	51	213.75	1,189.00	0.60	Half Barrel	11.36	0.38
Dewar's	48	142.25	45.50	1.35	Liter	0.43	14.39
Domestic Cordial	45	131.75	45.50	1.35	Liter	0.43	6.21
Gin	185	477.75	211.00	6.24	Liter	2.02	9.26
HARP	56	149.75	1,100.00	0.55	Half Barrel	10.51	0.50
Honey Brown	58	160.00	1,322.00	0.67	Half Barrel	12.63	0.56
Imported Cordial	57	167.25	58.50	1.73	Liter	0.56	22.72
Jack Daniels	61	163.00	56.50	1.67	Liter	0.54	12.46
Johnny Walker Red	59	174.75	58.50	1.73	Liter	0.56	12.04
Killian's Red	59	228.25	1,400.00	0.71	Half Barrel	13.37	0.31
Labatts	58	211.25	1,345.00	0.68	Half Barrel	12.85	0.32
Miller Lite	49	117.25	926.00	0.47	Half Barrel	8.85	0.40
Premium	57	176.00	59.50	1.76	Liter	0.57	16.21
Rum	169	329.00	145.50	4.30	Liter	1.39	8.84
Scotch	56	158.00	55.50	1.64	Liter	0.53	7.72
Smirnoff	57	148.00	54.00	1.60	Liter	0.52	13.12
Special Cocktail	58	181.00	60.50	1.79	Liter	0.58	26.05
Super Premium	57	150.25	55.50	1.64	Liter	0.53	36.18
Tequila	181	382.75	180.00	5.32	Liter	1.72	9.40
Triple Sec	241	342.25	171.50	5.07	Liter	1.64	6.00
Vodka	165	317.25	144.25	4.27	Liter	1.38	9.09
Well	51	144.50	54.00	1.60	Liter	0.52	7.47
Whiskey	57	171.75	56.00	1.66	Liter	0.53	6.52
Wild Turkey	50	158.75	53.50	1.58	Liter	0.51	14.14
Totals:	2,420	6,178.75	10,468.50				10.26

Canceled Pours = 32

Canceled Volume = 664.00 oz

Volume is in oz

END OF REPORT

Potential Pouring Cost

- Berg labels this column "potential" pouring cost because only the cost of each unit of liquor sold and the total sales are used to figure the percentage. Losses due to overpouring, spillage, and/or non-recorded cash can all affect your actual pouring cost.

Retail Usage Report

The Retail Usage report provides the "retail value" of the volume poured for each brand in the selected station or group. This report does not show any actual sales data, but a projected value of the volume poured based on a retail price per volume unit. This is especially useful if you're using a TAP 1 ECU in monitor mode (flow meters only). You must enter a unit price for each of your brands if you want the retail value to be computed in this report. See *Brand List Setup* in the *Brands, Cocktails, Prices and Portions* section. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Retail Usage   This report shows the **Volume Unit Price**, **Pour Volume** and **Pour Value** for each **Brand**. The pour value is figured by multiplying the pour volume by the retail price per unit. This report does not distinguish types of pours or number of pours. It does not show any actual sales data—only the retail value of the volume poured if the price per unit is collected for each volume unit poured.

The end of the report shows the total **Pour Volume** and the total **Pour Value** for all brands in the station or group.

Printed On   The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data   If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

The most recent archive was run on 2/28/2001 at 2:13:31 PM

Station Name: Top Hat Club   **Printed On: 3/1/2001 At 9:46:27 AM**

Brand Name	Retail Price per oz	Pour Volume	Pour Value
Absolut	3.00	48.00	144.00
Bacardi	3.00	52.00	156.00
Bacardi 151	3.50	54.00	189.00
Beefeater	2.50	45.50	113.75
Bombay	2.50	48.00	120.00
Bourbon	2.50	161.00	402.50
Brandy	2.50	47.50	118.75
Captain Morgan	3.00	39.00	117.00
Chivas Regal	4.00	52.00	208.00
Coffee Liqueur	2.00	81.50	163.00
Courvoisier	3.50	48.50	169.75
Finlandia	2.50	47.50	118.75
Flavored Brandy	1.50	59.00	88.50
Gilbey's Gin	2.00	61.50	123.00
Gin	2.00	202.00	404.00
Grand Marnier	3.50	51.00	178.50
Peach Schnapps	2.00	52.00	104.00
Peppermint Schnapps	2.00	44.50	89.00
Ron Rico	2.50	51.00	127.50
Rum	2.50	133.75	334.38
Rye	2.50	44.00	110.00
Scotch	2.50	49.00	122.50
Skyy	2.50	46.50	116.25
Sloe Gin	2.00	51.00	102.00
Smirnoff	2.50	41.50	103.75
Stolichnaya	3.00	48.50	145.50
Tanqueray	3.00	55.00	165.00
Tequila	2.00	148.75	297.50
Triple Sec	1.50	142.25	213.38
Vermouth	1.50	44.50	66.75
Vodka	2.00	140.00	280.00
Whiskey	2.00	47.00	94.00
Totals:		2,237.25	5,286.00

Volume is in oz

(This example is page 1 of a multiple page report.)

Price Level Changes Report

This report shows the date and time of price level changes at the selected station or group. It lists the original and new price level for each change. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Price Level Changes	This report shows the **Date**, **Time**, **Old Price Level**, and **New Price Level** for each price level change at each ECU in the selected station or group. The 19 most recent price level changes are listed. If you have a TAP 1 ECU with many partitions, there may be fewer than 19 changes listed. Also if there are several price level changes listed for one partition, there may be fewer changes listed for the other partitions. Price level changes are not cleared when you run an Archive and Clear Sales (Z) report.
Calibration Mode	This report also shows the **Date** and **Time** when dispensers in the selected station or group were in calibration mode.
Switch Category	This report shows the **Date**, **Time**, **Old Category**, and **New Category** for each category switch at each ECU in the selected station or group.
Printed On	The **Time** and **Date** at the top of the report are the time and date the report was run–not necessarily the time and date of the last station activity.
Type of Data	To run this report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s). This report can only be run as a **Current** report.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Station Name: Lounge Center   **Printed On: 03/23/00 At 5:30:38 PM**

	Date	Time	Old Price Level	New Price Level
Lounge Center	Network BERG		ECU 1	
	3/23/2000	11:53:50 AM	A	B
	3/23/2000	12:07:54 PM	B	C
	3/23/2000	1:57:38 PM	C	A
	3/23/2000	2:04:53 PM	A	B
	3/23/2000	3:33:16 PM	B	C
Lounge Center	Network BERG		ECU 2	Partition 1
	3/23/2000	11:21:07 AM	A	B
	3/23/2000	12:44:50 PM	B	C
	3/23/2000	1:32:15 PM	C	A
	3/23/2000	2:36:25 PM	A	B
	3/23/2000	3:30:54 PM	B	C

System Calibration Mode Activity

3/17/2000 1:57:39 PM Exit Cal Mode for all units

3/19/2000 5:31:31 PM Enter Learn Mode for BERG ECU 2

3/19/2000 5:31:54 PM Exit Learn Mode for BERG ECU 2

END OF REPORT

Price Portion Report

The Price Portion report lists the brands that have been assigned to each dispenser in the selected station or group. It also lists the prices and portions for each brand and cocktail that have been assigned. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Price Portion   For every dispenser (Laser, All-Bottle, Tap) at the selected station/group this report lists a **Brand Name**, **Category Name**, **Delay/Timer** and **Cal/Meter** column.

Brand Name is the brand or cocktail assigned to the button, coded pourer or tap.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

Category Name is the name of the brand or cocktail's prices and portions.

Delay/Timer is either the delay value of an All-Bottle or Laser dispenser or the flow rate of a TAP 1 dispenser.

Cal/Meter is either the cal value of an All-Bottle or Laser dispenser or the meter count of a TAP 1 dispenser.

The report then lists the **Price Portion Tables** for each brand or cocktail.

Prc Lvl is the price level (**A**, **B**, **C, D**).

Size is the portion size (**1-4** for Liquor, Wine and Mixers, **1-8** for Beer)

Ptn. is the portion amount (listed in the unit of measure for your system).

Ptn. Price is the price of the portion size.

PLU is the PLU assigned to the portion size.

Printed On   The **Time** and **Date** on the report are the time and date the report was run.

Type of Data   This report can only be run as a **Current** report. However, the computer does not communicate with the selected ECU(s) because all the data comes from the computer's database.

BERG'S GOURMET LOUNGE AND RESTAURANT

Current Price Portion   Berg Infinity Report 4.00.21   Page 1

Station Name: Service Bar 1   Printed On: 03/18/00 At 12:03:38 PM

	Brand Name	Category Name	Delay/Timer	Cal/Meter
Network BERG ECU 3 Dispenser 1		All-Bottle-15		
Brand 1	Well	Standard	20	670
Brand 2	Call	Standard	20	335
Brand 3	Premium	Standard	20	670
Brand 4	Super Premium	Standard	20	670
Brand 5	Domestic Cordial	Standard	20	670
Brand 6	Imported Cordial	Standard	20	670
Brand 7	Special Cocktail	Standard	20	670
Brand 8	Call Cordial	Standard	20	670
Brand 9	Scotch	Standard	20	670
Brand 10	Aperitif	Standard	20	670
Brand 11	White	Standard	20	670
Brand 12	Red	Standard	20	670
Brand 13	Juice	Standard	20	670

Price Portion Tables

Prc Lvl	Size	Ptn.	Ptn. Price	PLU	Prc Lvl	Size	Ptn.	Ptn. Price	PLU	Prc Lvl	Size	Ptn.	Ptn. Price	PLU
Aperitif			**Standard**											
A	1	0.50	1.00	0	B	1	0.50	1.75	0	C	1	0.50	1.75	0
	2	1.00	3.50	0		2	1.00	3.50	0		2	1.00	3.50	0
	3	1.50	4.25	0		3	1.50	4.75	0		3	1.50	4.75	0
Call			**Standard**											
A	1	0.50	1.00	154	B	1	0.50	1.75	157	C	1	0.50	1.75	160
	2	1.00	3.50	155		2	1.00	3.50	158		2	1.00	3.50	161
	3	1.50	4.25	156		3	1.50	4.75	159		3	1.50	4.75	162
Call Cordial			**Standard**											
A	1	0.50	1.00	0	B	1	0.50	1.75	0	C	1	0.50	1.75	0
	2	1.00	3.50	0		2	1.00	3.50	0		2	1.00	3.50	0
	3	1.50	4.25	0		3	1.50	4.75	0		3	1.50	4.75	0
Domestic Cordial			**Standard**											

(This example is page 1 of a multiple page report.)

PLU Report

The PLU report lists the PLUs that have been assigned to each brand in the selected station or group. This report is helpful in diagnosing problems with Interface or a Reconciliation report. It helps locate duplicate PLUs and brands without any PLU (shown with a zero). The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

PLU

This report lists the **PLU** for every brand in the selected station or group and shows the **Brand Name**, price/portion **Category Name**, **Price Level** and portion **Size** assigned to the PLU. The list is ordered by PLU number.

Printed On

The **Time** and **Date** on the report are the time and date the report was run.

Type of Data

This report can only be run as a **Current** report. However, the computer does not communicate with the selected ECU(s) because all the data comes from the computer's database.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Current PLU Report   Berg Infinity Report 4.00.21   Page 1

Station Name: Dance Floor   Printed On: 03/23/00 At 11:35:56 PM

PLU	Brand Name	Category Name	Price Level	Size
88	DAB	Standard	A	1
88	DAB	Standard	B	1
88	DAB	Standard	C	1
89	DAB	Standard	A	2
89	DAB	Standard	B	2
89	DAB	Standard	C	2
90	DAB	Standard	A	3
90	DAB	Standard	B	3
90	DAB	Standard	C	3
91	HARP	Standard	A	1
91	HARP	Standard	B	1
91	HARP	Standard	C	1
92	HARP	Standard	A	2
92	HARP	Standard	B	2
92	HARP	Standard	C	2
93	HARP	Standard	A	3
93	HARP	Standard	B	3
93	HARP	Standard	C	3
106	Honey Brown	Standard	A	1
107	Honey Brown	Standard	A	2
108	Honey Brown	Standard	A	3
109	Honey Brown	Standard	B	1
110	Honey Brown	Standard	B	2
111	Honey Brown	Standard	B	3
112	Honey Brown	Standard	C	1
113	Honey Brown	Standard	C	2
114	Honey Brown	Standard	C	3
220	Labatts	Standard	A	1
220	Labatts	Standard	B	1
220	Labatts	Standard	C	1
230	Labatts	Standard	A	2
230	Labatts	Standard	B	2
230	Labatts	Standard	C	2
240	Labatts	Standard	A	3
240	Labatts	Standard	B	3
240	Labatts	Standard	C	3

END OF REPORT

Cost Per Unit Report

The Cost Per Unit report lists the cost (to you) of each volume unit of each brand. This report only shows cost information if you enter a cost when setting up the brand. The unit is the unit of measure for your system. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Cost Per Unit   This report shows each **Brand Name** in your brand list with its **Volume Unit Cost**. The cost per unit is derived from the container cost you entered when setting up the brand. To enter cost information see *Brand List Setup* or *Modify a Brand* in the *Brands, Cocktails, Prices and Portions* section.

Printed On   The **Time** and **Date** on the report are the time and date the report was run.

Type of Data   This report can only be run as a **Current** report. However, the computer does not communicate with the selected ECU(s) because all the data comes from the computer's database.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Printed On: 03/23/00 At 11:38:36 PM

Brand Name	Volume Unit Cost	Brand Name	Volume Unit Cost
Absolut	0.0000	Aperitif	0.0500
Bourbon	0.2902	Bud Light	0.0005
Call	0.3797	Call Cordial	0.3998
Canadian Club	0.4621	Coffee Liqueur	0.4796
Cutty Sark	0.4498	DAB	0.0007
Dewar's	0.4498	Domestic Cordial	0.1798
Gin	0.2097	HARP	0.0007
Honey Brown	0.0007	Imported Cordial	0.6497
Jack Daniels	0.3596	Johnny Walker Red	0.3596
Juice	0.0999	Killian's Red	0.0005
Labatts	0.0005	Miller Lite	0.0005
Premium	0.4796	Red	0.0500
Rum	0.1999	Scotch	0.2197
Smirnoff	0.3596	Special Cocktail	0.7795
Super Premium	0.9794	Tequila	0.1999
Triple Sec	0.1198	Vodka	0.1999
Well	0.1999	Whiskey	0.1999
White	0.0500	Wild Turkey	0.4196

Volume is in oz

END OF REPORT

Configuration Report

The Configuration report shows the current setup of ECUs and dispensers. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Configuration This report displays the **Station Name**, **Network Name**, **ECU Number**, **Partition**, **EPROM Version**, **Dispenser Number**, **Dispenser Type**, **Enable/Disable**, and **Price Level** for each ECU or partition in the selected station or group.

Station Name is the station or group selected for the report.

Network Name is the name of the station or group's network.

ECU Num. is the number assigned to the ECU.

Partition is the number of the ECU partition (if it is a TAP 1 ECU).

EPROM Version is the version number of the EPROM in the ECU.

Disp Num is the number of the Infinity ECU dispenser (**1-3**) or TAP 1 tap (**1-8**). Dispensers 1 and 2 on Infinity ECUs are Laser dispensers; dispenser 3 is All-Bottle.

Disp Type is the type of dispenser: Laser-6, Laser-12, Laser-16, All-Bottle-7, All-Bottle-15, All-Bottle ID or Tap.

Enable/Disable is the current state of the dispenser–specifying whether it is enabled for pouring or disabled.

Prc Lvl is the price level currently set at the ECU.

Printed On The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data To run this report the computer must communicate with the selected ECU(s). This report can only be run as a **Current** report.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Current Configuration Report   **Berg Infinity Report 4.00.21**   **Page 1**

Group Name: <Master Group>   Printed On: 03/23/00 At 11:40:20 PM

Station Name	Network Name	ECU Num	Partition	EPROM Version	Disp. Num	Disp. Type	Enable Disable	Price Level
<Master Group>	BERG	1		3.21	1	Laser-16	Enabled	C
					3	All-Bottle-7	Enabled	C
		2	1	3.21	1	Tap	Enabled	B
					2	Tap	Enabled	B
					3	Tap	Enabled	B
					4	Tap	Enabled	B
		2	2	3.21	5	Tap	Enabled	A
					6	Tap	Enabled	A
					7	Tap	Enabled	A
					8	Tap	Enabled	A
		3		3.21	1	All-Bottle-15	Enabled	A

END OF REPORT

Variance Report

To run the Variance report you must enter the sales collected at the sales terminal for each brand in the report. The software then calculates the difference between the sales recorded at the ECU and the sales recorded at the sales terminal. Any difference in the two amounts is shown and also figured as a percentage. For help with running this report see *Run a Variance Report* in the *Reconciliation and Variance Reports* section.

Variance

This report displays the **Charged Sales**, **Collected Sales**, **Variance** and the **Percent Collected Sales** for each **Brand Name** in the selected station or group.

Brand Name is the name of each brand assigned to dispensers in the station or group.

Charged Sales is the sales amount recorded at the ECU for each brand.

Collected Sales is the sales amount recorded by the sales terminal for the brand. (This is the amount you enter when you run the report.)

Variance is the discrepancy between the charged sales and collected sales for each brand.

Pct Collected Sales is the collected sales divided by the charged sales. (It shows the percentage of the charged sales recorded by the ECU you actually collected at the sales terminal.)

The end of the report shows the **Totals** for **Charged Sales**, **Collected Sales**, **Variance**, and **Pct Collected Sales** for all brands in the station or group.

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Station Name: Dance Floor   **Printed On: 03/23/00 At 11:43:37 PM**

Brand Name	Charged Sales	Collected Sales	Variance	Pct. Collected Sales
DAB	202.25	197.50	-4.75	97.65
HARP	186.75	173.75	-13.00	93.04
Honey Brown	164.50	160.00	-4.50	97.26
Labatts	172.75	157.80	-14.95	91.35
Totals:	726.25	689.05	-37.20	94.88

END OF REPORT

Reconciliation Report

A Reconciliation report compares data from a sales terminal data file with data generated by **Infinity**. You can choose to compare by volume or by sales. To run this report you must perform required set up tasks. (See *Before You Run a Reconciliation Report* and *Run a Reconciliation Report* in the *Reconciliation and Variance Reports* section.) Each time you run a Reconciliation report, a current sales terminal data file must be present at the computer.

Reconciliation

If you choose to compare by Volume, this report displays the **Charged Pour Volume**, **Collected Volume**, **Variance**, **Percent Collected Volume** and **Lost Retail Value** for each **Brand Name** in the selected station or group.

If you choose to compare by Sales, this report displays the **Pour Sales**, **Collected Sales**, **Variance** and the **Percent Collected Sales** for each **Brand Name** in the selected station or group.

The end of the report shows **Totals** for all brands in the station or group.

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

If you run this report as a **Current** report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).

To run this report as a **Most Recent Archive** report the computer uses the sales data stored at the computer the last time you cleared sales at the ECU.

To run this report as a **Weekly**, **Monthly** or **Date Range** report the computer uses archive data stored at the computer. The data reported on is determined by the number of times you cleared sales at the ECU during the specified time.

Berg Infinity Report

Group Name: <Master Group>   **Printed On: 03/20/2000 At 10:32:33 AM**

Brand Name	Charged Pour Volume	Collected Volume	Variance	Pct. Collected Volume	Lost Retail Value
Bailey's	76.50	74.00	-2.50	96.73	-6.25
Bourbon	49.50	46.00	-3.50	92.93	-7.35
Brandy	39.50	38.00	-1.50	96.20	-3.00
Budweiser	1,085.00	1,040.00	-45.00	95.85	-9.45
Gin	56.50	53.00	-3.50	93.81	-6.65
Miller	831.00	824.00	-7.00	99.16	-1.47
Rum	42.00	40.00	-2.00	95.24	-4.00
Sam Adams	1,097.00	1,072.00	-25.00	97.72	-6.75
Schlitz	932.00	904.00	-28.00	97.00	-5.04
Schnapps	56.00	56.00	0.00	100.00	0.00
Vermouth	47.50	47.00	-0.50	98.95	-1.00
Vodka	54.00	49.00	-5.00	90.74	-8.50
Whiskey	84.00	84.00	0.00	100.00	0.00
Totals:	4,450.50	4,327.00	-123.50	97.23	-59.46

Complimentary Totals: 479.00 oz
Canceled Totals: 381.00 oz

END OF REPORT

Berg Infinity Report

Group Name: <Master Group>   **Printed On: 03/20/2000 At 10:37:16 AM**

Brand Name	Pour Sales	Collected Sales	Variance	Pct. Collected Sales
Bailey's	153.00	153.00	0.00	100.00
Bourbon	99.00	90.00	-9.00	90.91
Brandy	79.00	72.00	-7.00	91.14
Budweiser	101.00	88.00	-13.00	87.13
Gin	113.00	110.00	-3.00	97.35
Miller	83.00	80.00	-3.00	96.39
Rum	84.00	80.00	-4.00	95.24
Sam Adams	103.00	95.00	-8.00	92.23
Schlitz	86.00	81.00	-5.00	94.19
Schnapps	112.00	107.00	-5.00	95.54
Vermouth	95.00	90.00	-5.00	94.74
Vodka	108.00	98.00	-10.00	90.74
Whiskey	168.00	160.00	-8.00	95.24
Totals:	1,384.00	1,304.00	-80.00	94.22

Complimentary Totals: 143.00
Canceled Totals: 37.00

END OF REPORT

Server Summary/Clear Server Sales (Z) Report

When you clear server sales at selected ECUs, **Infinity** generates a Current Server Summary/ Clear Server Sales report showing data for each server selected. Only run this report when you want to set sales totals at the ECU(s) to zero for the selected server(s). The following is a description of this report. For help with running the report see *Clear Server Sales at the ECU* in the *Reports* section.

Server Summary/ Clear Server Sales	This report shows the total **Charged Sales**, **Comp. Sales** and **Canceled Sales** for the selected **Server Name**(s).
	The complimentary and canceled totals are not included in the **Charged Sales** totals for the server(s).
Printed On	The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.
Type of Data	To run this report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s).
	The ECUs have 20 slots for individual server sales data. If you have more than 20 servers, you should clear server sales as servers finish their shifts if you want the server sales data at the ECU to be accurate. (If all twenty slots are filled, the 21st server's sales overwrite the sales that have been stored at the ECU the longest and that server's sales are erased.) The total sales data at the ECU remains accurate and complete even if server sales data is erased.
	(If you have a TAP 1 ECU divided into more than 4 partitions, each partition has 10 slots for individual server sales data.)

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Group Name: <Master Group>   Printed On: 03/23/00 At 11:54:43 PM

Server Name	Charged Sales	Comp. Sales	Canceled Sales
Craig	872.00	95.00	7.00
Kelly	905.00	89.00	8.50
Lance	990.00	81.00	7.00
Sara	1,130.00	101.00	6.50
Totals:	3,897.00	366.00	29.00

END OF REPORT

Server Summary Report

The server summary report shows a summary of sales by server(s). This report provides the same information as the Clear Server Sales (Z) report, but the server sales data is not cleared at the ECU. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Server Summary

This report shows the total **Charged Sales**, **Comp. Sales** and **Canceled Sales** for the selected **Server Name**(s).

The complimentary and canceled totals are not included in the **Charged Sales** totals for the server(s).

Printed On

The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.

Type of Data

To run this report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s). This report can only be run as a **Current** report.

The ECUs have 20 slots for individual server sales data. If you have more than 20 servers, you should clear server sales as servers finish their shifts if you want the server sales data at the ECU to be accurate. (If all twenty slots are filled, the 21st server's sales overwrite the sales that have been stored at the ECU the longest and that server's sales are erased.) The total sales data at the ECU remains accurate and complete even if server sales data is erased.

(If you have a TAP 1 ECU divided into more than 4 partitions, each partition has 10 slots for individual server sales data.)

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Current Server Sales   **Berg Infinity Report 4.00.21**   **Page 1**

Group Name: <Master Group>   **Printed On: 03/23/00 At 11:50:44 PM**
Server: <All>

Server Name	Charged Sales	Comp. Sales	Canceled Sales
Craig	1,146.00	100.00	7.00
Kelly	946.00	101.00	6.00
Lance	911.00	96.00	6.50
Sara	933.00	102.00	6.50
Totals:	3,936.00	399.00	26.00

END OF REPORT

Server Sales By Price Level Report

This report shows the total sales for selected servers by price levels. The following is a description of this report. For help with running the report see *Run an Advanced Report* in the *Reports* section.

Server Sales By Price Level	This report shows the number of **Charged + Comp Drinks**, **Charged Sales**, **Comp. Sales** and **Canceled Sales** for each **Server Name** at each **Price Level** of the selected station or group. It also list the number of **Cocktails** poured and the **Cocktail Sales**. The totals are computed for each price level and for all price levels combined.
Printed On	The **Time** and **Date** on the report are the time and date the report was run–not necessarily the time and date of the last station activity.
Type of Data	To run this report the computer must communicate with the selected ECU(s). The data reported on is all data currently stored at the ECU(s) or in other words, all data since the last time you cleared sales at the selected ECU(s). This report can only be run as a **Current** report.

Glossary of Report Terms

See the *Glossary of Report Terms* in this section for further clarification of terms.

BERG'S GOURMET LOUNGE AND RESTAURANT

Group Name: LOUNGE   Printed On: 03/23/00 At 11:56:40 PM
Server: <All>

Server Name	Charged + Comp. Drinks	Charged Sales	Comp. Sales	Canceled Sales	Cocktails	Cocktail Sales
Price Level A						
Craig	109	109.00	33.00	3.50	68	204.00
Kelly	89	89.00	21.00	2.00	26	78.00
Lance	119	119.00	27.00	1.50	29	87.00
Sara	136	136.00	29.00	2.50	60	180.00
A Price Level Totals:	453	453.00	110.00	9.50	183	549.00
Price Level B						
Craig	91	91.00	27.00	3.00	32	96.00
Kelly	78	78.00	34.00	2.00	61	183.00
Lance	76	76.00	23.00	3.50	51	153.00
Sara	93	93.00	28.00	3.00	49	147.00
B Price Level Totals:	338	338.00	112.00	11.50	193	579.00
Price Level C						
Craig	77	77.00	15.00	3.50	53	159.00
Kelly	131	131.00	28.00	1.50	74	222.00
Lance	79	79.00	27.00	2.50	61	183.00
Sara	126	126.00	31.00	3.50	68	204.00
C Price Level Totals:	413	413.00	101.00	11.00	256	768.00
Totals:	1,204	1,204.00	323.00	32.00	632	1,896.00

END OF REPORT

Container Stock Report

This report shows the stock status of all brands included in Inventory. The information in the report is based on the most recent Inventory Check. The following is a description of this report. For help with running the report see *Reports* in the *Inventory* section.

Brand Name	The name of each brand included in Inventory.
Count	The number of containers of the brand in stock.
Container	The type of container used for the brand.
Status	The ordering status of the brand.
Stock Cost	The total cost to you of all containers of the brand on hand. This is the container cost multiplied by the number of containers.
Stock Value	The total retail value of all containers of the brand on hand. This is the retail price per volume unit multiplied by the number of units in the brand's container size multiplied by the number of containers in stock.
Type of Data	The data in Inventory reports reflects the results of the most recent Inventory Check. The computer does not communicate with the selected ECU(s) because all the data comes from the computer's database.

BERG'S GOURMET LOUNGE AND RESTAURANT

Container Stock	Berg Infinity Report 4.11.19	Page 1
Group Name: <Master Group>	**Printed On: 3/1/2001 At 10:41:56 AM**	

Brand Name	Count	Container	Status	Stock Cost	Stock Value
Absolut	2.78	Liter		27.80	282.04
Aperitif	4.00	Liter		24.00	270.54
Bacardi	4.70	Liter		47.00	476.83
Bacardi 151	2.67	Liter		32.04	316.03
Beefeater	3.62	Liter		28.96	306.05
Bombay	4.72	Liter		37.76	399.05
Bourbon	1.95	Liter	**ORDER NOW**	15.60	164.86
Brandy	3.31	Liter		26.48	279.84
Bud Light	4.88	Half Barrel		122.00	387.28
Call	3.00	Liter		30.00	304.36
Call Cordial	4.00	Liter		44.00	405.82
Captain Morgan	4.70	Liter		51.70	476.83
Castillo	1.00	Liter	**ORDER NOW**	11.00	101.45
Chivas Regal	2.67	Liter		40.05	361.18
Coffee Liqueur	3.16	Liter		18.96	213.73
Courvoisier	4.72	Liter		56.64	558.67
DAB	2.91	Half Barrel		87.30	288.67
Domestic Cordial	4.00	Liter		32.00	338.18
Finlandia	4.66	Liter		37.28	393.98
Flavored Brandy	2.20	Liter		8.80	111.60
Gilbey's Gin	3.57	Liter		21.42	241.46
Gin	3.58	Liter		17.90	242.14
Grand Marnier	2.67	Liter		32.04	316.03
HARP	3.89	Half Barrel		136.15	463.07
Honey Brown	4.91	Half Barrel		147.30	487.07
Imported Cordial	3.00	Liter		33.00	304.36
Juice	4.00	Liter		8.00	135.27
Killian's Red	4.83	Half Barrel		120.75	383.31
Labatts	2.87	Half Barrel		86.10	284.70
Miller Lite	3.91	Half Barrel		97.75	310.30
Peach Schnapps	4.32	Liter		21.60	292.19
Peppermint Schnapps	2.33	Liter		11.65	157.59
Premium	4.00	Liter		32.00	338.18
Red	5.00	Liter		20.00	253.64
Ron Rico	2.75	Liter		22.00	232.50
Rum	2.79	Liter		19.53	235.88
Rye	4.42	Liter		30.94	373.69
Samuel Adams	2.87	Half Barrel		86.10	284.70
Scotch	3.39	Liter		23.73	286.61
Skyy	4.65	Liter		37.20	393.13

(This example is page 1 of a multiple page report.)

Cost Analysis Report

This report shows volume poured and volume lost for each brand. The lost volume data is only available if you've entered container amounts from your physical inventory. For help with running the report see *Reports* in the *Inventory* section.

Brand Name   The name of each brand included in Inventory.

Poured   The number of containers of the brand poured in the time between the two most recent Inventory Checks.

Container   The container type assigned to the brand.

Containers Lost   The number of containers of the brand unaccounted for in the time between the two most recent Inventory Checks. (This number is only available if you perform a physical inventory and enter the current stock amount when you run the Inventory Check.)

Lost Value   The retail value of the containers of the brand that are unaccounted for.

Type of Data   The data in Inventory reports reflects the results of the most recent Inventory Check. The computer does not communicate with the selected ECU(s) because all the data comes from the computer's database.

BERG'S GOURMET LOUNGE AND RESTAURANT

Cost Analysis   **Berg Infinity Report 4.11.12**   **Page 1**

Group Name: <Master Group>   **Printed On: 10/23/2000 At 2:42:27 PM**

Brand Name	Poured	Container	Containers Lost	Lost Value
From 10/20/2000 5:09:42 PM To 10/23/2000 2:31:45 PM				
Bailey's	4.58	Liter	0.00	0.00
Brandy	1.40	Liter	0.00	0.00
Bud Light	0.66	Half Barrel	0.00	0.00
Burgundy	23.86	Liter	0.00	0.00
Cabernet	17.92	Liter	0.00	0.00
Call	1.69	Liter	0.00	0.00
Chablis	22.59	Liter	0.00	0.00
Chardonnay	21.50	Liter	0.00	0.00
Club Soda	1.09	Liter	0.00	0.00
Cocktail Mix	1.42	Liter	0.00	0.00
Cognac	1.40	Liter	1.60	135.27
Cointreau	1.42	Liter	0.58	49.04
Coors	0.42	Half Barrel	0.00	0.00
Corona	0.57	Half Barrel	0.43	34.12
Creme de Menthe	1.24	Liter	0.00	0.00
Cuervo Gold	1.43	Liter	0.57	48.19
Domestic Cordial	1.30	Liter	0.00	0.00
Gin	4.95	Liter	0.00	0.00
Guinness	0.54	Half Barrel	0.00	0.00
Heineken	0.48	Half Barrel	0.00	0.00
Kahlua	1.23	Liter	0.00	0.00
Killian's Red	0.55	Half Barrel	0.00	0.00
Merlot	22.83	Liter	0.00	0.00
MGD	0.51	Half Barrel	0.00	0.00
Orange Juice	1.42	Liter	0.00	0.00
Premium	1.48	Liter	0.00	0.00
Premium Cordial	1.24	Liter	0.00	0.00
Riesling	22.38	Liter	0.00	0.00
Rum	2.22	Liter	0.00	0.00
Rye	1.42	Liter	0.00	0.00
Samuel Adams	0.57	Half Barrel	0.00	0.00
Scotch	1.54	Liter	0.00	0.00
Southern Comfort	1.40	Liter	0.00	0.00
Special Cocktail	1.54	Liter	0.89	45.15
Super Call Cordial	1.51	Liter	0.00	0.00
Tequila	2.20	Liter	2.60	175.85
Tonic Water	1.45	Liter	0.00	0.00
Triple Sec	2.25	Liter	0.00	0.00

(This example is page 1 of a multiple page report.)

Brand Information Report

This report shows the brand setup and ordering information you've entered at the computer. The following is a description of this report. For help with running the report see *Reports* in the *Inventory* section.

Brand Name	The name of each brand in your brand list.
Count	The number of containers of the brand in stock.
Container	The type of container used for the brand.
Container Cost	The cost you pay for each container of the brand (entered in Brand List Setup).
Container Value	The retail value of each container of the brand (derived from the retail price per volume unit).
Order Point	The minimum number of containers you want on hand before re-ordering the brand (entered in Brand Wizard or Brand List Setup).
Order Quantity	The number of containers of the brand to be ordered.
Supplier	The name of the supplier of the brand.
Type of Data	The data in Inventory reports reflects the results of the most recent Inventory Check. The computer does not communicate with the selected ECU(s) because all the data comes from the computer's database.
Warnings	You may see one or more messages at the end of the report. These messages help you see how your brands are set up and whether you need to make some changes.
	The messages include: the number of brands without suppliers (these are not part of inventory), the number of brands with an invalid stock count, the number of brands with an invalid order point, the number of brands with an invalid order quantity, and the number of brands not assigned.

BERG'S GOURMET LOUNGE AND RESTAURANT

Brand Information   **Berg Infinity Report 4.11.15**   **Page 1**

Group Name: Master Group   **Printed On: 11/30/2000 At 11:11:46 AM**

Brand Name	Count	Container	Container Cost	Container Value	Order Point	Order Qty.	Supplier
Absolut	6.36	Liter	15.00	101.45	2.00	6	Spirit Supply
Aperitif	0.00	Liter	17.00	67.64	0.00	0	
Bacardi	7.90	Liter	18.00	101.45	2.00	6	Spirit Supply
Bacardi 151	1.85	Liter	20.00	118.36	2.00	6	Spirit Supply
Beefeater	9.54	Liter	19.00	84.55	2.00	6	Spirit Supply
Bombay	4.87	Liter	20.00	84.55	2.00	6	Spirit Supply
Bourbon	2.00	Liter	15.00	84.55	2.00	6	Spirit Supply
Brandy	3.00	Liter	13.00	84.55	2.00	6	Spirit Supply
Bud Light	12.71	Half Barrel	25.00	79.36	2.00	6	Beer Man, Inc.
Call	0.00	Liter	10.00	101.45	0.00	0	
Call Cordial	0.00	Liter	15.00	101.45	0.00	0	
Captain Morgan	0.76	Liter	11.00	101.45	2.00	6	Spirit Supply
Castillo	7.00	Liter	11.00	101.45	2.00	6	Spirit Supply
Chivas Regal	2.00	Liter	15.00	135.27	2.00	6	Spirit Supply
Coffee Liqueur	3.00	Liter	18.00	67.64	2.00	6	Spirit Supply
Courvoisier	0.50	Liter	19.00	118.36	2.00	6	Spirit Supply
DAB	10.40	Half Barrel	30.00	2,976.00	2.00	6	Beer Man, Inc.
Domestic Cordial	0.00	Liter	8.00	84.55	0.00	0	
Finlandia	2.00	Liter	8.00	84.55	2.00	6	Spirit Supply
Flavored Brandy	3.00	Liter	17.00	50.73	2.00	6	Spirit Supply
Gilbey's Gin	3.00	Liter	17.00	67.64	2.00	6	Spirit Supply
Gin	4.00	Liter	16.00	67.64	2.00	6	Spirit Supply
Grand Marnier	2.00	Liter	12.00	118.36	2.00	6	Spirit Supply
HARP	5.63	Half Barrel	35.00	119.04	2.00	6	Beer Man, Inc.
Honey Brown	6.85	Half Barrel	30.00	99.20	2.00	6	Beer Man, Inc.
Imported Cordial	0.00	Liter	11.00	101.45	0.00	0	
Juice	0.00	Liter	15.00	33.82	0.00	0	
Killian's Red	12.81	Half Barrel	25.00	79.36	2.00	6	Beer Man, Inc.
Labatts	4.56	Half Barrel	30.00	99.20	2.00	6	Beer Man, Inc.
Miller Lite	5.87	Half Barrel	25.00	79.36	2.00	6	Beer Man, Inc.
Peach Schnapps	2.00	Liter	15.00	67.64	2.00	6	Spirit Supply
Peppermint Schnapps	3.00	Liter	16.00	67.64	2.00	6	Spirit Supply
Premium	0.00	Liter	18.00	84.55	0.00	0	
Red	0.00	Liter	14.00	50.73	0.00	0	
Ron Rico	4.73	Liter	12.00	84.55	2.00	6	Spirit Supply
Rum	2.00	Liter	13.00	84.55	2.00	6	Spirit Supply
Rye	5.00	Liter	17.00	84.55	2.00	6	Spirit Supply
Samuel Adams	10.58	Half Barrel	30.00	99.20	2.00	6	Beer Man, Inc.
Scotch	0.00	Liter	18.00	84.55	0.00	0	

(This example is page 1 of a multiple page report.)

SECTION 19 Schedules

A schedule lets you automate daily and weekly **Infinity** operations. Various tasks you repeat at the same time every day or week are perfect candidates for a schedule. For example, enabling **Infinity** stations in the morning, changing price levels at happy hour, running daily reports and disabling stations at closing are tasks that can be included in a schedule and performed without you at the computer. Or maybe you perform a series of tasks in a row when you run weekly reports. You can define these tasks in a schedule without a specific time and just run the schedule whenever you want to perform that series of tasks. This section provides help with the following tasks:

Schedule Options

Schedule options specify how report output is generated in a schedule. Perform this task to set up default schedule options used for all new schedules. Defining default options does not affect any existing schedules.
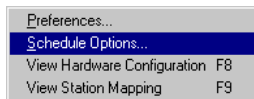
■ **To set up schedule options:**

1. Run **Schedule**.

2. Pull down the **Options** menu and click **Schedule Options...**.

Preferences...	
Schedule Options...	
View Hardware Configuration	F8
View Station Mapping	F9
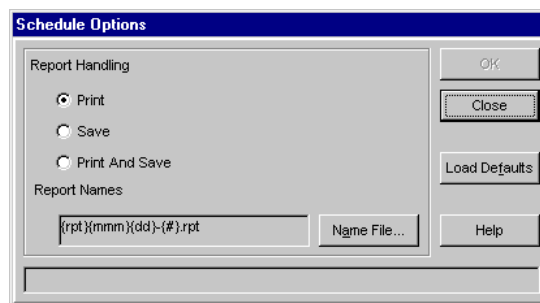
3. Select a **Report Handling** method.

   Print means all scheduled reports are sent to the printer. (Be sure the printer is on when the schedule is running and the paper tray is full.)

   Save means a scheduled report is saved to a file (with a name you can specify).

   Print And Save means scheduled reports are both sent to the printer and saved to a file.

4. To specify a file name for all reports saved to a file, click **Name File...**.
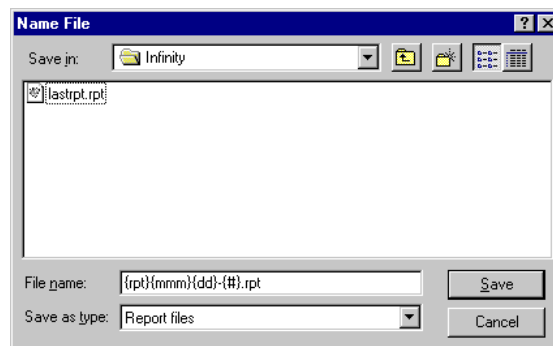
5. Select the folder, type the file name used for all scheduled reports and click **Save**.

Saved Report Files

- If you select Save, reports are saved to a file using the format of the current default printer.

- The file names are listed in the schedule log and error log (e.g., "report written to file ZNov02.rpt").

- Saved report files can only be opened using the Report program. (Go to Advanced Reports, click Open... on the Reports screen and select the file name.)

• The {rpt} abbreviations are:

  Z   (Archive & Clear Sales)
  X1   (Sales Totals)
  X2   (Sales by Price Level)
  X3   (Detailed Sales)
  X4   (Hourly Sales)
  SS   (Sales Summary)
  US   (Usage)
  *S1 (Server X1)
  *S2 (Server X2)
  PL   (Price Level Changes)
  *PP (Price and Portion)
  *CFG (Config)
  *RU (Retail Usage)
  *CPU (Cost Per Unit)
  *PLU (PLU)
  REC (Reconciliation)
  *CS (Container Stock)
  *CA (Cost Analysis)
  *BI (Brand Information)
  Report names with (*) can only be run as custom reports under Schedule.

• If you schedule a custom report, the {rpt} abbreviation used is the "based on" report.

• If brackets don't match up or don't contain one of the defined strings, they are left intact (as part of the file name).

• Examples:

  Z{ddd}.rpt = Ztue.rpt

  {dd}{mmm}{yy}.rpt = 13oct01.rpt

  {dd{xxx}.rpt = {dd{xxx}.rpt (brackets don't match up)

Load Defaults

If you click Load Defaults on the Modify Schedule screen (for an existing schedule), your options are used for the schedule.

The default report name for all scheduled reports is **{rpt}{mmm}{dd}-{#}.rpt**. With this name, the first scheduled Usage report run on June 17 is "USJun17-1.rpt". A second Usage report run the same day is "USJun17-2.rpt".

If you don't want to use the default file name, you can combine any text with the following strings to create your own file name.

{rpt} - the 1-3 character abbreviation for the report, e.g., Z

{dd} - day of the month, e.g., 13

{ddd} - day of the week, short format, e.g., Tue

{dddd} - day of the week, full name, e.g., Tuesday

{mm} - two digit month number, e.g., 10 (for October)

{mmm} - name of the month short format, e.g., Oct

{mmmm} - name of the month, full name, e.g., October

{y} - day of the year, e.g., 355 for Dec. 21

{yy} - two digit year, e.g., 00

{yyyy} - four digit year, e.g., 2000

{#} - first number to make the file name unique
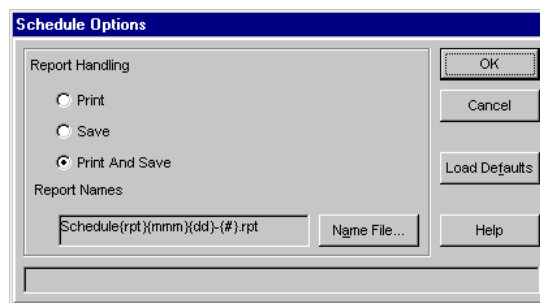
6. Click **OK** to save the options.

Note

❑ If you select new schedule options on the **Options** tab of the the **New Schedule** or **Modify Schedule** screen, those options apply ONLY to the specific schedule being created or modified.
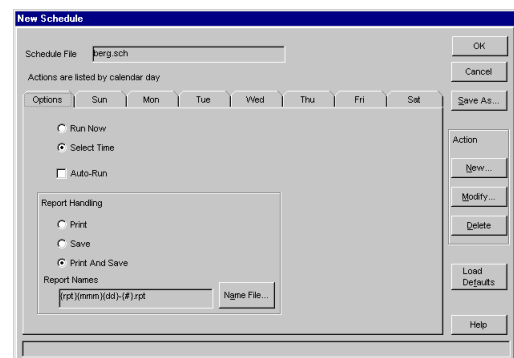
Create a Time Schedule

Creating a Time schedule defines which tasks or actions you want **Infinity** to perform automatically and at what time(s). The actions you can schedule include running reports, clearing ECU sales, enabling and disabling stations, changing price levels and exporting. The way you use your **Infinity** system determines what type of schedules work best for you. You may want a master schedule running constantly that handles all **Infinity** operations. Or you may want schedules that you run at specific times of the week or month. If you don't want to define specific times for the actions in your schedule see *Create a Run Now Schedule* in this section.

■ **To create a Time schedule:**

1. Run **Schedule**.
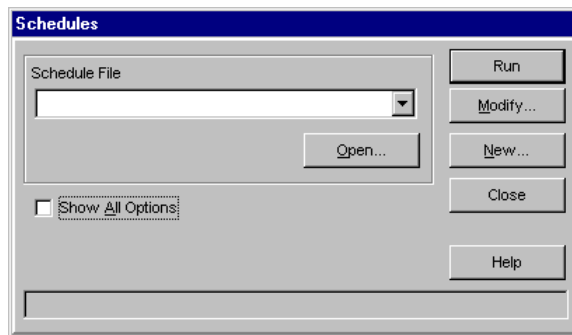
2. Click **Schedules...**.

3. Click **New...**.
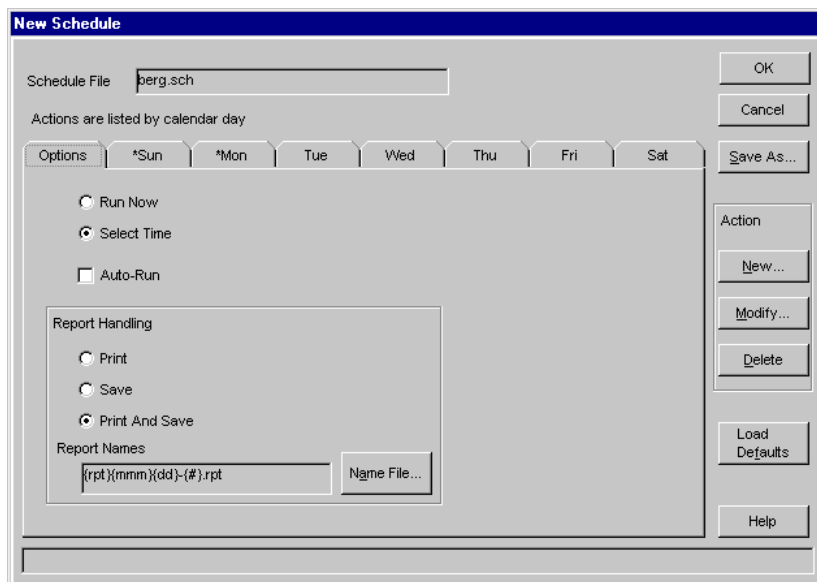
A schedule appears with the name berg.sch.

4. Click **Select Time** (if necessary).

5. Click **Auto-Run** if you want the schedule to automatically run whenever Windows is started.

6. Select a report handling method (if you don't want to use your default method). For a description of the methods, see *Schedule Options* in this section.

7. Click one of the tabs to define actions for that day.

The days of the week are arranged as tabs on the screen. On each tab you specify Actions which are performed for a selected Station/Group.

8. Click **New...** to add an **Action** (or double-click on an empty row).

9. Type the **Time** you want the action to occur.

   Use the time format of your Windows operating system. You can specify any hour, minute and second of the day or night. (12:00AM is midnight, 12:00PM is noon.)

10. Select an **Action** and the **Station/Group** to receive the action. Provide additional information about the action if necessary. See *Schedule Actions* in this section.

11. Click **OK** to save the action on the specified day.

Days with defined actions are denoted by an asterisk on the tab.
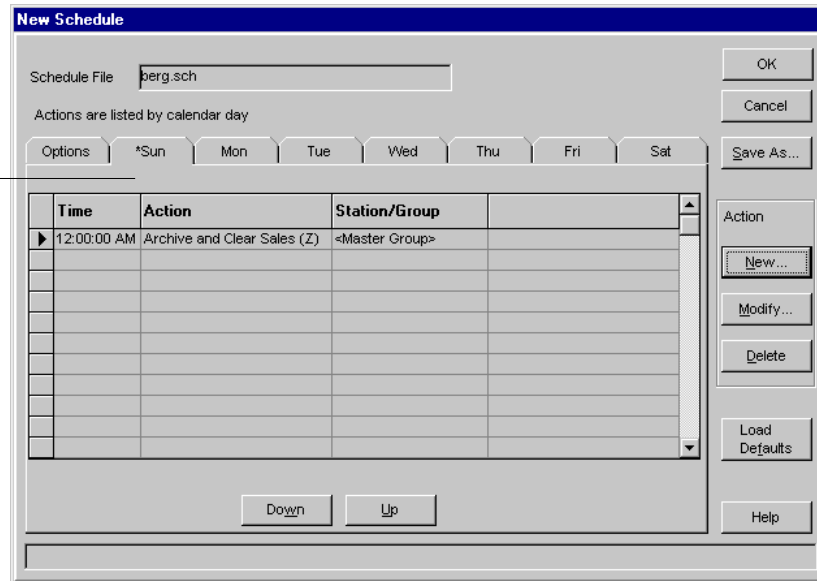
12. Repeat steps 8-11 to add new actions to the same day.

Actions with identical times are scheduled in the order you list them, so be sure you have the correct sequence. You can select an action with the mouse and drag it to a different position.
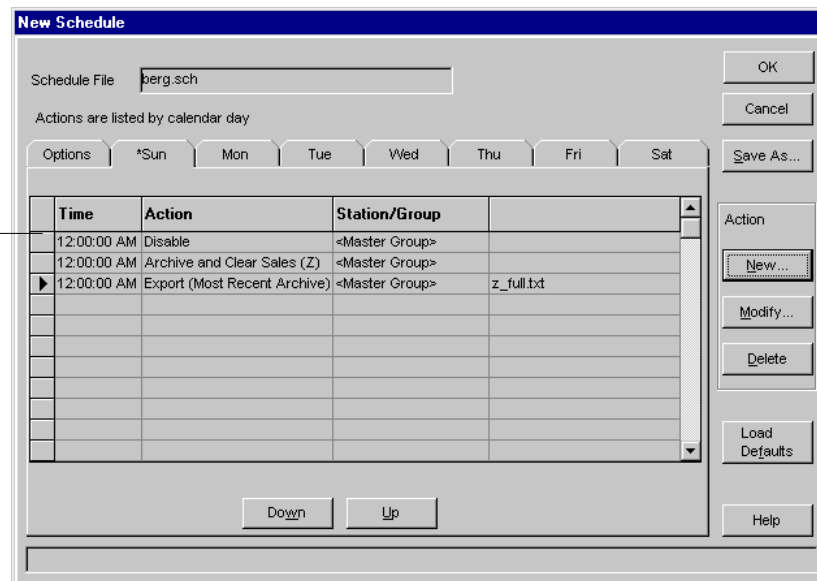
13. Click a new day tab when you've completed your first day.
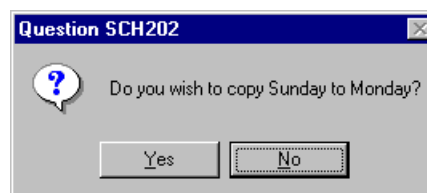
14. Click **Yes** if you want to copy the actions of one day to another. Or click **No** to assign different actions to the new day.
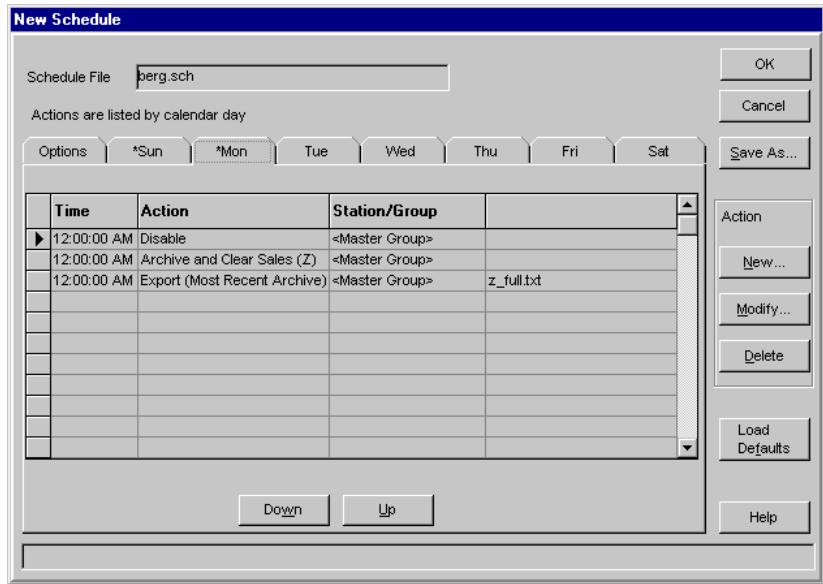
15. Continue by defining new actions for each day or copying one day's actions to another.

16. Click **OK** to save the schedule with the displayed name. To save the schedule with a different name, click **Save As...** and type in a new file name.

17. Choose the folder to save in and click **Save**.

18. Click **Close** to exit the **Schedules** screen.

Note

❑ You can only define one **Auto-Run** schedule. (If you select **Auto-Run** on a second schedule, it's de-selected on the first schedule.)

Create a Run Now Schedule

A Run Now schedule does not perform actions at specific times. Instead, it performs a series of actions one after another whenever you run the schedule. This is useful if you want to automate a series of tasks but you don't want to specify an exact time for the tasks. The actions you can schedule include running reports, clearing ECU sales, enabling and disabling stations, changing price levels, exporting and running another program. A Run Now schedule automatically stops running after all actions are performed.

■ **To create a Run Now schedule:**

1. Run **Schedule**.

2. Click **Schedules...**.
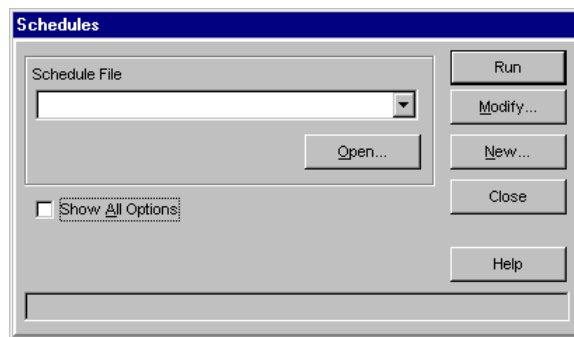
3. Click **New...** .
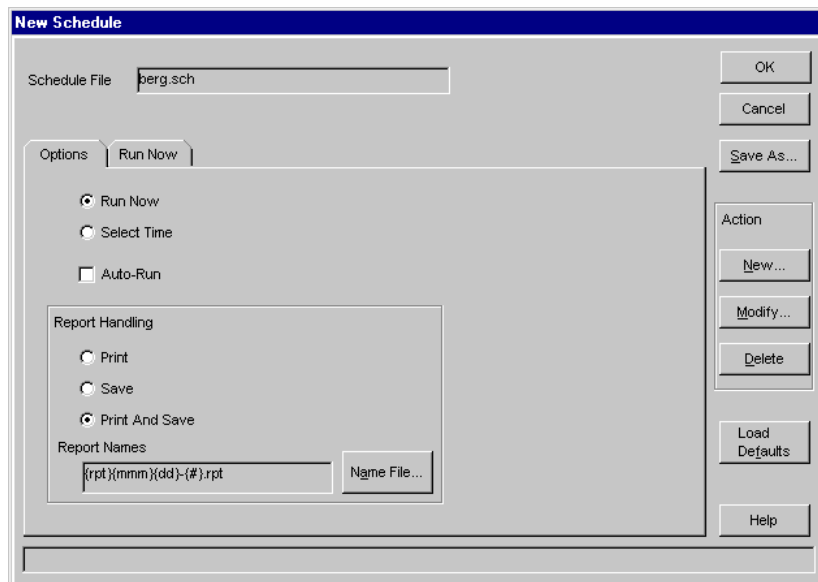
4. Click **Run Now**. A **Run Now** tab appears.

5. Click **Auto-Run** if you want the schedule to automatically run whenever Windows is started.

6. Select a report handling method (if you don't want to use your default method). For a description of the methods, see *Schedule Options* in this section.

7. Click the **Run Now** tab.

8. Define the **Actions** you want to occur in the schedule. See *Create a Time Schedule* or *Schedule Actions* in this section.
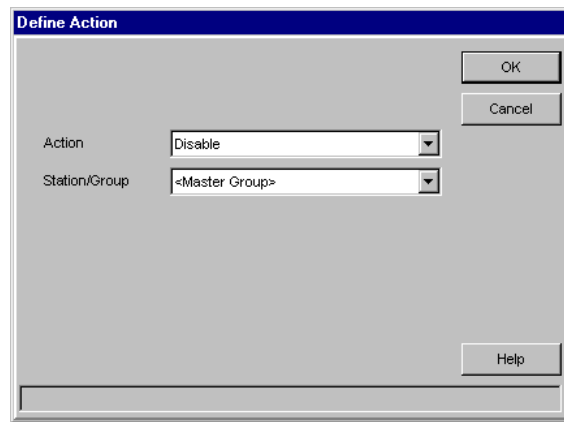
You won't be specifying any times for the actions. The actions will be performed as they're listed on the schedule.

Run Now Example

This type of schedule could be helpful at closing.

- Perhaps you always disable stations, clear ECU sales and export data to your spreadsheet when you close at night, but the time varies from day to day.

- Put those events in a schedule called 'Closing'. The schedule won't run until you start it.

- Whenever you're ready, run the schedule and the tasks will be completed in order while you're busy with something else.
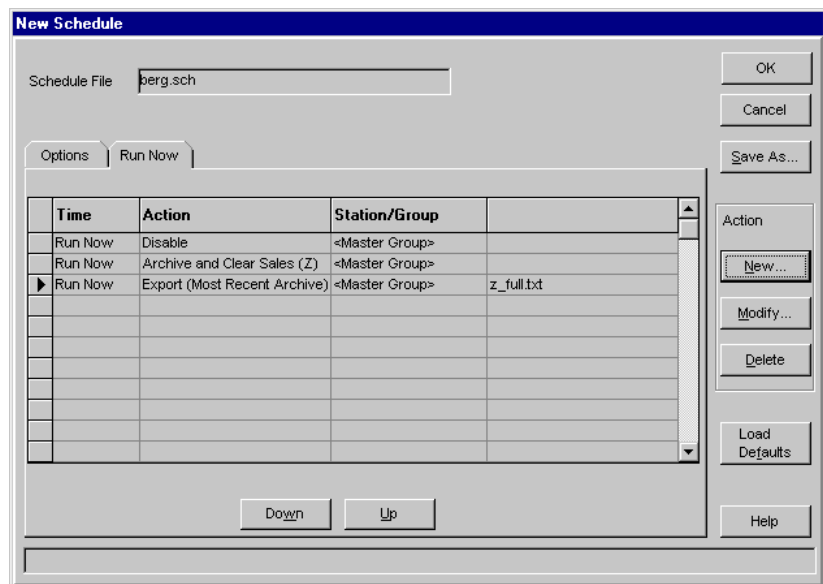
9. Click **OK** to save the schedule with the displayed name. To save the schedule with a different name, click **Save As...** and type in a new file name.

10. Choose the folder to save in and click **Save**.

11. Click **Close** to exit the **Schedules** screen.

Schedule Actions

Schedule actions are the tasks you want **Infinity** to automatically perform. You can define a specific time to perform the actions by creating a Time schedule. Or, you can simply define a series of actions without a scheduled time by creating a Run Now schedule. When you create either type of schedule, you must define the specific actions, the order of the actions and the station(s) or group(s) to receive the action.

Report Options

- All standard reports in the list use the options set in the Options menu of the Report program except for options for the type of data. Some reports in the list let you select Current or Most Recent Archive; export is Most Recent Archive only.

Custom Reports & Exports

- To use different report options in a scheduled report or export or schedule a non-listed report, create a custom report or custom export in either the Schedule program or the Report program. *See Create a Custom Report* and *Create a Custom Export* in the *Reports* section.

Exit Schedule

- Include Exit Schedule to automatically stop the schedule at a specific time. The schedule won't exit until the previous action is complete. The schedule does not automatically start again after it exits.

■ To add a new schedule action:

1. Access the **New Schedule** or **Modify Schedule** screen. See *Create a Time Schedule*, *Create a Run Now Schedule* or *Modify a Schedule* in this section.

2. Click **New...** to add an **Action**.

3. Select an **Action** and the **Station/Group** to receive the action. Provide additional information and specify a time if necessary.

4. Click **OK**. The selected **Action** and **Station/Group** are added to the tab on the line with the arrow cursor.

Action	Task Performed
Archive and Clear Sales (Z)	Clears ECU sales and runs the report for the station/group
Sales Totals (X1)	Runs the report for the station/group
Sales by Price Levels (X2)	Runs the report for the station/group
Detailed Sales (X3)	Runs the report for the station/group
Sales Summary	Runs the report for the station/group
Usage	Runs the report for the station/group
Hourly Sales (X4)	Runs the report for the station/group
Price Level Changes	Runs the report for the station/group
Export (Most Recent Archive)	Exports data from the last Clear Sales for the station/ group (specify file name)
Enable	Enables ECUs in the station/group
Disable	Disables ECUs in the station/group
Change Price Level	Changes price levels at all ECUs in the station/group (specify new price level)
Interface (must be installed)	Enable or disable
Switch Category	Switches price/portion cateogry (specify the from and to category)
Inventory Check	Adjusts inventory, generates order
Custom Report	Runs the report for the station/group (specify which custom report)
Custom Export	Exports custom data (specify file name)
Exit Schedule	Stops the currently running schedule
Run Program	Runs a specified program and waits for its completetion

- If you select Change Price Level, select the price level.

- If you select Custom Report or Custom Export, select the custom name.

- If you select Usage or Summary Report, enter the Days Ago. The report includes archive records from the number of days ago until today.
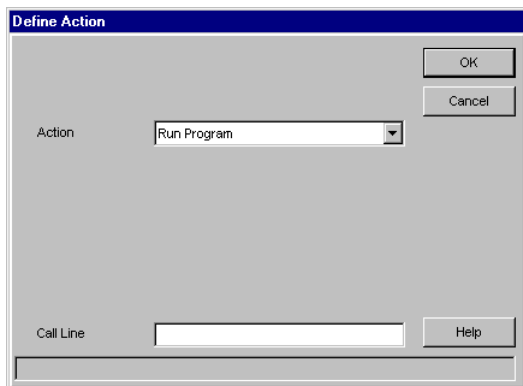
- If you select Export, click Save As to change the name of the export file.

- If you select Inventory Check, you should precede it with an Archive and Clear Sales (Z). Make sure order point, order quantity and order cost are accurate. Orders will be printed and a Container Stock report run.

- If you select Interface, choose Enable or Disable.

(continued on next page)

- If you select Run Program, enter the call line of the program.
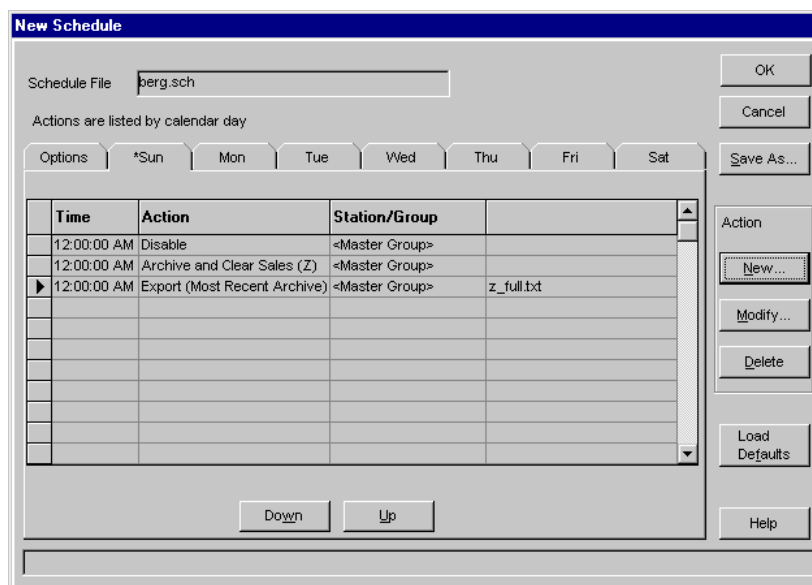
- If you select Switch Category, select the "from" category and the "to" category.

■ **To replace a schedule action:**

1. Access the **New Schedule** or **Modify Schedule** screen.

Actions are performed in the order you list them on the tab so be sure you have the correct sequence.

2. Point the arrow cursor at the **Action** you want to replace.

3. Click **Modify...**.
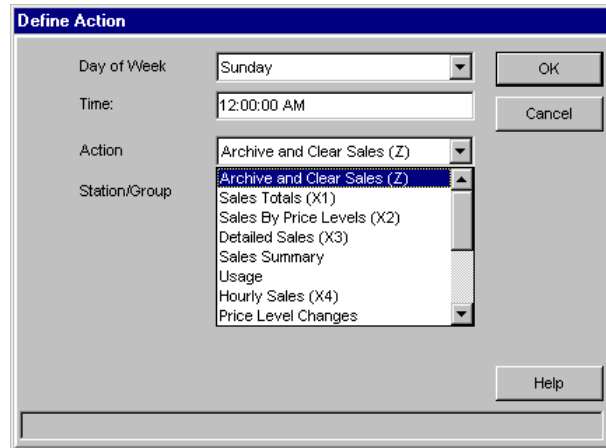
4. Select a new **Day of Week** or type a new **Time** if necessary.

5. Select a new **Action** and **Station/Group**. Provide additional information if necessary.

6. Click **OK**. The new **Action** and **Station/Group** are added to the list, replacing the old ones.

■ **To delete a schedule action:**

1. Access the **New Schedule** or **Modify Schedule** screen.

2. Point the arrow cursor at the **Action** you want to remove.

3. Click **Delete**. The **Action** is removed from the list.

■ **To rearrange schedule actions:**

1. Access the **New Schedule** or **Modify Schedule** screen.

2. Point and click the arrow cursor at an **Action**.

3. Drag and drop the **Action** to the desired position or use the **Up** and **Down** buttons to move the selected **Action**.

Run a Schedule

A schedule you've created (Time or Run Now) does not run until you tell the **Schedule** program to run it. You must start the **Schedule** program, select the schedule file you want and click **Run**. (If you want a schedule to run automatically, see the **Auto-Run** feature in the *Notes* of this task.) If you start a Run Now schedule, scheduled actions run as soon as you click **Run** on the **Schedules** screen. A Run Now schedule stops after performing its actions. Time schedules run continuously until you stop or pause them (unless you've included an Exit Schedule action). You can't perform tasks in other **Infinity** programs while a schedule is running unless you pause the schedule. You can always use other Windows applications.

■ **To run a schedule:**

1. Run **Schedule**.

2. Click **Schedules...**.

The schedule does not start until you click Run.
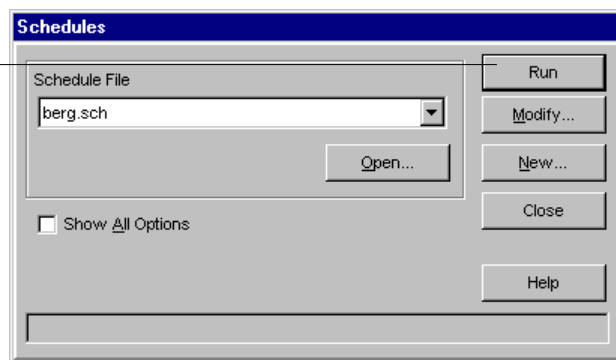
3. Select the schedule you want to run. (If the schedule is not in the drop-down menu, click **Open...** to find it.)

4. Click **Run**.

Screen Savers
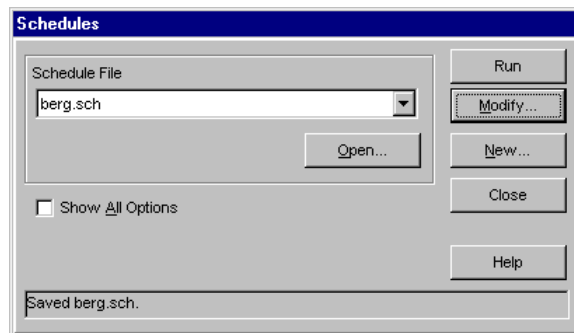
● *Screen savers are stopped whenever a schedule action is started. This prevents the possibility of the screen saver interfering with the scheduled actions.*
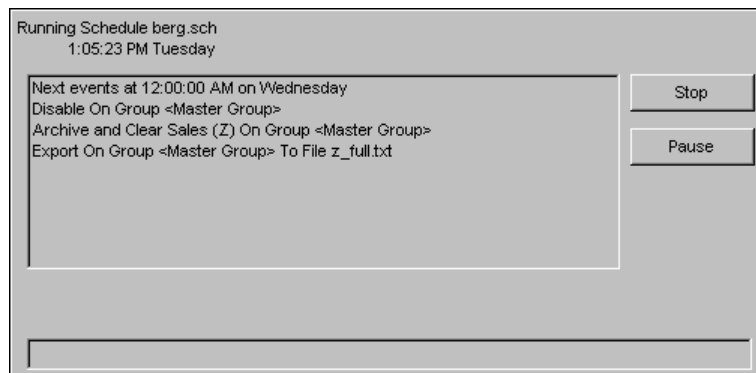
A Time schedule displays the schedule name, the current time and day and the time of the next event in the schedule. A Run Now schedule displays a list of the events in the schedule and begins performing the first action. A Run Now schedule stops automatically when all actions are completed.

5. To pause a Time schedule, click **Pause**. (If you use password protection, a user name and password with a valid security level must be entered to stop a schedule.)
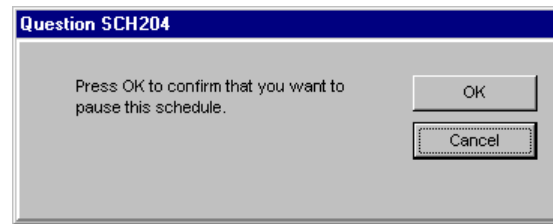
Click **OK** to confirm the pause.
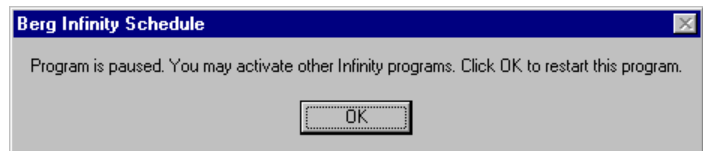
You must click **OK** to restart the schedule. When the schedule is resumed, all actions that should have taken place during the paused time will be performed.

6. To stop a time schedule click **Stop**. (If you use password protection, a user name and password with a valid security level must be entered to stop a schedule.)
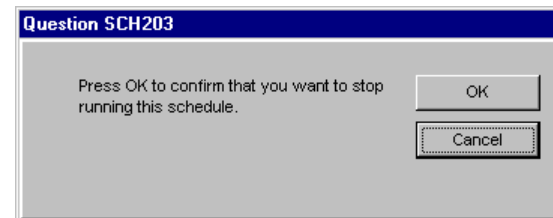
7. Click **OK** to confirm the stop.

Notes

❑ **Auto-Run**
   If you plan to run a schedule continuously, select **Auto-Run** when you create the schedule. The schedule automatically runs whenever Windows is running. (For Windows NT, a user must log on before the schedule will run.)

❑ **Auto-Recovery**
   If a running schedule is stopped due to a computer crash, power failure, etc., the schedule automatically recovers when the computer re-boots. Any events scheduled for times during the power outage are lost.

Modify a Schedule

You can easily change the times or actions in a schedule if you need to modify it. You can also modify a schedule and save it with a new name if you want to keep both the original and modified schedules.

■ **To modify a schedule:**

1. Run **Schedule**.
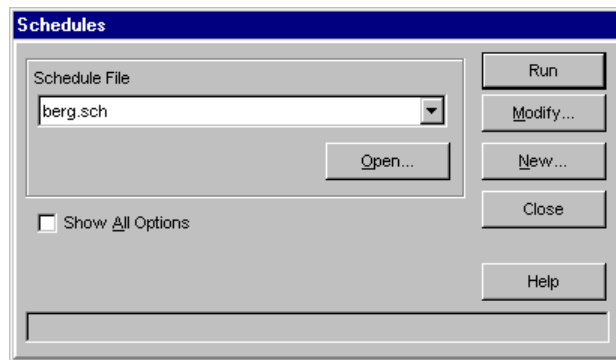
2. Click **Schedules...**.

3. Select the schedule you want to modify. (If the schedule is not in the drop-down menu, click **Open...** to find it.)

4. Click **Modify...**.
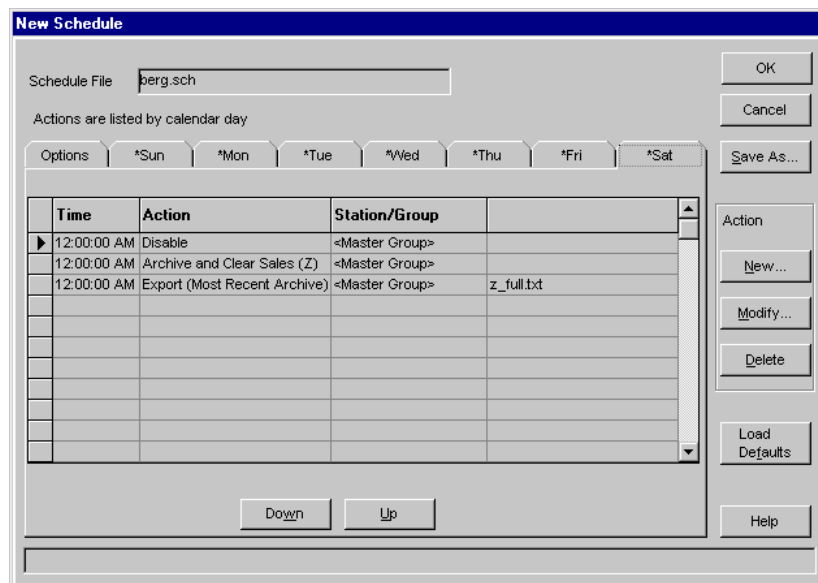
5. Make modifications to any actions you've defined for the schedule. See *Create a Time Schedule*, *Create a Run Now Schedule* or *Schedule Actions* in this section if you need help.

New Schedule

Schedule File: berg.sch

Actions are listed by calendar day

| Options | *Sun | *Mon | *Tue | *Wed | *Thu | *Fri | *Sat |

	Time	Action	Station/Group	
	12:00:00 AM	Disable	<Master Group>	
	12:00:00 AM	Archive and Clear Sales (Z)	<Master Group>	
	12:00:00 AM	Export (Most Recent Archive)	<Master Group>	z_full.txt
▶	5:00:00 PM	Price Level Changes	<Master Group>	

OK
Cancel
Save As...

Action
New...
Modify...
Delete
Load Defaults
Help

Down   Up
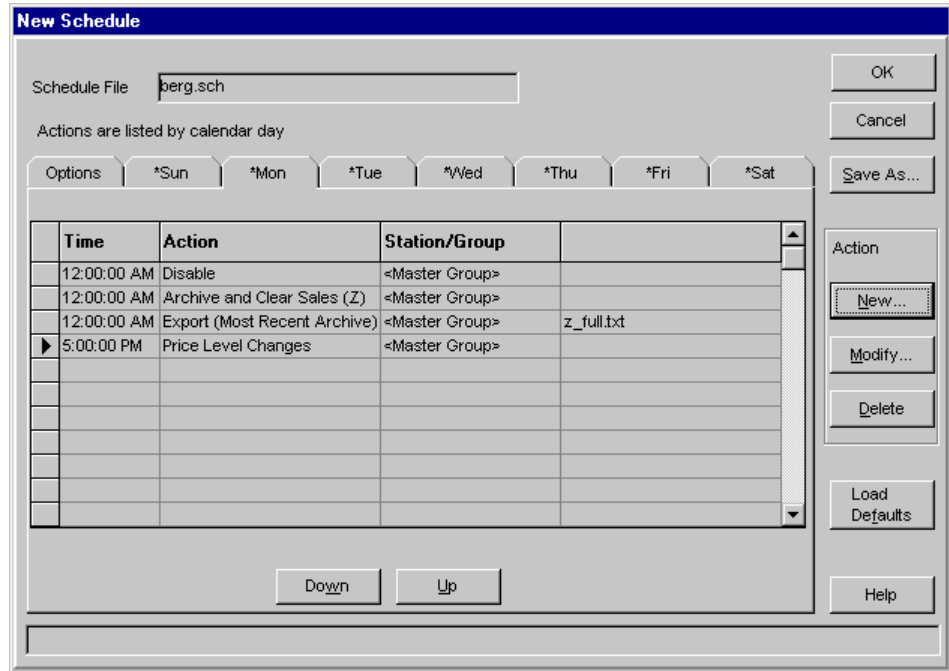
7. Click **OK** to save your changes or click **Cancel** to exit without saving.

OR

Click **Save As...** to give the modified schedule a new name. Type the new **File Name** and click **Save**. This leaves the original schedule intact if you haven't saved any modifications under the old name.

Schedules

Schedule File

berg.sch

Open...

☐ Show All Options

Run
Modify...
New...
Close
Help

Saved berg.sch.

8. Click **Close** to exit the **Schedules** screen.

Print a Schedule

When you print a schedule you get a copy of all the times and actions included in the schedule.

■ To print a schedule:

1. Run **Schedule**.

2. Click **Schedules...**.
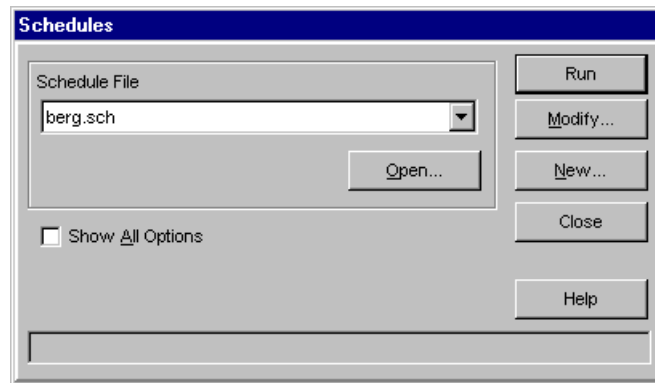
3. Select the schedule you want to print. (If the schedule is not in the drop-down menu, click **Open...** to find it.)

4. Select **Show All Options**.
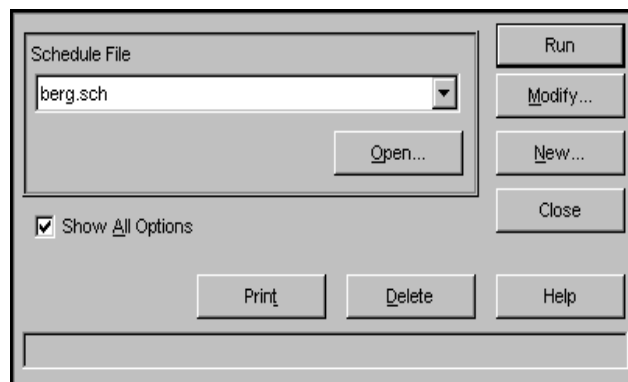
5. Click **Print**. You'll be prompted to select a printer. The printer you select becomes your default printer for all programs running under Windows.

6. Click **Close** to exit the **Schedules** screen.

berg.sch

VERSION 40
OPTIONS
At 2:30:00 AM Sunday
GRP "<Master Group>"
DA
GRP "<Master Group>"
Z
GRP "<Master Group>"
EXP z_full.txt
At 10:00:00 AM Sunday
GRP "<Master Group>"
EA
At 3:00:00 PM Sunday
GRP "<Master Group>"
PB
At 7:00:00 PM Sunday
GRP "<Master Group>"
PC
At 2:30:00 AM Monday
GRP "<Master Group>"
DA
GRP "<Master Group>"
Z
GRP "<Master Group>"
EXP z_full.txt

The abbreviations used in the schedule are listed in the table with their associated actions.

Action	Abbreviation
Archive and Clear Sales (Z)	Z
Sales Totals (X1)	X1 Z (most recent archive) X1 C (current)
Sales by Price Levels (X2)	X2 Z (most recent archive) X2 C (current)
Detailed Sales (X3)	X3 Z (most recent archive) X3 C (current)
Sales Summary	SR 'number of days ago '
Usage	UR 'number of days ago '
Hourly Sales (X4)	X4
Price Level Changes	PL
Export (Most Recent Archive)	EXP 'file name'
Enable	EA
Disable	DA
Change Price Level	PA (change to level A) PB (change to level B) PC (change to level C)
Interface	IF0 (disable) IF1 (enable)
Switch Category	STBL 'category 1' 'category 2'
Inventory Check	INV
Custom Report	CUST 'name of report'
Custom Export	CEXP 'name of export file'
Run Program	RUN 'name of program'
Exit Schedule	EXIT

Delete a Schedule

You can delete schedules you have created. You may want to do this if you have old, unused schedules taking up disk space.

■ **To delete a schedule:**

1. Run **Schedule**.

2. Click **Schedules...**.
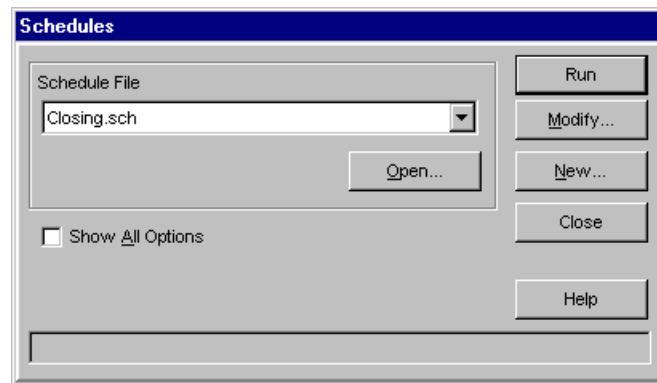
3. Select the schedule you want to delete. (If the schedule is not in the drop-down menu, click **Open...** to find it.)

4. Select **Show All Options**.
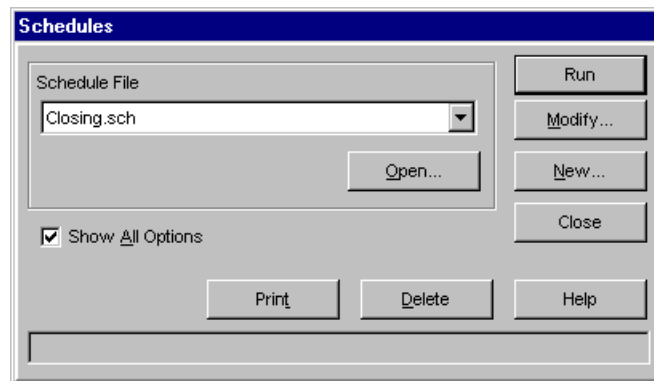
6. Click **Delete**.
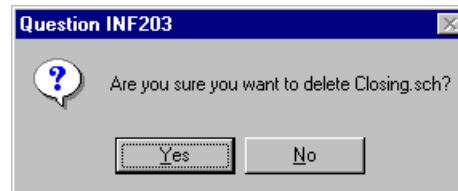
7. Click **Yes** to confirm the deletion or click **No** to cancel the deletion.
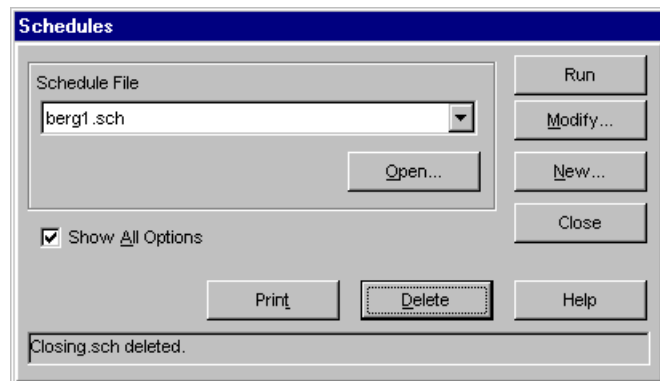
8. Click **Close** to exit the **Schedules** screen.

Schedule Log

The schedule log is a record of all schedule events. It provides the date(s) and time(s) schedules are started and stopped and all the actions the schedules perform. The schedule log storage length (how long **Infinity** continues to store events in the log) is set under Data Storage and Display Options during software installation. You can view all or a portion of the schedule log and delete all or a portion of it when you no longer need it. If you want to see more details about schedule errors see *Error Log* in this section.


■ **To view, print or delete the schedule log:**

1. Run **Schedule**.

2. Pull down the **Logs** menu and click **Schedule Log....**

Schedule Log...
Error Log...

Schedule Log

☐ Entire File	End of Day	2:00:00 AM
	End of Week	Sunday
○ Weekly	Weeks Ago	0
○ Monthly	Months Ago	0
◉ Date Range	From Date	2/4/97
	To Date	2/4/97
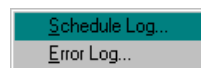
View...
Print
Close
Delete
Help
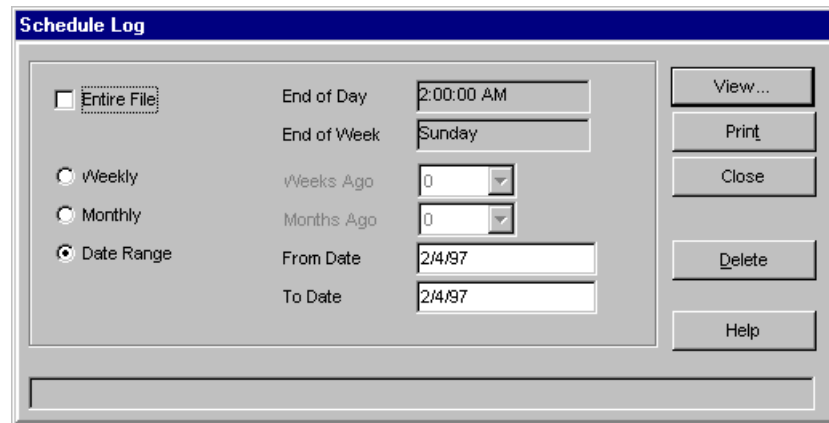
3. Select the portion of the log you want to view, print or delete.

    Entire File is the complete schedule log. This could be a large file. Its size is determined by your schedule log storage length (how old the log is), the number of schedules you run, how often you start and stop them, the number of actions in your schedules, etc.

    Weekly is a selected business week of the log. (A business week is defined by the **End of Week** day.) The week can be the current week, 1, 2 or 3 weeks ago.

    Weeks Ago specifies which week's data to use. 0 is the current business week (from the first day of the week to today), 1 is the business week before the current week, 2 is the week before that, etc.

    Monthly is a selected calendar month of the log. The month reported on can be the current month or any month up to a year ago.

Months Ago specifies which month's data to use. 0 is the current month (from the first day of the month to today), 1 is the month before the current month, 2 is the month before that, etc.

Date Range is specific range of business days of the log. (A business day is defined by the **End of Day** time.)

4. To view the selected portion of the log click **View**.
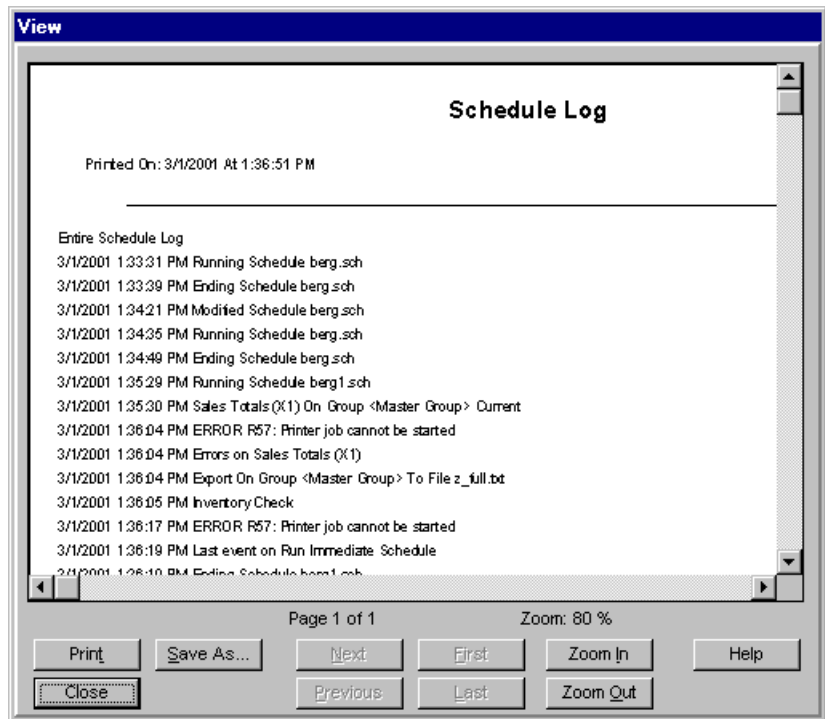
Use the scroll bars and **Zoom In** and **Zoom Out** to manipulate the view. You can maximize the screen by double-clicking the title bar.

Click **Save As...** to save the log to file.
Click **Print** to print the log.
Click **Close** to exit the **View** screen.

5. To print the selected portion of the log click **Print**.

The default printer and printing options set under Windows are used to print the report.
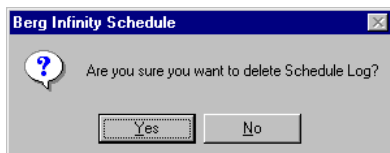
6. To delete the selected portion of the log click **Delete**. Click **Yes** to confirm the deletion or click **No** to cancel the deletion.

7. Click **Close** to exit the **Schedule Log** screen.

Error Log

A schedule error log is a detailed listing of errors that occurred while a particular schedule was running. There is a different error log file for each schedule. The name of the error log file matches the name of the schedule and has a .ERR extension. The contents of this log is especially helpful during troubleshooting. This log is overwritten each time you start the same schedule so check the log before restarting a schedule if you're having problems.

■ **To view, print or delete the error log:**

1. Run **Schedule**.

2. Pull down the **Logs** menu and click **Error Log...**.
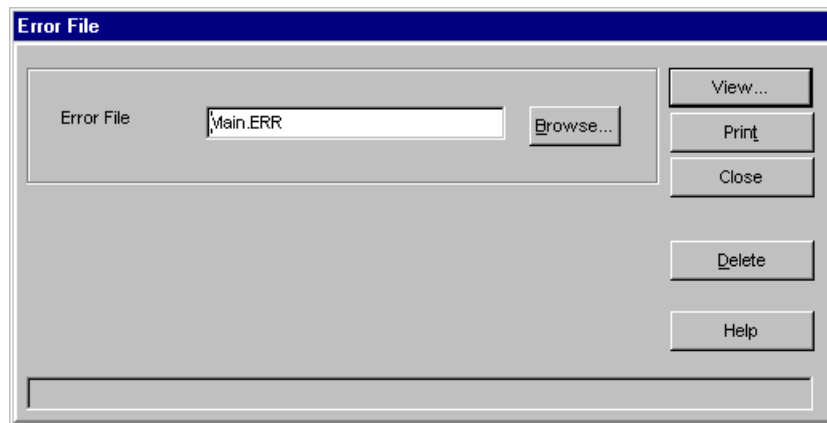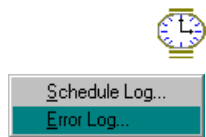
3. Select the **File Name**. The name of an error log file matches the name of the schedule it pertains to (with a .ERR extension.)

   Click **Open...** if the error log file name is not displayed.
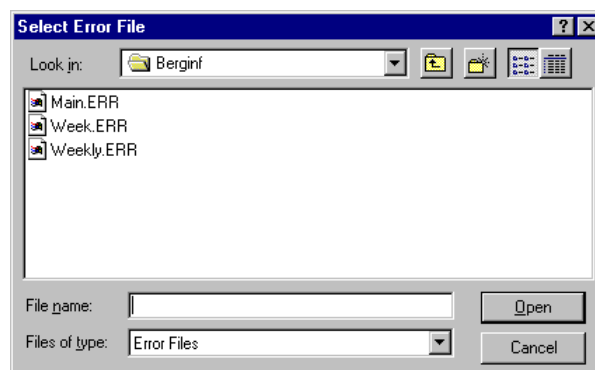
4. Click **Open**.

5. To view the **Error Log** click **View**.

Use the scroll bars and **Zoom In** and **Zoom Out** to manipulate the view. You can maximize the screen by double-clicking the title bar.

Click **Save As...** to save the log to file.
Click **Print** to print the log.
Click **Close** to exit the **View** screen.

6. To print the Error Log click **Print**.

    The default printer and printing options set under Windows are used to print the report.

7. To delete the Error Log click **Delete**.

    Click **Yes** to confirm the deletion or click **No** to cancel the deletion.

8. Click **Close** to exit the **Error File** screen.

SECTION 20 Database Management

It's important to backup and maintain your **Infinity** database. The database includes configuration and setup data you've entered and any accumulated archive sales records. Berg strongly recommends backing up all configuration and setup data as soon as you've set everything up. Then if something happens to the database or the computer you can simply reload your copy of setup data and not spend time re-entering everything. **Infinity** comes with a **Utilities** program to help perform database tasks. If, as a dealer, you enter setup information off-site, you can use the **Utilities** program to save setup data and reload it on the day of installation. This section provides help with the following tasks:

Store Configuration Settings

Infinity configuration settings include all configuration options you select during software installation, all equipment setup data (networks, ECUs, stations, groups), all calibration settings, all brand, price, portion and dispenser assignment data, server ID entries (if any), system report options and schedules you have created (if any). Sales records are not included in configuration settings. Perform this task after you've entered all your configuration settings and also anytime you change your configuration settings. This will give you a backup copy in case something happens to the **Infinity** configuration settings on your computer's hard drive. You should also perform this task as a dealer if you are entering customer configuration settings off-site prior to installation.
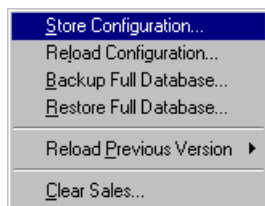
■ **To store configuration settings:**

1. Run **Utilities**.

2. Pull down the **Backups** menu. Click **Store Configuration...**.
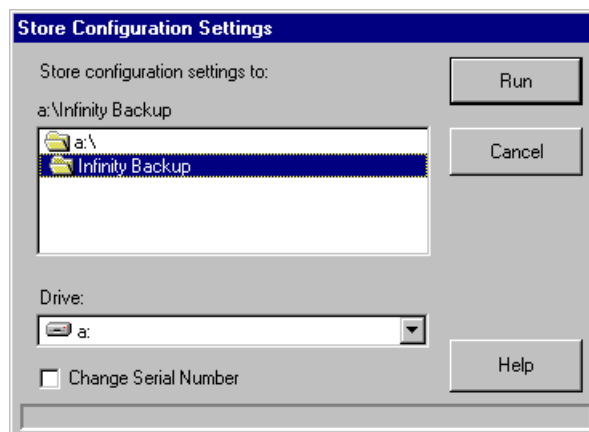
3. Insert the backup disk into the selected drive.

   It's a good idea to store a copy of configuration settings on a separate floppy or other disk rather than on your hard drive.

4. Select the **Drive** letter and folder where you want to store the backup copy. Berg recommends the destination be clear of all other files.

5. Select **Change Serial Number** if you want to type in a different serial number for the configuration settings.

   Use this option as a dealer if you are setting up for a customer site and you have a different serial number than the customer. See *Preconfigure Software Files* in the *Getting Started* section.

6. Click **Run**.

Confirm Path

Store configuration settings from D:\TMP to a:\? Berg recommends that the destination be empty of all other files.

Yes   No
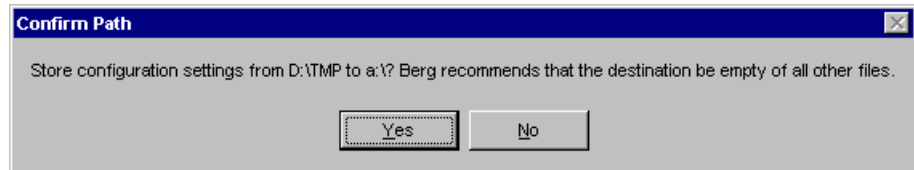
7. Click **Yes** to confirm the store procedure.

Change Serial Number

Current Serial Number   [   ]   Continue...

Destination Serial Number   [   ]   Cancel
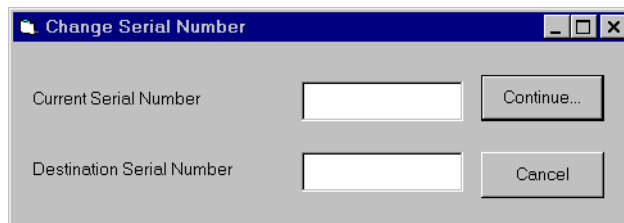
8. If prompted, type the **Current Serial Number** and the **Destination Serial Number** and click **Continue...**.

    The current serial number is the serial number of the **Infinity** program you're using. The destination serial number should match the customer's **Infinity** database.

9. Remove the backup disk. Clearly label the disk and store it in a safe place.

Note

❑ Storing configuration settings with the correct serial number is very important. You should only reload configuration settings at an installation site that have the same serial number and version of software as the customer's copy of **Infinity**.

Reload Configuration Settings

Perform this task when you need to reload a previously saved copy of **Infinity** configuration settings to your hard drive. As a dealer, use this procedure to load configuration settings you've entered and saved at your office onto the computer at the customer site. You must have previously stored configuration settings to perform this task. Reloading configuration settings replaces any existing configuration settings. These settings do not include any sales records. For a list of configuration settings, see *Store Configuration Settings* in this section.

■ **To reload configuration settings:**

1. Run **Utilities**.

2. Pull down the **Backups** menu. Click **Reload Configuration...**.

Store Configuration...
Reload Configuration...
Backup Full Database...
Restore Full Database...

Reload Previous Version ▶

Clear Sales...

Reload Configuration Settings

Reload configuration settings from:

a:\Infinity Backup

📁 a:\
📁 Infinity Backup

Drive:
💾 a:

Run

Cancel

Help
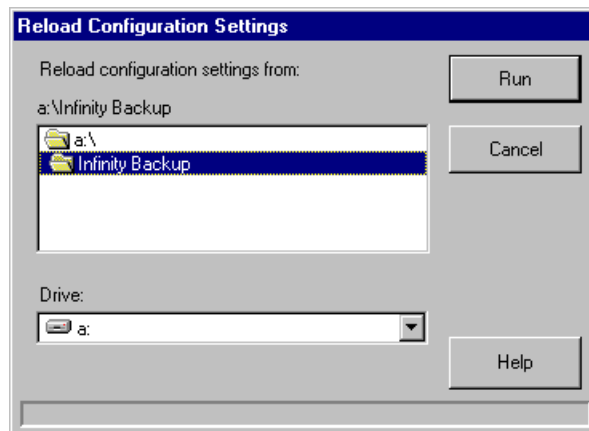
3. Insert the backup disk into the selected drive.

4. Select the **Drive** letter of the backup disk and the folder where you've stored the backup copy.

5. Click **Run**.

Question U204 ✕

? Reload configuration settings from a:\Infinity Backup to D:\berg\Software\infinity?

[Yes]   [No]
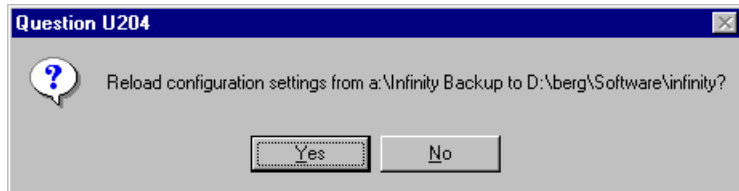
6. Click **Yes** to confirm the reload procedure.

   Wait while the files are reloaded on the hard drive.

7. Remove the backup disk.

Notes

❑ If the serial number of the reloaded configuration settings does not match the serial number of the existing database, the **Infinity** programs will not run.

❑ If you attempt to reload settings from a different version of software, an error message will prevent you from doing so.

Backup the Full Database

This procedure copies all configuration and setup data and any accumulated sales records. The amount of space required for the backup depends on the size of your database. Perform this procedure regularly if archive sales records are essential to the management of your business. If you want a complete, current copy of your database you need to back it up every time you clear sales at the ECUs or make any changes to configuration and setup data. If you don't need archive sales records or you use printed reports for your backup records, you don't need to perform a full database backup. Use the procedure outlined in *Store Configuration Settings* in this section.

■ **To backup the full database:**

1. Run **Utilities**.

2. Pull down the **Backups** menu. Click **Backup Full Database...**.
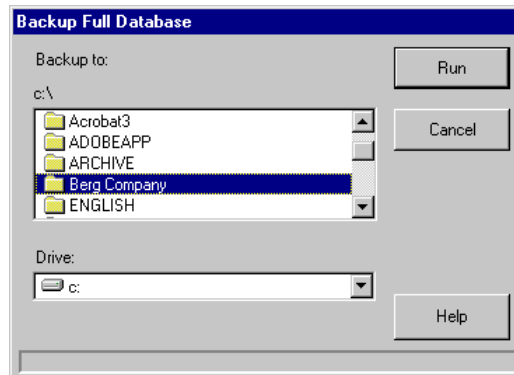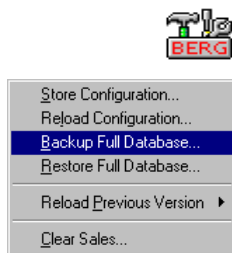
3. Select the location for the backup.
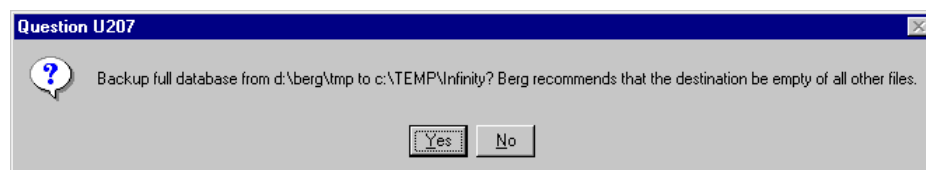
4. Click **Yes** to continue.

   If prompted, insert any backup disks into the selected drive.

   Wait while the files are copied to the selected destination.

The files are compressed
(deflated) to minimize
the space required. If you
reload the files, they will
be expanded (inflated).

```
C:\WINNT\System32\command.com                                    _ 回 X
 Adding: POS.DB        Deflating (97%), done.
 Adding: PRICE.DB      Deflating (86%), done.
 Adding: SCH.DB        Deflating (97%), done.
 Adding: SYSTEM.DB     Deflating (91%), done.
 Adding: DBWORK.DBD    Deflating (60%), done.
 Adding: INFDB.DBD     Deflating (71%), done.
 Adding: LOGDB.DBD     Deflating (64%), done.
 Adding: DBCHECK.LOG   Deflating (89%), done.
 Adding: VISTA.TAF     Deflating (95%), done.
 Adding: BERGECR.DRV   Deflating (35%), done.
 Adding: ECR.CFG       Deflating (56%), done.
 Adding: DEBUG.INF     Deflating (15%), done.
Too many parameters
All done!

If the database on these disks is defective,
label and send all the disks you just made
along with a note describing the problem to:

        ATTN: SERVICE DEPT.
        BERG COMPANY
        2001 S. STOUGHTON RD.
        MADISON, WI  53716
Press any key to continue . . .
```

5.   Press any key when the backup is complete.

     If you copied to disks, remove and clearly label them with
     the date of the backup and the number of the disk.

Restore the Full Database

You can only perform this procedure if you've previously backed up a full database. The only reason you'd ever want to restore the database from a backup is if something happens to your system database. Restoring a full database replaces all existing setup and sales data with the data in the backup copy. If your backup copy of the database is not current when you use it to restore the database, you'll lose any archive sales data since the date of the backup.

■ **To restore a full database:**

1. Run **Utilities**.

2. Pull down the **Backups** menu. Click **Restore Full Database...**.
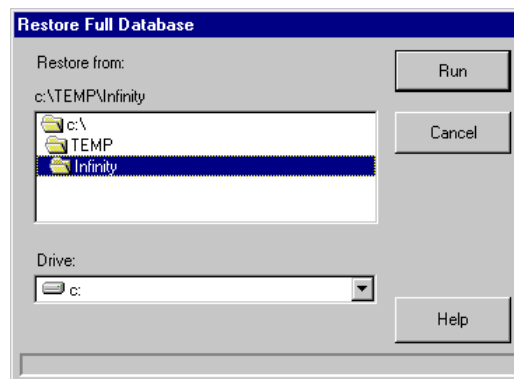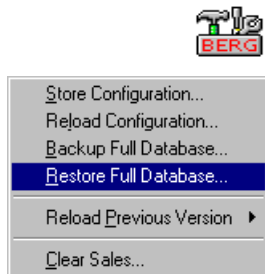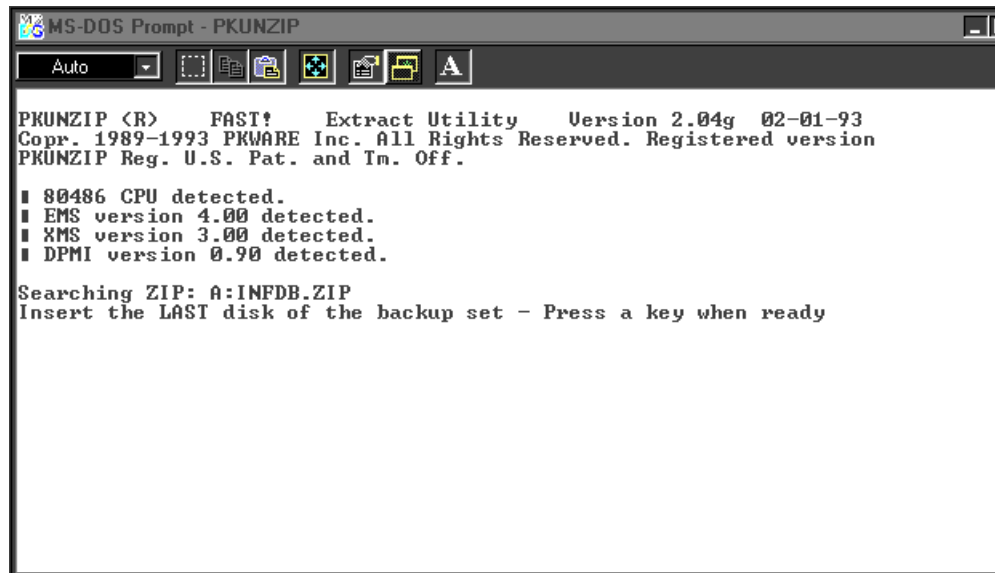
3. Select the location of the backup database.
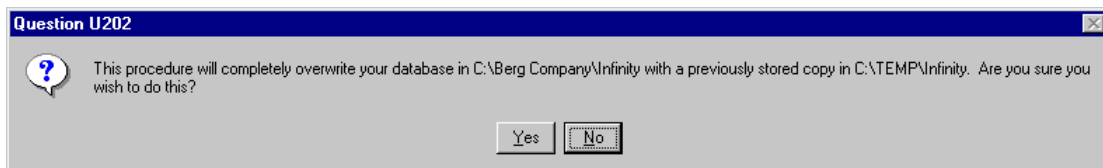
4. Click **Yes** to confirm the restore procedure.

5. Insert the last disk of the backup set into the selected drive.

6. Press any key to continue.

   Wait while the files are copied from the disk to the hard drive.

7. Insert additional backup disks and press any key as prompted.

8. Remove the last backup disk.

```
MS-DOS Prompt - PKUNZIP                                          _ □

  Auto      ▼   □ ⬚ 📋  🔀  ⬚ 🗗   A

PKUNZIP (R)     FAST!     Extract Utility     Version 2.04g  02-01-93
Copr. 1989-1993 PKWARE Inc. All Rights Reserved. Registered version
PKUNZIP Reg. U.S. Pat. and Tm. Off.

▌ 80486 CPU detected.
▌ EMS version 4.00 detected.
▌ XMS version 3.00 detected.
▌ DPMI version 0.90 detected.

Searching ZIP: A:INFDB.ZIP
Insert the LAST disk of the backup set - Press a key when ready
```

Notes

❑ If the serial number of the restored database does not match
the serial number of the existing database, the **Infinity**
programs will not run.

❑ If you attempt to restore a database from a different version
of software, an error message will prevent you from doing
so.

Restore Previous Version

Perform this task ONLY if it becomes necessary when upgrading to a new version of **Infinity** on a new computer. If you installed the new **Infinity** upgrade on the new computer before transferring your current database to the new computer, your old database is not compatible with the new version. You can use this procedure to restore your previous version configuration settings or full database on the new computer. After performing this task, you MUST re-install the new **Infinity** upgrade.
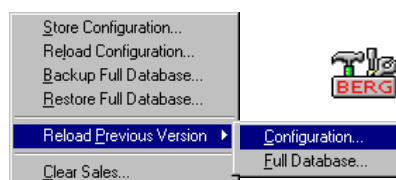
■ **To restore a previous version (configuration):**

1. Run **Utilities**.

2. Pull down the **Backups** menu and point to **Reload Previous Version**. Click **Configuration...** to reload configuration settings from the old database.
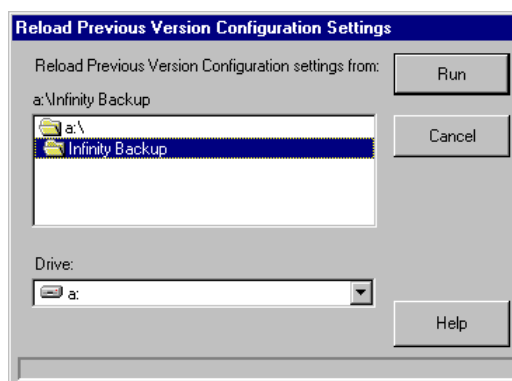
Warning!

Perform this procedure only under these circumstances:

- You haven't copied your old version of Infinity to your new computer.

- You've already installed an upgraded version of Infinity on the new computer.

(Do not use this procedure for routine reloading of configuration settings or a full database.)

- You must re-install the Infinity upgrade on your new computer after performing this procedure.

3. Insert the backup disk into the selected drive if required.

4. Select the **Drive** letter of the backup disk and the folder where you've stored the backup copy.

5. Click **Run**.
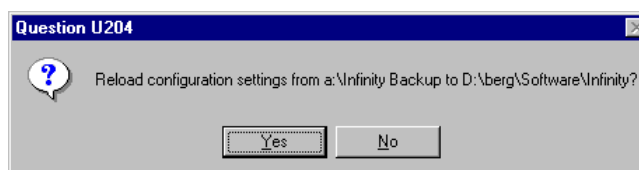
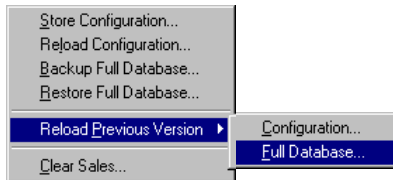6. Click **Yes** to confirm the file path.

Question U206

If have just installed a new version of the software and are trying to recover your previous database, you may continue under the following conditions.

The store or backup disk must contain a 3.00, 3.11, 3.12, 3.13 or 3.14 database. You must follow this reload by reinstalling the software from your setup disks. The reinstallation will upgrade your previous version database.

If you continue, you will lose any data already entered in the current database and none of the installed 4.0 programs will run until you reinstall.

Are you sure you want to continue the reload previous version operation?

[Yes] [No]

7. Click **Yes** to confirm the restore procedure.

   Wait while the files are copied from to the hard drive.

8. Remove the backup disk if necessary.

9. Re-install the new version of **Infinity**.

Store Configuration...
Reload Configuration...
Backup Full Database...
Restore Full Database...
Reload Previous Version ▶   Configuration...
                            Full Database...
Clear Sales...

■ **To restore a previous version (full database):**

1. Run **Utilities**.

2. Pull down the **Backups** menu and point to **Reload Previous Version**. Click **Full Database...** to restore the old database.

Restore Previous Version Full Database

Restore from:

c:\

- c:\
- acer
- Acrobat3
- ADOBEAPP
- ENGLISH

Drive:

c:

[Run]
[Cancel]
[Help]
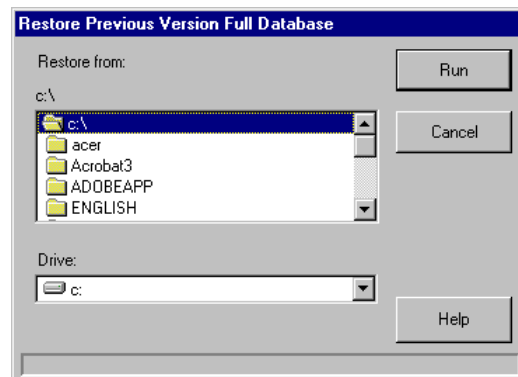
3. Select the drive and folder of the previous version.

4. Click **Run** to restore the previous.

5. If necessary, insert the last disk of the backup set into the selected drive. Press any key to continue.

6. Wait while the files are copied to the hard drive.

7. If necessary, insert additional backup disks and press any key as prompted.

8. Remove any backup disks.

Clear Sales from the Database

Perform this task *only* when you want to erase all archive sales records from the computer's hard drive. You may be directed to do this by Berg personnel or you may do it at regular intervals to clear old records from the computer and make room for new ones. Clearing sales from the database does not affect any configuration or setup data. You can only perform this task with setup disk(s). Old sales records can be automatically cleared from the database by setting the appropriate archive record storage length. See *Enter Data Storage and Display Options* in the *Configuration Options* section.

■ **To clear sales from the database:**

1. Access **Configuration** options. See *Access Configuration Options* in the *Configuration Options* section.
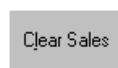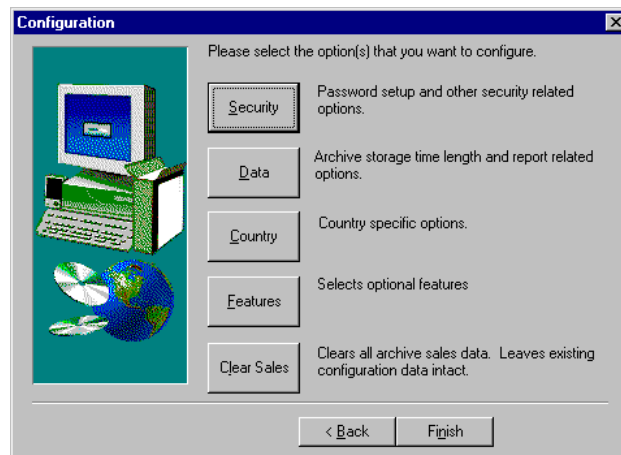
2. Click **Clear Sales**.
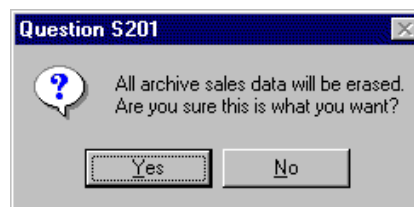
3. Click **Yes** to confirm the deletion of all sales records from the computer.

> **Information**   ☒
>
> 🛈   Clear Sales successfully completed.
>
> [OK   ]
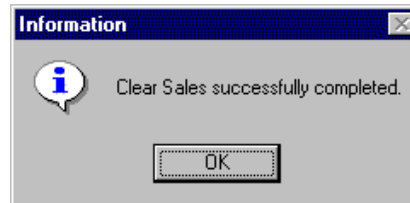
4. Click **OK** when you've read the clear sales completion message.

5. Click **Finish to** exit the **Configuration** screen.

Notes

❑   Don't forget to remove the setup disk from the drive.

> Store Configuration...
> Reload Configuration...
> Backup Full Database...
> Restore Full Database...
>
> Reload Previous Version ▶
>
> Clear Sales...

❑   Although there is a menu item for **Clear Sales...** in the **Utilities** program, it only directs you to Configuration options. You can't clear sales from the **Utilities** program.
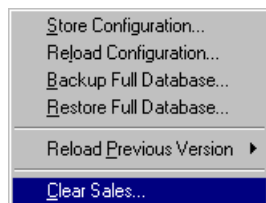
Check the Database for Errors
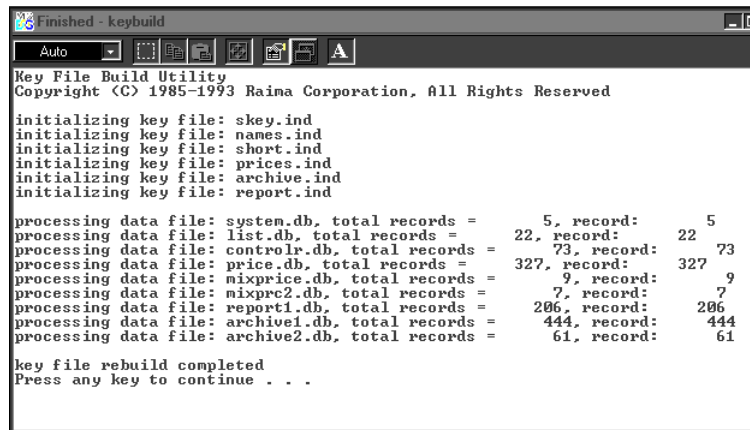
You'll probably only perform the tasks listed in the **Diagnostics** menu of the **Utilities** program if directed to do so by Berg personnel. Checking the database for errors may help when troubleshooting database problems as it searches for errors in the structure of the database. It's one of the first steps in diagnosing a problem.
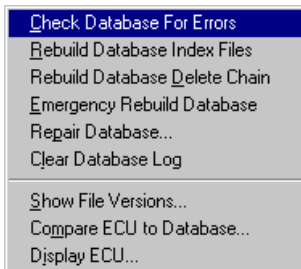
■ **To check the database for errors:**

1. Run **Utilities**.

Check Database For Errors
Rebuild Database Index Files
Rebuild Database Delete Chain
Emergency Rebuild Database
Repair Database...
Clear Database Log

Show File Versions...
Compare ECU to Database...
Display ECU...

2. Pull down the **Diagnostics** menu. Click **Check Database for Errors**.

   The results appear in an output file called **dbcheck.log**. You can view, print and/or save **dbcheck.log** as directed by Berg personnel.

View

dbcheck.log

Printed On: 2/21/2001 At 12:31:41 PM   Infinity Utilities 4.11.15

Raima Database Manager Version 3.30
Database Consistency Check Utility
Copyright (C) 1985-1993 Raima Corporation, All Rights Reserved

----

Processing key file: sch.ind(3), total of 1 node

Processing data file: logsys.db(0), total of 1 record

Page 1 of 4   Zoom: 80 %

Print   Save As...   Next   First   Zoom In   Help
Close   Previous   Last   Zoom Out

3. To save the log to a file click **Save As....** Enter the file name and click **Save**.

   The log is saved with the formatting information of the current default printer.

   Saved files can be opened by clicking **Open** on the **View** screen or the **Reports** screen.

4. To print the log click **Print**.

   You'll be prompted to select a printer. The printer you select becomes your default printer for all programs running under Windows. If the log has multiple pages you can also select a page range.

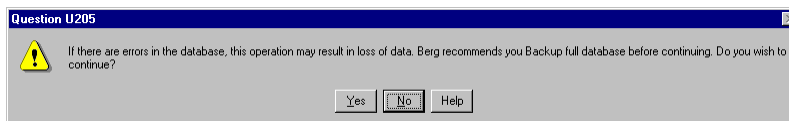6. Click **Close** to exit the **View** screen.

Rebuild the Database Index Files

You'll probably only perform the tasks listed in the **Diagnostics** menu of the **Utilities** program if directed to do so by Berg personnel. You may be directed to perform this procedure after checking the database for errors. Rebuilding index files does not change or delete any setup or sales data.

| Check Database For Errors |
| Rebuild Database Index Files |
| Rebuild Database Delete Chain |
| Emergency Rebuild Database |
| Repair Database... |
| Clear Database Log |
| |
| Show File Versions... |
| Compare ECU to Database... |
| Display ECU... |
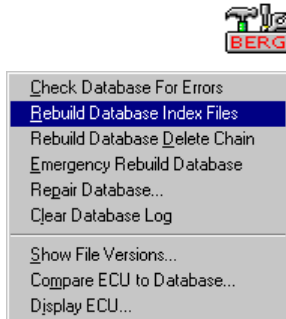
■ **To rebuild database index files:**

1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Rebuild Database Index Files**.

   Wait while the procedure is completed.

```
Finished - keybuild
Auto
Key File Build Utility
Copyright (C) 1985-1993 Raima Corporation, All Rights Reserved

initializing key file: skey.ind
initializing key file: names.ind
initializing key file: short.ind
initializing key file: prices.ind
initializing key file: archive.ind
initializing key file: report.ind

processing data file: system.db, total records =       5, record:       5
processing data file: list.db, total records =        22, record:      22
processing data file: controlr.db, total records =     73, record:      73
processing data file: price.db, total records =       327, record:     327
processing data file: mixprice.db, total records =       9, record:       9
processing data file: mixprc2.db, total records =        7, record:       7
processing data file: report1.db, total records =      206, record:     206
processing data file: archive1.db, total records =     444, record:     444
processing data file: archive2.db, total records =      61, record:      61

key file rebuild completed
Press any key to continue . . .
```

3. View the results.

4. Press any key to close the **MS-DOS** window.

Rebuild the Database Delete Chain

You'll probably only perform the tasks listed in the **Diagnostics** menu of the **Utilities** program if directed to do so by Berg personnel. You may be directed to perform this procedure after checking the database for errors. Rebuilding the delete chain does not change or delete any setup or sales data.
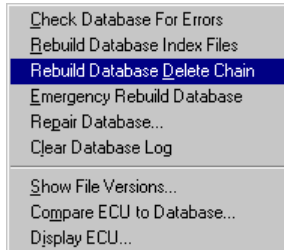
■ **To rebuild the database delete chain:**

1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Rebuild Database Delete Chain**.

   Wait while the procedure is completed.

```
MS-DOS Prompt                                                    _ | □ | ×
Auto   ▼ | □ | 🖹 | 🖺 | 🖾 | 🖺 | 🗗 | A |
Delete Chain Sort Utility
Copyright (C) 1986-1993 Raima Corporation, All Rights Reserved

processing data file: system.db, maximum slot count =        8
     no deleted record slots
processing data file: list.db, maximum slot count =       25
     no deleted record slots
processing data file: controlr.db, maximum slot count =       319
     3 deleted record slots sorted
processing data file: price.db, maximum slot count =    1129
     13 deleted record slots sorted
processing data file: mixprice.db, maximum slot count =        1
     no deleted record slots
processing data file: mixprc2.db, maximum slot count =       65
     no deleted record slots
processing data file: report1.db, maximum slot count =      158
     6 deleted record slots sorted
processing data file: archive1.db, maximum slot count =       195
     no deleted record slots
processing data file: archive2.db, maximum slot count =        7
     no deleted record slots

delete chain sort completed
Press any key to continue . . .
```

3. View the results.

4. Press any key to close the **MS-DOS** window.

Menu items:
Check Database For Errors
Rebuild Database Index Files
Rebuild Database Delete Chain
Emergency Rebuild Database
Repair Database...
Clear Database Log

Show File Versions...
Compare ECU to Database...
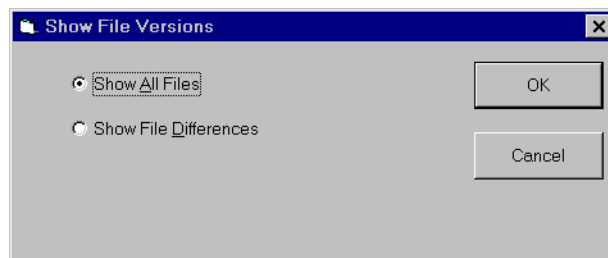Display ECU...

Emergency Rebuild the Database

You'll probably only perform the tasks listed in the **Diagnostics** menu of the **Utilities** program if directed to do so by Berg personnel. You may be directed to perform this procedure after checking the database for errors. This procedure is considered emergency because you don't want to perform it unless you've exhausted other possible solutions. If you are directed to perform this procedure, you'll want to backup your database first because the rebuild may result in a loss of data. See *Backup the Full Database* in this section.
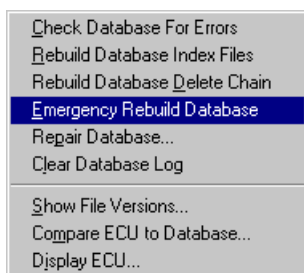
■ **To perform an emergency rebuild of the database:**

1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Emergency Rebuild Database**.

```
Check Database For Errors
Rebuild Database Index Files
Rebuild Database Delete Chain
Emergency Rebuild Database
Repair Database...
Clear Database Log

Show File Versions...
Compare ECU to Database...
Display ECU...
```

Question U205

⚠ If there are errors in the database, this operation may result in loss of data. Berg recommends you Backup full database before continuing. Do you wish to continue?

[Yes] [No] [Help]

3. Click **Yes** to confirm the rebuild or **No** to cancel the process.

```
C:\WINNT\System32\command.com

Processing file rebuild.brg\system.db containing 7 records

Processing file rebuild.brg\list.db containing 25 records

Processing file rebuild.brg\controlr.db containing 294 records

Processing file rebuild.brg\price.db containing 511 records

Processing file rebuild.brg\mixprice.db containing 13 records

Processing file rebuild.brg\mixprc2.db containing 7 records

Processing file rebuild.brg\report1.db containing 446 records

Processing file rebuild.brg\archive1.db containing 2421 records
```

Wait while the database is rebuilt. The window closes automatically when finished.

Repair the Database

You'll probably only perform the tasks listed in the **Diagnostics** menu of the **Utilities** program if directed to do so by Berg personnel. You may be directed to perform this procedure after checking the database for errors and rebuilding index files. This procedure searches for inconsistencies in the actual data of the database (e.g., a dispenser not assigned to an ECU). You can choose to view the errors only or fix them. Fix the errors only if you are directed to do so by Berg personnel. You may also be directed to backup your database before performing this task.

■   **To repair the database:**
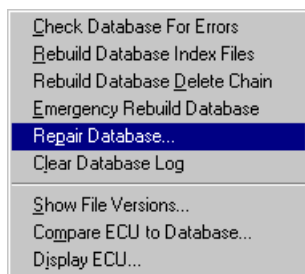
1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Repair Database...**.
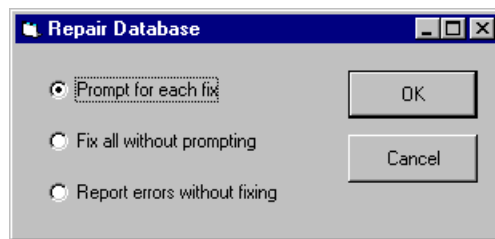
3. Select a repair option.

    Prompt for each fix prompts you each time an error is found. You can then choose to fix the error or not. If your database is large or has lots of errors, this option can take a long time.

    Fix all without prompting finds errors and fixes them without waiting for confirmation. Select this option only if directed by Berg personnel.

    Report errors without fixing finds errors in the database and lists them without changing anything. You can safely select this option anytime.

4. Click **OK**.
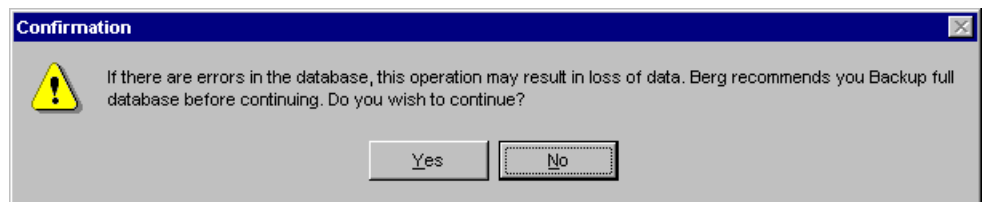
5. Click **Yes** to continue with the repair process (if you've been directed to do so). Click **No** if you want to exit the process. (continued on next page)

View

Repair Database Report

Printed On: 03/18/00 At 2:13:07 PM   Infinity Utilities 4.0.21

If any errors were fixed, you should restore station memory for the affected ECUs.

Voltages for All-Bottle coil alignment are missing or set to zero. Net BERG, ECU 1, Disp 3, Brand 0. FIXED.

Delay or tolerance for All-Bottle coil alignment are set to zero. Net BERG, ECU 1, Part 0. FIXED.

No ingredients listed for cocktail Black & Tan

No ingredients listed for cocktail All-Bottle Absolut

No ingredients listed for cocktail All-Bottle Smirnoff

END OF REPORT

Page 1 of 1   Zoom: 80 %

| Print | Save As... | Next | First | Zoom In | Help |
| Close | | Previous | Last | Zoom Out | |

6. View the report in the **View** screen using the scroll bars and **Zoom In** and **Zoom Out** buttons. You can maximize the window by double-clicking the title bar.

7. Click **Print** if you want to print the **Repair Database Report**.

8. Click **Close** to exit the **View** screen.

Show File Versions

You'll probably only perform the tasks listed in the **Diagnostics** menu of the **Utilities** program if directed to do so by Berg personnel. You may be directed to perform this procedure to check the version numbers of various files **Infinity** uses to run its programs. If you've recently loaded other software and error messages appear when you run **Infinity**, Berg personnel may ask you to perform this task to determine if files used by **Infinity** have been affected by the other software.
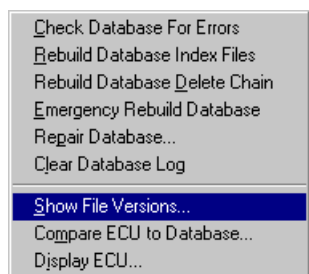
■ **To show file versions:**

1. Run **Utilities**.

Check Database For Errors
Rebuild Database Index Files
Rebuild Database Delete Chain
Emergency Rebuild Database
Repair Database...
Clear Database Log
Show File Versions...
Compare ECU to Database...
Display ECU...

2. Pull down the **Diagnostics** menu. Click **Show File Versions...**.

3. Select a show file option as directed by Berg personnel.

   Show all Files displays a list of version numbers for every file used by **Infinity**.

   Show File Differences displays a list of any file version numbers that don't match the version numbers **Infinity** expects.

4. Click **OK**.
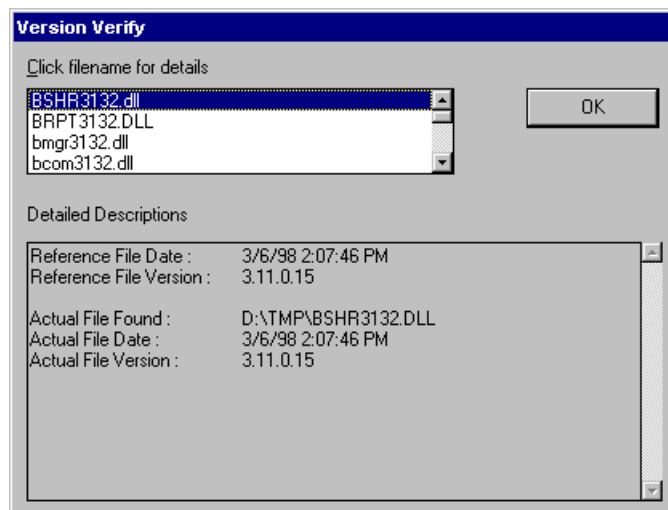
5. Select a file to see more details as directed by Berg personnel. (continued on next page)
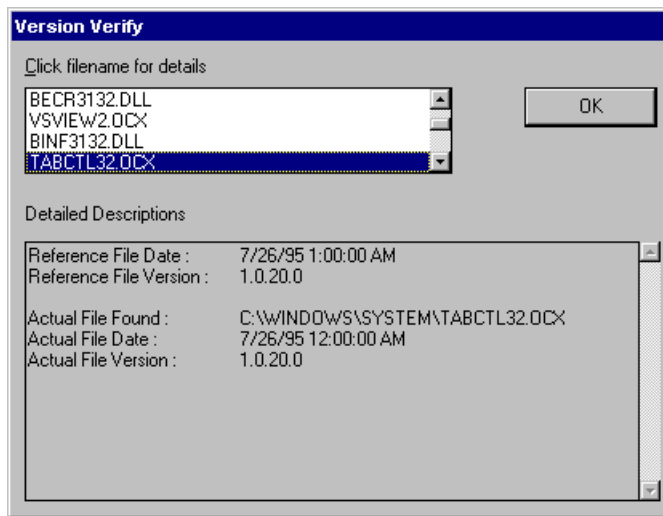
6. Click **OK** to close the **Version Verify** screen.

Compare ECU to Database

If an ECU is having problems you can perform this task to compare the setup information in the ECU with the setup information in your database. You'll be able to see which information (if any) is different (EPROM version, dispenser assignments, ECU type, etc.). This operation doesn't help fix the problem—you'll probably have to do a Clear and Restore Memory to re-send the setup information from the database to the ECU. It can be useful, however, in diagnosing the problem.

■ **To compare an ECU to the database:**

1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Compare ECU to Database...**.
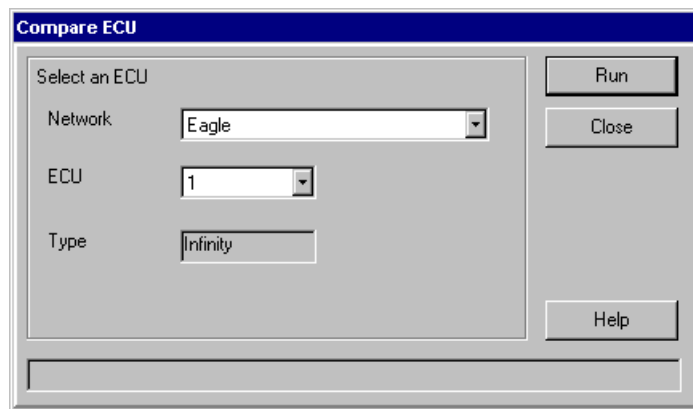
3. Select the name of the **Network**.

4. Select the **ECU** number.

5. Click **Run**.
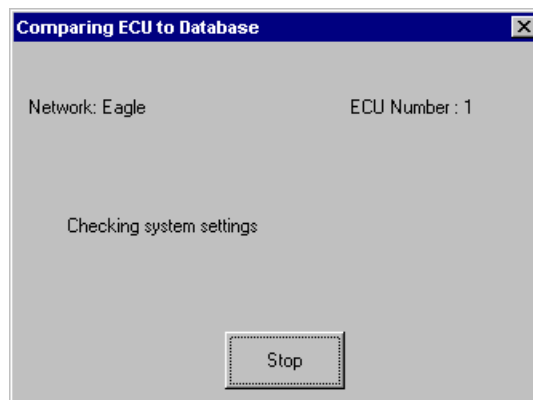
Wait while the ECU and database are compared.

6. View the results in the **View** screen using the scroll bars.

7. Click **Close** to exit the **Compare ECU to Database** screen.

Possible Reasons for Differences Between ECU and Database

- You forgot to Clear and Restore Memory after making changes to setup information at the computer.

- You restored a previous database and didn't Clear and Restore Memory.

- You didn't store alignment values after aligning All-Bottle 7 activator rings.

- You're connected to the wrong ECU (verify correct ECU number at ECU and the computer).

- The setup information at the ECU has been corrupted.

- The database information at the computer has been corrupted.

Display ECU

Use this diagnostic tool to see the information stored in an ECU. The report lists all ECU setup data, prices, portions, current state and any POS drivers loaded. (It does not show any sales information.) The ECU number must be set up in the software, but the data in the report reflects only what is stored at the ECU. This tool is especially useful to diagnose an ECU about which little is known.
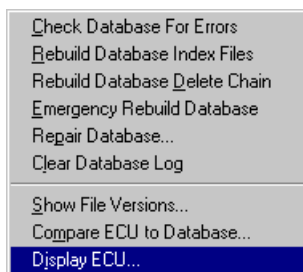
■ **To display an ECU's setup:**

1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Display ECU...**.

Check Database For Errors
Rebuild Database Index Files
Rebuild Database Delete Chain
Emergency Rebuild Database
Repair Database...
Clear Database Log

Show File Versions...
Compare ECU to Database...
Display ECU...

Display ECU

Select an ECU

Network   Uptown Grill

ECU Number   1

Type   Infinity

Run

Close

Help
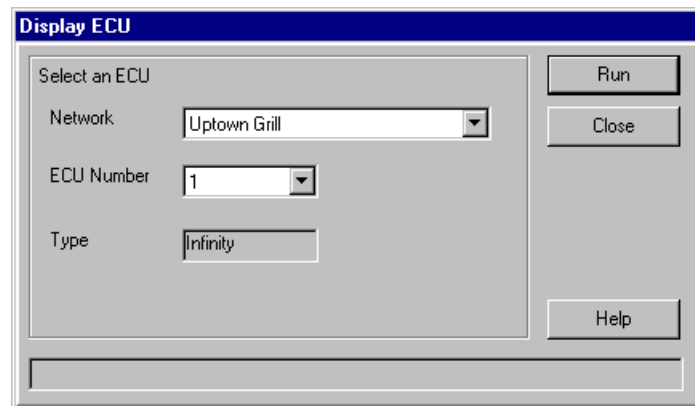
3. Select the name of the **Network**.

4. Select the **ECU** number.

5. Click **Run**.

   Wait while the computer communicates with the ECU.

```
                        Display ECU Report

        Printed On: 11/21/2000 At        Infinity Utilities 4.11.15                    Page 1
                01:35:22 PM
                                         Network Live ECU 2

ECU Type 3, Version 3.01a, PL 1, Enabled = 1
Volume Units 0, Hourly data 0, Key code 11, infinity connect = 1
Price decimal = 2, decimal = 0, time format = 0, date format = 0
Date = 11/21/2000, Time = 02:35:50 PM
Number of partitions = 1
Dispenser 1 = 12
Dispenser 2 = 0
Dispenser 3 = 7
Dispenser 4 = 0
Dispenser 5 = 0
Dispenser 6 = 0
Dispenser 7 = 0
Dispenser 8 = 0
Price Enable = 1, Size Reset = 1, Comp Reset = 0, Comp Enable = 0, Mix Enable = 0, Comp Mix Enable = 0
Repeat Alt Mode = 0, Repeat Delay = 0, Cancel Enable = 0, Waiter ID = 1, Station Num = 5
Mix Reset = 1, Button 16 = 0
Dispenser 1:
Button 1: Calibration Values: 50 30
Size 1, PL 1: Vol = 50, Price = 100, PLU = 0
Size 1, PL 2: Vol = 50, Price = 100, PLU = 0
Size 1, PL 3: Vol = 50, Price = 100, PLU = 0
Size 2, PL 1: Vol = 100, Price = 200, PLU = 0
Size 2, PL 2: Vol = 100, Price = 200, PLU = 0
Size 2, PL 3: Vol = 100, Price = 200, PLU = 0
Size 3, PL 1: Vol = 150, Price = 300, PLU = 0
Size 3, PL 2: Vol = 150, Price = 300, PLU = 0
Size 3, PL 3: Vol = 150, Price = 300, PLU = 0
Cocktail Bank 2, Button 1: Ingred 1 = Button 4
Cocktail Bank 2, Button 1: Ingred 2 = Button 3
PL 1: Price = 500, PLU = 0
Ingred 1, PL 1: Vol = 50, price = 0
Ingred 2, PL 1: Vol = 50, price = 0
PL 2: Price = 500, PLU = 0
Ingred 1, PL 2: Vol = 50, price = 0
Ingred 2, PL 2: Vol = 50, price = 0
PL 3: Price = 500, PLU = 0
```

6. View the results in the **View** screen using the scroll bars.

7. Click **Close** to exit the **Display ECU** screen.

Clear Database Log

Perform this task only if directed to do so by Berg personnel.
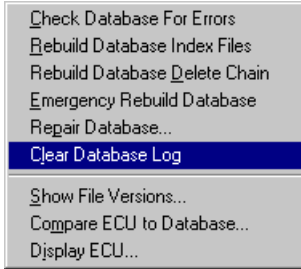
To clear the database log:

1. Run **Utilities**.

2. Pull down the **Diagnostics** menu. Click **Clear Database Log**.

3. Click **OK** when the operation is complete.

SECTION 21 Pouring Operations

Once your **Infinity** system is installed, you're ready to begin pouring. This section provides help with the following tasks:

Change Price Levels at the All-Bottle Dispenser

Switching price levels at the dispenser is an option you can enable or disable at the computer. See *New ECU Setup (Infinity)* or *Modify an ECU* in the *Network and ECU Setup* section. If you enable this feature, anyone with a key can change the price level at an All-Bottle dispenser.

■ **To change price levels at the All-Bottle dispenser:**

1. Insert a price level lockout key in the lock under the price level indicator lights.

2. Turn the key clockwise one quarter turn and then back to its original position.

   The price level shifts one position (A to B, B to C or C to A). The price level lights indicate the new price level.

3. If necessary, turn the key a second time one quarter turn and back up to shift to the next price level.

Note

❑ Changing the price level at one dispenser changes it for all dispensers (Laser or All-Bottle) connected to the ECU.

Price level indicators

Price level lockout key
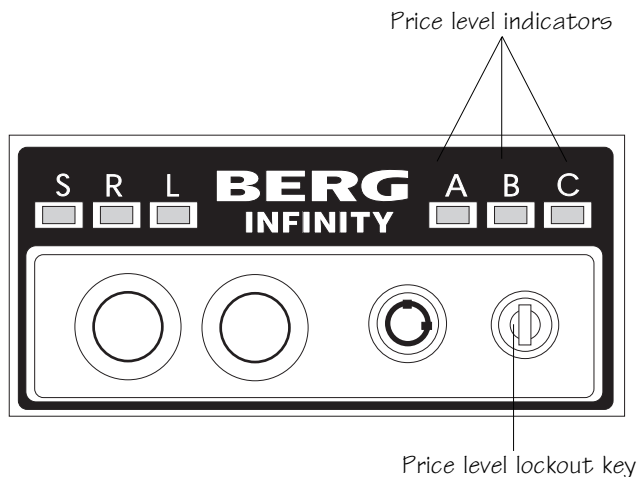
Pour an All-Bottle Drink

You can pour an unlimited number of brands using the All-Bottle dispenser.

Portion size indicators

Price level indicators

Left and right
buttons

Coded pourer   Activator ring
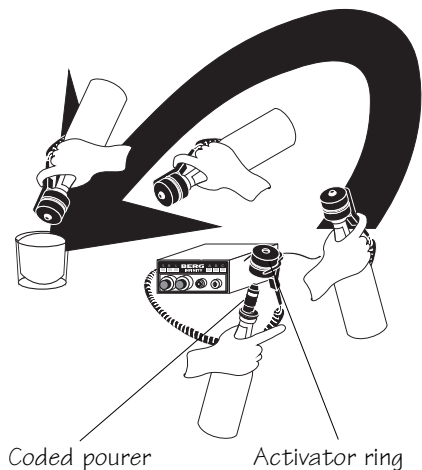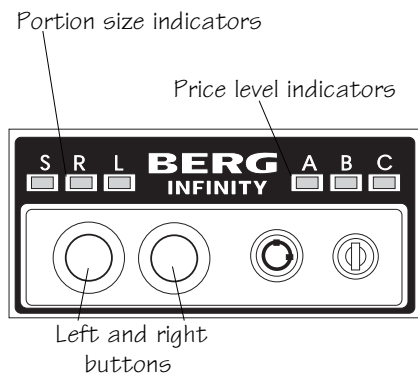
■ **To pour an All-Bottle drink:**

1. Verify the correct price level indicator (A, B, or C) is lit.

    If you need to change the price level, see *Change Price Levels at the All-Bottle Dispenser* in this section. (This feature must first be enabled at the computer.)

2. Verify the correct portion size indicator (S-small, R-regular, or L-large) is lit. Change the portion size by pressing the left button under the indicator lights for Small or the right button for Large. If the S portion size indicator is lit, press the left button to reset to Regular. If the L portion size indicator is lit, press the right button to reset to Regular.

3. Pick up a bottle with a secured pourer and insert the pourer into the activator ring (located in the ring holder).

4. Grasp the finger grip on the activator ring with your index finger and quickly invert the bottle to a near vertical pouring position over a glass.

    The pour commences.

5. When the pour ends, tip the bottle back to an upright position. Return the activator ring to the ring holder and the bottle to its prior location.

Notes

❑ If the pour does not immediately begin, quickly tip the bottle and activator ring to an upright position and then back to a vertical pouring position over the glass.

❑ If the pour splashes sideways and misses the glass, you may not have tipped the bottle to a vertical position quickly enough.

❑ If you have enabled the **Size Reset** feature at the computer, the portion size indicators reset to R after every pour.

❑ See the *Network and ECU Setup* section to enable or disable pouring features.

Pour a Complimentary All-Bottle Drink

Complimentary pouring is an option you enable or disable at the computer for each ECU.

Portion size indicators

Price level indicators

S R L **BERG** A B C
INFINITY

Left and right
buttons

Coded pourer   Activator ring
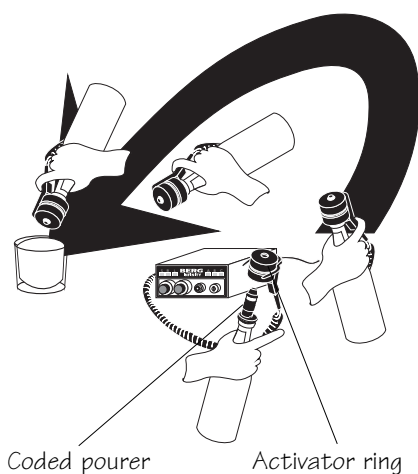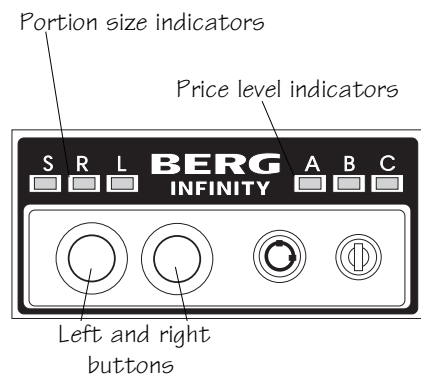
■ **To pour a complimentary All-Bottle drink:**

1. Press both buttons under the portion size indicator lights at the same time.

   The current price level indicator blinks continuously in comp mode.

2. Verify the correct portion size indicator (S-small, R-regular, or L-large) is lit. Change the portion size by pressing the left button under the portion size indicator lights for Small or the right button for Large.
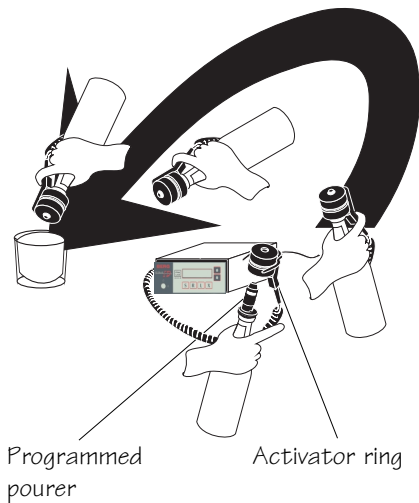
3. Pick up a bottle with a secured pourer and insert the pourer into the activator ring (located in the ring holder).

4. Grasp the finger grip on the activator ring with your index finger and quickly invert the bottle to a near vertical pouring position over a glass.

   The pour commences.

5. When the pour ends, press both buttons under the portion size indicator lights at the same time to return to standard pouring mode.

   OR

   If you have enabled the **Comp Reset** option at the computer, the dispenser automatically resets to standard pouring mode when the complimentary pour ends.

Notes

❑ All complimentary pours are computed for system reports.

❑ See the *Network and ECU Setup* section to enable or disable pouring features.

Pour an All-Bottle ID Drink

You can program pourers for up to 200 brands using the All-Bottle ID dispenser.

```
C:            R:
```

```
Gin
C: 2.00   R: 1.00 oz
```

Programmed pourer   Activator ring
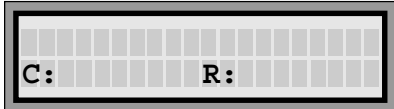
■ **To pour an All-Bottle ID drink:**

1. Verify the correct price level (**A:**, **B:**, **C:** or **D:**) on the LCD display.

   To change the price level, press [Price Level] to cycle through the price levels.

2. Verify the correct portion size (**S:**, **R:**, **L:** or **X:**) on the LCD display. (The portion size flashes if it is non-Regular.)

   To change the portion size press [**S**] (small), [**R**] (regular), [**L**] (large) or [**X**] (extra-large).

3. Pick up a bottle with a secured pourer and insert the pourer into the activator ring (located in the ring holder).

   Verify the correct brand name on the LCD display.

4. Grasp the finger grip on the activator ring with your index finger and quickly invert the bottle to a near vertical pouring position over a glass.

   The pour commences.

5. When the pour ends, tip the bottle back to an upright position. Return the activator ring to the ring holder and the bottle to its prior location.

Notes

❑ If the pour does not immediately begin, quickly tip the bottle and activator ring to an upright position and then back to a vertical pouring position over the glass.

❑ If the pour splashes sideways and misses the glass, you may not have tipped the bottle to a vertical position quickly enough.

❑ If you have enabled the **Size Reset** feature at the computer, the portion size is reset to **R** after every pour.

❑ If you have enabled the **Show Prices** and/or **Show Portions** feature at the computer, the actual price and portion amount of the pour is displayed on the LCD.
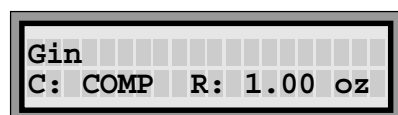
Pour a Complimentary All-Bottle ID Drink

Complimentary pouring is an option you enable or disable at the computer for each ECU.

```
C: COMP     R:
```

```
Gin
C: COMP   R: 1.00 oz
```


Coded pourer   Activator ring
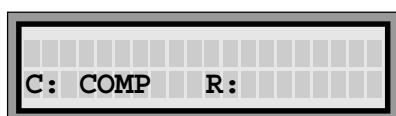
■ **To pour a complimentary All-Bottle ID drink:**

1. Press the up arrow to put the dispenser in comp mode. "COMP" appears in the display.

2. Verify the correct portion size (**S:**, **R:**, **L:** or **X:**) on the LCD display. (The portion size flashes if it is non-Regular.)

    To change the portion size press ⬚**S** (small), ⬚**R** (regular), ⬚**L** (large) or ⬚**X** (extra-large).

3. Pick up a bottle with a secured pourer and insert the pourer into the activator ring (located in the ring holder).

    Verify the correct brand name on the LCD display.

4. Grasp the finger grip on the activator ring with your index finger and quickly invert the bottle to a near vertical pouring position over a glass.

    The pour commences.

5. When the pour ends, tip the bottle back to an upright position. Return the activator ring to the ring holder and the bottle to its prior location.

6. Press the up arrow to return to standard pouring mode.

    OR

    If you have enabled the **Comp Reset** option at the computer, the dispenser automatically resets to standard pouring mode when the complimentary pour ends.
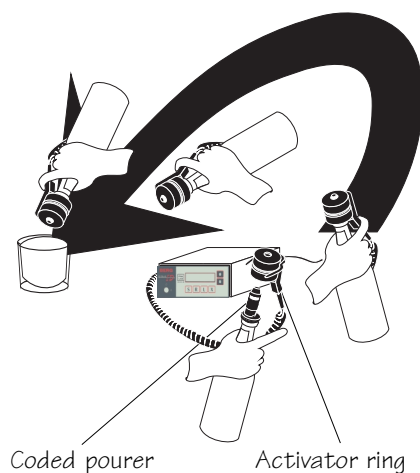
Notes

❑ All complimentary pours are computed for system reports.

❑ See the *Network and ECU Setup* section to enable or disable pouring features.

Pour a 1544 Infinity Drink

You can pour four different portion sizes at four price levels for each of the fifteen **1544 Infinity** coded pourers.

■ **To pour a 1544 Infinity drink:**

1. Verify the correct price level button (**A**, **B**, **C** or **D**) is lit on the front panel of the ECU.

   If you need to change the price level, press a new button (**A**, **B**, **C** or **D**) if price level changes are enabled for the ECU.

2. Select the portion size by pressing the **S** (small), **R** (regular), **L** (large) or **SP** (special) button on the ECU's front panel. Verify the correct portion size button is lit.

3. Pick up a bottle with a secured pourer and insert the pourer into the activator ring (located in the ring holder).

4. Grasp the finger grip on the activator ring with your index finger and quickly invert the bottle to a near vertical pouring position over a glass.

   The pour commences.

5. When the pour ends, tip the bottle back to an upright position. Return the activator ring to the ring holder and the bottle to its prior location.

Notes

❑ If the pour does not immediately begin, quickly tip the bottle and activator ring to an upright position and then back to a vertical pouring position over the glass.

❑ If the pour splashes sideways and misses the glass, you may not have tipped the bottle to a vertical position quickly enough.

❑ If you have enabled the **Size Reset** feature at the computer, the portion size indicators reset to R after every pour.

❑ See the *Network and ECU Setup* section to enable or disable pouring features.

Pour a Complimentary 1544 Infinity Drink

Complimentary pouring is an option you enable or disable at the computer for each ECU.

■ To pour a complimentary 1544 Infinity drink:

1. Press the right arrow button. The indicator lights on the front panel flash while in comp mode.

2. Verify the correct price level button (**A**, **B**, **C** or **D**) is lit on the front panel of the ECU.

   If you need to change the price level, press a new button (**A**, **B**, **C** or **D**) if price level changes are enabled for the ECU.

3. Select the portion size by pressing the **S** (small), **R** (regular), **L** (large) or **SP** (special) button on the ECU's front panel. Verify the correct portion size button is lit.

4. Pick up a bottle with a secured pourer and insert the pourer into the activator ring (located in the ring holder).

5. Grasp the finger grip on the activator ring with your index finger and quickly invert the bottle to a near vertical pouring position over a glass.

   The pour commences.

6. When the pour ends, tip the bottle back to an upright position. Return the activator ring to the ring holder and the bottle to its prior location.

7. Press the left arrow button to return to standard pouring mode. The indicator lights stop flashing.

   OR

   If you have enabled the **Comp Reset** option at the computer, the dispenser automatically resets to standard pouring mode when the complimentary pour ends.

Notes

❑ All complimentary pours are computed for system reports.

❑ See the *Network and ECU Setup* section to enable or disable pouring features.

Change Price Levels at the Laser Dispenser

Switching price levels at the dispenser is an option you can enable or disable. If you enable this feature, anyone can change the price level at a Laser dispenser.

■ **To change price levels at the Laser dispenser:**

1. Verify the current price level by checking the price level indicator lights.

   The left red light is A, the middle yellow light is B, the right red light is C.

2. Press the price level button on the right side of the dispenser.

   The price level shifts one position (A to B, B to C or C to A). The price level lights indicate the new price level.

3. If necessary, press the button a second time to shift to the next price level.

Note

❑ Changing the price level at one dispenser changes it for all dispensers (Laser or All-Bottle) connected to the ECU.

❑ If you're using an Infinty ECU with All-Bottle ID, you have four price levels. When you shift to price level D, both the right and left lights are on.

Price level indicator lights

BERG

Laser dispenser front panel

Price level button
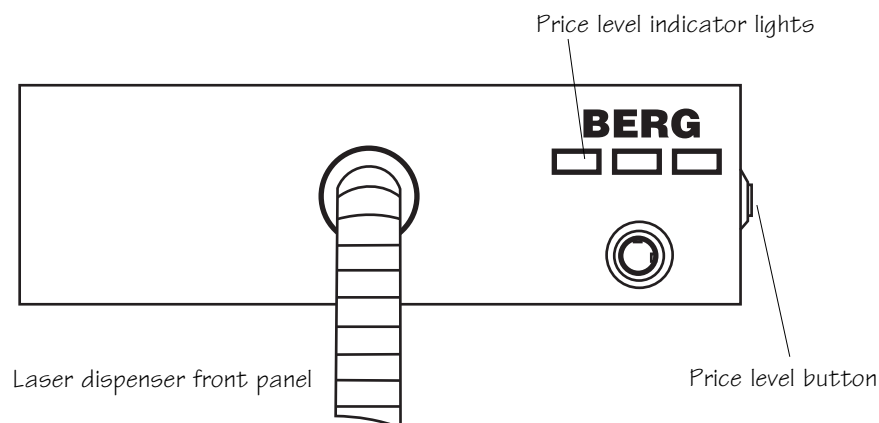
Pour a Laser Drink

Depending on the Laser gun, you can pour 6, 12 or 16 different brands.

Price level indicator lights

Laser dispenser front panel

Large portion size indicator

Small portion size indicator

Down arrow button

Up arrow button
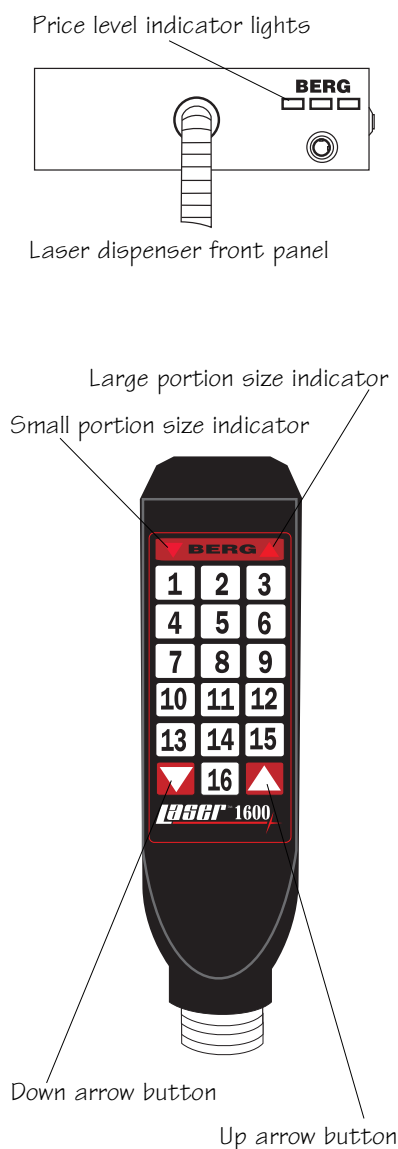
■ **To pour a Laser drink:**

1. Verify the correct price level indicator (A, B, or C) is lit on the front of the dispenser.

   If you need to change the price level, see *Change Price Levels at the Laser Dispenser* in this section. (This feature must first be enabled.)

2. Remove the Laser gun from the gun holder. Verify the correct portion size indicator is lit. The Small portion size indicator is a red triangle (or down arrow) at the top left of the gun. The Large portion size indicator is a red triangle (or up arrow) at the top right of the gun. If neither triangle is lit the gun is set to Regular portion size.

3. Change the portion size by pressing the down arrow button at the bottom left of the gun for Small or the up arrow button at the bottom right of the gun for Large. If the Small portion size indicator is lit, press the down arrow to reset to Regular. If the Large portion size indicator is lit, press the up arrow to reset to Regular.

4. Bring the Laser gun into pouring position over the glass.

5. Press the button number for the brand you want to pour.

   The pour commences.

6. When the pour has ended, return the Laser gun to the holder.

Notes

❑ If you have enabled the Size Reset feature, the portion size indicators reset to Regular after every pour.

❑ If you're using an All-Bottle ID dispenser, you also have a price level D and an extra portion size. In price level D, the left and right price level lights on the dispenser both turn on. On the Laser gun, both the small and large size indicators turn on for the extra size. Pressing the right arrow takes you from regular to Large to X and back to regular.

Pour a Laser Cocktail

If you have a 6 brand Laser gun, you can pour up to eighteen different pre-assigned cocktails–six each in three different "banks." If you have a 12 brand gun, you can pour thirty-six different cocktails–twelve each in three banks. If you have a 16 brand Laser gun, you can pour forty-eight different cocktails–sixteen each in three banks. Cocktail pouring is a feature that can be enabled or disabled (see *New ECU Setup (Infinity)* or *Modify an ECU* in the *Network and ECU Setup* section).

Small portion size indicator

Large portion size indicator
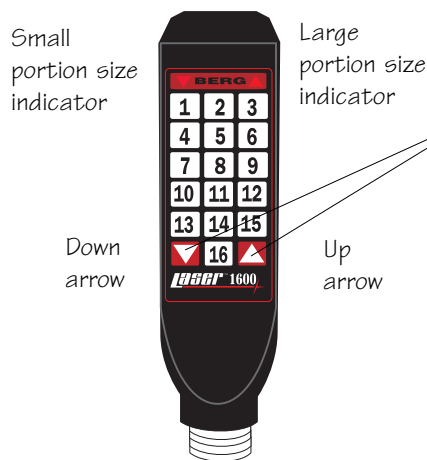
Down arrow

Up arrow

■ To pour a Laser cocktail:

1. Remove the Laser gun from the gun holder. If the gun is in normal pouring mode, press the down and the up arrow buttons on the gun at the same time.

   The gun is now in the Regular bank of cocktail mode. Both portion size indicators blink continuously in Regular bank cocktail mode.

2. To access a different cocktail bank, press the down arrow button for the Lower bank or the Up arrow button for the Upper bank.

   The small portion size indicator stays on continuously in Lower bank cocktail mode. The large portion size indicator stays on continuously in Upper bank cocktail mode.

3. Bring the Laser gun into pouring position over the glass.

4. Press the button number for the cocktail you want to pour.

   The pour commences.

5. When the pour ends, press the down and the up arrow buttons on the gun at the same time as many times as needed to return to normal pouring mode.
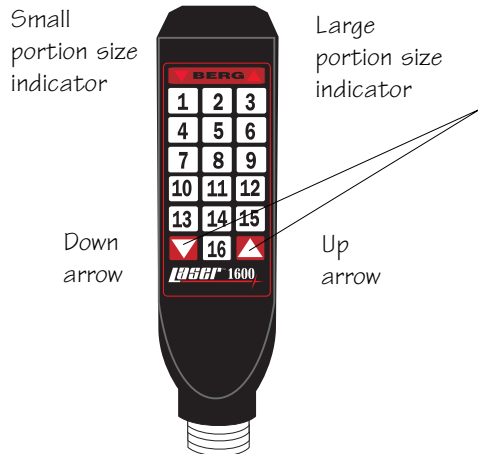
   OR

   If you have enabled the **Cocktail Reset** option at the computer, the dispenser automatically resets to standard pouring mode when the cocktail pour ends.
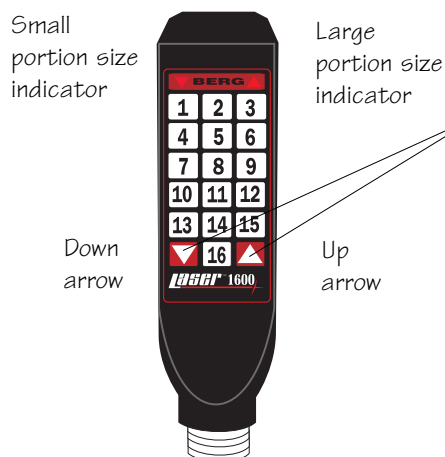

Laser Gun Modes

The 4 possible Laser gun modes are:

- Normal Mode
- Cocktail Mode
- Comp Mode
- Comp Cocktail Mode

When you press the up and down arrow buttons at the same time, the gun cycles through the modes in the order listed, skipping any that are not enabled.

Pour a Cocktail with Button 16 Switching

If you enable the button 16 switching feature on a 16 brand Laser gun, you reduce the number of possible cocktails to forty-five, but you also reduce the number of button presses needed to pour each cocktail. You can enable or disable both cocktail pouring and button 16 switching (see *New ECU Setup (Infinity)* or *Modify an ECU* in the *Network and ECU Setup* section).

Down arrow

Up arrow
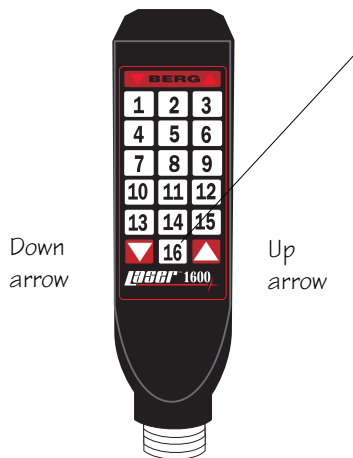
■ **To pour a Laser cocktail with button 16 switching:**

1. Remove the Laser gun from the gun holder. Press button 16.

   The gun is now in cocktail mode. If the gun was set to regular size before pressing button 16, you're in the Regular bank. Both portion size indicators blink continuously in Regular bank cocktail mode. (If the gun was set to Small size before pressing button 16, you're in the Lower bank, and so on.)

2. To access a different cocktail bank, press the down arrow button for the Lower bank, the up arrow button for the Upper bank or the arrow corresponding to whichever portion size is lit for the Regular bank.

   The small portion size indicator stays on continuously in Lower bank cocktail mode. The large portion size indicator stays on continuously in Upper bank cocktail mode.

3. Bring the Laser gun into pouring position over the glass.

4. Press the button number for the cocktail you want to pour.

   The pour commences.

5. When the pour ends, press button 16 to return to standard pouring mode.

   OR

   If you have enabled the **Cocktail Reset** option at the computer, the dispenser automatically resets to standard pouring mode when the cocktail pour ends.

Pour a Complimentary Laser Drink

Complimentary pouring and cocktail pouring are options you can enable or disable for each ECU (see *New ECU Setup (Infinity)* or *Modify an ECU* in the *Network and ECU Setup* section). Whether or not you enable cocktail pouring determines how you access complimentary pouring mode at the Laser gun.

Small portion size indicator

Large portion size indicator

Down arrow

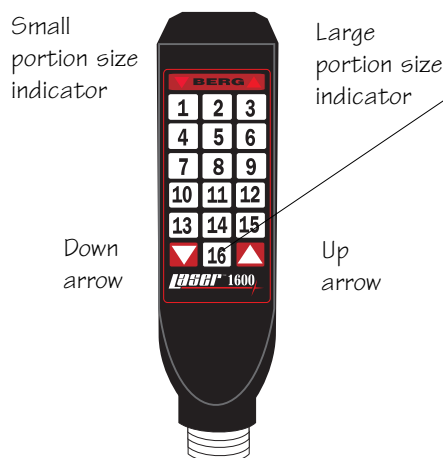Up arrow

Laser Gun Modes

The 4 possible Laser gun modes are:

- Normal Mode
- Cocktail Mode
- Comp Mode
- Comp Cocktail Mode

When you press the up and down arrow buttons at the same time, the gun cycles through the modes in the order listed, skipping any that are not enabled.

■ **To pour a complimentary Laser drink:**

1. Remove the Laser gun from the gun holder. If the gun is in normal pouring mode, press both the down and the up arrow buttons on the gun at the same time. (If cocktail pouring is enabled, you're now in cocktail mode. Press both arrow buttons again to cycle to comp mode. If cocktail pouring isn't enabled or you use button 16 switching, you're now in comp mode.)

   The current price level indicator light on the Laser dispenser front panel blinks continuously in comp mode.

2. Verify the correct portion size indicator is lit. Change the portion size by pressing the down arrow button for Small or the up arrow button Large.

3. Bring the Laser gun into pouring position over the glass.

4. Press the button number for the brand you want to pour.

   The pour commences.

5. When the pour ends, press the down and the up arrow buttons on the gun at the same time as many times as needed to return to normal pouring mode.

   OR

   If you have enabled the **Comp Reset** option, the dispenser automatically resets to standard pouring mode when the complimentary pour ends.

Note

❑ All complimentary pours are computed for system reports.

Pour a Complimentary Laser Cocktail

If you enable the complimentary cocktail pouring feature, any of the cocktails assigned to the Laser gun can be poured as complimentary drinks. (See *New ECU Setup (Infinity)* or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.)

Small portion size indicator

Large portion size indicator

Down arrow

Up arrow

Laser Gun Modes

The 4 possible Laser gun modes are:

- Normal Mode
- Cocktail Mode
- Comp Mode
- Comp Cocktail Mode

When you press the up and down arrow buttons at the same time, the gun cycles through the modes in the order listed, skipping any that are not enabled.

■ **To pour a complimentary Laser cocktail:**

1. Remove the Laser gun from the gun holder. Press the down and the up arrow buttons on the gun at the same time as many times as needed to access comp cocktail mode.

    In Regular bank comp cocktail mode, both the portion size indicators on the gun and the price level indicator on the Laser dispenser front panel blink continuously.

2. Access a different cocktail bank by pressing the down arrow button for the Lower bank or the up arrow button for the Upper bank.

    The small portion size indicator stays on continuously in Lower bank cocktail mode. The large portion size indicator stays on continuously in Upper bank cocktail mode.

3. Bring the Laser gun into pouring position over the glass.

4. Press the button number for the cocktail you want to pour.

    The pour commences.

5. When the pour ends, press the down and the up arrow buttons on the gun at the same time as many times as needed to return to standard pouring mode.

    OR

    If you have enabled the **Comp Reset** and **Cocktail Reset** options, the dispenser automatically resets to normal pouring mode when the complimentary cocktail pour ends. (Note that **Comp Reset** and **Cocktail Reset** work independently of each other.)

Pour a Complimentary Cocktail with Button 16 Switching

If you enable the complimentary cocktail pouring feature, any of the cocktails assigned to the Laser gun can be poured as complimentary drinks. Enabling the button 16 switching feature reduces the number of presses to pour the cocktail. (See *New ECU Setup (Infinity)* or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.)

Small portion size indicator

Large portion size indicator

Down arrow

Up arrow

Laser Gun Modes

The 4 possible Laser gun modes are:

- Normal Mode
- Cocktail Mode
- Comp Mode
- Comp Cocktail Mode

When you press the up and down arrow buttons at the same time, the gun cycles through the modes in the order listed, skipping any that are not enabled.

■ **To pour a complimentary Laser cocktail with button 16 switching:**

1. Remove the Laser gun from the gun holder. Press button 16.

   The gun is now in cocktail mode. Both portion size indicators blink continuously in Regular bank cocktail mode.

2. Press the down and the up arrow buttons on the gun.

   The gun is now in Regular bank comp cocktail mode. Both the portion size indicators and the price level indicators blink continuously.

3. To access a different cocktail bank, press the down arrow button for the Lower bank or the up arrow button for the Upper bank.

   The small portion size indicator stays on continuously in Lower bank cocktail mode. The large portion size indicator stays on continuously in Upper bank cocktail mode.

4. Bring the Laser gun into pouring position over the glass.

5. Press the button number for the cocktail you want to pour.

   The pour commences.

6. When the pour ends, press button 16 or the down and up arrow buttons to return to normal pouring mode.

   OR

   If you have enabled the **Comp Reset** and **Cocktail Reset** option, the dispenser automatically resets to standard pouring mode when the complimentary cocktail pour ends. (Note that **Comp Reset** and **Cocktail Reset** work independently of each other.)

Change the Price Level at a Tap

If you have enabled this feature with **Infinity** software, you can change the price level for a TAP 1 partition from any one of the tap controllers in that partition. (See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.)
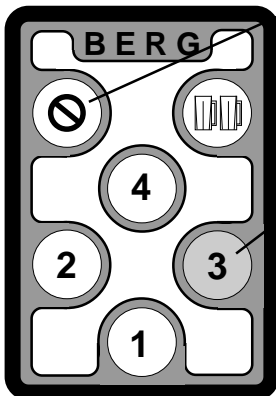
■ **To change the price level at a tap:**
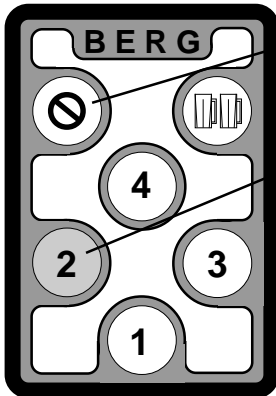
1. Press and hold the cancel button in the upper left corner of the tap keypad.

   The light goes out behind the button that corresponds to the current price level (button 2 in this case).

   Button 1 = Price Level A
   Button 2 = Price Level B
   Button 3 = Price Level C

2. While still holding the cancel button, press the button that corresponds to the new price level (1 for price level A, 2 for price level B, 3 for price level C.)

   The light goes out behind the button you push, signifying the new price level (button 3 in this case).

3. Release the cancel button.

   All lights on the keypad go back on.

Note

❑ If you change the price level at a tap controller, it changes the price level for all tap controllers in that partition.
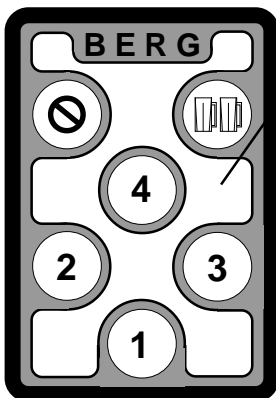
Pour a TAP 1 Drink

The keypad on each tap has 4 numbered buttons to control 4 portion sizes. If you enable the alternate sizes feature, you can pour 4 more portion sizes at each tap (for a total of 8 different portion sizes). See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.
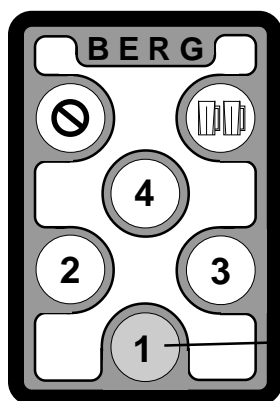
■ **To pour a TAP 1 drink:**

1. Learn the button numbers for the preset portion sizes of your taps. The following is a typical arrangement:

   Button 1 - glass size portion
   Button 2 - mug size portion
   Button 3 - pitcher size portion
   Button 4 - add a head (splash portion)

2. Press the button on the keypad for the portion size you want (e.g., press button 1 to pour a glass size portion). The light behind the button you press goes out.

3. Wait for the pour to end and remove the glass. The button light comes back on.
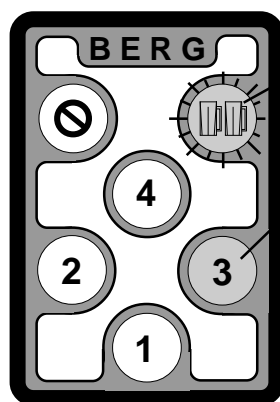
■ **To pour an alternate size drink:**

1. Press the repeat button (in the upper right corner of the keypad.) The light behind the repeat button blinks.

2. Press the portion size button for the alternate size you want. The light behind the button you press goes out.

   Button 1 - portion size 5
   Button 2 - portion size 6
   Button 3 - portion size 7
   Button 4 - portion size 8

3. If you enabled **Alt Size Reset**, all lights come back on when the alternate size pour is completed. You are no longer in the alternate size mode.

   If you did not enable **Alt Size Reset**, the repeat button continues to blink. The portion size buttons remain in the alternate size mode until you press the repeat button again (or the cancel button.)

Note

❑ To add a head to the drink, see *Add a Head to a TAP 1 Drink* in this section.

Alternate Size/Repeat Pour

● These are mutually exclusive features; you can't enable alternate sizes and repeat pours at the same time.

Pour a Complimentary TAP 1 Drink

If you enable the complimentary pouring feature for a TAP 1 ECU, any portion sizes can be poured as complimentary drinks. (See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.)
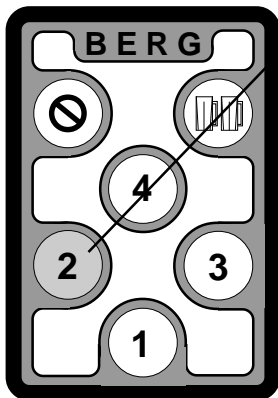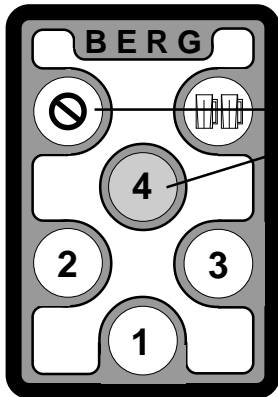
■ **To pour a complimentary TAP 1 drink:**

1. While holding the cancel button in the upper left hand corner of the keypad, press button 4.

    The light goes out behind button 4.

2. Release both the cancel button and button 4.

    All button lights come back on.

3. Position your glass under the tap of the brand you wish to pour.

4. Press the portion size button on the keypad (just as you would for a normal pour).

    The light goes out behind the button you press.

5. Wait for the pour to end and remove the glass.

    If **Comp Reset** is enabled all button lights come back on and the complimentary pouring mode is ended.

Notes

❑ A light goes out behind button 1, 2 or 3 when you initially press the cancel button. This has to do with price levels and does not affect the complimentary pour.

❑ To see if the complimentary pouring mode is on, hold down the cancel button. If button 4 is not lit, complimentary pouring mode is on.

❑ If you haven't started the pour, you can undo the complimentary pouring mode by holding down the cancel button and pressing button 4 again.

❑ You cannot repeat a complimentary pour using the repeat button.

Add a Head to a TAP 1 Drink

One of your portion sizes may be programmed to add a splash of product to an already poured glass, mug or pitcher. This splash is typically 1 oz (3 cl) of product that adds a head to the drink.
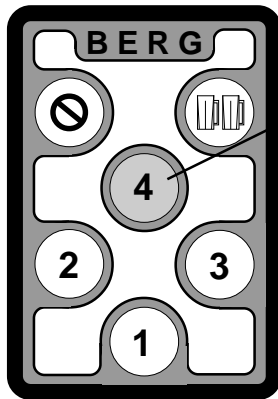
■ **To add a head to a TAP 1 drink:**

1. Pour the desired portion size.

2. Leave the glass under the tap and press the button programmed to "add a head."

    The light behind the "add a head" button goes out.

3. Wait for the splash to top off the drink and remove the glass.

    All button lights come back on.

Notes

❑ Typically, the "add a head" portion is assigned to button 4.

❑ For EPROMs version 3.00 and later, the add a head limit determines the number of consecutive add a head pours allowed. The add a head limit is a TAP 1 ECU setup feature. See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section. (Any zero-priced portion will be counted in the add a head limit.)

Pause a TAP 1 Pour

If you are interrupted during the pouring of a TAP 1 drink or you need time for the foam to settle you can stop the pour in progress and resume it later.
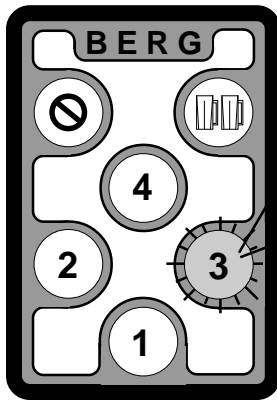
■ **To pause a TAP 1 pour:**

1. Press the same portion size button you pressed to begin the pour.

   The light behind the button blinks and the pour stops. The button continues blinking until you resume the pour.

2. Press the same portion size button again to resume the pour.

   The light behind the button goes out and pouring continues at the exact point it left off.

Notes

❑ You can pause and resume a pour as many times as needed.

❑ Press the cancel button to abort a paused pour.

Repeat a TAP 1 Pour

If you know you will be pouring the same drink two or more times in a row, use the TAP 1 repeat feature. This feature must be enabled with **Infinity** software. (See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.)

■ **To repeat a TAP 1 pour:**
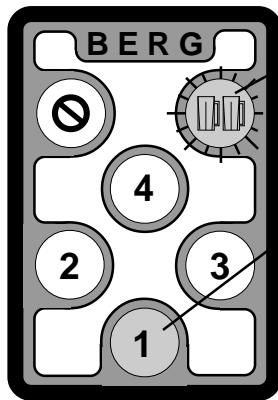
1. Press the repeat button (the button with two mugs in the upper right corner).

   The light behind the repeat button blinks.

2. Position your glass under the tap and press a portion size button (button 1 in our example).

3. Wait for the pour to end and remove the glass.

   The light behind the portion size button comes back on for the number of seconds (1-9) specified in the software for **Repeat Delay**.
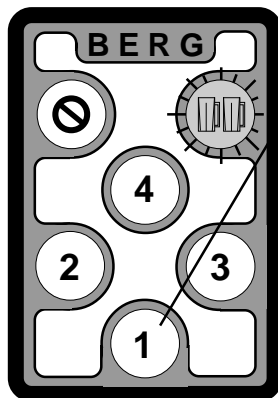
4. Quickly position a new glass under the tap.

   The light behind the portion size button goes out again as the new pour begins.

5. Repeat steps 3 and 4 for as many identical drinks as you need.

6. Press the repeat button again anytime during the pouring of the final drink to turn the repeat feature off.

   The repeat button stops blinking and the current pour continues until finished.
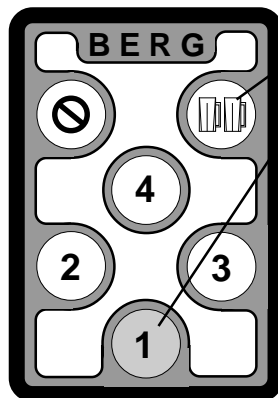
Notes

❑ As long as the repeat button continues to blink, you are in the repeat mode.

❑ If you press the cancel button to get out of repeat mode, it cancels the pour in progress as well.

❑ You can press the repeat button anytime before or during the pour you want to repeat.

❑ Alternate sizes and repeat pours are mutually exclusive features; you can't enable both at the same time.

Cancel a TAP 1 Pour

You can cancel a TAP 1 pour in progress. If you have EPROM version 3.0 or above in a TAP 1 ECU, you can use **Infinity** software to specify whether canceled pours are counted as cancels. (See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section for help with this feature.)
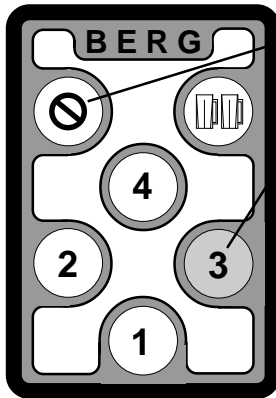
■ **To cancel a pour:**

1. Press the cancel button in the upper left corner while a pour is in progress.

   The button light of the portion size being poured comes on and any pouring operations in progress immediately cease.

Notes

❑ If you are interrupted during a pour, use the pause feature (see *Pause a Pour*) rather than cancel, so you can resume pouring where you left off.

❑ If you press the cancel button to get out of repeat mode, it immediately stops the pour in progress as well.

TAP 1 Manual Pouring Operation

You can convert your taps to pour manually any time you wish, but you must first enable this feature using **Infinity** software. If you have flow meters installed in your lines, any manual pours continue to be monitored by **TAP 1** and appear on system reports. If you have an unusually high number of manual pours in a report, it could be due to cleaning the system. (Clear Sales (Z) before and after cleaning to eliminate these numbers from your sales reports.)

■ **To manually pour using the TAP 1 buttons:**
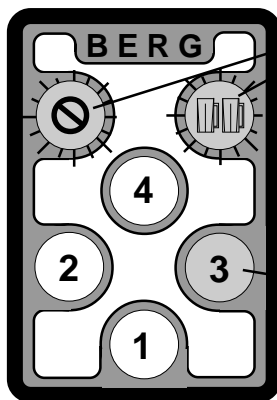
1. While holding the cancel button, press the repeat button.

   Both the cancel and repeat buttons blink to indicate you are in the manual pouring mode.

2. Press any one of the four portion size buttons to begin a pour.

   The light behind the pressed button goes out.
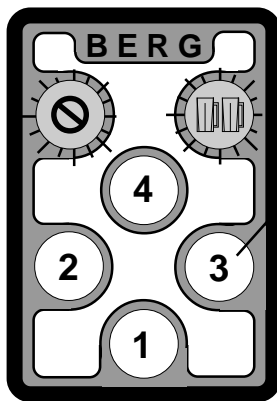
3. Press the same portion size button again to stop the pour.

   The light behind the pressed button comes back on.

4. While holding the cancel button, press the repeat button to turn off manual mode from the tap.

   All lights come back on.
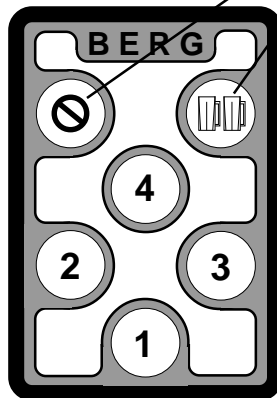
Notes

❑ Pressing the cancel button alone does not cancel manual mode. It only cancels the pour in progress.

❑ Manual pouring continues indefinitely until you stop the pour. All portion control is suspended.

❑ All four portion size buttons function the same in the manual mode. However, you must use the same button to start and stop a pour.
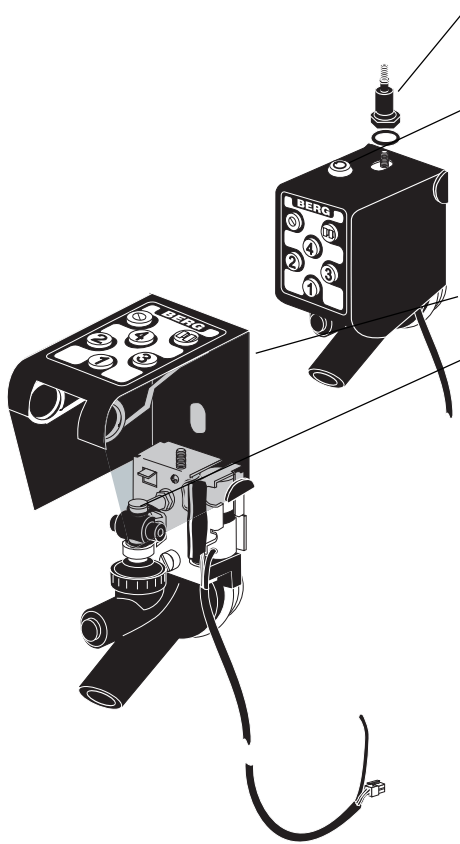
■ To manually pour using the brand handle:

1. Unscrew the decorative brand handle and remove the brand handle flange from the top of the tap.

2. Insert the tap key (#1105) into the keylock on the top of the tap and turn clockwise.

   The tap key cannot be removed from the cover when in the unlocked position.

3. Flip the tap cover up.

4. Operate the tap manually by pulling the brass lever forward to pour and pushing it back to stop.

■ To convert back to TAP 1 operation:

1. Flip the tap cover down.

   The tap display lights go on when the circuitry in the cover makes adequate contact with the tap head.

2. Turn the tap key counterclockwise 90 degrees and remove the key.

3. Replace the brand handle flange and brand handle. (Screw the flange down securely to completely lock the tap cover.)

TAP 1 End of Keg Handling

The way you set up your TAP 1 ECU with **Infinity** software determines how you know when you're out of beer at the taps. Whether or not you have flow meters, choose to run in timer mode, or enable automatic end of keg pause determines what happens when a keg is empty. See *New ECU Setup (TAP 1)* or *Modify an ECU* in the *Network and ECU Setup* section.
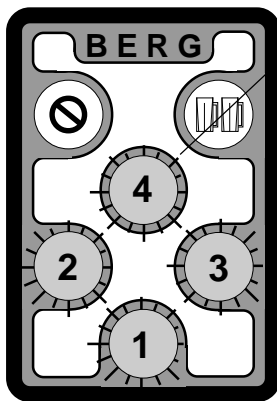
NOTE: If the lights continue to blink after you've changed the keg and finished your pour, press the cancel button to stop the blinking.

■ **If you've installed flow meters AND you're not running in timer mode AND you've enabled immediate pause:**

1. Buttons 1-4 on the tap blink continuously as soon as the flow meter detects an empty keg. (The button of the portion size you are pouring stays unlit.)

2. All pouring operations immediately pause.

3. You can press the cancel button to cancel the paused pour in progress and stop the blinking while you go change the keg. Or you can press the unlit portion size button to finish the pour at the risk of filling your line with foam. Or you can change the keg and then resume the pour by pressing the unlit portion size button.

■ **If you've installed flow meters AND you're not running in timer mode AND you've enabled pause after pour complete:**

1. Buttons 1-4 on the tap blink continuously (informing you of an empty keg) AFTER the current pour is complete.

2. Pouring operations can continue even with buttons 1-4 blinking. (Repeat drinks continue to pour unless you cancel.)

3. You can change the keg or continue pouring (at the risk of getting foam into the line).

■ **If you've installed flow meters AND you're not running in timer mode AND you've chosen no indication:**

1. No lights blink at the tap to inform you when the flow meter detects an empty keg. **TAP 1** uses a back up timer to accurately complete any pour in progress.

2. The only indication of an empty keg is a foaming faucet.

■ **If you're running in timer mode:**

No lights blink at the tap to inform you of an empty keg. Foam may get into the line and pour from the tap.

Pour with Server ID

If the server ID feature is enabled for the ECU, you must insert a valid server key in a remote server access box to pour a drink. This feature can be used to pour All-Bottle, Laser or TAP 1 drinks. (See the *New ECU Setup* tasks or *Modify an ECU* in the *Network and ECU Setup* section for help with enabling this feature.)
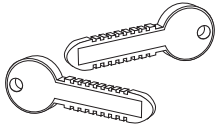
■ **To pour with server ID:**

1. Insert a server key in a server key receptacle.

   Each server key receptacle is associated with an Infinity ECU, a 1544 Infinity ECU or a TAP 1 partition. While a key remains in the receptacle, every sale from a dispenser connected to the associated ECU or partition is written to the key.

2. Pour a drink. (See the other tasks in this section.)

3. Remove the server key from the server key receptacle.

Notes

❑ When an Infinity ECU has server ID enabled, all lights on the Laser front panel, the Laser guns and the I-box are off when there is no key in the server key receptacle.

❑ When a TAP 1 partition has server ID enabled, all tap lights in the partition are off when there is no key in the server key receptacle.

Server Limit with Partitions

If you divide a TAP 1 ECU into more than 4 partitions, the number of servers whose sales are tracked (at any given time) is reduced from 20 per partition to 10 per partition.

SECTION 22 Maintenance and Upgrading

Proper cleaning and maintenance of the **Infinity** system is essential. Refer to this section for the following tasks:

Clean an Infinity, TAP 1 or 1544 Infinity ECU

The ECU is designed to protect the electronics inside from moisture, but bartenders should still be cautioned to avoid splashing water or drinks on the ECU. If a spill should occur on the outside housing of an ECU, use this procedure to clean it.
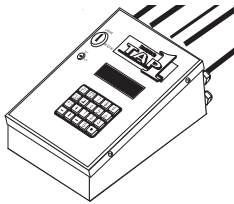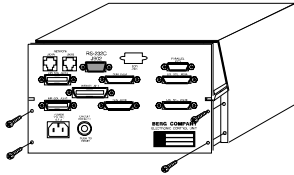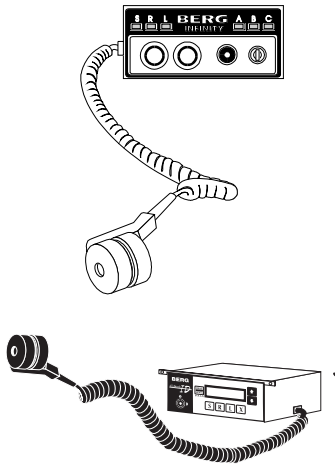

■ To clean the ECU:

1. Unplug the power cord and any air solenoid cables from the ECU.

2. Wipe the outside of the ECU with a damp (not dripping) cloth or sponge.

Notes

❑ Do not attempt any more thorough cleaning of an ECU, and absolutely do not attempt to clean any internal circuit boards or surfaces.

❑ If you think liquid may have found its way inside the ECU, call your Berg dealer immediately.

Clean the I-Box, All-Bottle ID Dispenser or Laser Dispenser

Sensitive electronic elements are safely protected inside the I-Box, All-Bottle ID dispenser and Laser dispenser to deliver reliable service under heavy use in bar conditions. Bartenders should still be cautioned to avoid splashing water or drinks on the box. If a spill should occur on the I-Box or Laser dispenser, use this procedure to clean it.

■ **To clean the I-Box, All-Bottle ID dispenser or Laser dispenser:**

1. Wipe the outside with a damp (not dripping) cloth or sponge.

2. Wipe the activator ring and activator ring holder with a damp cloth or sponge.

Notes

❑ Do not attempt any more thorough cleaning of an I-Box, All-Bottle ID dispenser or Laser dispenser, and absolutely do not attempt to clean any internal circuit boards or surfaces.

❑ If you think liquid may have found its way inside the box, call your Berg dealer immediately.

Clean the All-Bottle Coded Pourers

The All-Bottle coded pourers are carefully designed for liquor dispensing applications. They impart no taste or odor to liquor and should only be cleaned with clear water. Each pourer should be cleaned every time it is removed from a bottle. Berg provides a pourer washing fixture for this purpose.

Water faucet

Pourer washing fixture

Pourer

Flange

Plastic insert

Breather tube
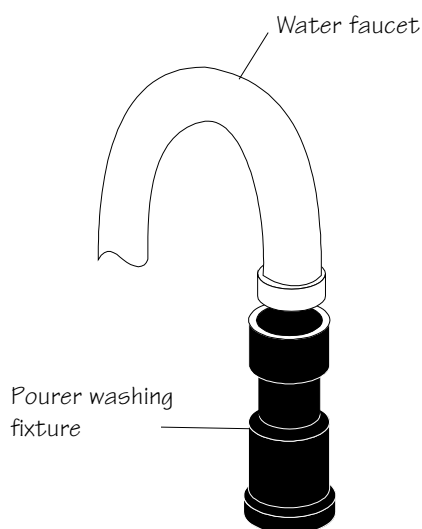
■ **To clean an All-Bottle coded pourer:**

1. Attach the smaller end of the pourer washing fixture (Berg PN 9007191) to your faucet. Turn on a gentle flow of warm water.

2. Insert a coded pourer into the pourer washing fixture with the tip of the pourer pointed slightly away from you.

3. Snap the flange of the coded pourer into the washing fixture and hold it there for a few seconds.

   Two streams of water (one from the end of the breather tube and the other from inside the plastic insert) flow from the coded pourer when all passages are clear. Especially gummy pourers may need to be held in the washing fixture a little longer until both streams of water are running freely.
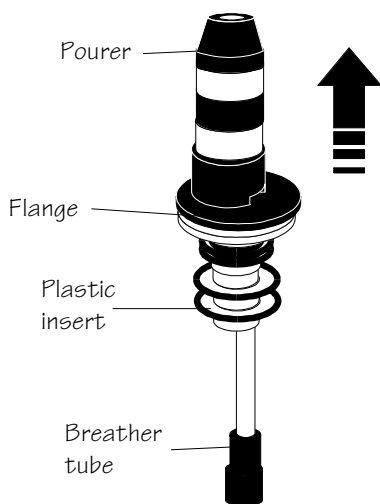
Notes

❑ Never clean your pourers in a dishwasher.

❑ Never use soap to clean a pourer. Unless removed completely, soap can get into your liquor. It can also react chemically with the specially formulated plastics and make them brittle, shortening the useful life of your pourers.

❑ If a pourer is removed from a bottle and allowed to dry without being cleaned, soak it for several minutes in clear, warm water to loosen the dried liquor before inserting the pourer in the washing fixture. Repeat the soaking and rinsing if necessary.

❑ Check the plastic insert of a pourer when cleaning. Liquor drying on the plastic may remove some of the plastic's elasticity. If the plastic insert remains stiff after cleaning, replace it.

Clean the Laser Gun

The outside of the Laser gun should be cleaned regularly.

■ **To clean the Laser gun:**

1. Use warm water (never hot) and a mild, non-abrasive detergent to clean the outside of the Laser gun.

2. Gently wipe the gun with a wet (not dripping) cloth or sponge.

    Avoid getting cleanser into the diffuser screens on the bottom of the gun.

Clean a TAP 1 Faucet

Regular cleaning of the plastic faucets inside the **TAP 1** tap controllers is essential. Continual use without cleaning can impair the flavor of the beverage and cause the faucets to stick and eventually freeze up. Whether you perform your own draft system cleaning or hire someone to do it for you, follow these steps to insure proper functioning of your taps.
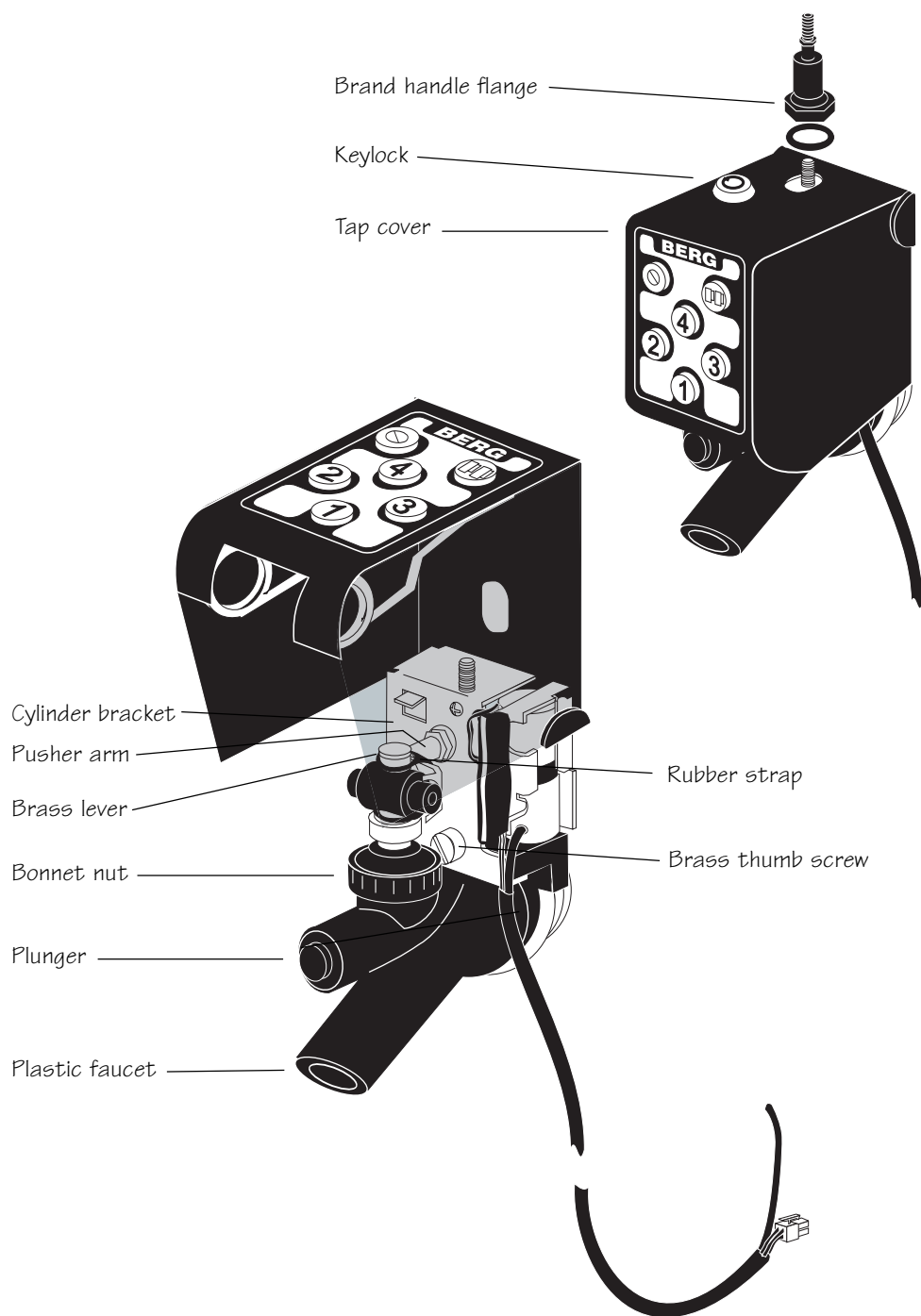
■ **To clean a TAP 1 faucet:**

1. Unscrew the brand handle and remove the brand handle flange from the top of the tap.

2. Insert the tap key (#1105) into the keylock and turn clockwise 90 degrees. (The tap key cannot be removed from the tap cover when in the unlocked position.)

3. Flip the tap cover up.

4. Remove the rubber strap from the top of the brass lever.

5. Remove the brass lever by loosening the bonnet nut.

6. Unscrew the brass thumb screw that holds the cylinder bracket to the faucet.

7. Slide the tap cover and cylinder bracket assembly to the right and set it aside where it will not get wet.

8. Remove the plastic faucet with a spanner wrench.

9. Clean the faucet and plunger as you would any draft system faucet.

10. Replace the faucet using a spanner wrench.

11. Replace the tap cover and cylinder bracket assembly on the faucet by placing it at the right side of the faucet and sliding to the left.

12. Replace the brass thumb screw in the cylinder bracket hole and tighten.

13. Replace the brass lever on the faucet and tighten the bonnet nut. Make sure the bottom end of the lever penetrates the slot in the plunger.

14. Attach the rubber strap to the brass lever by feeding the strap behind the pusher arm and over the brass lever.

15. Flip the tap cover down. (The lights on the tap go on when the cover is all the way down.)

16. Turn the tap key counter-clockwise 90 degrees and remove the key.

17. Replace the brand handle flange and brand handle. (Screw the flange down securely to completely lock the tap cover.)

Brand handle flange

Keylock

Tap cover

Cylinder bracket

Pusher arm

Brass lever

Bonnet nut

Plunger

Plastic faucet

Rubber strap

Brass thumb screw

Replace the Infinity ECU Battery

If AC power to the ECU is constantly maintained, the lithium battery inside the ECU should provide years of service. The first symptom of a dying battery may be incorrect portion sizes at the ECU's dispensers. Often the complimentary mode and price-level functions will stop operating properly, and sales information may be incomplete or incorrect. If symptoms indicate that an ECU's battery is fading, the battery should be replaced using this procedure.
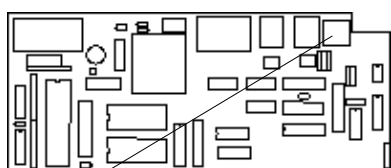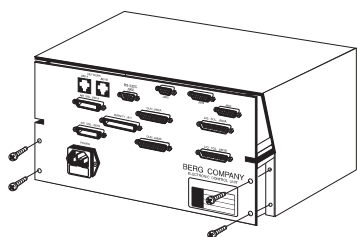
Battery location on CPU board
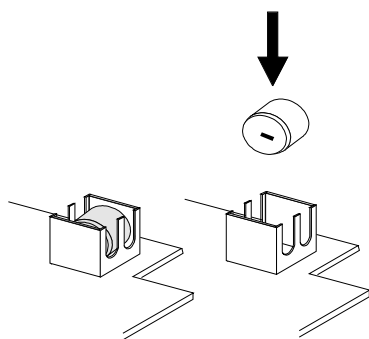
■ **To replace the battery in an Infinity ECU:**

1. Archive and clear sales (Z) for the ECU to save the latest sales information.

2. Unplug the ECU.

3. Remove the four screws that secure the ECU chassis to its cover, and slide the chassis out from under the cover.

   The CPU board is directly accessible from above the ECU when the cover is removed. You don't need to remove the CPU board from the chassis.

4. Remove the old battery by inserting the tip of a small screwdriver under it and gently prying it from its socket.

5. Insert the new battery into the battery socket, being sure to align the positive "+" side of the battery with the positive "+" side of the socket. When fully inserted, the battery will be level with the ends of the socket.

6. Slide the ECU chassis back into its mounted cover, and secure it with the four screws.

7. Plug in the ECU.

8. At the computer, clear and restore the ECU's memory. See *Clear and Restore Memory* in the *ECU Diagnostics* section.

Caution:

Lithium is poisonous if swallowed. Be careful not to puncture the battery case of an old or new battery. Lithium batteries are not rechargeable. Lithium batteries can overheat or rupture if shorted; handle with care and dispose of used batteries in accordance with manufacturer's instructions. Replace an old battery with Berg PN 8007776, a Duracell DL1/3N or a Sanyo CR1/3N. For your safety use no substitutes without the expressed written consent of Berg Company.

Electronic components are sensitive to static electricity. If possible, avoid working on the Infinity ECU while standing on a carpeted surface. Before you open the ECU, discharge any static electricity from your body by touching any known grounded metal surface. Also discharge the static repeatedly in like manner while working on the ECU.

Change the EPROM in an Infinity ECU

You may need to replace the EPROM chip in the Infinity ECU. Replacing the chip is not difficult–it just requires a certain amount of care to protect the fragile pins on the sides of the chip.
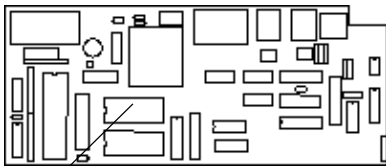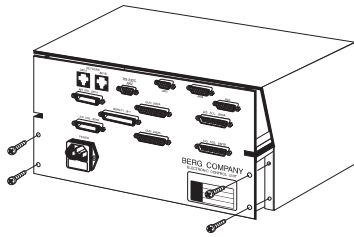
EPROM location on CPU board
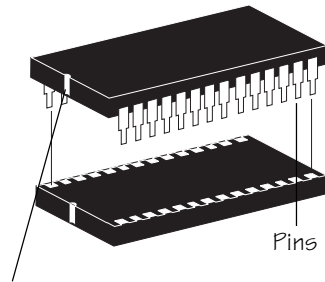
U-shaped notch on EPROM

■ **To change the EPROM in an Infinity ECU:**

1. Archive and clear sales (Z) for the ECU to save the latest sales information.

2. Unplug the ECU.

3. Remove the four screws that secure the ECU chassis to its cover, and slide the chassis out from under the cover.

   The CPU board is directly accessible from above the ECU when the cover is removed. You don't need to remove the CPU board from the chassis.

4. Remove the old EPROM with the PROM remover tool (Berg PN 8004798). Follow the instructions accompanying the tool. Note the orientation of the chip.

5. Insert the new EPROM into the socket by aligning the U-shaped notch of the chip with the U-shaped notch of the socket.

   Be sure all EPROM pins are aligned with the socket. Take care not to bend or damage any of the pins. Gently press straight down on the EPROM until it locks into position.

6. Slide the ECU chassis back into its mounted cover, and secure it with the four screws.

7. Plug in the ECU.

8. At the computer, clear and restore the ECU's memory. See *Clear and Restore Memory* in the *ECU Diagnostics* section.

Caution:

Electronic components are sensitive to static electricity. If possible, avoid working on the Infinity ECU while standing on a carpeted surface. Before you open the ECU, discharge any static electricity from your body by touching any known grounded metal surface. Also discharge the static repeatedly in like manner while working on the ECU.

Replace the TAP 1 ECU Battery

If AC power to the ECU is constantly maintained, the lithium battery inside the ECU should provide years of service. The symptoms of a dying battery may include a "Memory Corrupt" message on the ECU display .

■ **To replace the battery in a TAP 1 ECU:**

1. Archive and clear sales (Z) for the ECU to save the latest sales information.

2. Unplug the ECU.

3. Remove the cover of the ECU by loosening the four machine screws around its edge.

4. Remove the old battery by inserting the tip of a small screwdriver under it and gently prying it from its socket.

5. Insert the new battery into the battery socket, being sure to align the positive "+" side of the battery with the positive "+" side of the socket. When fully inserted, the battery will be level with the ends of the socket.

6. Replace the cover of the ECU by tightening the four screws that secure it.

7. Plug in the ECU.

8. At the computer, clear and restore the ECU's memory. See *Clear and Restore Memory* in the *ECU Diagnostics* section.
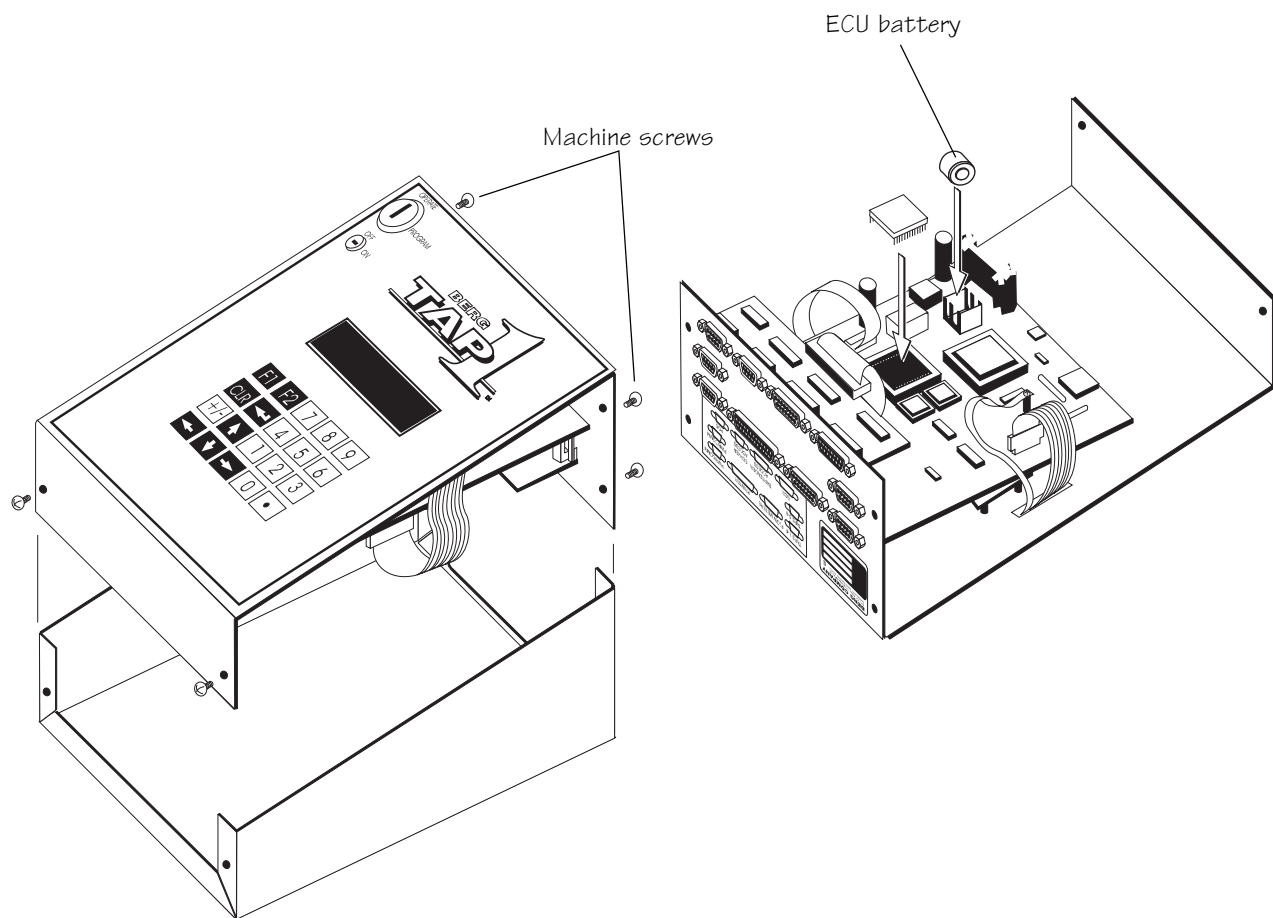
Caution:

Lithium is poisonous if swallowed. Be careful not to puncture the battery case when removing an old battery or inserting a new one. Lithium batteries are not rechargeable. Lithium batteries can overheat or rupture if shorted; handle with care and dispose of used batteries in accordance with manufacturer's instructions. Replace an old battery with Berg PN 8007776, a Duracell DL1/3N or a Sanyo CR1/3N. For your safety use no substitutes without the expressed written consent of Berg Company.

Electronic components are sensitive to static electricity. If possible, avoid working on the ECU while standing on a carpeted surface. Before you open the ECU, discharge any static electricity from your body by touching any known grounded metal surface. Also discharge the static repeatedly in like manner while working on the ECU.

ECU battery

Machine screws

Change the EPROM in a TAP 1 ECU

As new versions of **TAP 1** become available you will need to replace the EPROM in your customers' ECUs. Replacing the chip is not difficult—it just requires a certain amount of care to protect the fragile pins on the sides of the chip.

■ **To change the EPROM in a TAP 1 ECU:**

1. Archive and clear sales (Z) for the ECU to save the latest sales information.

2. Unplug the ECU.

3. Remove the cover of the ECU by loosening the four machine screws around its edge.

4. Remove the old PROM chip with the chip puller tool, 8004798, from your Berg Beer Toolkit. Note the orientation of the chip.

5. Insert the new PROM into the socket by aligning the angled corner of the chip with the top left corner of the socket. (It should match the orientation of the old chip.)

   Be sure all PROM pins are aligned with the socket. Take care not to bend or damage any of the pins. Gently press straight down on the PROM until it locks into position.

6. Replace the cover on the ECU and tighten the four screws that secure it.

7. Plug in the ECU.

8. At the computer, clear and restore the ECU's memory. See *Clear and Restore Memory* in the *ECU Diagnostics* section.

Caution:

Electronic components are sensitive to static electricity. If possible, avoid working on the ECU while standing on a carpeted surface. Before you open the ECU, discharge any static electricity from your body by touching any known grounded metal surface. Also discharge the static repeatedly in like manner while working on the ECU.

ECU PROM chip

Machine screws
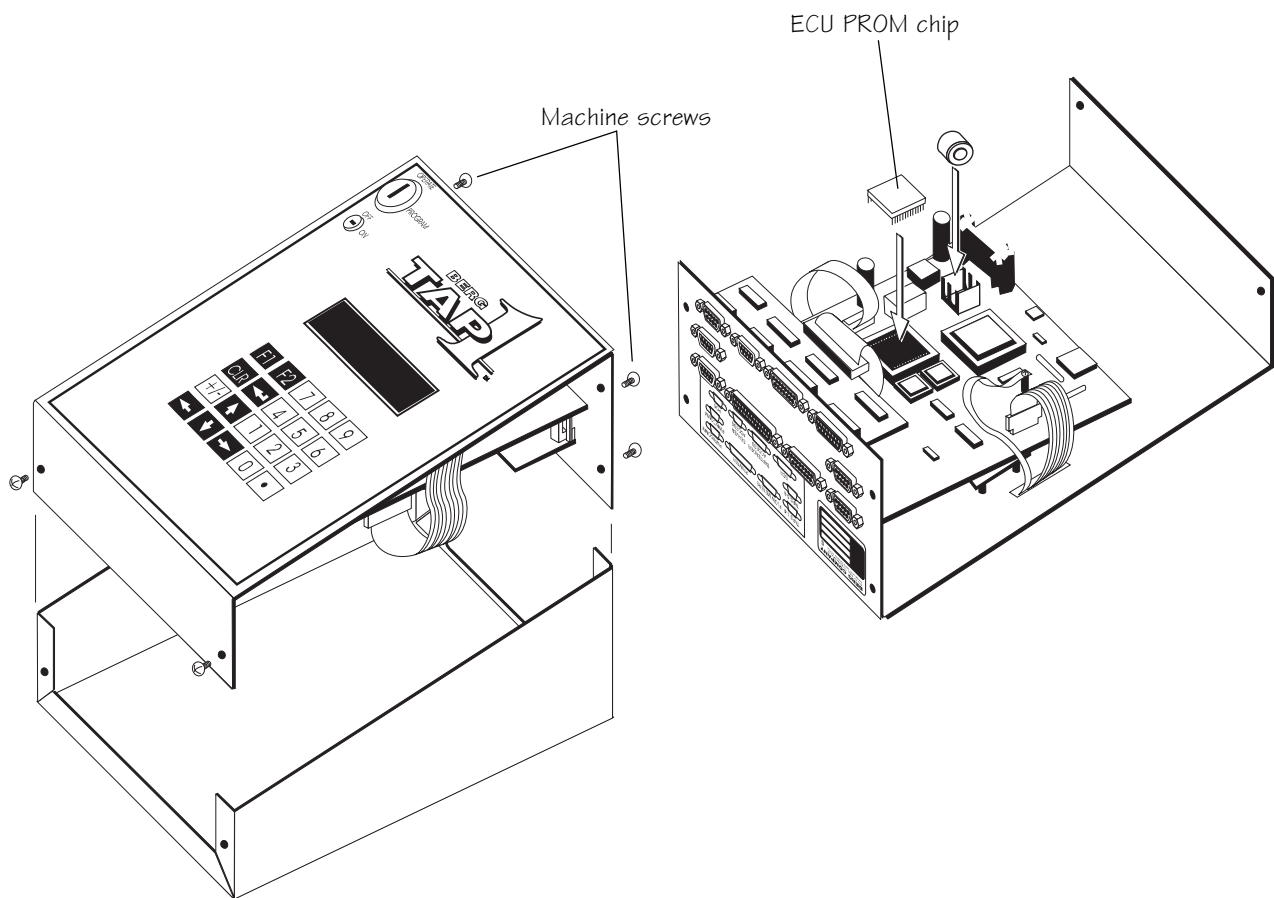
Replace the 1544 Infinity ECU Battery

If AC power to the ECU is constantly maintained, the lithium battery inside the ECU should provide years of service. The symptoms of a dying battery may include loss of setup data or sales records when the ECU is unplugged.

■ **To replace the battery in a 1544 ECU:**

1. Archive and clear sales (Z) for the ECU to save the latest sales information.

2. Unplug the ECU and disconnect all cables to the back of the ECU.

3. Loosen the two screws on each side of the ECU with a hex wrench. Loosen the stand off nuts on the back of the ECU with a nut driver. Open the bottom of the ECU.

4. Remove the old battery by inserting the tip of a small screwdriver under it and gently prying it from its socket.

5. Insert the new battery into the battery socket, being sure to align the positive "+" side of the battery with the positive "+" side of the socket. When fully inserted, the battery will be level with the ends of the socket.

6. Replace the bottom of the ECU by tightening the four screws that secure it on the sides and the stand off nuts on the back.

7. Plug in the ECU.

8. At the computer, clear and restore the ECU's memory. See *Clear and Restore Memory* in the *ECU Diagnostics* section.
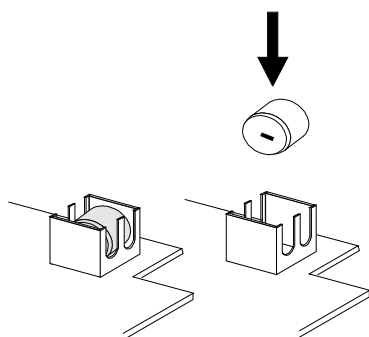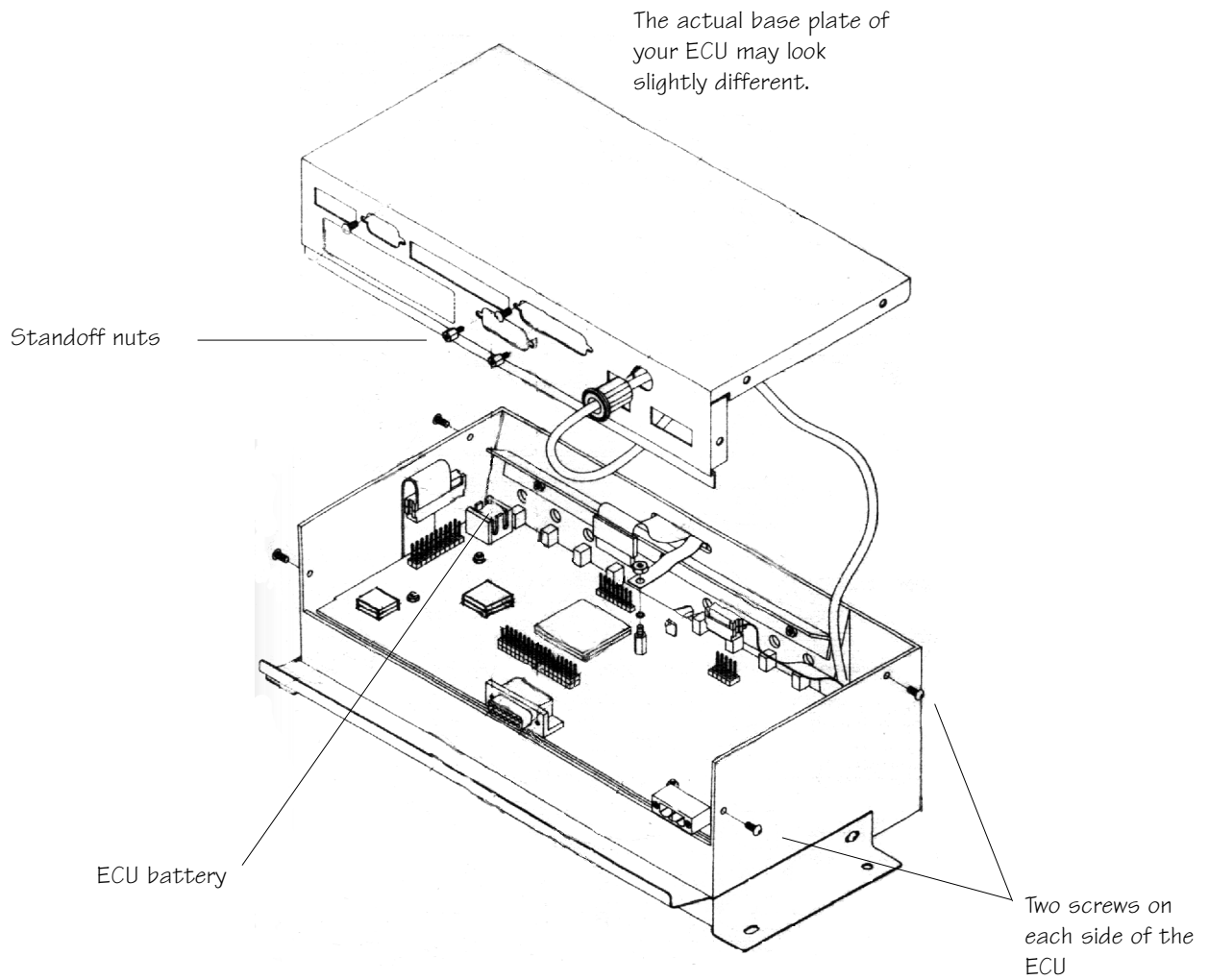
Warning:

Lithium is poisonous if swallowed. Be careful not to puncture the battery case when removing an old battery or inserting a new one. Lithium batteries are not rechargeable. Lithium batteries can overheat or rupture if shorted; handle with care and dispose of used batteries in accordance with manufacturer's instructions. Replace an old battery with Berg PN 8007776, a Duracell DL1/3N or a Sanyo CR1/3N. For your safety use no substitutes without the expressed written consent of Berg Company.

Caution:

Electronic components are sensitive to static electricity. If possible, avoid working on the ECU while standing on a carpeted surface. Before you open the ECU, discharge any static electricity from your body by touching any known grounded metal surface. Also discharge the static repeatedly in like manner while working on the ECU.

The actual base plate of
your ECU may look
slightly different.

Standoff nuts

ECU battery

Two screws on
each side of the
ECU

Change the EPROM in a 1544 Infinity ECU

If you upgrade your **1544 Infinity** ECU, you need to replace the EPROM chip. Replacing the chip is not difficult–it just requires a certain amount of care to protect the fragile pins on the sides of the chip.

■ **To change the EPROM in a 1544 ECU:**

1. Archive and clear sales (Z) for the ECU to save the latest sales information.

2. Unplug the ECU and disconnect all cables to the back of the ECU.

3. Loosen the two screws on each side of the ECU with a hex wrench. Loosen the stand off nuts on the back of the ECU with a nut driver. Open the bottom of the ECU.

4. Remove the old EPROM with the PROM remover tool (Berg PN 8004798). Follow the instructions accompanying the tool. Note the orientation of the chip.

5. Insert the new EPROM into the socket by aligning the angled corner of the chip with the angled corner of the socket. (It should match the orientation of the old chip.)
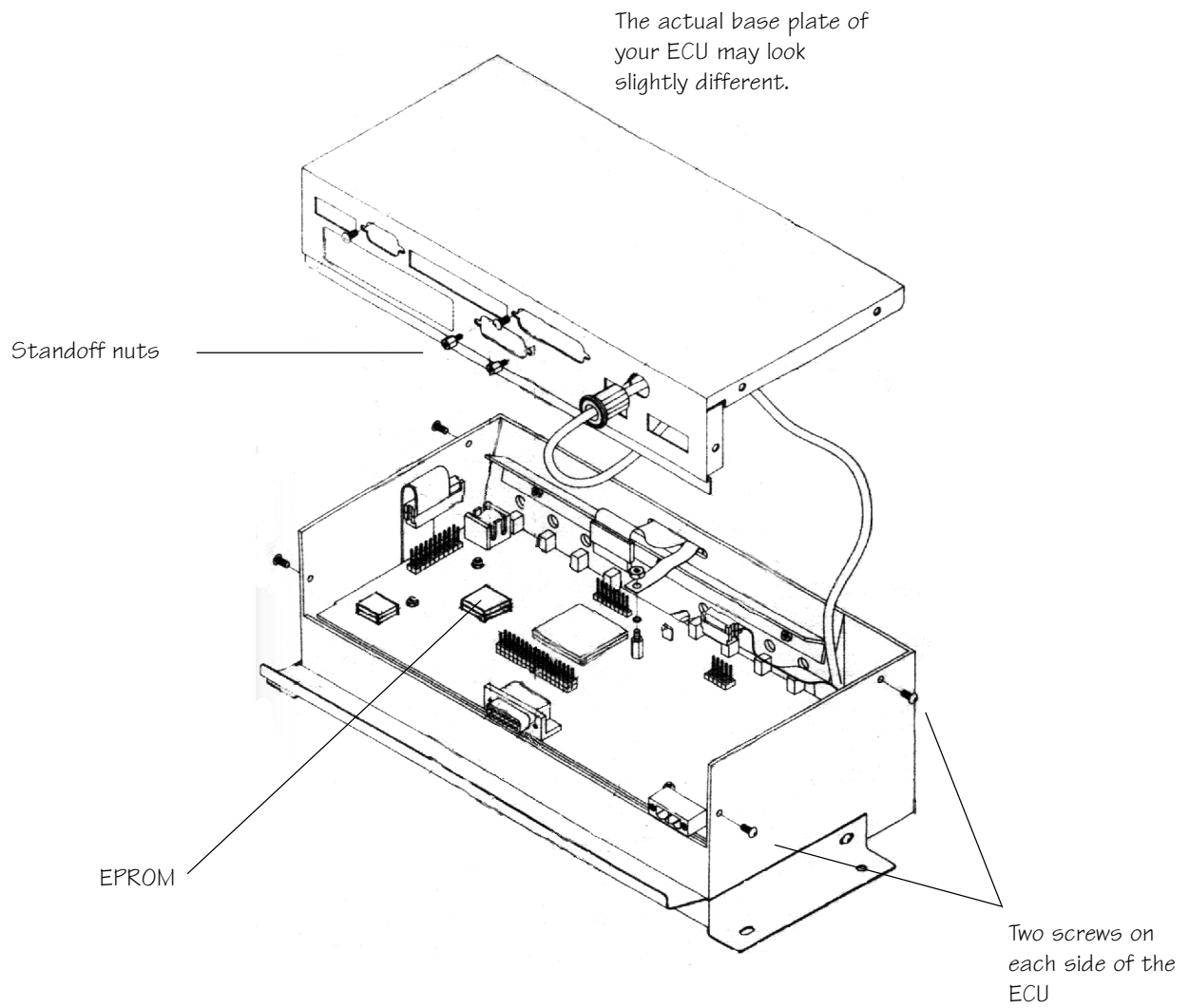
   Be sure all EPROM pins are aligned with the socket. Take care not to bend or damage any of the pins. Gently press straight down on the EPROM until it locks into position.

6. Replace the bottom of the ECU by tightening the four screws that secure it on the sides and the stand off nuts on the back.

7. Plug in the ECU.

8. At the computer, clear and restore the ECU's memory. See *Clear and Restore Memory* in the *ECU Diagnostics* section.

Caution:

Electronic components are sensitive to static electricity. To prevent damage, the EPROM is shipped in protective anti-static packaging. If possible, avoid opening the package or working on the ECU while standing on a carpeted surface. Before you open the package or the ECU, discharge any static electricity from your body by touching any known grounded metal surface. Discharge the static repeatedly in like manner while working on the ECU.

The actual base plate of your ECU may look slightly different.

Standoff nuts

EPROM

Two screws on each side of the ECU

Change the Fuses in an Infinity ECU

The newer style Infinity ECU (PN 8009700) has fuses instead of the circuit breaker found on the older ECU.

■ **To change the fuses in an Infinity ECU:**

1. Locate the fuse receptacle directly below the power cord connection.

2. Open the receptacle by gently prying with a screwdriver.

3. Replace the fuses (the receptacle takes two). Use Berg PN 8008027. The fuses are 1.0 amp 5x20mm slo-blo.

4. Close the fuse receptacle.