



DSD
BUSINESS SYSTEMS

DSD Business Systems

MAS 90 Enhancements

GLMC
SQL-compatible
General Ledger Multi-Currency

Version 3.74

sage
software

Master Developer

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General Ledger Multi-Currency User's Manual
Version 3.74

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DSD Business Systems
5120 Shoreham Place
Suite 280
San Diego, CA 92122
858/550-5900 8:00am to 5:00pm PST
858/550-4900 Fax

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Section A: Introduction

This manual contains a description and instructions for this DSD product. Operating instructions are included for the features added by this product to MAS 90. For instructions on using MAS 90, refer to the appropriate MAS 90 manual, or call your MAS 90 reseller. DSD Business Systems offers excellent MAS 90 support, at an hourly rate.

Web Resources

DSD web site: <http://www.dsdinc.com>

The Enhancement page contains:

- Current Release Schedule*
- Purchasing Information*
- Installation Instructions*
- Product Support*
- Enhancement Links*

GLMC General Ledger Multi-Currency: <http://www.dsdinc.com/enh/pages/GLMC.htm>

The product web page contains:

- Product Description*
- Adobe Acrobat Product Description*
- Web Links*
- Current Product Version Table*
- Product Installation File Download*
- Product Manual in Word 97 and Adobe Acrobat Formats*
- Revision History*
- FAQ*

Support

DSD provides product support through MAS 90 resellers. Support is provided for the current version. Older versions are supported at an hourly rate. DSD's telephone number is **858-550-5900**. Fax: **858-550-4900**.

For a hard error, where the program displays an error dialog, report:

- Error number.*
- Program name.*
- Line number.*
- Program version.*

*Exact sequence that caused the error, including menus and menu selections.
Other pertinent information.*

If leaving a message or faxing, please include:

Your name.

Your phone number (and fax if applicable) and extension.

It is possible to be unable to duplicate a problem, because of data corruption or because we have not exactly duplicated a particular operating environment. In such circumstances, we can only continue to try to fix the problem if we can either access the system with Symantec PCAnywhere or by some other means access or duplicate the system.

How G/L Multi-Currency Works

GLMC provides the configuration for Base and any number of other Currencies. Exchange Rates can be assigned on a daily basis or less often if desired. Financial reporting can be produced in Base Currency or any other maintained Currency, using the historical Exchange Rate or a Current one. FASB 52 reporting for US-owned foreign companies is fully integrated, as well as multi-company consolidation in the currency of choice. This enhancement is essential for producing financial reports in more than one currency.

General Ledger Multi-Currency Features

- **Base Currency:** The currency in which all General Ledger transactions will be maintained. The Base Currency is the "functional" or "local" currency of the Base economic environment in which the Company operates. Also referred to as "Primary" or "System" Currency. You may specify a Round-off Account to use when printing financial reports in other currencies.
- **FASB 52 Foreign Currency Translation:** You may define a Foreign Currency to be used when generating Foreign Translated Financial Statements conforming to FASB 52 requirements. You may change the FASB 52 Currency at any time and recalculate the FASB 52 amounts. You may specify an Equity Adjustment from Translation Account to use when printing Financials in FASB 52 Currency.
- **Foreign Currency Codes:** You may define an unlimited number of Foreign Currencies in which your company trades.
- **Currency Symbol:** Define a three-character Currency Symbol for each Currency to be used when printing Financial Statements and Accounts Payable checks.
- **Display Color:** Define a Display Color for each Currency to be used when displaying transactions entered in various currencies.
- **Define the Group Separator and Decimal Point symbols for Printing:** You may define the Group Separator symbol (the comma for US Currency) and decimal point symbol (the period for US Currency) when printing amounts for each Currency.

- **Right-Align Currency Symbol for Check Printing:** You may print the Currency Symbol to the right or left of the amount on Accounts Payable checks.
- **Buy and Sell Exchange Rates:** Define daily Buy and Sell Exchange Rates for each Currency to be used when converting amounts to Base Currency during Accounts Payable, Purchase Order, Accounts Receivable and Sales Order updates. You may specify the number of months to retain Exchange Rate History (0 to 999 months).
- **Currency Code Audit Report:** An audit report keeps track of any changes, deletion or additions to the Currency Code Masterfile.
- **FASB 52 Foreign Currency Translation Method:** You may specify which FASB 52 Translation Rate (Buy or Sell Exchange Rate) and Account Rate Type (Historical or Current Rate) to use by Account Break. Additionally, you may change these fields in any individual Account Number.
- **FASB 52 Beginning Balance Entry:** You may enter the FASB 52 Currency Beginning Balance for each Account.
- **Bank Accounts in Foreign Currencies:** You may define a Currency for each Bank Account.
- **Multi-Currency General Journal Entry:** You may define a Currency Code and Exchange Rate when doing General Journal Entry. The General Journal will print in both Base Currency and Transaction Currency.
- **Transactions Posted to the Bank Reconciliation module in Bank Currency:** Transactions posted from the Transaction Journal to Bank Reconciliation are posted in the Bank Currency for Reconciliation purposes (when BRMC is installed).
- **Data Exchange in Any Currency:** Import or Export Data and Transactions in any Currency using any Exchange Rate. This is especially helpful to consolidate multiple companies in multiple currencies.
- **Generate Custom Financials in Any Currency:** Custom Financial Reports can be setup to print in any Currency and any Exchange Rate.
- **Print Reports in Any Currency:** Print any report in Base, FASB 52 or Other Currency using As Posted or Current Amounts in either Buy, Sell or an Override Rate.
- **Generate Multi-Company Consolidated Financial Reports:** You may generate a Custom Financial Report consolidating data from more than one company.

Reports

GLMC modifies:

- | | |
|------------------------------|---------------------------------|
| • General Journal | • General Ledger Graphics |
| • Recurring Journal | • Trial Balance |
| • Transaction Journal | • Standard Financial Statements |
| • Daily Transaction Register | Income Statement |
| • General Ledger Worksheet | Statement of Operations |
| • Budget & History Report | (Departmental and Combines) |

Balance Sheet

- General Ledger Analysis
- General Ledger Detail Report
- G/L Detail by Source Report
- Monthly Trend Report
- Account Masterfile Audit Report
- Custom Financial Reports
- Allocation Journal

Multi-Company Features – Version 3.61 and above

The multi-company posting features, new to G/L Multi-Currency in version 3.61, have been designed to allow a managing company to process **G/L** transactions for an unlimited number of "subsidiary" companies.

G/L transactions may be distributed directly to other companies that have a **MAS 90** General Ledger database. Each line item entry contains a new Company Code field. This new field defaults to the Current Company. It may be changed to any other company that has been setup for inter-company processing.

When an inter-company distribution is made, a transaction is written to the other company's Daily Transaction File. For each transaction distributed to another company, a corresponding amount is posted to both companies' Inter-company Offset Accounts, in order to keep each of those General Ledgers in balance. A pair of Inter-company Offset Accounts must be set up in advance for each company that will have inter-company processing.

During line entry for an inter-company distribution, the General Ledger Account format, and the **<F2>** List Mode feature reflects the Chart of Accounts and the number format for the subsidiary company.

Inter-company Allocations are available in General Journal Line Entry, Recurring Journal Entry, Transaction Journal Entry, in Standard Journals, and in Allocation Maintenance.

Multi-Company Reports

The Multi-Company features adds or modifies the following reports:

- ◆ **Inter-company Maintenance Listing:** This new report is available through the Inter-company Maintenance screen, and lists each of the companies setup for Inter-company distributions, and their inter-company parameters.
- ◆ **General Ledger Options Listing:** This existing report has been modified to include the new Inter-company Entry flag.
- ◆ **General Journal:** This existing report has been modified to include the Company Code for each line item. The Error Log has been modified to display the Company Code for each invalid account detected.
- ◆ **Allocation Listing:** This existing report has been modified to include the Company Code for each line item.
- ◆ **Recurring Journal:** This existing report has been modified to include the Company Code for each line item.

- ◆ **Transaction Journal:** This existing report has been modified to include the Company Code for each line item. The Error Log has been modified to display the Company Code for each invalid account detected.

Section B: Getting Started

CAUTION

- **If you reinstall or upgrade one of the MAS 90 modules listed in the following table, you must also reinstall this Enhancement.**
- Enhancements from different Master Developers are generally not designed to work together. If installed together, problems are likely to occur.
- **Check with DSD before installing more than one Enhancement.**
- **Do not install this Enhancement on MAS SQL Systems.**

Required Levels

MAS 90 Module	Module Required	Required Level
G/L	Y	3.74

Installation

The following instructions are for installing to Windows. For UNIX instructions see the "INSTALL.HTM" HTML file on the CD-ROM (you can use a Windows machine to view it.) It will guide you in mounting the CD-ROM on the UNIX file system and running a UNIX installation script.

1. **Back-up:** Exit all MAS 90 / MAS 200 sessions. Back-up existing MAS 90 / MAS 200 data.
2. **Check Levels:** MAS 90 / MAS 200 module levels **must match** those listed above.
3. **Run Enhancement Setup Program:** Insert the installation CD-ROM. The installation will normally run automatically, otherwise, run SETUP.EXE on the CD-ROM. This can be run from the server or a workstation. Follow on-screen instructions. *If installing from an e-mail message or from a Web download, run the program sent to you (or downloaded). This will self-extract and run same Setup program.*
4. **Re-Start MAS 90 / MAS 200:** MAS 90 / MAS 200 will be updated.
5. **Unlock the Enhancement:** DSD Enhancements must be unlocked to run. When any part of the Enhancement is run for the first time, the **DSD Enhancement License Agreement and Activation** window will appear. Follow the steps shown on that window. *You can click the Help button for more detailed instructions.*

Note: On the next page is a screenshot of the DSD Enhancement License Agreement and Activation window.

After accepting the License Agreement, you can then select the type of unlocking that you'd prefer. The choices are Normal, Demo and Web.

Normal Unlock: You will need to unlock the Enhancement by calling DSD during business hours (8am to 5pm PST) at **858-550-5900**.

Web Unlock: If the system that is running the DSD Enhancement *has web access* and you have a DSD WebUnlock code, can unlock the Enhancement without assistance using WebUnlock. When this option is selected, the window will change to show the WebUnlock entry section. Enter the WebUnlock code and click the Unlock button.

- Entering a WebUnlock code will unlock all DSD Enhancements that have been licensed.
- The MAS 90 / MAS 200 system that is being used must have web access for this option to be available.
- You can get a WebUnlock Code from your DSD Enhancements sales representative.

Demo Unlock: If a Demo mode is available for the Enhancement you're running, you will be able to Demo unlock the product without assistance from DSD for demo purposes.

- Creating a Demo Unlock is a good way to temporarily unlock DSD Enhancements off-hours, if you do not have web access and/or an WebUnlock code. Later, you can unlock the product fully, during business hours.

Note: You can also unlock a DSD Enhancement through the DSD Enhancement Control Panel window. This is accessed at the bottom of the Library Master Utility menu. Select the Enhancement with your mouse from the list of Enhancements and click the **Unlock Product** button on the right side of the window.

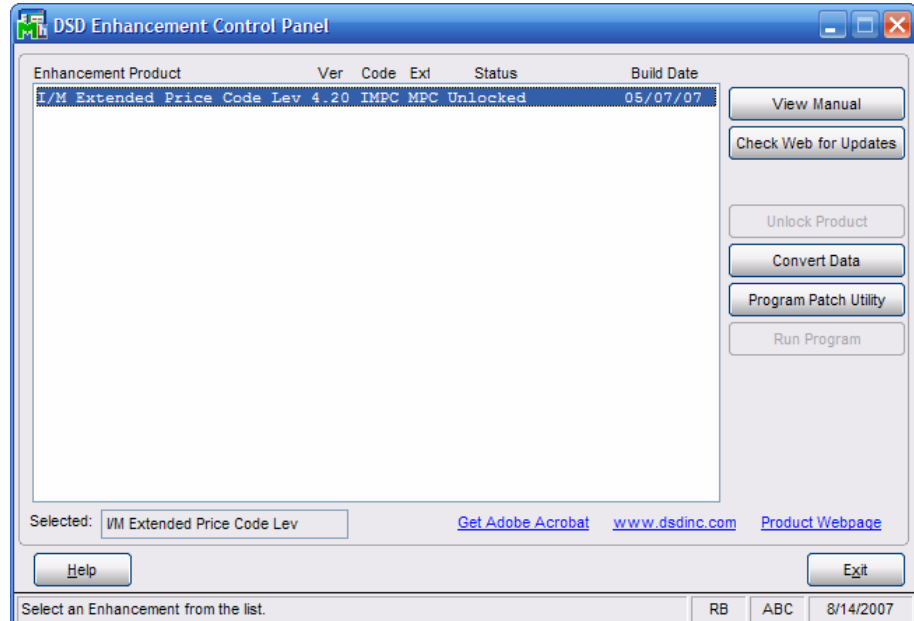
- Convert Data:** After registration, the Data Conversion window will appear. Follow on-screen instructions to complete data conversion. You can exit the conversion program without converting data. The Enhancement will not proceed, however, until data is converted. If you enter an enhanced program and data has not been converted, the conversion program will run again.

DSD Enhancement Control Panel

Starting with version 3.74, all DSD Enhancement products include DSD's Enhancement Control Panel. The **DSD Enhancement Control Panel is accessed from the Library Master Utilities menu.**

The DSD Enhancement Control Panel is a simple to use yet powerful system to help maintain DSD Enhancements installed on a MAS 90 / MAS 200 system. To use it, select an Enhancement product from the list on the window and then click the button, on the right side of the window, which corresponds with the desired task.

View Manual: This button will display the product manual for the selected Enhancement using Adobe Acrobat. For this to be possible, the PDF file for the corresponding manual must be in the “MAS90/PDF” folder in the MAS 90 system. If the file is not present, and the system has web access, the correct PDF file will be automatically downloaded from the DSD website, put into the “MAS90/PDF” folder and then displayed.



Check the Web for Updates: This button will check the DSD website to see what the current build is the selected Enhancement and alert the user if a later version is available. *This requires a web connection on the MAS 90 / MAS 200 system.*

Unlock Product: This will cause the DSD Enhancement License Agreement and Activation window to appear. Using this window is described on the previous page. *This button is disabled if the selected Enhancement is already unlocked.*

Convert Data: After verification, the selected Enhancements data conversion program will run.

Program Patch Utility: Only use this option under the guidance of a DSD Enhancement Technician. That person will guide you in its use.

Run Program: This button is enabled for certain DSD Utility programs only.

Additional Controls

Help: The Help button, located at the bottom left of the window, opens an HTML help file similar to the above.

Get Adobe Acrobat: Opens the Adobe Acrobat website to the page where Acrobat can be downloaded and installed.

There are also links to the DSD website and the Enhancement page on that site.

Section C: Setup

G/L Multi-Currency Set-up

Set-up Procedure Overview

Set-up General Ledger Multi-Currency before any other modules. Set-up all installed modules, before performing transactions in any modules.

1. Install General Ledger Multi-Currency, as described, above. It is Ok to install all of the DSD Multi-Currency modules at once, however, you need to set-up the modules in a particular order starting with GLMC (see *below*).
2. In the G/L Setup Menu, run Currency Code Maintenance, which will run the conversion program.
3. In Currency Code Maintenance, set up the Base Currency. The conversion program has to know the Base Currency to be able to do the Multi-Currency conversion for all modules except GLMC.
4. In G/L Options, set-up FASB 52 and accounts. Be certain that Reporting accounts are not used anywhere else.
5. Set-up any other currencies.

Order in Which to Convert Data and Set-up Multi-Currency Modules

General Ledger Multi-Currency must be set-up and converted first as other conversions rely on GLMC data during conversion and set-up. Note that the modules are converted/set-up in the same order that they appear on the Modules menu in the MAS 90 Launcher program.

1. General Ledger Multi-Currency (GLMC)
2. Accounts Receivable Multi-Currency (ARMC)
3. Accounts Payable Multi-Currency (APMC)
4. Inventory Management Multi-Currency (IMMC)
5. Sales Order Multi-Currency (SOMC)
6. Purchase Order Multi-Currency (POMC)
7. Bank Reconciliation Multi-Currency (BRMC)

Avoid a Support Call

Keep these notes in mind while installing and setting-up Multi-Currency.

1. Once the Base Currency is set-up, it *cannot* be changed.

2. You *have to* set-up/convert the various Multi-Currency modules in the proscribed order. GLMC *must* be first.
3. Do not invert exchange rates. See **Buy and Sell Exchange Rates** for details and examples.
4. Make sure that **Round-off for Reporting** accounts are not used elsewhere.
5. Set-up each Multi-Currency module installed on the system before performing any transactions in any module.

Data Requirements

Before beginning the Multi-Currency Startup process, you should have the following information available:

- List of Currencies used including the Base Currency and all foreign currencies in which the company processes transactions.
- Buy and Sell Exchange Rates for all foreign currencies used.
- Round-off Account number to be used in General Ledger postings and reports.

Additionally, if you will be using the **FASB 52** reporting capabilities of this module, you will need this information before starting:

- FASB 52 Reporting Currency including its Buy and Sell Exchange Rates.
- Equity Adjustment from Translation Account number to be used when printing FASB 52 Translated Financial Statements.
- FASB 52 Translation Rate (Buy or Sell) and Rate Type (Historical or Current) to be used for each Account Break.
- FASB 52 Beginning Balance for each account in the FASB 52 Reporting Currency.

A new **Currency Button** has been added to all Multi-Currency related screens. Select this button to access the new Multi-Currency fields.

General Ledger Options

This program is used to tailor the way in which your Multi-Currency system interacts with the General Ledger.

In the Main Panel of the General Ledger Options, select the **Currency Button** to access the following Multi-Currency Options window:

Number of Months to Retain Exchange Rate

History: Enter the number of months to retain Exchange Rate History. Exchange Rates are saved by date for each Currency Code.

Multi-Currency Supervisor

Password: Enter the Password to be used to override the Transaction Currency and/or exchange rate during Data Entry in Accounts Payable,

Accounts Receivable,

Purchase Order and Sales Order. Use up to six characters. If you do not wish to enter a Password, press **<Enter>** to leave this field blank. If this field is left blank, the system will not ask for a Password for overrides.

FASB 52 Translation Required: Check this box if you require Foreign Currency Translations to conform to FASB 52 requirements.

Note: If you check this selection, the system will check to see if the A/P, A/R, or P/O modules are installed and, if so, will default the **Post Sales Journal/Cash Receipts Journal/Registers To General Ledger In Detail?** option to "selected" in the Setup screens for those other modules. These fields will be skipped when the A/P, A/R or P/O Options are accessed directly.

In essence, FASB 52 is a Financial Reporting Requirement of U.S. Subsidiaries located in other countries. It requires that some G/L Account Types be reported either at Current or Historical exchange rates.

If you change this field from **Cleared** to **Checked**, the FASB 52 - Foreign Currency Translation will need to be calculated for all the transactions previously entered. To perform this, select the **Fiscal Year Maintenance** in the Setup Menu and click the **Calculate** button.

Default Currency for Reports: Select **Base Currency** to default subsidiary reports (i.e. A/P Aging, A/R Trial Balance) to print in Base Currency. Select **Entry Currency** to default subsidiary reports to print in Entry Currency. All G/L Reports default to print in Base Currency.

Print Report Totals when printing in Entry Currency: Select this checkbox to print report totals on reports printed in Entry / Transaction Currency.

NOTE: If you decide to print totals in Entry Currency, those totals may not make sense if the report displays multiple currency transactions.

Currency for Landed Costs in PO: For P/O Multi-Currency installation, you have the option of entering Landed Costs in Receipt of Goods Entry in either Base Currency or Entry Currency.

G/L Round-off Account: Enter the Round-off Account to be used in General Journal Entry and Update. A round-off occurs when General Journal entry is in a non-Base Currency, and the conversion back to Base Currency causes a round-off (usually a one penny round-off).

Round-off for Reporting: Enter the default G/L Account to be used when printing reports that require a Round-off Account.

FASB 52 Equity Adjustment: Enter the G/L Account to be used when printing FASB 52 Translated Financial Statements. This field will be hidden if the FASB 52 Translation Required check box is not checked.

IMPORTANT NOTE: The Roundoff for Reporting and the FASB 52 Equity Adjustment accounts must NOT be the same account as the GL Roundoff Account or the A/P and A/R Gain/Loss or Roundoff accounts.

Account Break Maintenance

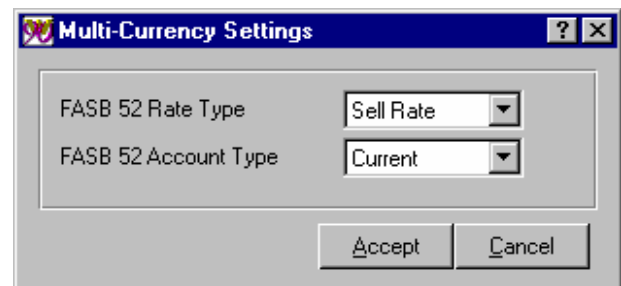
This program is used to define the FASB 52 Translation Rate and Account Rate Type to be used by each Account Break. When an individual Account Number is created these fields will default to the values entered in its corresponding Account Break. The user may modify the fields in a specific Account through the Account Maintenance option in the G/L Main menu.

If you checked the **FASB 52 Translation Required** check box in the General Ledger Options, the Account Break Maintenance Screen prompt will include a new **Currency Button**.

Select this button to access the following Multi-Currency Settings panel:

FASB 52 Rate Type: Select the **Buy Rate** to use the Buy Exchange Rate when translating this Range of accounts to the Reporting Currency. Select the **Sell Rate** to use the Sell Exchange Rate. This field will default to **Buy Rate**.

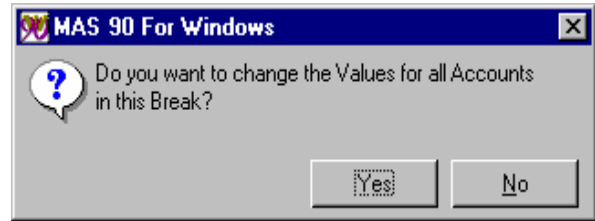
FASB 52 Account Type: Select **Historical** to use the Historical Rate method when performing FASB 52 - Foreign Currency Translations for this Account Break or **Current** to use the Current Rate method. This field will default to **Historical**.



If you change either of these fields, the following message will be displayed:

Click **Yes** to change the **Account Rate Type** value for all accounts in this break.

Select **No** to leave the current values for existing accounts. All new accounts will default to the new Rate Type value.

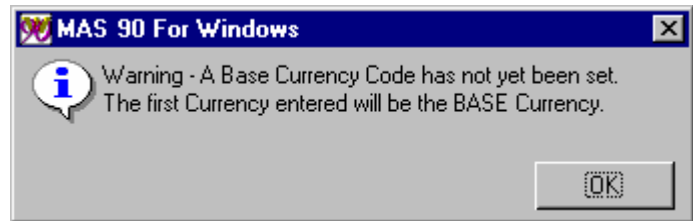


Currency Code Maintenance

A new Currency Code Maintenance option has been added to the General Ledger Setup menu. This program is used to setup the General Ledger Base Currency and all Foreign Currencies with their corresponding Exchange Rates.

Important: Do not attempt to access any other modules until the Base Currency and all Foreign Currencies in which business is conducted have been defined.

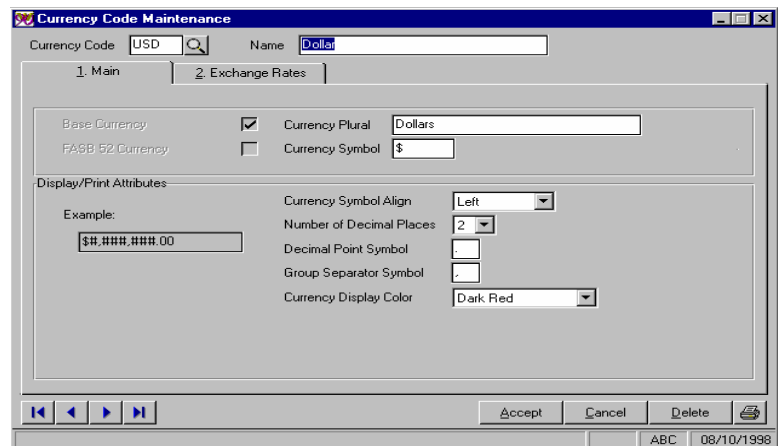
If you are installing **MAS 90** for the first time, the system will display the message shown on the right, after setting up the Fiscal Year Maintenance Screen.



If you click **OK**, or access the Currency Code Maintenance directly, the window shown on the right will be displayed.

Currency Code: The Base Currency must be setup first. Each Currency maintained is designated by a unique four character alphanumeric code. Select the List Mode to list all of the Currency Codes on file.

Currency Name: This 30-character string field contains the name of the currency as it will appear in all reports and screens.



Base Currency: The system will allow only one Base Currency to be defined. If the Base Currency has already been setup, this check box will be disabled. The Base Currency is the “functional” or “local” currency of the Base economic environment in which the Company operates and in which

General Ledger will be maintained. The Base Currency is also known as the “Primary” or “System” Currency.

FASB 52 Currency: Select this check box if this is the Currency to be used when generating Foreign Currency Translated Financial Statements conforming to FASB 52 requirements. The system will allow only one FASB 52 Currency to be defined. This check box will be disabled if the **FASB 52 Translation Required** check box option in the General Ledger Options is not checked.

Currency Plural: This 30-character field is used for printing Accounts Payable Vendor checks.

Currency Symbol: Enter a three-character Currency Symbol to be used when printing amounts in reports and Accounts Payable checks using this currency. This field may be left blank.

Currency Symbol Align: Select **Left** if you want to print the currency symbol on the left of the Accounts Payable check amount. Select **Right** if you want to print Accounts Payable checks with the currency symbol to the right of the amount.

Number of Decimal Places: This feature is disabled in versions MAS90 3.51 and above. All currencies now use 2 decimal places.

Decimal Point Symbol: Enter the Decimal Point Symbol for numeric display. The U.S. Dollar Decimal Point Symbol is the period (.). If the Decimal Point Symbol is set to “&”, for example, then the display numeric mask will be: #####,###,###&00)

Group Separator Symbol: Enter the Group Separator Symbol for numeric display. The U.S. Dollar Group Separator Symbol is the comma (,). If the Group Separator Symbol is set to “&”, for example, then the display numeric mask will be: #####&###&###.00)

Currency Display Color: You may identify each Currency with a specific Display Color. The Display Color will be used in screens where there may be two or more currencies such as in the Vendor Inquiry Open Invoice Detail.

When you have completed the Currency Code entry, you may select the **Exchange Rates** panel.

Note: *the Exchange Rate and Contract options are not available for the Base Currency.*

Buy and Sell Exchange Rates

This panel allows maintenance of Buy and Sell Exchange Rates for the selected Currency Code. The Sell Exchange Rates will be used when converting amounts to Base Currency during A/P and P/O updates. The Buy Exchange Rates will be used when converting amounts to Base Currency during A/R and S/O updates. When Exchange Rate Entry is accessed, the window on the right is displayed.

Date	Buy Rate	Sell Rate
01/01/99	1.21453223	1.46747755
08/10/98	1.21453913	1.46747755
01/01/98	1.21456790	1.46747755
01/01/97	1.43456436	1.44635475
01/01/96	1.35788499	1.36534430
05/04/95	1.34738499	1.36574850
01/01/95	1.34738499	1.36574850
02/03/92	1.23456789	1.23445667

Date: Enter an Exchange Rate Date in MMDDYY format. You may select an existing date record from the List Box to edit. Future Effective Dates may be entered.

The “Today” Button: A button appears to the right of the Date field that displays the current Module Date. Select this button to add a record for the current date.

Buy Rate: Enter the Buy Rate for the selected currency in relation to the Base Currency as of the Effective Date. This field will default to the Buy Rate of the previous date.

Sell Rate: Enter the Sell Rate for the selected currency in relation to the Base Currency as of the Effective Date. This field will default to the Sell Rate of the previous date.

New Buy and Sell Exchange Rates do not need to be entered unless they have changed.

Note: It is suggested that an Exchange Rate be entered for a date as far back as possible, since the system will always use the Exchange Rate of the next prior date if one is not found for the exact date

Avoid Inverting Exchange Rates: Read the following note for help avoiding exchange rates.

Regarding Wall Street Journal® Rates: When using the Wall Street Journal, you will notice two columns for exchange rates in the Currency Trading section. The correct rate to use is located in the Currency per U.S. \$ column. If you are using rates from another source, you can use the Wall Street Journal and this information to avoid inverting exchange rates.

Currency Code Listing

Select the **Print Button** on the Currency Code Maintenance Panel to print the Currency Code Listing. The Report Selection Screen is shown here:

Starting and Ending Currency Code:

Select the **All** button to accept all Currency Codes on file, or enter a range of Currency Codes. Select the List Modes to list all Currencies on file.

Starting and Ending Effective Date:

Select the **All** button to print all exchange rates information or enter a range of Effective Dates.

The Currency Code Listing is also on the G/L Reports menu.

Currency Code Audit Listing

If you have made any additions, changes or deletions to the Currency Code file, you may print the Currency Code Audit Listing. This report is on the G/L Reports menu.

Starting and Ending Currency Code:

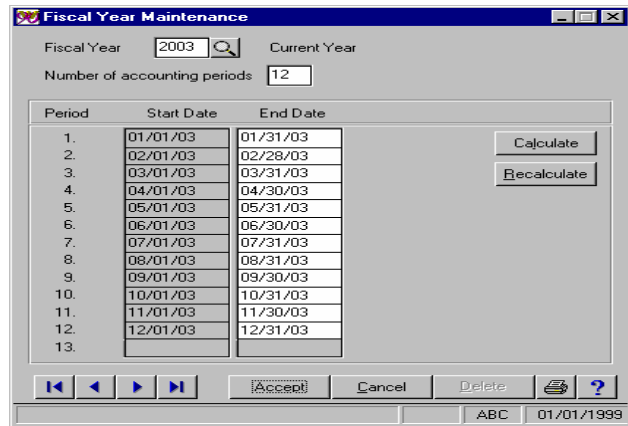
Select the **All** button to print transactions for all Currency Codes on file, or enter a range of Currency Codes. Select the List Modes to list all Currencies on file.

Starting and Ending Transaction Date: Select the **All** button to print transactions for all dates or enter a range of Transaction Dates.

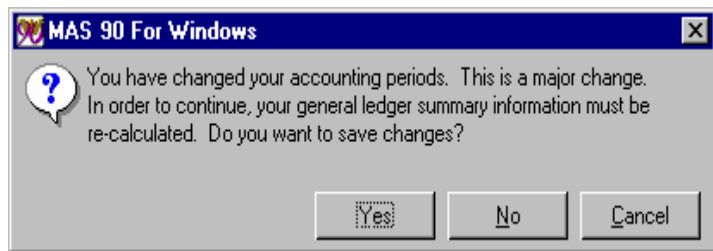
FASB 52 Account Balance Setup

The FASB 52 account balance for each account must be calculated if you are converting from an existing **MAS 90** system or if you import transactions or change the FASB 52 Reporting Currency after the balances have been calculated.

To perform the calculation, access the **Fiscal Year Maintenance** program, and select the **Recalculate Button**.



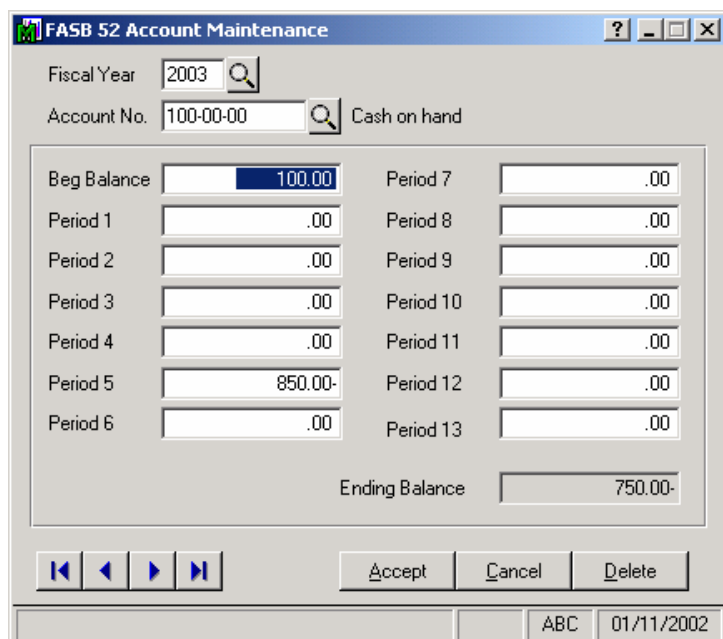
Once you have selected this button, the message window show on the right appears. Select **Yes** to recalculate all account summary information.



FASB 52 Account Maintenance

This program is used to set up and maintain the FASB52 Beginning Balances for each account in the FASB 52 Currency since the calculation of the FASB 52 Account Balances does not calculate the Beginning Balance. Additionally, you may maintain the period balances (Historical) for each account for each year.

When you access the **FASB 52 Account Maintenance** program, the following screen is displayed:



Fiscal Year: Enter the Fiscal Year for which you want to enter / maintain the FASB 52 Beginning Balance and Period Balances.

Account No.: Enter the Account Number for which you want to enter / maintain the FASB 52 Beginning Balance and Period Balances. Select the List Mode to list all Account Numbers on file.

Beginning Balance: Enter the Beginning Balance in the FASB 52 Currency for the Fiscal Year and Account Number selected.

Periods 1 – 13: Maintain FASB 52 Account period balances. These amounts are the FASB52 Historical amounts that are posted from subsidiary and G/L posting updates.

Setup for Multi-Company processing

Please refer to **Section G: Multi-Company Processing** for the setup of the Multi-Company feature.

Section D: System Operations

Account Maintenance

If you checked the **FASB 52 Translation Required** check box option in the General Ledger Options, a new **Currency Button** will be added to the Main Tab of the Account Maintenance Screen. When you select this button, the following **Multi-Currency Settings** panel will appear:

FASB 52 Rate Type: Select **Buy Rate** to use the Buy Exchange Rate when Translating amounts for this Account Number to the FASB 52 Currency. Select **Sell Rate** to use the Sell Exchange Rate. This field will default to the value setup in the FASB 52 Options in its corresponding Account Break.

FASB 52 Account Type: Select **Historical** to use the Historical Rate method when generating Translated Financial Statements to conform to FASB 52 requirements. Select **Current** to use the Current Rate method. This field will default to the value setup in the FASB 52 Options in its corresponding Account Break.

In the Transactions Tab, a Currency Button appears, which allows one to view the Multicurrency information attached to any transaction.

If you checked the FASB52 Translation Required check box in the General Ledger Options, the FASB52 information will also appear here.

The Currency information and FASB52 settings can be changed here if the user has Supervisor rights.

General Journal Entry

The General Journal Entry Header Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:

Transaction Currency: Enter the Transaction Currency Code for the General Journal entry. Select the Lookup Button to list all Currency Codes on file. The system will ask you for the Supervisor Password if one was set up in General Ledger.

If amounts have already been entered, and the currency is changed, the Invoice amounts remain the same and will be considered to be in the new currency.

The screenshot shows a dialog box titled "Multi-Currency Settings". It contains the following fields and controls:

- Transaction Currency: PESO (with a lookup button icon) and the text "Peso" to its right.
- Exchange Rate: 1.12345678
- Post to FASB 52 File:
- FASB 52 Rate: 1.12345678
- Buttons: "Accept" and "Cancel"

Exchange Rate: Enter the Exchange Rate for the General Journal entry. The rate will default to the exchange rate found in Currency Code Maintenance for the Invoice Date. If the default exchange rate is overridden, then the entry amounts remain the same and will be converted to Base Currency when posting to General Ledger using the new Exchange Rate.

Post to FASB 52 File: Select this check box to post the journal transactions to the FASB 52 accounts. This field will only be enabled if you checked the **FASB 52 Translation Required** check box option in the General Ledger Options.

FASB 52 Rate: If you selected the **Post to FASB 52 File** check box, you have the option of overriding the FASB 52 Rate. The default will be the rate found in Currency Code Maintenance for the FASB 52 Currency for the Posting Date.

General Journal

The General Journal has been modified to print the journal in both Base Currency and Transaction Currency. If all entries are Base Currency only, then the journal will only print in Base Currency.

Transaction Journal Entry

The Transaction Journal Entry Header Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:

Transaction Currency: Enter the Transaction Currency Code for the Transaction Journal entry. Select the Lookup Button to list all Currency Codes on file. The system will ask you for the Supervisor Password if one was set up in General Ledger.

If amounts have already been

The screenshot shows a dialog box titled "Multi-Currency Settings". It contains the following fields and controls:

- Transaction Currency: MXF (with a lookup button icon) and the text "Peso" to its right.
- Exchange Rate: 9.50000000
- Buttons: "Accept" and "Cancel"

entered, and the currency is changed, the Transaction amounts remain the same and will be considered to be in the new currency.

Exchange Rate: Enter the Exchange Rate for the Transaction Journal entry. The rate will default to the exchange rate found in Currency Code Maintenance for the Transaction Date. If the default exchange rate is overridden, then the entry amounts remain the same and will be converted to Base Currency when posting to General Ledger using the new Exchange Rate.

Bank Reconciliation Postings: If Bank Reconciliation Multi-Currency is not installed, Bank Transactions are converted to Base Currency. If BRMC is installed, the Currency for the Bank Code is the default for Bank Transactions. However, if the Currency is changed, Bank Transactions will be converted to the Base Currency first, then converted to the Transaction Journal currency.

Transaction Journal

The Transaction Journal has been modified to print the journal in both Base Currency and Transaction Currency. If all entries are Base Currency only, then the journal will only print in Base Currency.

Custom Financial Reporting: Custom Report Maintenance

The Custom Report Maintenance program has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Reporting Options** panel.

Note: Please refer to **Section F: Reports** for a detailed explanation of the new Multi-Currency Report Options Panel.

This program also affects the creation of Custom Financial Reports when a financial is being created for a company outside of the company in which the system is currently operating (i.e. you are currently in company ABC, but you have identified company XYZ in field number 9 in the header screen of Custom Report Maintenance). In most cases, this type of custom report setup would be for the purposes of multi-company financial consolidation. For these types of report, the following Multi-Currency Report Selections window will be displayed:

Printing Currency: Select **Base** for Base Currency, **FASB 52** for FASB 52 Currency, **Other** for a non-Base currency, or **Rate Override** for Override Rate. When selecting Base, the amounts generated will be in the Base Currency of the "outside" company (the XYZ company in the previous example). If you select **FASB 52**, the amounts

generated will be in the FASB 52 Currency setup for the "outside company" (the XYZ company). If you select **Other**, you will be able to select the currency to print.

Warning: *Since this type of Custom Report Generation is most often done for the purposes of multi-company financial consolidation, care must be taken that the generated currencies are the same for the companies intended for consolidation (through line linkages).*

Override Rate: Enter an Override Exchange Rate to be used to convert the **Base Currency** amounts of the company for which the report is being created the (XYZ company). This field will be displayed only if you selected **Override** as the **Printing Currency**.

Currency Code: If you have selected **Other** as the **Printing Currency**, then you may select the currency to translate to.

FASB 52 Type: Enter **Historical** to use Historical Rates or **Both Hist and Current** to use Both Historical and Current Rates when printing amounts in the FASB 52 Currency of the company for which the report is being created. This field will be displayed only if you selected **FASB 52** as the **Printing Currency**. If you have selected **Both Hist and Current**, then the Account type used (Historical or Current) will be the **FASB 52 Account Type** set up in Account Maintenance for each individual account.

Override Date: Enter a date using the **MMDDYY** format to print amounts from accounts with a Current Rate type for the company for which the report is being created.

Rate Type: Enter **Buy Rate** to use the Buy Exchange Rate or **Sell Rate** to use the Sell Exchange Rate. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Round-off Account: This field will default to the account specified in the Multi-Currency Options Screen in General Ledger Options for the company in which the report is being created (currency conversion from one currency to another often requires rounding). This Round-off Account Number is for reporting purposes only, and does not result in a G/L posting of any kind. Select the list mode to list all accounts on file.

XChange Menu

The Multi-Currency General Ledger allows you to specify a Currency and Exchange Rate when Exporting and Importing Account Data and Transactions. You can easily transfer transactions between companies with different currencies and then print accurate consolidated financial statements.

Export Account Data

This program has a new **Currency Button** on the Main Panel. When selected, the following panel is displayed:

Printing Currency: Select **Base** for Base Currency, **FASB 52** for FASB 52 Currency, **Other** for a non-Base currency, or **Rate Override** for Override Rate.

Currency Code: Enter the Currency Code in which to export all amounts. This field will be displayed only if you entered **Other** at **Printing Currency** option.

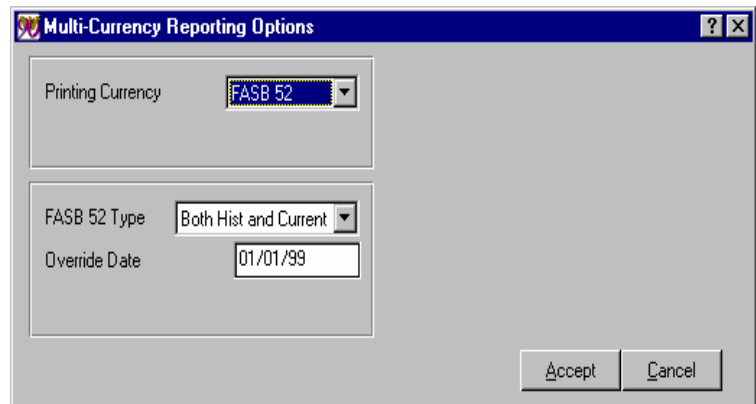
Printing Amounts: Select **As Posted** to export all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Override Date: Enter a date using the MMDDYY format to export amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Rate Type: Select **Buy Rate** or **Sell Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

FASB 52 Type: Select **Historical** to use Historical Rates or **Both Hist and Current** to use both Historical and Current Rates when exporting amounts in FASB 52 Currency. This field will be displayed only if you selected **FASB 52** as the **Printing Currency**.

Override Rate: Enter a Rate to be used when exporting amounts. This field will be displayed only if you selected **Rate Override** as the **Printing Currency**.



The screenshot shows a dialog box titled "Multi-Currency Reporting Options". It contains the following fields and controls:

- Printing Currency:** A dropdown menu with "FASB 52" selected.
- FASB 52 Type:** A dropdown menu with "Both Hist and Current" selected.
- Override Date:** A text input field containing "01/01/99".
- Buttons:** "Accept" and "Cancel" buttons at the bottom right.

Export Transactions

This program has a new **Currency Button** on the Main Panel. When selected, the following panel is displayed:

Printing Currency: Select **Base** for Base Currency, **FASB 52** for FASB 52 Currency, **Other** for a non-Base currency, or **Rate Override** for Override Rate.

Currency Code: Enter the Currency Code in which to export all amounts. This field will be displayed only if you entered **Other** at **Printing Currency** option.

Printing Amounts: Select **As Posted** to export all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Override Date: Enter a date using the MMDDYY format to export amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Rate Type: Select **Buy Rate** or **Sell Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

FASB 52 Type: Select **Historical** to use Historical Rates or **Both Hist and Current** to use Both Historical and Current Rates when exporting amounts in FASB 52 Currency. This field will be displayed only if you selected **FASB 52** as the **Printing Currency**.

Override Rate: Enter a Rate to be used when exporting amounts. This field will be displayed only if you selected **Rate Override** as the **Printing Currency**.

Currency Range: Enter the Starting and Ending Currency Code range for transaction export.

Import Account Data

This program has a new **Currency Button** on the Main Panel. When selected, the following panel is displayed:

Printing Currency: Select **Base** for Base Currency, **Other** for a non-Base currency, or **Rate Override** for Override Rate.

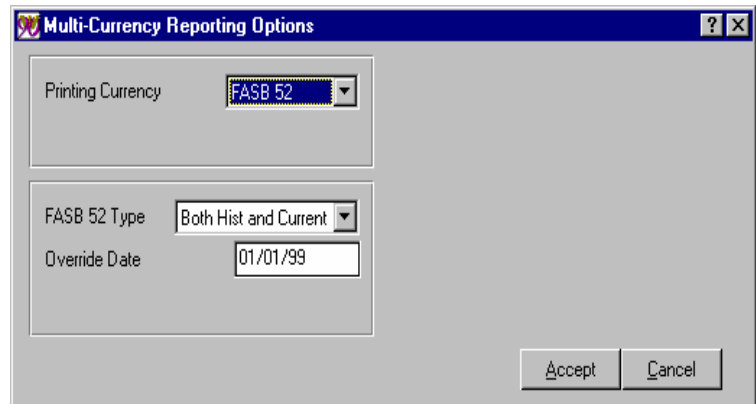
Currency Code: Enter the Currency Code in which to import all amounts. This field will be displayed only if you entered **Other** at **Printing Currency** option.

Printing Amounts: Select **As Posted** to import all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Override Date: Enter a date using the **MMDDYY** format to import amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Rate Type: Select **Buy Rate** or **Sell Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

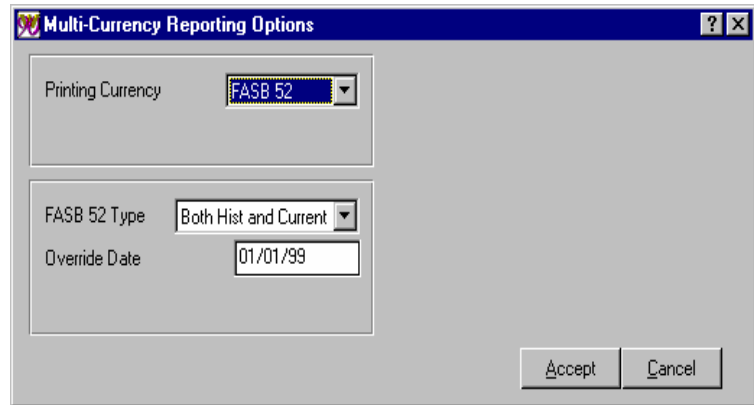
Override Rate: Enter a Rate to be used when exporting amounts. This field will be displayed only if you selected **Rate Override** as the **Printing Currency**.



The screenshot shows a dialog box titled "Multi-Currency Reporting Options". It contains three main sections: "Printing Currency" with a dropdown menu set to "FASB 52"; "FASB 52 Type" with a dropdown menu set to "Both Hist and Current"; and "Override Date" with a text input field containing "01/01/99". At the bottom right, there are "Accept" and "Cancel" buttons.

Import Transactions

This program has a new **Currency Button** on the Main Panel. When selected, the following panel is displayed:



Printing Currency: Select **Base** for Base Currency, **Other** for a non-Base Currency, or **Rate Override** for Override Rate.

Currency Code: Enter the Currency Code in which to import all amounts. This field will be displayed only if you entered **Other** at **Printing Currency** option.

Printing Amounts: Select **As Posted** to import all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Override Date: Enter a date using the MMDDYY format to import amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Rate Type: Select **Buy Rate** or **Sell Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Override Rate: Enter a Rate to be used when exporting amounts. This field will be displayed only if you selected **Rate Override** as the **Printing Currency**.

Note: When importing Transactions the system will assume that the Transaction Amounts to be imported are in the Currency Code selected and will perform the necessary calculations to convert those amounts to Base Currency when importing.

The system will designate the following values for each transaction imported according to rules displayed in the following table:

Transaction Currency	Base Currency Currency Code	If Printing Currency = S or R If Printing Currency = O
Entry Date	Transaction Date Override Date	If Printing Amounts = A If Printing Amounts = D
Entry Rate	Override Rate Buy or Sell Exchange Rate of Entry Date	If Printing Currency = R
Entry Amount	Original Amount From File	
FASB 52 Rate	Rate as of the Entry Date	

Section E: Multi-Company Consolidation

Using the Multi-company Financial Consolidation Program

The menu entry for **Multi-Company Consolidations** is added to the bottom on the **Xchange** menu in **G/L**.

This new menu option need only be accessed from one of the consolidation companies. In other words, if you are combining companies **001**, **002**, and **003** into the **999** consolidation company, the **Company Consolidation Utility** need only be accessed and used from the **999** company.

Important: Do not run this consolidation program on a live company. Create a temporary company for consolidation purposes and then use this program on that company.

Consolidation Maintenance Screen

This screen is used for the creation of the list of companies that are to be consolidated into the current company. For each company being consolidated, the user is given the opportunity to define the **beginning** and **ending General Ledger** accounts that are to be brought in. *Please note that this utility does not check (or*

Figure 1: GUI Interface Consolidation Maintenance Screen

care) whether the consolidated General Ledger is in balance! If you plan to print a consolidated **Balance Sheet**, it is suggested that all accounts be brought in from the consolidating companies. If, however, you only plan to print Income Statements, or non-financial reports, it would be acceptable to import just a range of accounts.

Company Code Entry

When the **Company Code** is entered, the consolidating company's **General Ledger** data is immediately checked for version number, and an error message will appear if the version is not compatible with this software. This is unlikely to happen if all companies' General Ledger data was converted to the new version of General Ledger, the last time that G/L was updated. The format of the Account Number is also checked, and if it is not the same as the current company, a warning message will be displayed. The user may elect to proceed, or not.

The **<F2> Lookup** is available for displaying a list of all existing company codes. This display lists all companies, regardless of the existence of General Ledger data for each. If a company not having a full General Ledger is selected, an error message will be displayed, and the Company Code must be reentered. The current Company Code may not be entered as one of the consolidating companies.

Entering General Ledger Accounts

The user may elect to import only a range of General Ledger accounts from the consolidating company.

When the company is entered, the G/L Account Number range will default to **All Accounts**, and may be changed by the user. <F2> Listmode is available at the **Starting** and **Ending Account No** fields.

Additionally, the user may specify a "masked" Account Number, by using one or more "*" characters in place of the Account Numbers. For instance, if only Department 300 is to be consolidated, from all of the consolidating companies, the user would enter "****-300" into the **Starting Account No** field. The **Ending Account No** field is skipped if masking is used. If only Revenues for Department 300 are required, the user might enter "4***-300".

Mask characters may be used at any location in the Account Number. Entering "****-****" is, of course, equivalent to entering Starting and Ending Account Numbers of "<blank>" through "ZZZZ-ZZZ", respectively.

Clearing the Consolidation List

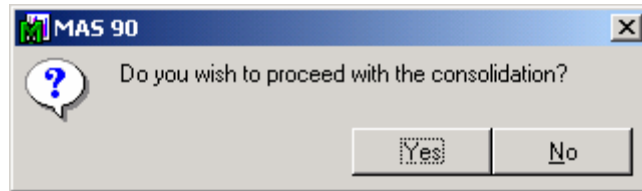
If the user presses <F3> at the **Company Code** field, a confirmation prompt will be displayed, and if answered **YES**, the entire list of companies to consolidate will be erased. This function does not affect any file other than the Consolidation Masterfile for the current company.

Printing the Consolidation List

If the user presses the **Printer Button**, a listing of the Consolidation Masterfile, containing Company Codes and Names, and the Beginning and Ending G/L Accounts, will be printed to the selected print device.

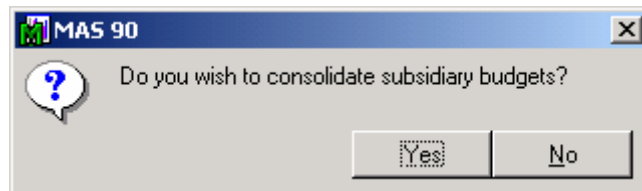
Performing the Consolidation

The consolidation process is initiated by pressing the **Proceed**. The following prompt will appear:



Select **Yes** to proceed with the consolidation process or **No** to exit the program.

Next, the following prompt will appear:



If you answer **Yes** to this option, then all of the existing budget records in the G/L Account Summary file for the Consolidated Company are erased and recompiled from subsidiary budgets. This functionality is for those companies that want to consolidate subsidiary budgets.

If you answer **No** to this option, then all of the existing budget records in the G/L Account Summary file for the Consolidated Company are NOT erased and the subsidiary companies' budgets are NOY compiled in. This functionality is for those companies that want to enter consolidated budgets directly into the Consolidation Company and not erased.

It is suggested that the consolidation process be completely understood before it is used. This process affects the **current** consolidation company's General Ledger in the following way (each of the consolidating companies' G/L data is completely unaffected by this process):

1. All **Yearly Posting Detail** for the current company will be erased. The system will check to see if detail exists, and if so, the user will be prompted whether to proceed.
2. Each of the consolidating companies will be checked for un-posted **Daily Transaction Detail**. If such data is detected, the user will be prompted to proceed or not.
3. The **entire Chart of Accounts**, account balances, budgetary numbers and history will be deleted in its entirety for the **current** consolidation company. If there is consolidation

data in the files from last period, it will be replaced in its entirety by the new consolidation data.

NOTE: *It is strongly suggested that the consolidation process not be performed until all companies' General Ledger and subsidiary ledgers have been closed for the period, in order to ensure the printing of accurate financial information. This utility cannot check for this condition, because it is possible that one or more of the consolidating companies operates on a different fiscal period than the current company. Manual controls should be put into place that prevents consolidation until all data is accurate.*

4. Each company is scanned, and for the range of accounts specified by the user, each account is pulled into the current company's General Ledger. If an Account Number already exists (in other words, it exists in a company which has already been imported), the two accounts' balances are accumulated. If the account is a new one, it is added to the **GL1** (Chart of Accounts), **GL8** (Budget and History), and **GLY** (Account Sort) files.

Once the consolidation has been completed, the user may print Standard or Custom Financials for the current company. They will reflect the updated balances.

Note: *There is nothing preventing the creation and printing of Custom Financials for the consolidated data. The Consolidation process does not erase or in any way change Custom Financial Statement detail for the consolidation company. This has been done deliberately, to allow for this option, but care must be taken to ensure that the Custom Statement formats are compatible with the consolidated Chart of Accounts. The Custom Financial Update process must still be performed for the consolidation company, after the consolidation process has been performed.*

Multi-Currency Consolidations

One of the features of this program is that it allows for consolidations of companies in different currencies IF the FASB 52 currencies are the same. An Example:

Company	Base Currency	FASB 52 Currency	
ABC	USD	<none>	
001	PESO	USD	
002	BPS	USD	
003	YEN	USD	
CON	USD	<none>	*consolidation company

In this example, the CON company is the Consolidation company, and there are four subsidiary company codes. Three of those companies have a FASB 52 Currency of USD and the other has a Base Currency of USD.

The Multi-Currency consolidation program will use the Base Currency general ledger data for the ABC company code and the FASB 52 data from the other three. There is no need to tell the program which data to use. The consolidation program will figure it out.

Equity Adjustment Account

When printing a Standard Financial Statement in FASB 52 Currency, you typically set up the Equity Adjustment Account to balance out the financial statement. If you want the Equity Adjustment Account amounts to flow through to the Consolidation company, then you will first need to run the Standard Financial Statement in FASB 52 Currency for each subsidiary company first, make sure the numbers are correct, and then consolidate them.

Section F: Reports

When printing the General Ledger Reports and Custom Reports, you may define the Currency and Exchange Rate to use. A new **Currency Button** has been added to the Report Panel, and when selected, the following screen will be displayed (This screen will vary slightly depending on the report being printed and the options entered):

Currency Range: Enter a range of Currencies for a specific group of transactions. Select the List Mode to list all Currencies on file. This field will be displayed only for reports that print amounts from individual transactions.

Printing Currency: Select **Entry** for Transaction Currency, **Base** for Base Currency, **FASB 52** for FASB 52 Currency, **Other** for Other Currency, or **Rate Override** for Override Rate.

Currency Code: Enter the Currency Code in which to print all amounts. This field will be displayed only if you selected **Other** as the **Printing Currency** option.

Printing Amounts: Select **As Posted** to import all amounts As Posted or **Override Date** to convert amounts using an Exchange Rate as of an Override Date. This field will be displayed only if you selected **Other** as the **Printing Currency**.

Override Date: Enter a date using the MMDDYY format to import amounts converted to the Printing Currency using the Exchange Rate as of this date. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Rate Type: Select **Buy Rate** or **Sell Rate**. This field will be displayed only if you selected **Override Date** as the **Printing Amounts**.

Override Rate: Enter a Rate to be used when exporting amounts. This field will be displayed only if you selected **Rate Override** as the **Printing Currency**.

Additionally, the Standard Financial Statements and Custom Reports' Multi-Currency Report Selection screen will include the following field:

Round-off Account: This field will default to the account specified in the Currency Options Screen in General Ledger Options. Since currency conversion from one currency to another often requires rounding. This Round-off Account Number is for reporting purposes only, and does not result in a G/L posting of any kind.

Section G: Multi-Company Processing

Multi-Company Processing (taken from DSD's GLMU Multi-Company enhancement) has been added to G/L Multi-Currency in version **3.61**.

G/L transactions may be distributed directly to other companies that have a **MAS 90** General Ledger database. Each line item entry contains a new Company Code field. This new field defaults to the Current Company. It may be changed to any other company that has been setup for inter-company processing.

When an inter-company distribution is made, a transaction is written to the other company's Daily Transaction File. For each transaction distributed to another company, a corresponding amount is posted to both companies' Inter-company Offset Accounts, in order to keep each of those General Ledgers in balance. A pair of Inter-company Offset Accounts must be set up in advance for each company that will have inter-company processing.

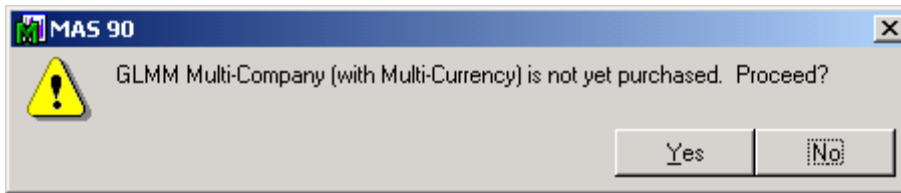
During line entry for an inter-company distribution, the General Ledger Account format, and the **<F2>** List Mode feature reflects the Chart of Accounts and the number format for the subsidiary company.

Inter-company Allocations are available in General Journal Line Entry, Recurring Journal Entry, Transaction Journal Entry, in Standard Journals, and in Allocation Maintenance.

Multi-Company Setup

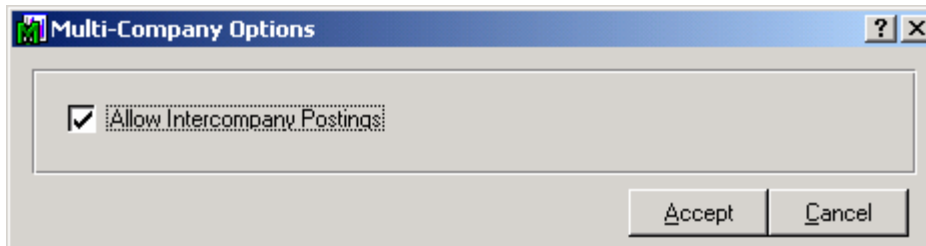
The **General Ledger Options** screen, **Main Tab**, has been modified to include a new Multi-Company Button, on the lower-right portion of the screen:

Select the **Multi-Company Button** to access the Multi-Company Panel. This enhancement add-on is separately priced and registered, so if you want to add the Multi-Company feature, contact DSD. When you select this button for the first time, the following prompt will be displayed:



If you select **Yes** to proceed, the G/L Multi-Company registration screen will be displayed. Please contact DSD Business Systems to order and register this feature.

Once the product is registered, the following panel will be displayed:



Allow Inter-company Postings: Selecting this option causes the new **Company Code** field to appear on each line item of **General Journal Entry, Transaction Data Entry, Allocation Maintenance** and **Recurring Journal Entry**. To process **Inter-company Postings**, each company must be setup in the new **Inter-company Maintenance Screen**, which is described in this section.

NOTE: This field is disabled (grayed-out) while **General Journal Entry** or **Transaction Data Entry** are in progress. **Those journals must first be printed and updated before the Inter-company Posting flag can be changed.**

Inter-company Maintenance

The **Inter-company Account Maintenance** menu option has been added to the G/L Setup Menu.

The **Inter-company Maintenance** screen has been created to allow various companies on the system to be accessed during data entry. These companies must have a Chart of Accounts.

For each company activated, the user must define two **G/L OFFSET ACCOUNTS**. When an entry is made into the **ABC Company**, which is to be distributed to the **XYZ Company**, the XYZ Company's transaction is posted as is to the XYZ Daily Transaction File, along with an offset

transaction, in the same amount, to the Offset Account defined in the screen above. The offset transaction must be created in order to keep the XYZ Company's General Ledger in balance. A corresponding posting will be made, also for the same amount, to the ABC Company's Offset Account. Please note two important things about these postings:

- If the user enters a set of multi-company transactions for which each of the subsidiary companies' distributions are in balance, then the net effect on both of the Offset Accounts will be zero, and no postings will be made to those accounts. This is the recommended approach. If it is your intent to adhere to this guideline, and you see an automatic Inter-company Offset Account posting appear on the Journal, then you should review your transactions carefully for correctness.
- The Inter-company Posting is automatically printed on each Journal, if it is a non-zero amount.

In addition to the two offset accounts, some additional journal parameters must be defined. The first and most important of these is the **POST TO 'ABC' COMPANY USING THE 'TST' SOURCE JOURNAL CODE** field. "ABC" and "TST" are, of course, replaced by the user's company codes. If this box is checked, then the journal code from the originating company ("CD" or "JE" for example) will be used when transactions are posted to the subsidiary company. If this box is not checked, then the user must define the journal code to be used, in the following fields.

NOTE: This field refers only to the Journal Code, and not to the Journal Number!

If the previous box is checked then the next field **USE THE ORIGINAL JOURNAL NUMBER OR ISSUE A NEW ONE** is accessible, and the last two fields on the screen, described below, are disabled. If this box is checked then the original Journal Code and Journal Number will be used when posting transactions to all subsidiary companies. For example, if the current company's transactions are being entered into Journal CD-0017, all inter-company postings, to all other subsidiary companies, will also be identified as CD-0017.

This has its advantages and disadvantages. On the plus side, subsidiary transactions are more easily identifiable and traceable if they keep their originating journal's ID. The disadvantage is that if you use the originating company's journal code and number, there is the possibility that transactions could be posted in the subsidiary company to a duplicate journal number. In other words, if there was already a set of transactions posted as CD-0017 in the TST company, then the transactions also identified as CD-0017, coming over from the ABC company as an inter-company posting, would add to that same journal number. That could cause serious trace-ability problems in the TST company's journals.

The last two screen fields are only enabled if the user has opted **not** to use the originating company's source journal code. In that case, the user must define the two source journal codes that will be used for all inter-company postings. A financial journal code must be defined, as well as a non-financial code. Journal numbers will be issued consecutively for these Journals, using the sequence stored in the subsidiary company. For instance, if the user has defined the **IF** Journal Code to be used for both the TST company and the XYZ companies, the inter-company postings from ABC might be saved as IF-0005 in the TST Company, and as IF-0017 in the XYZ Company.

NOTE: *If the IF Journal Code does not exist in the TST Company (for example), it will be created automatically during the ABC Company General Ledger update. The Journal Codes entered into these fields are not validated, and need not exist in either the ABC Company, or in the subsidiary company. As previously discussed, using these two fields allows the user to segregate and control the inter-company postings, however the ability to trace the inter-company postings back to the originating company's journal, is more difficult.*

Allocation Maintenance

If Inter-company processing has been selected, a new **Comp** field will appear just before the **Account No** in the Line Entry portion of the Allocation Maintenance screen. This field will at first default to the current company, and if overridden, to the Company Code most recently entered.

The Allocation Listing has been modified to include the new **CMP** field, as shown below:

The screenshot shows the 'Allocation Maintenance' window. At the top, 'Allocation No.' is 'TEST' and 'Description' is 'TEST ALLOCATION'. Below are tabs for '1. Header' and '2. Lines'. The 'Company' field is 'TST', 'Account No.' is empty, and 'Percent' is '0.00 %'. There are 'OK' and 'Undo' buttons. Below is a table with the following data:

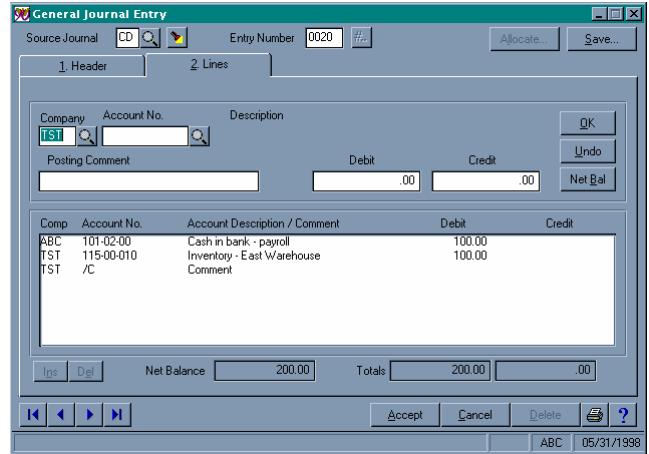
Line	Comp	Account No.	Description/Comment	Percent
1	TST	101-03-000	Cash in bank - savings	10.00 %
2	ABC	110-01-000	Note receivable	10.00 %
4	TST	115-00-030	Inventory - Central Warehouse	80.00 %

At the bottom right, 'Total' is '100.00'. The status bar at the bottom shows 'ABC 05/31/1998'.

RUN DATE: 12/31/99	ABC DEMO COMPANY	PAGE: 1			
G/L DATE: 12/31/99	ALLOCATION LISTING	TIME: 00:00 AM			
ALLOC. NUMBER	DESCRIPTION/ POSTING COMMENT	MAN. AMT. TYPE	ALLOC. CYCLE	SOURCE ACCOUNT	LAST POST DATE
95-0001	UTILITIES EXPENSE	N	PERCENT PERIOD	545-00-03	
CMP ACCOUNT NO	DESCRIPTION/COMMENT	PERCENT			
ABC 545-10-03	Utilities: SA&MK-CENTR	30.00			
TST 545-20-03	Utilities: ACCTG-CENTR	10.00			
ABC 545-30-03	Utilities: CSERV-CENTR	30.00			
ABC 545-60-03	Utilities: SH&RC-CENTR	30.00			
ALLOCATION 95-0001 TOTAL: 100.00					

General Journal Entry

If Inter-company processing has been selected, a new **Comp** field will appear just before the **Account No** in the Line Entry portion of the General Journal Entry screen. This field will at first default to the current company, and if overridden, to the Company Code most recently entered. The Company Code value is ignored when comments are entered, and that field may be set to any valid value.



The General Journal has been modified to include the new **CMP** field, as shown below:

RUN DATE: 12/31/99	ABC DEMO COMPANY	PAGE: 1
G/L DATE: 12/31/99	GENERAL JOURNAL	TIME: 00:00 AM
SOURCE POSTING	REVERSING	
JOURNAL DATE	JOURNAL COMMENT	DATE
CD-0009	12/31/99	
CMP ACCOUNT NO	DESCRIPTION/COMMENT	DEBIT CREDIT
TST 100-00-000	Accounts Receivable	100.00
ABC 100-00-00	Accounts Receivable	100.00
This entry is made to correct posting problems on 12/31/99		
TST 100-00-000	Cash on hand	100.00
ABC 100-00-00	Accounts Receivable	300.00
JOURNAL CD-0009 TOTALS:		300.00 300.00
SOURCE CD TOTALS:		300.00 300.00
REPORT TOTALS:		300.00 300.00

Please note that the General Journal has also been modified to check the current company, and all of the subsidiary companies for non-existent Accounts. If any are found, they are listed in the Error Log, immediately followed by the appropriate Company Code, in parentheses.

A sample Error Log is shown on the following page.

```

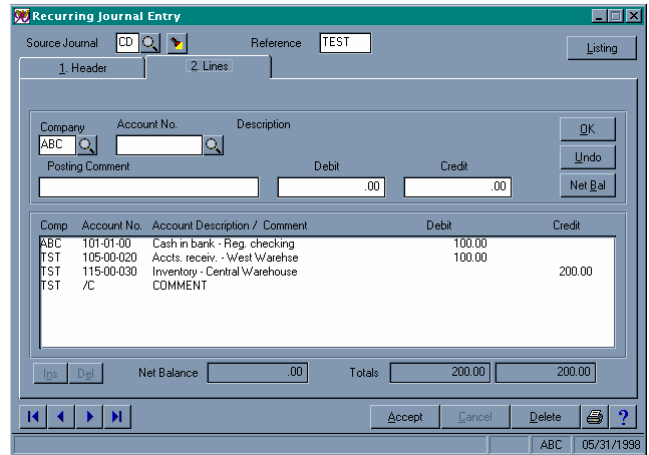
RUN DATE: 12/31/99      ABC DEMO COMPANY      PAGE: 1
G/L DATE: 12/31/99      GENERAL JOURNAL      TIME: 00:00 AM
                        ERROR LOG

NOT ON FILE G/L ACCOUNTS:

1050001 (TST)
    
```

Recurring Journal Entry

If Inter-company processing has been selected, a new **Comp** field will appear just before the **Account No** in the Line Entry portion of the Recurring Journal Entry screen. This field will at first default to the current company, and if overridden, to the Company Code most recently entered.



The Recurring Journal has been modified to include the new **CMP** field as shown below:

```

RUN DATE: 12/31/99      ABC DEMO COMPANY      PAGE: 1
G/L DATE: 12/31/99      RECURRING JOURNAL    TIME: 00:00 AM

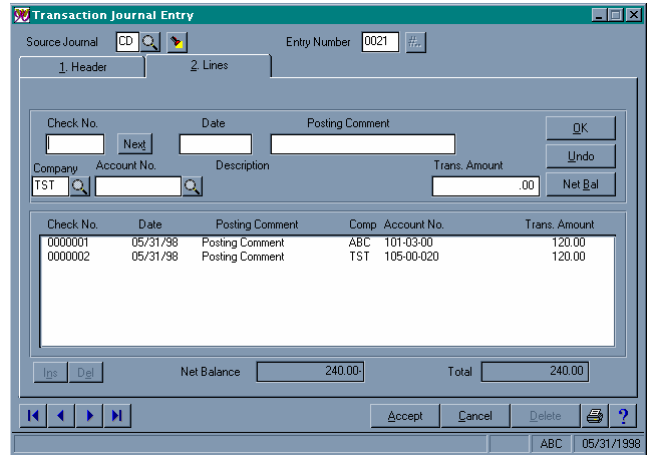
SRC REF  BATCH SELECT  STOP
JRL NO   NO  CYCLE  DATE  JOURNAL COMMENT

AP MTHEXP 0004 99

CMP ACCOUNT NO  DESCRIPTION/COMMENT      DEBIT      CREDIT
-----
ABC 450-02-01  Freight - East                2,558.49
ABC 450-02-02  Freight - West                1,136.63
ABC 515-00-03  Building maintenance          749.35
ABC 525-00-03  Equipment maintenance         106.86
ABC 530-00-03  Insurance expense             392.29
ABC 535-00-03  Warehouse supplies            608.92
ABC 540-00-03  Telephone expense             551.99      5,552.54
-----
JOURNAL AP-MTHEXP TOTALS:      5,552.54  5,552.54
-----
SOURCE AP TOTALS:              5,552.54  5,552.54
-----
REPORT TOTALS:                 5,552.54  5,552.54
=====
    
```

Transaction Journal Entry

If Inter-company processing has been selected, a new **Comp** field will appear just before the **Account No** in the Line Entry portion of the Transaction Journal Entry screen. This field will at first default to the current company, and if overridden, to the Company Code most recently entered.



The Transaction Journal has been modified to include the new **CMP** field as shown below:

RUN DATE: 12/31/99	ABC DEMO COMPANY	PAGE: 1
G/L DATE: 12/31/99	TRANSACTION JOURNAL	TIME: 00:00 AM
SOURCE POSTING CREDIT		
JOURNAL	DATE	ACCOUNT NO BATCH TOTAL JOURNAL COMMENT
CD-0001	05/31/98	101-01-00 9,865.25 Cash Disbursements
CMP CHECK NO DATE COMMENT DEBIT ACCT TRANS AMOUNT		
ABC 0001001	05/15/98	Riviere Development Co. 195-00-00 3,000.00
ABC 0001002	05/15/98	Southern California Gas 545-00-03 2,575.82
ABC 0001003	05/18/98	United Parcel Service 450-02-00 555.00
ABC 0001003	05/18/98	United Parcel Service 450-02-01 805.25
ABC 0001003	05/18/98	United Parcel Service 450-02-02 365.89
CHECK 0001003 TOTALS:		1,726.14
JOURNAL CD-0001 TOTALS:		7,301.96
SOURCE CD TOTALS:		7,301.96
REPORT TOTALS:		7,301.96
=====		

Journals / Registers

The journals / registers have been modified to print in both Transaction Currency and Base Currency if a subsidiary posting is made to a company with a Base Currency that is different than the “parent” company’s Base Currency. The Base Currency amounts are translated to be in the Base Currency amount of that company’s Base Currency when printing the Base Currency Journal and during the update.

Daily Transaction Registers

Please be aware that the General Ledger Updates write subsidiary company distributions to those companies’ Daily Transaction Registers. In order for those inter-company transactions to be updated into the other companies’ General Ledgers, the user must access those other companies individually, and run the Daily Transaction Register for each.

Section H: Crystal Reports

The following MAS90 Data Dictionaries for Crystal Reports have been updated with the Multi-Currency information:

- GL2_JournalPostingHeader
- GL3_JournalPosting
- GL4_DailyPosting
- GL5_DetailPosting
- GL6_Break
- GLB_RecJournalPostingLine
- GLI_TransJournalLine
- GLK_AllocationDetail
- GLW_BankCode

The following Multi-Currency Data Dictionaries for Crystal Reports have been added:

- GL_MAMCSFASAccountFile
- GL_ICInterCompanyMasterFile

Note: *DSD Business Systems is not responsible for problems with use of Crystal Reports. DSD is responsible for providing correct Multi-Currency Data Dictionaries.*

Section I: What's new?

Version 3.50

1. The **Number of Decimal Places** feature in Currency Code Maintenance has been disabled from use. All Currencies will default to 2 decimal places and may not be changed.
2. A **Multi-Currency Consolidations** program has been added to the G/L Exchange menu. This program will allow consolidation of different companies financial data into a separate, consolidated company code.
3. The Currency Code Lookup now uses the ALE Lookup features in MAS90.

Version 3.51

1. A new drop box has been added to the G/L Multi-Currency Options panel called "**Default Currency for Reports.**" You may now select subsidiary (non-G/L) reports to default to **Base Currency** or **Entry Currency**.
2. A new checkbox has been added to the G/L Multi-Currency Options panel called "**Print Report Totals when printing in Entry Currency.**" Select this checkbox if you want to print report totals when printing in Entry Currency. Please note that if you print in Entry Currency and there are multiple currencies being reported, that the totals will be useless.

Note: The G/L Multi-Currency Options panel is accessible from G/L Options Main Panel by selecting the **Currency Button**.

Version 3.60

A new dropbox has been added to the G/L Multi-Currency Options panel called "**Currency for Landed Costs in PO.**" You may now choose to do Landed Cost Entry in either **Base Currency** or **Entry Currency** in Receipt of Goods Entry.

Version 3.61

- **Multi-Company**

Multi-Company Postings has been added to this version. Please refer to **Section G: Multi-Company Processing** for a description of this new feature. (This enhancement add-on is separately priced and registered, so if you want to add the Multi-Company feature, contact DSD.)

- **Multi-Company Consolidations**

A new prompt has been added to the consolidation process: **Do you wish to consolidate subsidiary budgets?**

If you answer **Yes** to this option, then all of the existing budget records in the G/L Account Summary file for the Consolidated Company are erased and recompiled from subsidiary budgets. This functionality is for those companies that want to consolidate subsidiary budgets.

If you answer **No** to this option, then all of the existing budget records in the G/L Account Summary file for the Consolidated Company are NOT erased and the subsidiary companies' budgets are NOY compiled in. This functionality is for those companies that want to enter consolidated budgets directly into the Consolidation Company and not erased.

Version 3.61 – Revision 03/21/02

FASB 52 Beginning Balance Entry has been changed to be **FASB 52 Account Maintenance**. The user may now maintain the period balances in addition to the beginning balance in the FASB 52 file.

In this revision, GLMC has been enhanced for MAS200 SQL.

Version 3.70

The Transaction Journal Entry Header Panel has been modified to include a new **Currency Button**. Select this button to access the **Multi-Currency Settings** screen:

Transaction Currency: Enter the Transaction Currency Code for the Transaction Journal entry. Select the Lookup Button to list all Currency Codes on file. The system will ask you for the Supervisor Password if one was set up in General Ledger.

If amounts have already been entered, and the currency is changed, the Transaction amounts remain the same and will be considered to be in the new currency.

Exchange Rate: Enter the Exchange Rate for the Transaction Journal entry. The rate will default to the exchange rate found in Currency Code Maintenance for the Transaction Date. If the default exchange rate is overridden, then the entry amounts remain the same and will be converted to Base Currency when posting to General Ledger using the new Exchange Rate.

Bank Reconciliation Postings: If Bank Reconciliation Multi-Currency is not installed, then Bank Transactions are converted to Base Currency. If BRMC is installed, the Currency for the Bank Code is the default for Bank Transactions. However, if the Currency is changed, Bank Transactions will be converted to the Base Currency first, and then converted to the Transaction Journal currency.

Transaction Journal:

The Transaction Journal has been modified to print the journal in both Base Currency and Transaction Currency. If all entries are Base Currency only, then the journal will only print in Base Currency.

Version 3.71

In GL Account Maintenance and Inquiry, a MultiCurrency button has been added to the Transactions Tab, which allows one to drill down to the MultiCurrency information attached to any transaction.

A new section has been added to the User Manual: **Appendix A**.

A MultiCurrency Removal program has been added to the Library Master, Utilities Menu. It restores all Companies data files for the modules selected to MAS90 standards, and removes all MultiCurrency programming. Standard Best program modules need to be reinstalled for the removed modules after this completes.

Version 3.71 – Revision 01/15/04

The Trial Balance, Standard Financial Statements, and GL Detail Report have been modified to correctly calculate the Beginning Balance when “Other Currency” is selected for the report, and “As Posted” is selected. One no longer needs to change the Currency Exchange Rate table to force the correct calculation of the Beginning Balance.

However, the Beginning Balance is now determined solely from the GL5 General Ledger Detail File (when Other Currency/As Posted is selected only). So it will be important to change the GL Options to NOT PURGE the Transaction Detail for any Fiscal Years you have processed.

Appendix A: M*A*S 90/200 Program & File Changes

The following M*A*S 90/200 Programs are modified or added by G/L Multi-Currency:

GLWCAA	GLWMIA	GLWRHA	GLWSGA	GLZREM
GLWCMC	GLWMIA.LIB	GLWRHA.LIB	GLWUAA	GLZRZA
GLWDAA	GLWMIC	GLWRHB	GLWUBA	GLZU1S
GLWDAA.LIB	GLWMID	GLWRHC	GLWUCA	
GLWDAB	GLWMNA	GLWRIA	GLWUDA	
GLWDAC	GLWMNA.LIB	GLWRIA.LIB	GLWUDA.LIB	
GLWDBA	GLWPAA	GLWRJA	GLWUDB	
GLWDBA.LIB	GLWPMA	GLWRJB	GLWUDC	
GLWDBB	GLWR00	GLWRKA	GLWUDD	
GLWDBC	GLWR00.LIB	GLWRMA	GLWUEA	
GLWDHA	GLWR01	GLWROA	GLWUHA	
GLWDHA.LIB	GLWR01.LIB	GLWROA.LIB	GLWUIA	
GLWDHB	GLWRAA	GLWRZA	GLWUKA	
GLWDHC	GLWRAB	GLWRZA.LIB	GLWX01	
GLWJAA	GLWRAB.LIB	GLWS00	GLWX01.LIB	
GLWJBA	GLWRBA	GLWS00.LIB	GLWX02	
GLWJCA	GLWRCA	GLWS01	GLWXAA	
GLWJHA	GLWRCA.LIB	GLWS03	GLWXAA.LIB	
GLWJIA	GLWRCB	GLWS03.LIB	GLWXBA	
GLWLIB	GLWRCC	GLWS10	GLWXBA.LIB	
GLWLL1	GLWRDA	GLWS10.LIB	GLWXCA	
GLWLST	GLWRDB	GLWSAA	GLWXCA.LIB	
GLWMAA.LIB	GLWREA	GLWSAA.LIB	GLWXDA	
GLWMAC	GLWREB	GLWSAB	GLWXDA.LIB	
GLWMAP	GLWRFA	GLWSAR	GLZCAA	
GLWMBA	GLWRFA.LIB	GLWSBA	GLZCAA.LMU	
GLWMBA.LIB	GLWRFB	GLWSBA.LIB	GLZCAA.MGL	
GLWMBB	GLWRFC	GLWSCA	GLZCAB	
GLWMBE	GLWRGA	GLWSEA	GLZCZA	
GLWMDA	GLWRGA.LIB	GLWSFA	GLZFX1	

The following M*A*S 90/200 Data Files are modified or added by G/L Multi-Currency:

GL0	GL5	GLG	GL_AU
GL1	GL6	GLH	GL_IC
GL2	GL9	GLI	GL_MA
GL3	GLB	GLK	GL_MC
GL4	GLE	GLW	GL_MU

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	Company:		Fax:	
Date:	/ /	# Pgs Including this Page:		
Subject:	Check One: <input type="checkbox"/> Product Problem <input type="checkbox"/> Suggestions			
Product:	<i>GLMC General Ledger Multi-Currency</i>		Version:	<i>3.74</i>

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