Unicorn Library
Management System

Unicorn Version 2003.1
Release Notes

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Release Notes

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Enhancements

**Item Lookup Display Options Enhanced**

A new property has been added to the Item Lookup display options. Order of Libraries supports the new sorting feature for item holdings displays. The property displays as a radio button with the options Name, Description, and None. These options affect the item-level holdings sort as follows.

- If Name is selected, the item-level holdings list will sort by the library policy names.
- If Description is selected, the holdings list will sort by the library policy descriptions.
- If None is selected, no sorting will occur, and the holdings will display in the order in which the library policies were added to the database. None is delivered as the default, and is the way the holdings have sorted in the previous versions of Unicorn.

No matter which option is selected, the workstation library's holdings will always display first in the list, followed by all the others as directed by the Order of Libraries property.

Additionally, the Display Shadow property has been removed from the Item Lookup display options. Now, the Search Shadow property in the Item Lookup options will control both the lookup and the display of shadowed call numbers and copies. Previously, setting the Display Shadow and Search Shadow properties to different values would return confusing search results. Now, only the Search Shadow property is set, which should produce the expected search results.

**Note:** These changes are for the Item Lookup helper and Item Lookup routines of the WorkFlows wizards. The Item Search and Display wizard is not affected by these changes.

**Item Search and Display Wizard Can Now Search by Library Groups**

The Item Search and Display wizard has been enhanced to allow users to search items by Search Library Groups. Previously, searching by Search Library Groups was only available in the e-Library. Use of this new feature is set in wizard properties. The Search by Library List Type property has been added to the Item Search and Display wizard behavior properties, with the following selections.

- Search by Library
• Search by Search Library Group
• Search by Library or Search Library Group

The default value is Search by Library.

• If Search by Library is selected, the verify list for the lookup library is built from the list selected in the Search Library policy.

• If Search by Search Library Group is selected, no individual libraries will be included in the verify list (since it will contain only search library groups). The list will be built from values in the Search Library policies.

• If Search by Library or Search Library Group is selected, all libraries and search library groups will be included in the verify list. The libraries and library groups will be interfiled alphabetically.

Essentially, the Search Library List property is applied only if the type is Search by Library.

Corrections

Displaying Shadowed Titles Corrected

Previously, when a user tried to view a title which had both visible and shadowed holdings, and the Item Lookup Display option was set to Shadow Yes (display shadowed holdings only), WorkFlows responded with the following message.

Unavailable for display

The WorkFlows search program was incorrectly disqualifying titles that had any visible holdings, even though they contained shadowed holdings. This has been corrected.

All Tools Toolbar Corrected

In a previous delivery of Version 2003, the Circulation Group on the All Tools toolbar was displaying three cataloging wizards, and the Holds Group was empty. This has been corrected.

Search Incorrectly Handling Apostrophes on French Language Systems

When trying to browse or search terms containing an apostrophe on a French language Unicorn system, users noticed the terms would not sort correctly. Additionally, the See and See Also references would not display properly.

The apostrophe was being ignored by the search program, and the expression before or after the apostrophe was concatenated as a single word and indexed as such. When browsing, the resulting single word expression did not appear in its expected alphabetical order.
Example:

L’Europe was concatenated to LEurope, and was indexed in the L’s rather than the E’s as it should be.

This has been corrected. The apostrophe is now mapped to a space character when indexed, and will become a word separator when the terms are indexed and searched.

After upgrading, French language sites will need to run the following reports to rebuild the browse and keyword indexes with the proper apostrophe definition, and recreate the See and See Also references in the thesauri.

- Rebuild Heading Databases
- Rebuild Text Database
- Rebuild Authority Thesauri
- Correct Authority Thesauri

The stopwords list may need to be adjusted. Edit the Unicorn/Custom/stopwords file to add apostrophe-ending articles or adverbs as desired.

Item Bill Glossary Now Displays Date Paid

The Item Search and Display wizard has been enhanced to display the Date Paid in the item bill glossary on the Bills tab. Additionally, the “# Payment” label in this glossary has been corrected and now displays as “# Payments.”

Wrong Title Displaying as Current Title

Previously, a title repeatedly displayed as the Current Title, even though nothing had been done to that record. This occurred only under specific circumstances:

- The first volume of the title had no copies.
- There was at least one other volume attached to the title which had copies.
- One of the volumes with copies is the first volume in the display order, even though it is not the first volume in the call number sequence.

The Item Lookup has been corrected to clear the item ID of a title that meets these criteria, and no longer display it as the Current Title.

Unable to Remove Last Entry of Extended Information

After upgrading to Version 2003, it was not possible to remove the last entry from the extended information when editing serial, user, fund, vendor, invoice, orderline, item, reserve control, authority, booking, and other records.

This has been corrected.
Display2 Item Corrected—InfoVIEW Clients Only

When using the Display2 Item command, if the display options were set to display item extended information and few other options, the InfoVIEW client would freeze or exit abnormally. This has been corrected.

Search Displaying “Library Not Configured” Message

In certain circumstances, when a user performed a search in Unicorn, the following message would appear.

LIBRARY NOT CONFIGURED

This message was returned when all search programs were busy due to a high level of activity on the Unicorn server.

This has been corrected.

Unable to Set Pre-amble and Post-amble for Barcode Readers

When a barcode reader was attached to a serial port, the user was unable to set the pre-amble and post-amble values in the Preference/Configuration window. Previously, a default value was not set for the Barcode Reader port. Since a serial port was not selected, the Pre-amble and Post-amble fields were disabled, and these values could not be set. Now, default preference settings are defined for both the Barcode Reader and Printer ports.

Label Variable for Periodical Title Catalog Search Field too Long

The catalog search field names can be localized so that when a user searches the catalog using Item Lookup, the search fields display in the language used by the workstation. However, the localized label for the Periodical Title search field was too long (21 characters), which caused searches by periodical title to fail.

The label variable for Periodical Title search field has been shortened and changed from $<periodical_title:c> to $<per_title>. The Periodical Title search field label can now be resolved correctly for different languages (the new variable is now in the labels file), and users can perform periodical title searches in Item Lookup.
Academic Reserves

General

Corrections

Due Date Automatically Truncated to Closing Time For Reserved Materials Checked Out Before the Reserve Desk Closes

If a reserved item is checked out from the Reserve Desk within the time before closing defined by library policies, and the alternate circulation rule caused the item to be due when the Reserve Desk was closed, the following message displayed.

The reserve desk is closed. An alternate due date is required.

Unless an alternate circulation rule is enabled, the calculated due date and time will now be shortened to the closing time of the Reserve Desk if the time due would otherwise occur after the desk closes.

Modification to the Reserve Control Record Expiration Date Saved Correctly When Individual Reserve Record Expiration Date Also Modified

When the expiration date of the reserve control record and the expiration date of the individual reserve record were modified in the same editing session, the reserve control record’s expiration date was incorrectly set to be the same as the individual reserve record’s expiration date. A staff member would have to modify the reserve control record’s expiration date a second time to retain the correct value.

The Academic Reserves wizards have been changed to save the specified expiration dates for the reserve control record and the individual reserve record.

Note: This correction does not affect the requirement that the expiration date of an individual reserve record cannot be later than the expiration date of its reserve control record. If the expiration date of an individual reserve record is changed to a date later than the expiration date of its reserve control record, the expiration date of the reserve control record will be changed to be the same as the expiration date of the individual reserve record.

Inactive Reserves Can Be Displayed if Instructor Has at Least One Active Reserve

If an instructor had reserves with a stage of INACTIVE and reserves with a stage of ACTIVE, the INACTIVE reserves would not display even if the Display Reserve wizard Stage property was set to INACTIVE to display only the INACTIVE reserves. The Display Reserves wizard has been corrected to display INACTIVE reserves when the Stage wizard property is set to INACTIVE.
Caution The instructor must have at least one ACTIVE reserve for the user to display only reserves with a stage of INACTIVE. Unicorn was designed not to display instructors who have only INACTIVE reserves in a reserve browse list, so attempts to display INACTIVE reserves for instructors with only INACTIVE reserves will fail.

Create Reserve Wizard

Corrections

Display of Fields Corrected on the Basic Info and Copies Tabs in the Create Reserve Wizard

In the Create Reserve wizard, the boxes for the Status field on the Basic Info tab and the New Status for All Copies field on the Copies tab extended past the outline of the tabs. The Create Reserve wizard display has been corrected so the boxes for these fields fit properly within the tab outlines on the display.

New Status for Individual Copies Uses Selected Setting as Default

If a default value was selected for the New Status property in the Create Reserve wizard properties, the value was ignored when the wizard was used. The Create Reserve wizard has been corrected to use the default value set in the New Status property when creating a reserve for an individual copy.
Acquisitions

General

Enhancements

Number of Copies Field Expanded to Beyond 32000 in Acquisitions Tables

Previously, fields containing number of copies in fund cycles, vendor cycles, and invoices were restricted to a maximum value of 32,767 copies. Some larger library systems can exceed this number during a fiscal cycle. Now, these fields have been modified to allow a maximum value of approximately 2,000,000,000.

Load Order Process Made Easier

Multilibray sites found that the process of loading received orderline distributions was unnecessarily complicated. If the first holding distribution did not match the library of the call number to which the orderline was linked, the Load All processing failed, and Unicorn displayed a “nonunique call number” message. Users had to click the check box for the matching distribution and load it first, before loading the rest of the distributions in batch. This added an extra step to the work flow.

Now, the Load Order display for distributions selected for loading has been improved to display the distribution for the current call number library first. Before this change, the distributions displayed only in the order they were created. The new display sequence will guarantee that any copies for the existing call number library will be added to the call number before any other distributions are processed, thus eliminating the need for the call number to be unique.

Note: This enhancement does not make it possible to load distributions for libraries other than the orderline call number library when the distribution for the orderline call number library has not been loaded yet and the call numbers for the other libraries don’t already exist. When copies for the orderline call number have not yet been received, it is still necessary to create the call numbers for the other libraries before performing the load process.

Coverage Note Entry Added to Orderline Extended Information

A new entry has been added to the Orderline Extended Information format. When there are multiple orders for a title, the Coverage note entry allows users to differentiate the coverage dates of a subscription, or any other type of item ordered. Previously, users were typing this information in the Parts field.

Additionally, improvements have been made in the display of parts information. Even though parts information was tracked by the Acquisitions module, it did not display in some WorkFlows windows. Now, the Parts field as well as the Cov-
erage field display in glossaries and wizard and command windows when dis-
playing order and invoice information.

The Coverage note entry is delivered with new Unicorn systems only. Current
sites will need to add this entry to their Orderline Extended Information format.

**Note:** For information on how to add the Coverage note to the Orderline
Extended Information format, refer to the System Configuration Wizards—
Enhancements section of these notes and the WorkFlows online helps.

**Vendor Extended Price Added to Multi-orderline Display**

Previously, the vendor extended price would not appear in the orderline sum-
mary display if there were more than 10 orderlines. If the order had less than 10
lines, the orderline summary would display the quantity, extended price, fund,
and distribution. If the order had more than 10 orderlines, the user had to click
the Click For Info button under Fundings and Distributions to view this infor-
mation. However, in this display, the Extended Price column was blank.

Now, the order wizards have been enhanced so that the extended price appears
in a multi-orderline summary display.

**Corrections**

**Order with Amount Split Funding Caused WorkFlows to Exit
Abnormally**

While creating an order with an Amount Split funding, if the user entered val-
ues in each Amount field, writing over the default value of REST in the last
field, then the user clicked Continue to save the orderline, WorkFlows displayed
two system messages, then exited abnormally.

The order wizard should not proceed with saving the orderline without the value
of REST in the last field. Now, the order wizards have been corrected to provide
a test to check for the REST value in the last Amount field of an Amount Split
funding. The wizards will return to the Enter Fundings and Distribution win-
dow for users to make corrections.

**Distributions Defaulted to TODAY for Received and Loaded Orders**

When creating an order, the default values for Date Loaded and Date Received
were sometimes set to TODAY for distributions that were being added to an
order, even though the fields for these values were not selected in default prop-
ties to display. This occurred when using the Create Basic Order and Create
Dated Order wizards. It was found that the process of adding segments to exist-
ing orders did not set the Date Loaded and Date Received values to NEVER
when the default properties were set to not display these fields.

This has been corrected.
Display of Hyperlinked Order Information Incomplete

If a user selected the hyperlinked Order ID field on the Lines tab for a list line that had been ordered, the orderlines information display was incomplete. If the user selected the list line, clicked the Display List Line button, then clicked the Orderline tab, the orderlines information displayed.

The Order ID hyperlink on the Lines tab has been corrected to display all order-line information.

Cancelling Multiple Orderlines Corrected

Users can create a cancellation using the Create Cancellation button on the Segments tab for one line in a multiple line order. However, if a user tried to cancel a second orderline, the segments appeared correct, but the information on the summary screen showed no cancellations. On the second orderline on the Segments and Orderline tabs, the original values were reinstated. The orderline was not cancelled.

This has been corrected.

Order Type Drop-down List on Modify Order Corrected

Previously, if an order was modified and the user attempted to change the order type using the drop-down list associated with the field, the list displayed only if the order type was FIRM, STANDING, or BLANKET. Any other order type presented no list to select from.

This has been corrected and all order types of the same function are now displayed from the drop-down list, regardless of the current order type value.

Modifying Multi-line Multi-funded Amount Orders Corrected

Previously, if a user tried to modify an order meeting the following conditions, WorkFlows would exit abnormally.

- The order must have at least one line multi-funded.
- The order must have its first line be multi-funded by amount.
- The order must have its last line be single funded.
- The user must select and modify any one of the multi-funded orderlines.

This has been corrected and multi-line, multi-funded, orders can now be modified.

Improved System Message Recovery When Entering Invalid Holding Codes

When orderlines are added in the order creation wizards and an invalid Holding Code was entered in the distribution segment, it caused a segment validation error. Previously, the wizard had a hard time recovering and returning to the proper place. The new orderline was lost, and the wizard could also display mul-
multiple occurrences of the following message when the orderline extended info list was lost.

No entry set for copy from entry

This has now been corrected.

**Bib Entries Default Entries List Now Used In Create Order Wizards**

In the Create Basic Order wizard and the Create Recurring Order Wizard, the Bib Entries default properties' settings were previously not referenced by the wizard. In particular, this data was not displayed in the linking data for the orderlines. This has now been corrected.

**Response Time Corrected When Adjusting Invoices**

Previously, when an ADJUST line was added to some invoices the workstation would appear to hang. Invoice links that needed to be updated for an adjustment were constructed in such a way that, if the link was not found for the current invoice line, the process would not terminate until the end of the file was reached. If the first invoice link for the funding key was near the beginning of the file, and the invoice link file was large, the process could run for a long time. The logic of the process has been made more efficient and this response time leakage no longer occurs.

**Fund Lookup Corrected in Non-English WorkFlows**

Previously in a non-English environment, when the user selected Current as the lookup type, a complete list of qualifying funds was displayed, rather than the single fund previously selected. This has been corrected and the Current fund is correctly displayed in all languages.

**Title with No Copy Can Now Be Selected By Arrow Key in Order Lookup**

Previously when searching by title in an Order Lookup, if a title that had no copies was selected using the arrow keys rather than mouse-clicking on the selection, the Display Order button brought up a display for the first title in the lookup list instead of for the selected title. This has been corrected and arrow keys may be used to select the title to display, even if it does not have copies.

**Requisition Number Searching Corrected in Order Lookup**

Previously, when orders were looked up by orderline requisition number, the Return to Order List button on the single order or orderline display went to an empty window -- the summary information and folder tabs displayed, but the list of hits did not. Now, the search list is correctly displayed.

Additionally, the same code is used for the list of orderlines returned by a requisition number lookup and the list of linked orders (order history) returned when displaying a single orderline. The wizard was deleting the list when returning to the order hit list in order to prevent one orderline's history list from being dis-
played for another orderline. Proper conditions have been added to ensure that the correct lists are restored and displayed.

**Number of Orderlines Restored when Looking Up by Packing List**

In Display1 Order command, when orderlines are displayed by packing list ID, the number of orderlines associated with a particular packing list ID display at the top of the window. This functionality had previously not been available in the Display an Order wizard. This change restores the display of this count of orderlines associated with the packing list ID when the a specific Packing List ID is searched.

**Extended and Native Price Corrected When Creating and Modifying Orders**

Previously, when an orderline that was created with a foreign currency was modified in any of the Create or Modify Order wizards, the extended and native prices changed each time the flow reached the edit orderline window. This has been corrected and the calculations of these values are now correct when the orderline is modified.

**Modifying Segments with the Replace Fundings and Distributions Helper Corrected**

Previously, if the Replace Fundings and Distributions helper was selected while modifying the segments of an existing orderline, the modify often failed with various system messages such as the following.

- distribution database error
- internal program error
- fund ID: required field missing

With a pre-existing segment list, the helper was deleting the existing segments for deletion or was incorrectly numbering the new segments. Now, segments are deleted before the Replace Fundings and Distributions helper is used to create the segments and the internal numbers used to track segments are correctly assigned.

**Extended Price in Create Order Summary Corrected**

Previously, the Extended Price list in the Successful Orderlines summary was actually the native price for each orderline. This was evident when ordering in non-native currencies. This has now been corrected and the extended price is correctly used.

**Account Number Area Extended in Fund Display Wizards**

The account number field in both the Display Fund (All Cycles) wizard and the Display Fund (Specific Cycle) wizards was too small to display the allowed maximum number of characters that could be entered into the account number field, which is 20. Now there is enough space to display the
Add Fund Cycle Wizard

Corrections

Add Fund Cycle Now Uses Entered Fund Cycle

Previously in the Add Fund Cycle wizard, if a user tried to add a fiscal cycle to an existing fund, when the Display Fiscal Cycle gadget was used to enter a fiscal cycle, or a value was typed into the field, the following message displayed when the fund lookup proceeded.

No funds matching the criteria were found

The fiscal cycle that was set by the session setting was cleared but the new value was not being set, so no fund could be displayed without a fiscal cycle. Now the fiscal cycle that is set in the first step of the wizard is retained.

Add Fund Cycle Wizard Not Creating Cycle for Specific Funds

Previously when using the Add Fund Cycle wizard, users were unable to add fund cycles to existing funds. In the Fund Lookup, if a user selected a fiscal cycle other than the default fiscal cycle, either by using the Display Fiscal Cycle gadget or by typing a new value in the Fiscal Cycle field, the following message would display.

No funds matching the criteria were found

The new fiscal cycle value was not saved. Although in a previous version of Unicorn, a change was made in the Fund Lookup to correct this, the fiscal cycle was being reset back to the default later in the wizard flow.

This has been corrected.

Adjust Fund Budget Wizard

Corrections

Adjust Fund Budget Wizard Budget Cycle Tab Missing

When using the Adjust Fund Budget wizard, in certain circumstances, the Budget Cycle tab would not appear after adjusting a single fund. This occurred when the user did the following.

1) In properties, selected When Adjusting Budgets Review Individually.
2) Used the Set Options for Fund Lookup helper, and selected a Fund Level 1 for lookup.
3) From the List of Funds found, selected one fund, then clicked Adjust Selected Fund Budgets.
4) Adjusted the fund amount, and clicked OK.
5) The Budget Cycle tab for the selected fund did not appear.

This has been corrected.

**Extended Info Tab Restored in Adjust Fund Budget Wizard**

In a previous change, a property was added to the Display Fund wizards which controlled the display of the Extended Info folder which prevented the folder from displaying in this wizard. This has been corrected and the Extended Info folder is now properly displayed in the Adjust Fund Budget wizard.

**Adjust Fund Budget Wizard Unable to Add or Subtract from Budget when No Currency Symbol Used**

When using the Adjust Fund Budget wizard, if a user attempted to add or subtract an amount from a budget, but didn’t type a currency symbol for the native currency, the wizard gave an incorrect fund total. If the user replaced the total amount, the wizard was able to give a correct total.

The Adjust Fund Budget has been corrected. Now, the user does not have to type a currency symbol when adding or subtracting an amount from a fund budget.

**Display Fund (Specific Cycle) Wizard**

**Corrections**

**Negative Free Balance Displayed Incorrectly in Display Fund Specific Cycle Wizard**

When using the Display Fund Specific Cycle wizard, if a user unselected the Order and Invoices tab display options in properties, then displayed a fund that had a negative free balance, the balance displayed incorrectly on the Financial tab of the record. The balance had no dollar sign, and the first two digits were missing.

This has been corrected.

**Duplicate Order Wizard**

**Corrections**

**Duplicate Order Wizard Copied Renew Date and Subscription Period to Firm Orders**

Previously, the Duplicate Order wizard was copying the Renew Date and Subscription Period values for all types of orders. This should not occur for Basic or Recurring orders. When users tried to roll over the duplicated orders using the Rollover Basic Orders report, they would not be selected for rolling over. The
report only selected orderlines with the Renew Date set to NEVER, but the duplicated orders contained values in this field.

Now, the Duplicate Order wizard has been corrected so that if the new order type being created is Basic or Recurring, then the Renew Date and the Subscription Period are set to NEVER.

Additionally, the Rollover Basic Orders report has been enhanced with the Date to Renew field as a selection. The default for this field is NEVER, but the user can change this value.

Create Order Wizard

Corrections

Current Item Lookup Property in Create Order Wizards Corrected

Previously, in the Defaults folder of the order creation wizards, if Current Record was selected as the Preferred Search Type in the Lookup Preferences, the property setting appeared to have no effect on the user’s lookup preferences at all. All Preferred Search Types were blank on the Item Lookup window. When Current Record was selected, it was setting the value to the current order, instead of Current title. Current order had no meaning in this context and no record could be retrieved. This has now been corrected.

Create Basic Order Wizard

Corrections

Create Basic Order Wizard Not Saving Additional Orderline Information

If an order was created using the Create Basic Order wizard, and additional orderline information was added, this orderline information did not appear when using the Modify Orderline next step or when modifying the order using the Modify an Order wizard.

The additional orderline information was being cleared by the program that verified funds in the Create Basic Order wizard. This has been corrected.

Create Dated Order Wizard

Corrections

Distributions Defaulted to TODAY for Received and Loaded Orders

When creating an order, users noticed that the default values for Date Loaded and Date Received were sometimes set to TODAY for distributions that were
being added to an order, even though the fields for these values were not selected in default properties to display. This occurred when using the Create Basic Order and Create Dated Order wizards. It was found that the process of adding segments to existing orders did not set the Date Loaded and Date Received values to NEVER when the default properties were set to not display these fields.

This has been corrected.

**Link Orderline Holdings to Titles Wizard**

**Corrections**

**Copies Created by Linking Orderlines to Titles Now Have Extended Information**

In Unicorn Version 2003, items were converted to have extended information instead of the comments that they had in previous versions. When copies were created using the Link Orderline Holdings to Titles wizard after a system had been converted to have item extended information, the copies that were created from the orderline distributions did not have extended information. Additionally, there was no way to add extended information to the copies that were created in this manner.

This has been corrected and the item extended information can now be correctly created and modified in the copies that are created by the Link Orderline Holdings to Titles wizard.

**Modify an Order Wizard**

**Enhancements**

**Create Claim and Create Cancellation Steps Added to Modify an Order Wizard**

Create Claim and Create Cancellation next step buttons have been added to the Segments tab in the Modify an Order wizard.

The Display Create Claim Next Step property must be selected in the Modify an Order wizard behavior properties for the Create Claim button to appear on the Segments tab. To create a claim segment, click this button, and the claim segment text boxes appear. After completing the claim information, click OK, and the claim segment is generated.

The Display Create Cancellation Next Step property must be selected in the Modify an Order wizard behavior properties for the Create Cancellation button to appear on the Segments tab. To create a cancellation segment, place the insertion point below the funding/distribution to be canceled, click this button, and the cancellation segment information appears. After completing the cancellation information, click OK, and the cancellation segment is generated.
Note: The Create Cancellation next step cannot partially cancel a funding. If a funding is for multiple copies, and the user wants to cancel some but not all copies, the user will need to split the funding into multiple fundings first.

Corrections

Adding Orderline for Unique Title on Modify an Order Corrected

Previously, when a user was using the Modify an Order wizard and the Add Orderline button was selected, if a title was searched for in which a single title was retrieved by the search, the order process could not continue. No buttons were available in the Modify Order wizard to continue creating the orderline. This has now been corrected, and when a single title is retrieved from a search, the ordering process can now be completed from the Modify an Order wizard.

Extended Price Did Not Change When Vendor Changed

Using the Modify an Order wizard, a user changed the vendor to a vendor that had a different discount, but the extended price remained the same. Now, the Modify an Order wizard has been corrected to recalculate the extended price when the vendor changes.

Ability To Break Title Link Without Replacing Link on Modify Order Restored

In the Edit Order command, a title/order link could be broken by erasing the call number/item ID from the Line Item Info section of the displayed order. In the Modify Order wizard, the Change Title Link helper offers a similar functionality, but if the user does not replace the call number or item ID with another call number or item ID, the title link persists. Now, if the call number/item ID is erased in the Change Title Link helper, the title link will be removed from the orderline as it was with the Edit Order command.

Modify an Order Wizard Changed Date Mailed

Previously, when a user modified a dated or firm order using the Modify an Order wizard, the Date Mailed value was being changed to the default value in the Create Dated Order or Create Basic Order wizard properties. When modifying a recurring order, this did not happen.

This has been corrected.

Fiscal Cycle Not Retained When Adding Orderline

When using the Modify Order wizard, if the user changed the fiscal cycle to a value other than the default, when the Add Orderline button is used on the Modify Order screen, the fiscal cycle changed back to the default value.

This has been corrected.
Properties Appear in Modify an Order Wizard when They Shouldn’t

While adding an orderline to an order using the Modify an Order wizard, the property window sometimes appeared again when it shouldn’t. Also, the window displayed property values that did not belong to the Modify an Order wizard. The Modify an Order wizard shares some programs with the Create Order wizards, and it was the Create Order wizard properties that were inadvertently appearing. This has been corrected.

Unable to Modify Order After First Orderline Removed

When using the Modify an Order wizard to modify orderlines in certain order records, WorkFlows would freeze, and the following message displayed.

Order line item does not exist

This occurred when a user was modifying an order that contained only one orderline, but the orderline was numbered something other than 1.

Example:
The order originally had two orderlines, but the first orderline was later deleted.

The Modify an Order wizard checks for multiple orderlines or a single orderline (numbered 1) to determine which tabs to display. When the wizard found a single orderline with a number other than one, it was unable to continue.

Now, the Modify an Order wizard has been corrected to account for single orderlines no matter how they are numbered.

Current Title Item ID Lost in Modify an Order Wizard

When using the Modify an Order wizard, if a user searched by title, located the order to modify, and after completing one modification and clicking Finish, then attempted to modify another order, the Current Title information in the Item Lookup was missing the item ID. Additionally, the following system message would appear if the user tried to search by Current Title.

NON UNIQUE CALL NUMBER; PLEASE SPECIFY ITEM ID

This has been corrected.

Modify an Order Wizard Create Cancellation Next Step Corrected

When using the Modify an Order wizard, if the user clicked the Create Cancellation button on the Segments tab, and then clicked Cancel in the Display Fundings and Distributions window, the wizard would quit. The user should be returned to the Modify Order window.

This has been corrected.

Modify an Order Wizard Current Order Lookup Corrected

Previously, when a user set the Order Lookup Preferences to Current in the Modify an Order wizard properties, the current title always displayed.
The Order Lookup Preferences are for finding an order to modify, and the Item Lookup Preferences are for adding an item when using the Modify an Order wizard.

The Order Lookup Preferences have been corrected to display the current order when Current is selected.

**Display Fund (Specific Cycle) Wizard**

**Corrections**

**Negative Free Balance Displayed Incorrectly in Display Fund Specific Cycle Wizard**

When using the Display Fund Specific Cycle wizard, if a user unselected the Order and Invoices tab display options in properties, then displayed a fund that had a negative free balance, the balance displayed incorrectly on the Financial tab of the record. The balance had no dollar sign, and the first two digits were missing.

This has been corrected.

**Review All Funds Wizard**

**Corrections**

**Review All Funds Now Has Correct Totals**

Previously, the display of totals for the Cash Balance and Free Balance in Review All Funds wizard were incorrect. Additionally, the total for the amount budgeted could be incorrect. The running total process was correctly stripping the initial character for monetary symbols or spaces, but it was causing problems when the values that were entered contained negative signs or the constant NOLIMIT. This has now been corrected, and monetary symbols are correctly stripped while NOLIMIT and negative values are handled properly.

**Receive Orders Wizard**

**Corrections**

**Receive Orders Wizard Changed Search Index Default for Order Lookup**

After selecting the Title index as the default search index for Order Lookup in the Receive Orders wizard properties, if the user attempted a new lookup after searching an order and receiving orderlines, the search index was no longer the Title index. It had changed to the delivered default search index, Order ID.
The Receive Orders wizard shares some programs with the Display an Order wizard, and the selected default properties values were sometimes being reset to those selected in the Display an Order properties.

This has been corrected.

**Receive Orders Wizard Item Lookup Corrected**

When using the Receive Orders wizard, if a user searched for an order that had an item without a copy, the following message appeared, and the user was unable to proceed with receiving the order.

**You must select a specific copy before continuing**

This occurred only if the search resulted in an item hitlist. Changing the item search to go directly to the order (rather than an item hitlist) allowed the order to be processed.

This has been corrected.

**Receive Orders Wizard Default Values Property Corrected**

Previously, if the Receive Order wizard's Supply Default Values for Number of Copies Received property was selected, it did not always present the default number of copies. The Quantity Receiving field would be blank. This only occurred when receiving items with multiple parts. The Quantity Receiving field was being overwritten after the first part was received, and as new windows appeared for receiving the subsequent parts. This has been corrected. When receiving multi-part orders, the default value for the Quantity Receiving field is carried over until all parts are received.

**Receive Orders Wizard not Carrying Over Orderline Information when Creating Invoices**

When a user selected the Create Invoice command to create an invoice while using the Receive Orders wizard, the wizard would only carry over the order ID but not the orderline number to the Create Invoice command window. Previously, when using the Receive Order command, if the user then selected Create Invoice, the orderline information was automatically carried over.

The Receive Orders wizard has been corrected.

**Receive Orders Wizard Not Allowing User to Select Title without a Copy**

Previously, the Receive Orders wizard would not allow the user to select a title without a specific copy. If the user selected a title with no copy from the search hit list, the following message appeared.

**You must select a specific copy before continuing**

However, an existing copy is not required. The Receive Orders wizard has been corrected.
Receive Orders Wizard Displayed Partial Receipt for Multi-part Order when all Parts Received

Previously, after all parts of a multi-part order were received at one time, the Receive Orders wizard Packing List window would display a P next to the order, which indicates a partial receipt. The Receive Orders wizard windows have been corrected.

Receive Order Lookup Displaying Incorrect Orderline Number

When using the Receive Orders wizard, if the user indicated an orderline number in Order Lookup, the wizard always displayed the last viewed orderline, rather than the orderline indicated in the lookup.

This has been corrected. Additionally, the Order Lookup has been enhanced to only display orderlines that have not been received.

Rollover Fund Wizard

Corrections

Global Adjust Helper Corrected in Rollover Fund Wizard

Previously, when the Rollover Fund wizard was used, if the user made changes using the Global Adjustments helper, the new amounts appeared in the Projected column, but were not carried over to the next window, Adjust Budgets to Rollover.

This was because the new values were being overwritten with the current values. Additionally, if no changes were made in the Adjust Budgets to Rollover window, the new values were again overwritten.

Now the Global Adjustments helper can be used to correctly update the values both in the Projected column and in the Adjust Budgets to Rollover window of the Rollover Fund wizard.

Selection Lists

Enhancements

Add Temporary Title Helper and Add Temporary Title Next Step Now Validate ISBNs and ISSNs

The Add Temporary Title helper and next step in selection lists wizards have been enhanced to validate ISBNs and ISSNs as title records are created. Also, depending on how the Unicorn system is configured, the presence or absence of spaces and hyphens can be allowed or prohibited.
The Add Temporary Title helper has a new Behavior property, ISXN Warnings Must Be Acknowledged, which is cleared by default. If the property is selected, ISBN or ISSN validation warnings returned from the Unicorn server will cause the helper (and next step) to display a dialog allowing the user to either correct the ISBN or ISSN or acknowledge the warnings and continue. The dialog displays separate lists for invalid ISBNs and invalid ISSNs.

Note: Invalid ISBNs or ISSNs are not prevented from being saved to the bibliographic records.

Note: Although the ISBN and ISSN fields may contain multiple subfields, only the first subfield (|a) is validated.

Selection Lists Wizards Now Validate ISBNs and ISSNs

Each selection lists wizard now has a new behavior property ISXN Warnings Must Be Acknowledged. If the property is selected, the wizards will display a warning if the standard title ID (or ISBN/ISSN field) in the list line record contains an invalid ISBN or ISSN. The user can either correct the ISBN or ISSN, or acknowledge the warnings and continue. The warning dialog displays separate lists for invalid ISBNs and invalid ISSNs.

Note: Invalid ISBNs or ISSNs are not prevented from being saved to the list line records.

Depending on how the Unicorn system is configured, the presence or absence of spaces and hyphens in the ISBN/ISSN can be allowed or prohibited.

Corrections

Create Selection Lists and Modify Selection Lists Wizards Displayed Decision Extended Info for List Lines

Previously, the Create Selection Lists and Modify Selection Lists wizards would incorrectly display decision extended information rather than the list line extended information in the Modify List Line display. This occurred after the user selected the Cancel button while modifying a list line decision. This has been corrected.

Fund ID Gadget Displaying Funds for Wrong Cycle

In the Create Selection Lists, Modify Selection Lists, and My Decisions wizards, the Fund ID gadget for funding purchase decisions displayed funds which did not necessarily match the fiscal cycle of the selection list. This problem was only apparent when the user attempted to generate orders from the selection list. During the conversion process, the order would fail because decisions were funded from the wrong fund cycle.

The Fund ID gadget has been corrected to display only those funds for the fiscal cycle set in the selection list.
Modifying Fiscal Cycle Caused Problems when Working with List Lines and Decisions

If a user modified the fiscal cycle of an existing selection list, this caused difficulties when working with the list lines and decisions. Moreover, the fiscal cycle edit was not saved. Now, the selection lists wizards have been modified so that the Fiscal Cycle field is read only in all contexts except when creating a selection list. Modifying the fiscal cycle of an existing selection list is no longer supported. To modify the fiscal cycle, users must “roll over” the selection list to the next fiscal cycle using the Duplicate Selection Lists wizard.

Add Temporary Title Helper and Add Temporary Title Next Step Now Validate ISBNs and ISSNs

The Add Temporary Title helper and next step in selection lists wizards have been enhanced to validate ISBNs and ISSNs as title records are created. Also, depending on how the Unicorn system is configured, the presence or absence of spaces and hyphens can be allowed or prohibited.

The Add Temporary Title helper has a new Behavior property, ISXN Warnings Must Be Acknowledged, which is cleared by default. If the property is selected, ISBN or ISSN validation warnings returned from the Unicorn server will cause the helper (and next step) to display a dialog allowing the user to either correct the ISBN or ISSN or acknowledge the warnings and continue. The dialog displays separate lists for invalid ISBNs and invalid ISSNs.

Note: Invalid ISBNs or ISSNs are not prevented from being saved to the bibliographic records.

Note: Although the ISBN and ISSN fields may contain multiple subfields, only the first subfield (|a) is validated.

Selection List “Unbalanced Segments” Message Should Not Display

Using the Order Selection Lists wizard, if a user generated orderlines from list lines with no decision segments, then the user reviewed any orderline of the finished order, the wizard would display the following message.

Warning: segments not correctly balanced

The warning would persist even though the user had created balanced segments during the conversion process.

This has been corrected.

Review Listline Display Corrections

The window title for the Review Listline display was “Enter Listline Information,” which was confusing. Also, when the user clicked the OK button in this window, some of the tabs in the next window were empty. Corrections have been made to the Review Listline display. The window title has been changed to “Modify/Review Listline,” and clicking the OK button will now display the appropriate titles, depending on whether the user is modifying or reviewing titles.
Corrected Display of Selection List Properties for User Display Wizard

In the behavior properties for the User Display wizard, the new Selection List options group box overlapped the group box for the Booking options. This has been corrected.

Unable to Create Decisions—Oracle Systems Only

On Unicorn systems running Oracle, users found that they were unable to add decisions to selection lists. This has been corrected.

Selection List Total Amount Not Displaying

In some selection list wizards that do not allow modifying the selection list information, the Total Amount field in the header at the top of the wizard window was blank. This has been corrected.

Selection List Owner Value not Retained—Oracle Systems Only

Previously, on Unicorn systems running Oracle, the value of the selection list owner was not retained when the selection list was created. This has been corrected.

Blank Window Appears After Clicking Add Decision Button

If a user clicked the Add Decision button while adding a list line (rather than modifying a list line), entered the decision information, and clicked Confirm, an empty window appeared. Clicking Cancel or Confirm in this window displayed empty selection list tabs.

This has been corrected.

Create Selection Lists Wizard

Corrections

Adding Decisions Using Create Selection Lists Wizard Corrected

When creating decisions using the Create Selection Lists wizards, users noticed the following problems.

• If the user created a decision while adding a list line (rather than by modifying the list line after it was added), any subsequent attempt to modify the list line was unsuccessful, and the following message displayed.

You have already made a decision for this list line

• Decisions did not display when a list line was selected from the Summary list for editing. No matter how many decisions were linked to the list line, the Decisions tab displayed “NONE.”
These issues have been corrected.

**Empty Lines Tab when Reviewing Selection List Lines**

When using the Create Selection Lists wizard, after a user reviewed a newly created list line, then clicked OK, the Lines tab would appear empty. This would only occur before the selection list was saved. If Cancel was clicked after reviewing the list line, all list lines would appear on the tab.

This has been corrected. In addition, the Cancel button has been removed from the Review next step, since the OK and Cancel buttons essentially did the same thing.

**List Categories Not Applied when Creating Lists**

If a user set default values for the List Category fields in the Create Selection Lists wizard properties, the defaults were not applied when the selection list was created. This has been corrected.

**Duplicate Selection Lists Wizard**

**Corrections**

**List Lines Summary not Appearing after Removing a List Line in a Duplicated Selection List**

The Duplicate Selection Lists wizard was not displaying the List Lines Summary after a user removed a newly created list line from the duplicated list.

This has been corrected.

**Order Selection Lists Wizard**

**Corrections**

**Order Selection Lists Wizard Unable to Create One Order per Vendor**

Even though One Order Per Vendor was selected in the Order Selection Lists wizard default properties, a user noticed that the wizard still produced one order per list line, even if several list lines were for the same vendor.

This has been corrected.

**Order Selection Lists Wizard Now Correctly Converts Extended Information Fields**

Previously, the Order Selection Lists wizard was not correctly transferring selection list extended information fields to the converted orders. This has been corrected.
Order Selection Lists Wizard Truncating Extended Information Data

Previously, when orders and orderlines were created from selection lists, the selection list and list line extended information contained only the first 10 characters of the data. The Order Selection Lists wizard now correctly converts the selection list and list line extended information, and the entire extended information data appears in the orders and orderlines.

Sessions Setting Wizard

Corrections

Sessions Settings Wizard Displaying Wrong List of Display and Maintenance Libraries

The drop-down lists of libraries for the Display Library and Maintenance Library selections in the Acquisitions Sessions Settings wizard were incorrect. The wizard was not filtering the lists for the login library. Instead, it compiled and presented lists of all Display and Maintenance Libraries for all of the Library policies.

The Session Settings wizard now correctly lists the available Display and Maintenance Libraries according to the selections made in the login library’s Library policy.
Authority

Enhancements

New Helpers for Modifying the 4XX (See) Entries of Authority Records

Two new helpers, Global Authority Change and Review Global Authority Change Reports, have been added to the Add Authority and Edit Existing Authority Records wizards. These helpers schedule and manage the new Flip Headings reports which automatically update headings in all catalog records to new authorized forms when the previously authorized forms are changed and older forms are then listed in “See” references.

The helpers appear in the Review next step in the Add Authority wizard, and in the Modify Authority window when using the Edit Existing Authority Records wizard. The display of these helpers is controlled in the behavior properties; by default, these helpers do not appear.

Global Authority Change Helper

The Global Authority Change helper updates bibliographic headings in catalog records based on the 4XX (See) entries in the current authority record by selecting headings to update and scheduling the Flip Headings by Authority Key report to run.

The Global Authority Change helper first displays a list of headings derived from the 4XX entries in the authority record with a count for each heading of the maximum number of bibliographic entries that will match the heading.

Note: The count displayed for each heading is not a count of the number of bibliographic entries that will be updated when the Flip Headings by Authority Key report runs. It is a count of the maximum number of bibliographic entries that could be updated. For instance, it is possible that this display will show a count of five for a given heading, yet the report will only update two bibliographic entries, or no bibliographic entries at all, for that heading.

The heading display contains a radio button with selections which allow the user to choose whether to update the catalog records or just generate a list of how many and which headings will be changed by an update. There is also a Maximum Titles to Process selection. Defaults for these selections are controlled by wizard properties. The delivered defaults are not to update the catalog and process a maximum of 500 titles.

After making these selections, the user clicks OK, and the wizard schedules the Flip Headings by Authority Key report to run ASAP for the current authority record. If the user clicks Cancel, the helper closes, and the report is not scheduled.
Main entries and uniform title entries can also be corrected from an authority combination leading term, such as a 100/240 combination. Since an authority record with a combination leading term does not contain a leading indicator, there is no way to correctly set the leading indicator for a uniform title entry that is changed.

Review Global Authority Change Reports Helper

The Review Global Authority Change Reports helper displays a list of finished Flip Headings by Authority Key reports run from the Global Authority Change helper. The report names are of the form “globalXXXX,” where XXXX is the authority ID of the authorized heading. The user may view, email, print, or remove finished reports using this helper. If the user does not have administrator access, only reports owned by the login user appear. If the user has administrator access, all reports run from the Global Authority Change helper appear.

Changing a Leading Term now Honors Non-filing Indicators

Previously, when the leading term in a bibliographic record was changed by an authority record that used a non-filing indicator, Unicorn did not change the bibliographic record’s non-filing indicator as well.

Now, Unicorn will modify the bibliographic record’s non-filing indicator if the authority record has one.

Subfields Preceding Subfield a Now Ignored when Bibliographic Tags Are Authorized

Unicorn’s authority control system will now ignore subfields that proceed an initial subfield a when authorizing a bibliographic tag against an authority leading term. These subfields will be retained when a bibliographic tag is changed due to modifications to an authority record’s leading term due to the presence of a 4XX tag.
Cataloging

General

Enhancements

Add Copies in Batch Wizard Only for UnicornEcole Deliveries

In the subrelease notes for Unicorn 2003.0.11, the Add Copies in Batch wizard was erroneously described as being a part of the general Unicorn release. The Add Copies in Batch wizard was designed specifically for K-12 school libraries, and should only be used at UnicornEcole sites.

MARC Holdings Record Now Includes the 856 Electronic Access Tag

Changes have been made to the Unicorn MARC holdings record to include the 856 electronic access tag. The e-Library will now display the 856 entry (formatted) in MARC holdings when displaying detailed information about an item. The user can click the 856 to view the electronic resource. In WorkFlows, the Item Search and Display wizard and Display a Serial Control wizard will display the 856 tag (unformatted) on the MARC Holdings tab. Clicking the 856 displays the electronic resource. Additionally, the Display Bibliographic Description helper will display the 856 (formatted) under Holdings.

If the 856 tag is formatted (in both bibliographic and MARC holdings), it will display the text of the subfields 3, y, and z, if they are included in the format display variation. If none of the subfields are included in the 856 tag, then the subfield u will be displayed.

This change is for new Unicorn sites only. Existing sites will need to modify the BIBHOLD format to include the 856 tag with the Image and Local entry types specified. The following values should be included in the 856.

<table>
<thead>
<tr>
<th>Subfields</th>
<th>a, b, c, d, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v, w, x, y, z, 2, 3, 6, 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Valid 1st Indicator Values</td>
<td>space, 0, 1, 2, 3, 4, 7</td>
</tr>
<tr>
<td>Valid 2nd Indicator Values</td>
<td>space, 0, 1, 2, 8</td>
</tr>
<tr>
<td>Display Variation</td>
<td>Include 3, y, z</td>
</tr>
</tbody>
</table>

Add the 856 next to the 852 (the order is important) to the BIBHOLD full (BIBHOLD-FU) and BIBHOLD template (BIBHOLD-TE) entry lists.

To modify a MARC holdings format, refer to the following procedure.
1) On the Config toolbar, click the Cataloging Configuration wizard.

2) Click the MARC Holdings policy button.

3) Select the BIBHOLD format and click Modify.

4) Click the Entries tab, and click Create.

5) On the Basic tab, type the values as follows.

   Entry ID: 856  
   Internal Entry Number: 856  
   Allow Edit/Create: YES  
   Required: NO  
   Valid Indicator 1: SPACE,0,1,2,3,4,7  
   Default: NONE  
   Valid Indicator 2: SPACE,0,1,2,8  
   Default: NONE  
   Data Type: ANY  
   Valid Subfields: a,b,c,d,e,f,g,h,i,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z,2,3,6,8  
   Minimum Size: 0  
   Maximum Size: 9999  
   Default Value at Record Creation: NONE  
   Entry Type: Image, Local

6) Click the Display tab. Create the 13 display variations as follows.

   Display Variation 1  
   Indicator 1: 0  
   Indicator 2: ANY  
   Label: Email  
   Display Subfields: Include 3,y,z  
   Send Unformatted: YES

   Display Variation 2  
   Indicator 1: 1  
   Indicator 2: ANY  
   Label: FTP  
   Display Subfields: Include 3,y,z  
   Send Unformatted: YES

   Display Variation 3  
   Indicator 1: 2  
   Indicator 2: ANY  
   Label: Telnet  
   Display Subfields: Include 3,y,z  
   Send Unformatted: YES

   Display Variation 4  
   Indicator 1: 3  
   Indicator 2: ANY  
   Label: Dial-up  
   Display Subfields: Include 3,y,z  
   Send Unformatted: YES

   Display Variation 5  
   Indicator 1: 4  
   Indicator 2: ANY  
   Label: Electronic resource  
   Display Subfields: Include 3,y,z  
   Send Unformatted: YES

   Display Variation 6  
   Indicator 1: 4  
   Indicator 2: 0  
   Label: Electronic resource
7) Leave the values on the Punctuations tab empty.
8) Click Create.
9) To add the 856 to the full and template entries, click the Entries tab.
10) Click the gadget in the Full Entries box.
11) Select the BIBHOLD-FU synonym list and click Modify.
12) Select the gadget in the Entries box.
13) Click the 856 entry, then the >> to move the 856 to the List Selected column. Click the 856 in this list, then the Up button until the 856 is directly below the 852 entry.

14) Click OK, then Save Changes.

15) Select the BIBHOLD-TE synonym list and click Modify.

16) Select the gadget in the Entries box.

17) Click the 856 entry, then the >> to move the 856 to the List Selected column. Click the 856 in this list, then the Up button until the 856 is directly below the 852 entry.

18) Click OK, then Save Changes.

19) Click OK to save changes to the BIBHOLD Format policy.

These changes will display after the next halt and run of the workstation server.

Cataloging Wizards Now Validate ISBNs and ISSNs

The cataloging wizards have been enhanced to validate ISBNs and ISSNs as title records are created or modified. When creating or editing bibliographic records, if a cataloger enters an ISBN or ISSN that contains invalid characters, or whose digits do not pass the validation calculation as described in the standard for these numbers, the cataloging wizards display a warning. However, invalid ISBNs or ISSNs are not prevented from being saved to the bibliographic record.

Also, depending on how the Unicorn system is configured, the presence or absence of spaces and hyphens in the ISBN/ISSN can be allowed or prohibited.

The following wizards can perform this validation function.

- Add Title
- Add Brief Title
- Maintain Existing Titles
- Duplicate Existing Title
- Cataloging Review File

Each of these wizards has a new Behavior property, ISXN Warnings Must Be Acknowledged, which is cleared by default. If the property is selected, ISBN or ISSN validation warnings returned from the Unicorn server will cause the wizard to display a dialog allowing the cataloger to either to correct the ISBN or ISSN or acknowledge the warnings and continue. The dialog displays separate lists for invalid ISBNs and invalid ISSNs.

\* Note: This ISBN/ISSN validation feature does not automatically check every entry in the bibliographic record for invalid ISBNs and ISSNs. Only entries which have been added or modified on the current edit window are checked. For example, if the record already has an 022 field containing an invalid ISSN, and the cataloger adds a second 022 field with an ISSN which is also invalid, but
does not edit the existing 022 field, only the new 022 field will generate a warn-
ing.

**Note:** Although the ISBN and ISSN fields may contain multiple subfields, only the first subfield (|a) is validated.

**Cataloging Wizards Now Record Control Numbers as Titles Are Removed**

The cataloging wizards have been enhanced to record the title control number and internal catalog key as titles (call numbers or copies) are removed. These control numbers will be used in the processing of cataloging statistics, providing additional information for statistical analysis.

**Corrections**

**SmartPORT Creating Incorrect Auto-generated Call Numbers**

Using SmartPORT to load bibliographic records with the Replace Current Record option could cause an incorrect call number string to be formulated.

If the SmartPORT settings called for an automatically-generated call number to be created when replacing a record, and if the record being replaced already had an auto-generated call number, the call number was incorrectly modified in such a way as to prevent zero-copy call number records from being added to the title. This has been corrected.

**SmartPORT Changing Classification Scheme of Current Record**

When replacing a current record using SmartPORT, the classification scheme of the current record could be changed to the classification in the SmartPORT settings if the incoming record did not have a call number field, even when the auto-generated call number was not updated.

This has been corrected. SmartPORT will retain the classification scheme of the current record if the incoming record does not contain a call number field.

**Add Brief Title Wizard and Add Temporary Title Helper/Next Step Support Default Indicator Values**

In a previous version of Unicorn, the catalog formats were enhanced to allow catalogers to provide default values for indicators in the format entry descriptions, and these defaults would display in the standard cataloging wizard templates when creating new title records. Now, the Add Brief Title wizard and Add Temporary Title helper and next step support these format-defined default indicator values. The wizard, helper, and next step display the default indicator values in the cataloging template and save these values to the bibliographic record when a title is created.
Current Date Not Entered in Fixed Field

When bibliographic records without fixed fields were displayed for editing in the workstation, the default value for the Entered Date (Enterd:) displayed #DATE instead of the current date. The workstation should automatically fill in today’s date when this fixed field is blank. This has been corrected.

Item Extended Information Now Displays in Add Copies and Edit Copies Wizard Windows

Previously, the item extended information fields were not appearing in the Add Copies and Edit Copies wizard windows. This has been corrected.

Space Indicator Now Displays Correctly

For some MARC fields, it is valid to have a space as an Indicator 1 or Indicator 2. Although Unicorn would save the space as a valid indicator in Format policies, it would remove the space when displaying the entry. This has been corrected.

Cataloging Review Wizard

Corrections

Cataloging Review Wizard Not Displaying Entire Load Report File Name

Previously, the Cataloging Review wizard was not displaying the entire load report file name on the Control tab. When a file is loaded for review, Unicorn assigns a 12-digit file name to the finished report. When a user viewed titles using the Cataloging Review wizard, only 11 digits of the load report file name appeared in the Load Report field, making it difficult to determine which report to select when reloading the review records.

The Cataloging Review Control tab has been corrected to display the entire load report name in the Load Report field.

Check Item Status Wizard

Corrections

Item Fields Overlapping Each Other in Check Item Status Wizard Display

When checking the status of an item that was part of a multi-volume title, if a user clicked the Title/Author platform button to display all volumes of the title, the item fields overlapped each other in the display.

The Check Item Status wizard windows have been corrected.
Transfer Title, Call Numbers, or Copies Wizard

Enhancements

Call Numbers with Linked Orderlines Can Now Be Transferred

The Transfer Title, Call Numbers, or Copies wizard (and the Transfer Item command) have been enhanced to allow the transfer of call numbers with linked orderlines.

Previously, when catalogers tried to edit the owning library of a copy which was the only copy of a call number linked to an orderline, Unicorn would not allow the library to be edited, and the following system message displayed.

Can’t transfer the last copy of a callnum with orders

This was inconsistent with the behavior of the Remove Title, Call Numbers, or Copies wizard (and the Remove Item command) which allows the removal of call numbers or copies of call numbers linked to orderlines.

This enhancement makes the orderline link restriction for removing call numbers consistent between the Transfer Item and Remove Item commands. Both commands will now allow the removal of a call number linked to an orderline if all copies of the orderline’s holding distributions have been loaded. Both commands will still block the removal of a call number linked to an orderline if all copies of the orderline’s holding distributions have not been loaded.

Destination Gadget to Transfer Copies Corrected

Previously, when performing a copy-level transfer using the Transfer Title, Call Numbers, or Copies wizard, the Identify Destination Volume lookup gadget in the Confirm Item to Transfer display would not allow a call number with no copies to be selected as the destination volume. Instead, one of the following messages displayed.

No Copy Selected

A copy is required: the current item has no copy.

This has been corrected.

Transferring Last Copy/Volume Display Improved

If the behavior properties for the Transfer Title, Call Numbers, or Copies wizard were set so that the cataloger was not allowed to remove titles, and the cataloger tried to transfer all volumes of a title to a new title (which would remove the original title), when the transfer process reached the last volume, there were problems with the transfer display.

- The cataloger was returned to a window displaying all the volumes, even though all but the last volume had already been transferred to the new title.
- A check box prompt displayed as follows.
“Do you want to proceed with this.”

- If the check box was selected, the wizard kept displaying the following message and re-displayed the prompt window.

  “Must remove title also”.

This has been corrected. Now the Transfer Title, Call Numbers, or Copies displays the following prompts if properties do not allow removing the title.

- The following check box prompt does not display.

  “Do you want to proceed...”

- The wizard will display the following message and move to the Complete dialog.

  “Must remove title also”

Also, if the user clicks the Review button in the Complete dialog, the target record will be displayed rather than the following message which displayed in certain circumstances.

  “Call number required field missing,”

**Cancelled Holds Prevented an Item Transfer**

Previously, an item transfer was not allowed due to cancelled holds linked to the item. Cancelled holds are those which have been made inactive, but are still available, such as when the patron removed the hold after the item had already been placed on the holds shelf. An inactive available hold should not prevent a transfer. Now, the Transfer Title, Call Numbers or Copies wizard has been modified to check for an available hold on the item being transferred, and also check the hold status. If the hold has an INACTIVE status, the transfer is allowed. If the status is ACTIVE, the transfer is not allowed, and WorkFlows will display a message that the transfer was not completed.

In addition, transfers of items with cancelled holds from one library to another could cause the items to be lost, since the item is still on the holds shelf at the time of transfer. The transfer caused the system to think that the item was on the holds shelf of the new library. The transfer should be blocked if this were the case.

These issues have been corrected. This change also partially reverses the previous change which permitted all transfers for items with cancelled holds. Now, the transfer will not move the item from one library to another. If a transfer will change the library, the transfer request will be rejected and the following message will display.

*Item on holds shelf for cancelled hold--cannot transfer.*

When inactive title-level holds were transferred in a title-level transfer, the catalog hold counter of the destination title was incremented. The hold counters should only be incremented for active holds.
Add Volumes and Call Numbers Wizard

Corrections

Item Lookup by Call Numbers and Item ID Corrected

Previously, the call number of an item listed as the Current Title would be switched to the call number of an item just searched, but not found.

This has been corrected. The Item Lookup now clears the previous Current Title in the case of a search error (“Item not found”) on call number or item ID.

Make More Changes Next Step Returned to Review Window Instead of Edit Window

In the Add Volumes and Call Numbers wizard, if the cataloger clicked Review in the Complete dialog after creating a volume or copy, clicked OK, but changed her mind and clicked Review again, then clicked the Make More Changes button, she was unable to edit the record. A Review window displayed where the fields were still not editable and there was no way to edit the record without exiting the wizard.

This has been corrected.

Edit Copies Wizard

Corrections

Edit Copies Wizard Applying Same Item Category 1 to All Copies

When a user edited the Item Category 1 of a copy using the Edit Copies wizard, the wizard would apply the change to all copies attached to that bibliographic record.

This has been corrected.

Corrections

Current Location Changing when Using Edit Copies Wizard

If an item’s current location was set to CLAIMS-LOST or ASSUMED-LOST, and a user edited the item using the Edit Copies wizard, but did not edit the current location, after the user clicked OK, the wizard would automatically change the current location to the home location.

This has been corrected.
Global Copy Edit Wizard

Corrections

Edit Copies Globally Wizard Displayed Copy that Had Not Been Edited

Previously, the Edit Copies Globally wizard was displaying a copy in the List Of Items Edited that, in fact, had not been edited. This occurred when the user had previously used the Check Item Status wizard before making global edits.

The item ID whose status was just checked displayed under List of Items Edited, although no characteristic of the item had been changed.

The Edit Copies Globally wizard has been corrected.

SmartPORT Displaying “Records Are Busy” Message—Unicorn for Windows Servers

When a cataloger was using SmartPORT to overlay an existing catalog record, after editing the imported record, and clicking OK, Unicorn returned the following message.

Records were busy, please try again

After the cataloger cleared the dialog and clicked OK again, WorkFlows exited abnormally. However, the edits to the catalog record were saved.

It was found that the process to add headings for new or modified catalog records to the dynamic index was taking too long on Unicorn for Windows Servers, causing SmartPORT to return the system message, lock up, and/or exit abnormally.

This has been corrected.

Item Search and Display Wizard

Corrections

Shadow Options Helper Displaying “Communication Failure” Message

When a user was viewing the All Volumes tab in the Item Search and Display wizard and clicked the Shadow Options helper, Unicorn returned the following message, and WorkFlows exited abnormally.

COMMUNICATION FAILURE

The Shadow Options helper has been corrected.
Item Search and Display Wizard Platform Display Overlap Corrected

Previously, the Item Search and Display wizard platform buttons would not display volume and copy information clearly in the Display Vols/Copies window. This occurred in the following instances.

- When the user clicked the title platform button at the top of the wizard window, the Copy label overlapped the volume/copy information.
- When the user searched a bound-with title, clicked the All Volumes tab, clicked the Bound with Other Title(s) platform button, then clicked the platform button for either the child or parent record, the Copy label overlapped the volume/copy information.

Also, if the user clicked the call number platform button at the top of the wizard window, nothing would happen.

The Item Search and Display wizard has been corrected to display information clearly in the Display Vols/Copies window. Additionally, clicking the call number platform button now displays the Display Call Info window.

Remove Title, Call Number, or Copies Wizard

Corrections

Unusual Message when Removing Last Copy of a Title

When removing copies using the Remove Title, Call Numbers, or Copies wizard, if the Warn When Removing the Last Copy in the Group behavior property was selected, the wizard displayed an erroneous message in the Complete dialog. The correct message should have been as follows.

3 items selected;
3 items removed

The item count text displayed instead as follows.

1 item selected;
0 items removed

This has been corrected.

UnicornECOLE Clients

Enhancements

New Add Copies in Batch Wizard

The Add Copies in Batch wizard guides the user through the process of adding several new copies of a title to a library at a time. This wizard behaves similar to the Add Copies wizard, but on the New Copies tab there is a new field, Copies to
Create. All new copies will contain the same copy information, such as item type, home location, and price.

When using this wizard, the cataloger supplies a starting barcode number and the number of copies to add. The wizard automatically increments the barcode sequentially, starting from the first barcode supplied. If the cataloger enters more copies to add than there are barcodes in the available sequential range, the wizard will create as many copies as possible, then display the following message.

Request Stopped: Non unique barcode encountered. X out of X copies were created.

Note: Barcodes must contain only numeric values. Alphabetic and symbol characters in barcodes are not supported for this wizard.

The Add Copies in Batch wizard shares the same properties as the Add Copies wizard. Default properties allow the setting of defaults for search, display, and copy information, and the Shadow Options and Print Spine Label helpers can be configured to display.

Add Copies in Batch can be added to the Cataloging toolbar by selecting BATCHCOPYADD from the Add Wizard to Toolbar list.

**Batch Copy Add Wizard Default Properties Now Delivered**

The following default properties for the Batch Copy Add wizard are now delivered.

- Preferred Search Type: Search
- Preferred Search Index: Title
- Preferred Search Library: [User login library]
- Display Defaults: Descriptive Labels
- Type: BOOK
- Home Location: ON-SHELF
- Permanent: Yes
- Circulate: Yes
- Shadow: No

**Indicator Defaults Can Be Set in Catalog Formats**

Previously, in the template for adding an entry to a bibliographic record, the indicators did not default from the format entry description unless the entry was marked "REQUIRED FIELD" or contained default text. Typically, all indicators were blank unless the cataloger explicitly entered a value. Now, catalogers can define default values for indicators in the format entry descriptions, and these defaults will always display in the templates when creating new title records.

Note: Valid indicator values can be set only if the system is configured for format validation, and are only applicable if the entry permits the use of indicators.

To set a default indicator value, refer to the following procedure.

1) On the Config toolbar, click the Cataloging Configuration wizard.
2) Click the Catalog Format button.
3) Select a format, such as MARC, and click Modify.
4) Click the Entries tab.
5) Select an entry, such as the 650, and click Modify.
6) On the Basic tab, in the Valid Indicator 1 box, use the gadget to select the allowable Indicator 1 values, such as 0 through 2 for the 650 tag.
7) In the Default box, use the drop-down list to select a default value, such as 1.
8) In the Valid Indicator 2 box, use the gadget to select the allowable Indicator 2 values, such as 0 through 7 for the 650 tag.
9) In the Default box, use the drop-down list to select a default value, such as 0.
10) Click OK.
11) Make these same changes to the other catalog formats as needed.
12) Save your format changes. These changes will appear after the next halt and run of the workstation server.

Truncated Display for Number of Copies Greater than 999

Previously in cataloging wizards, when the list of holdings for a title with more than 999 copies per call number was displayed, the copy counts of 1,000 or greater displayed only the first three digits. For instance, 1003 copies displayed as 100. Now, the copy count display has been expanded from 3 to 4 digits.

Print All Tabs Helper Not Printing Entire Title Field

Previously, when the Print All Tabs helper was used in cataloging wizards or the Item Search and Display wizard, the helper displayed all of the author and title information in the Print Report Listing window. Even titles that were considerably long (120+ characters) displayed. However, when printing this information, the helper truncated the title field to about 60 characters.

This has been corrected.

No Longer Able to Assign a Copy Number of Zero

In previous versions of Unicorn, users were able to assign a copy number of zero. This has been corrected. Users are no longer able to assign a zero copy number to an item. If a user attempts to set a copy number to zero, Unicorn returns a system message.

Corrections

Default Property Corrected in Batch Copy Add Wizard

In the Batch Copy Add wizard the default property for location should be ONSHELF.
For systems that have been previously installed and updated, STACKS is the delivered default location. K-12 sites using the Batch Copy Add wizard should set the default property to ONSHELF, or an appropriate value for their site.

The Batch Copy Add wizard is not part of a delivered toolbar. To place this wizard on a selected toolbar, right click on the toolbar area, select the Add button and click on BATCHCOPYADD.

**Add Copies in Batch Wizard Not Displaying Non Unique Barcode Message**

When using the Add Copies in Batch wizard, when a duplicated barcode is encountered while creating copies, the following message should display.

Request Stopped: Non unique barcode encountered. X out of X copies were created.

Previously, this message was not appearing, which caused the flow of the wizard to be hard to follow.

This has been corrected.

**Add Copies in Batch Wizard Displaying Incorrect Current Item**

Previously, if a user clicked Cancel while using the Add Copies in Batch wizard, an automatic ID was created and retained as the current item in the Item Search window. When the user selected this current item, the wizard displayed the following message.

Item not found

Now, when a duplicated item is encountered and removed when the user clicks Cancel, the wizard will remove the automatic ID and will not display this ID as the current item.

**Add Copies in Batch Wizard Look Up Another Title Next Step Corrected**

Using the Add Copies in Batch Wizard, when a user added copies to a title retrieved from a search list and returned to the search list, then clicked Add Copies, a Complete dialog displayed the Lookup Another and Close next steps. The wizard should go directly to the Add Copies window. This has been corrected.

Additionally, when a user clicked Cancel, the Complete dialog appeared. This has been corrected. Now, when a user clicks Cancel, the wizard quits.

**Add Copies in Batch Wizard Dropping Zeros from Barcodes**

When using the Add Copies in Batch wizard, if a user typed a barcode that had multiple zeros in the middle, such as 12000000000033, as the wizard processed more barcodes, the internal zeros were dropped, two at a time.

This has been corrected.
Long Barcodes Lock Workstation

In the past, when a barcode contained 16 or more characters, the workstation locked when the Add Copies in Batch wizard was used. This has been changed to allow entry of 16 characters.

The Add Copies in Batch wizard guides you through the process of adding several new copies of a title to a library at a time.

Fields Can Be Modified in Add Copies in Batch Wizard

When using the Add Copies in Batch wizard, fields were not editable after entering information and selecting Review. Now fields can be edited.

The Add Copies in Batch wizard guides you through the process of adding several new copies of a title to a library at a time.

Add Copies in Batch Wizard not Retaining Values for New Copies

When using the Add Copies in Batch wizard, although the user set values for the Media Desk, Material Type, and Funding Source fields for the new copies to be created, the new copies did not display these values. Even when the values were set as defaults in the wizard properties, these values weren’t carried over to the new copies.

This has been corrected.
Circulation

General

Enhancements

New Properties Added to Register New User Helper

The Register New User helper has been enhanced with the following new properties.

- The Show Interests Folder check box has been added to the Behavior tab of the helper properties window. The Show Interests Folder check box determines whether or not the Interests tab displays for a staff member to enter the user’s reading interest information into the new user record. By default, the check box is cleared.

- The User Cat3, User Cat4, and User Cat5 list boxes have been added to the Defaults tab of the helper properties window. These list boxes are library-defined statistical categories, and selections for each list are determined by library policies. By default, these list boxes are blank.

The Register New User helper properties were also changed to correct the situation in which values set for the Department and Birthyear fields were not being saved to the new user record. Any values entered in these fields will now be correctly added to the new user record.

Alternative ID Does Not Display in List of Matching User Records if Display of Alternative ID is Suppressed

When a list of matching records displayed in a user search, the alternative ID for each user would display even though the Display of User Alternative ID Field option in the Global Configuration wizard was set to Do Not Display User Alternative ID.

The alternative ID no longer displays in the list of matching user records for a user search if the alternative ID is to be suppressed.

Renew Privilege Helper Works When User Status Headers Are Displayed

If the Display User Status global property was set to Display User Status Header in Circulation Wizards, the Renew Privilege helper would not renew a user’s library privileges. The Renew Privilege helper has been changed to correctly renew a user’s library privileges when user status headers display in Circulation wizards.
Improvements to Hold Information Display for Libraries Using Demand Management

The following improvements have been made to the display of hold information in the circulation wizards for libraries that use Demand Management.

- For each hold listed in the Holds tab of the user record displayed by the User Display wizard, User Search helper, or a wizard with a User Search window, an availability glossary can be selected. The availability glossary has been changed to show the item ID, copy number, and owning library for the item only if the hold is available, is a Copy level hold, or is a Library range hold.

- If an item with multiple volumes or copies is displayed by the Item Search and Display wizard, Item Search helper, or a wizard with the Item Search window, the number of Title level holds displays under Volume and Copy Info at the top of the All Volumes tab or Vols/Copies tab.

For each volume or copy listed on the tab, the Holds button displays if the volume or copy has holds. Clicking Holds shows a list of all of the holds that can currently be filled by the selected copy.

Properties Added to Print User Information on Available Hold Slips in the Discharge/Checkin Wizard and the Trap Holds Wizard

The wizard properties for the Discharge/Checkin wizard and the Trap Holds wizard have been enhanced to include options for printing specific user information on available hold slips. The following option check boxes may be selected in any combination.

- Display Date prints the current date on the available hold slip.
- Display User Name prints the full name of the user from the user record on the available hold slip.
- Display User Phone prints the phone number from the user’s primary address information in the user record on the available hold slip.

**Note:** The Print Available Hold Slips check box must be selected in the wizard properties before any of the new option check boxes can be selected.

Suspended Holds Feature Added to Circulation

When a hold is placed or modified, the hold can be prevented from being filled for a specified or indefinite period of time. Even though the hold cannot be filled or trapped during the designated time period, the hold retains its place in the hold queue. Such a hold is called a suspended hold. The hold suspension starts at 00:01 on the begin suspension date, and stops at 00:01 on the end suspension date. When the suspension period ends, the hold can be filled when the item becomes available and when the hold is the first qualified hold for the item.

The suspended hold feature is useful for patrons who may be on vacation or academic break while they are waiting for an item to become available.

In WorkFlows, various wizard displays include the Available or Unavailable glossary. Clicking these glossaries will display hold information, including the begin suspension date and end suspension date.
In various reports that include hold information, the begin suspension date and end suspension date appear in the report output.

**Suspending a User’s Hold on an Item**

A user’s hold can be suspended while it is being placed. If an existing hold is to be suspended, the hold can be suspended using the Modify User Hold and Modify Item Hold wizards.

**Suspending a Hold While Placing It:** If the user knows at the time he or she places the hold that he or she will be on vacation or academic break while waiting for the item, type or select the begin suspension date in the Date Suspended box on the Place Hold for [User] on [Item] window. Then type or select the end suspension date using the calendar gadget in the Date Unsuspended box.

**Suspending an Existing Hold:** If the user has already placed a hold and requests that the hold be suspended, use the Modify User Holds wizard or the Modify Item Holds wizard. Type or select the begin suspension date using the calendar gadget in the Date Suspended box on the Modify Holds for [User] window. Then type or select the end suspension date in the Date Unsuspended box.

**Restrictions on Hold Suspension Dates**

The following restrictions apply to hold suspension dates.

- The begin suspension date can not be earlier than the current system date and time, and cannot be later than the end suspension date.
- The end suspension date can not be later than the hold’s expiration date.
- The end suspension date can not be the same as the begin suspension date.
- If a hold needs to be suspended for one day, the end suspension date will need to be the day following the begin suspension date.

**Note:** You may type in NEVER in the begin suspension data and end suspension date to unsuspend a hold.

**Suspending Holds That Have Already Become Available**

If a hold is suspended after it has already become available, and the Remove Item From Hold Shelf property is selected, the item is flagged for removal from the holds shelf. When the Clean Holds Shelf (Cleanholdshelf) report runs, the item will appear in the list of items to be removed from the holds shelf. To clear the holds shelf manually, use the Check Item Status wizard to check the status of the item with the suspended hold. The wizard will give instructions on what is to be done with the item (put in transit, reshelve, and so on).

If both the Remove Item From Holds Shelf and the Make Next Hold Available properties are selected in the Modify User Holds wizard properties or the Modify Item Holds wizard properties, the wizards will automatically remove the item from the holds shelf and make the next hold that the item can fill (if any) available. If necessary, the item is placed in transit from the Holds shelf to the pickup library for the next available hold. However, if the Make Next Hold Available property is cleared, the item is put in transit (if necessary) from the Holds shelf to the owning library.
If a staff member suspends an available hold without having the item in hand, but the item is instead at another branch, the library staff at the other branch will know to send the item to the appropriate library because they run the List Transits (Transitlist) report daily.

**Note** If the hold is unsuspended (resumed) before the Holds shelf is cleared, the hold becomes unavailable. If this hold is then trapped, it will become available again unless another hold has already become available for the item.

### Suspending Holds While the Item is in Transit to the Pickup Library

If a hold is suspended while the item is in transit to the pickup library, the result is similar to what happens when a hold is removed on an item in transit.

When the item is received at the destination library, the hold (now suspended) for which the transit was done will not become available. Instead, the hold remains unavailable (since it is suspended), and the next hold in the queue that can be filled will become available if the pickup library is the same as the pickup library of the suspended hold. If the next hold that can be filled has a different pickup library, the item will go back in transit to the new pickup library. If no more holds exist for the item to fill, the item will go in transit back to its owning library.

### Suspending a User’s Hold for One Day

To ensure that a suspended hold is suspended for exactly 24 hours, the suspension end time is now 00:01 on the suspension end date.

**Example: Suspending a User’s Hold for One Day**

To suspend a user’s hold for April 15th only, enter 4/15/2003 in the Date Suspended field of the Place Hold, Modify Item Hold, or Modify User Hold wizard. Enter 4/16/2003 in the Date Unsuspended field of the wizard. The hold suspension begins at 00:01 on 4/15/2003, and ends at 00:01 on 4/16/2003.

### Suspended Holds and Circulation Reports

The following list shows how Circulation reports handle suspended holds.

- For those Circulation reports that process inactive available holds, suspended available holds are also processed.

- The Clean Holds Shelf (Cleanholdshelf) report will select suspended available holds in addition to inactive available holds when it prepares a list of items to removed from the Holds shelf.

**Note** If the hold was suspended using the Modify User Holds wizard or the Modify Item Holds wizard, and the Remove From Holds Shelf property is selected for those wizards, the report will not select suspended holds since it is assumed that the items were immediately rerouted from the Holds shelf when the hold was suspended.

- The standard hold selections for reports include the begin suspension date and end suspension date selections.

- In reports that print hold information, the begin suspension date and end suspension date are included in the report output.
Preventing the Suspend Hold Feature From Being Used

The Place Hold, Modify User Holds, and Modify Item Holds wizards each have the Suspend Holds check box on the Behavior tab of the wizard's Set Properties window. By default, this check box is selected. To prevent staff from suspending holds with one or more of these wizards, clear the Suspend Holds check box in the wizard properties.

When the Suspend Holds check box is cleared, the Date Suspended and Date Unsuspended boxes will not appear in the Place Hold, Modify User Holds, and Modify Item Holds wizards.

Unicorn Now Allows Up to 50 of Bill Payments for Each User Bill

In Version 2003.1, the number of payments a user can make on a bill has been increased from 5 to 50. Additionally, Unicorn now returns a list of bill payments in a separate window.

User Profile Information Added to the Display in the Checkout and Renew User Charges Wizards

The Checkout wizard and Renew User Charges wizard have been enhanced to show the user profile information in the user status header.

Note The user status header displays only if the Configure Display of User Status Header attribute in the Global Configuration wizard is set to Display User Status Header in Circulation Wizards.

Additional User Search Options

The User Lookup window in various wizards has been modified to support the additional user search options available in 2003.1. With this change, the user lookup window is now referred to as the User Search window. The following picture shows an example of the User Search window as it appears when the User Display window is started for the first time in a WorkFlows session.

Additional User Search options are now available within 2003.1. The delivered search criteria are as follows.

- Alt ID
• Group ID
• Name
• User ID

• Fields in the user extended information, such as Street, Company, License, SSN (social security number) Student ID, Previous ID, Email, Phone, and Note.

• Library groups can be selected for user record searches when using wizards or helpers that use the User Search feature. The library group name must be added to a Search Library policy for the library group to be selected for a user record search.

All User IDs Search Option Added to User Search

The All User IDs search option has been added to the search options list in the User Search window. With the All User IDs search option, the user can search the User ID, Previous ID, and Previous ID2 fields in user records simultaneously for records that match the search text.

Example of an All User IDs Search

In the User Search window, the user selects All User IDs in the search option list. In the search text box, the user types MARYDOE, and clicks Begin Search. Any user record that contains MARYDOE in its User ID, Previous ID, and Previous ID2 fields will appear in the list of matching user records.

Using Multiple Search Criteria

With the new User Search, you are now able to search for users using multiple search criteria. When multiple search criteria are selected an OR is used as the default boolean operator.

To specify multiple search criteria, do the following.

1) In the criteria selection list, select the search criteria to use (such as User ID).

2) Type the search string in the text entry box to the right of the criteria selection list.

3) If desired, select a Library name to limit the search to user records in the selected library.

4) Click More Criteria. The defined search criteria and search strings display under Search String, which displays under Identify User.

5) Repeat steps 1 through 4 for each additional search criteria. Up to eight search criteria can be specified. The following picture shows three search criteria and search strings that are defined for a user search (Name, Street, and Daytime Phone).
6) Click Begin Search to search for user records that match the search criteria.

In subsequent uses of the User Search window, the Search and Current options may be selected.

- Search specifies that a new search is to be defined, using the steps described above.
- Current selects the most recently displayed or modified user record. The user ID and user name of the most recently displayed or modified user record display to the text entry box in the User Search window.

**New Messages Added When Item Has Missing, Lost, or Discard Locations**

With the enhanced Lost Item processing in Unicorn 2003, the following messages alerted staff members if they tried to circulate items whose current location was Claims Lost and Assumed Lost.

- If the item’s location is LOST-CLAIM, the message “This item has been marked lost” displays.
- If the item’s location is LOST-ASSUM, the message “This item is assumed lost” displays.

For Unicorn 2003.1, the following messages were added to alert staff if they attempted to circulate items with a location of Lost, Lost and Paid For, Missing, or Discarded.

- If the item’s location is LOST, the message “This item has been marked lost” displays.
- If the item’s location is LOST-PAID, the message “This item has been marked lost” displays.
- If the item’s location is MISSING, the message “This item is missing” dis-
plays.

- If the item’s location is DISCARD, the message “This item has been withdrawn” displays.

**Mark Item Missing and Mark Item Lost Wizards Display an Item’s Current Location**

The Mark Item Missing and Mark Item Lost wizards have been enhanced to display the item’s current location in the list of items that have been marked Missing or Lost. This enhancement allows the user to confirm that the item has been marked as Missing or Lost.

**User Category Properties Added to Properties for the New User**

Registration Wizard and the Register New User Helper The User Cat3, User Cat4, and User Cat5 list boxes have been added to the properties for the New User Registration wizard and the Register New User helper. These list boxes are library-defined statistical categories. Selections in the list are determined by library policies.

**Corrections**

**Phone Numbers Indexed Without Punctuation and Spacing**

Phone numbers can be entered into the user records in various ways, such as 222-555-1212, (222) 555-1212, and so on. Since the new User Search feature allows phone numbers to be used to search for user records, the punctuation and spacing of the phone numbers would always have to be entered consistently for the phone number search to work.

Unicorn indexes phone numbers by removing the punctuation and spacing. When the user searches for user records by phone number, the phone number should be entered without punctuation and spacing.

*Example of Searching User Records By Phone Number*

The user wants to search for a user record containing the phone number (333) 555-1212. In the User Search window, the user selects Phone Number from the search option list, types 3335551212 in the search text box, and clicks Begin Search to locate the matching user record.

**Available Holds Alert Functions Properly in the Modify User Holds Wizard and the Remove User Hold Wizard**

If the Alert glossary displayed and was selected in the Modify User Holds wizard or the Remove User Hold wizard, the following would occur.

- When the User Has Holds Available glossary was selected, the Display Options helper would not display.
- When the Return to Holds button or the Return to Remove Hold button was selected to return from the Alerts glossary, the list of holds was cleared.
The Modify User Holds and Remove User Hold wizards have been changed so the Display Options display for the Available Holds alert, and so the list of holds for the user displays correctly when returning from the Alerts glossary.

**Charging Library is Retained on Overdue Bills for Items in a Floating Collection**

In libraries that use the Floating Collection feature, the bill library was being changed each time the item's owning library changed. Since the floating item's owning library changes to be the discharging library, the bill library also changed to be the discharging library. In many cases, the changing of the bill library resulted in confusion for staff and patrons since the library who actually billed the patron for an item might not be determined easily.

For bills that are created for items that are part of a floating collection, the bill library will be set to that of the charging library. The bill library will not change when the item's owning library continues to change.

**User Name Glossary in Circulation Wizard Displays No Longer Show Extraneous “User is Suspended” Message**

When a Circulation wizard display showed the user name glossary as part of the user status header, the following message would be shown for every user name glossary selected even though the user was not suspended.

User is suspended

The user name glossary has been corrected to not show the message unless the user is actually suspended.

**Note:** The user status header displays only if the Configure Display of User Status Header attribute in the Global Configuration wizard is set to Display User Status Header in Circulation Wizards.

**Due Dates Adjusted Correctly for Weekly Loan Periods When Original Due Date Falls on a Closed Date**

When a due date for an item with a weekly loan period fell on a library closed date, the next open day was incorrectly used as the adjusted due date. The due date is now correctly adjusted to the next corresponding day of the week for weekly loan items.

**Example**

An item with a weekly loan period originally would be due on Friday, the day after Thanksgiving Day. However, the library is closed on that date. The due date is adjusted to be the following Friday, since the item has a weekly loan period.

**Correct “Insufficient Privilege” Message Displays When a User Attempts to Register a User With a Higher Profile**

If a user using the New User Registration wizard tried to create a user record with a user profile ranked higher than the login profile, the registration was blocked, and the following message displayed.
You must supply the outreach route property before continuing.

The New User Registration wizard has been changed to display the following message instead in the situation of a user trying to create a user record with a higher profile than the login profile.

You have insufficient privilege to create this user.

**Alternative Loan Period Used Correctly When Hold Threshold is Reached on Systems Using Demand Management**

If the number of holds on an item has reached the value set in the Hold Threshold attribute of the Item Type policy, the alternative loan period is used when a patron checks out the item. On Demand Management systems, the alternative loan period was not being applied correctly at checkout for items whose total number of holds met or exceeded the Hold Threshold value.

The Demand Management feature has been changed to correctly apply the alternative loan period when the number of holds on an item being checked out equals or exceeds the value of the Hold Threshold attribute in the Item Type policy.

**No Bill is Created for Lost Items When No Item Price and No Default Item Price Policy Exist**

Previously, when an item was marked as Lost with the Mark Item Lost wizard or the Assumed Lost (Assumedlost) report, a bill with an incorrect bill amount was created when the item record did not contain a price, and no Default Price policy for the item type and the owning library or transaction library could be found.

The lost item billing has been changed to handle the situation in which the item record does not contain an item price, and no Default Price policy exactly matches the item type and the owning library or transaction library. Unicorn will check for a Default Price policy that matches all item types in all libraries in the system (that is, the Item Type field is set to ALL, and/or the Library field is set to ALL or is blank). If no such policy exists, Unicorn will not add a bill for the lost item to the user record. If the item is being marked as Lost by the Assumed Lost report, the report will list the bill amount as $.00, and the lost item bill will not be added to the user record.

**“Records Are Busy” Message No Longer Displays During Checkout or Discharge While a Hold is Being Removed**

The following message would sometimes display on Oracle systems when the staff performed checkouts and discharges while someone was trying to remove a hold using the Remove Item Hold wizard or the Remove User Hold wizard.

Records are busy, please try again

The message appeared because the wizard being used to remove a hold could not find the requested hold. As Unicorn used system resources in its search for the hold, Circulation staff would see the message while trying to check out or check in items.
The Circulation module has been corrected so this message no longer displays during checkouts and discharges that are performed while the hold removal wizards try to locate a requested hold.

**Label Changed on Checkouts Tab for Clarity**

On the Checkouts tab in the user record display, the Display Options contained ALL and Inactive to display active and inactive (lost items) charges respectively. The label ALL was misleading since it did not actually display all charges. The ALL display option label has been changed to All Active, since selecting this option will display all active charges for the user.

**Copy Number in Item List on Checkouts Tab Shows Full Copy Number**

On the Checkouts tab in the user record display, the glossary for the copy number was truncated and displayed only the first two digits of the copy number. The copy number glossary has been corrected to show the complete copy number.

**Number of Checkouts and Bookings Display When Using the Item Lookup Helper in the Checkout Wizard**

If the user located an item to check out using the Item Lookup helper in the Checkout wizard, the Checkouts tab and Bookings tab in the item record did not show any counts for checkouts or bookings. The Checkouts and Bookings tabs have been changed to show the number of checkouts and bookings for the item.

**Nonholdable Items That Share Call Numbers With Holdable Items Are Not Selected to Fill Holds**

When two items of different item types had the same call number, and one of the items was holdable and the other item was not holdable, the nonholdable item could be selected to fill holds. This situation typically occurred when the nonholdable item was discharged before the holdable item was discharged. The Circulation module has been corrected to verify which items that share a call number are holdable. Only holdable items are selected to fill holds.

**Estimated Fines Removed When the Clear Charge Override is Used**

If Unicorn is configured with the clear charge feature, an item will be discharged from the patron who previously borrowed the item and then charged to another patron. If the item was overdue at the time it was discharged from the first patron, no bill is created when the charge is cleared. However, if the Update User Delinquency Status (Setdelinq) report was run before the clear charge function was used, estimated fines were calculated, and the first patron’s status was changed to DELINQUENT. The estimated fines were not being removed when the clear charge feature was used, and the patron’s status incorrectly remained DELINQUENT.

The clear charge override has been changed to deduct estimated fines for overdue items when they are discharged from a user. The deducted estimated fines
will no longer be present when the Update User Delinquency Status report is run again.

**Warning Message Displays for Items Assumed Lost**

If an item was marked as Lost by the Assumed Lost (Assumedlost) report, no message to alert the user of the lost item would display when the item record was viewed in the Item Search and Display wizard or the Item Lookup window. The following message now displays in red text if a user displays the item record of an item that was marked as Lost by the Assumed Lost report.

This item has been marked as lost

**Library Selection in User Suspension Selection**

Library ownership of user suspension records is based on the following conditions.

- When a suspension is created with a suspension reason that has an associated item, the library that charged the item is stored as the library on the suspension record.
- When a suspension is created with a suspension reason that does not have an associated item, the station's library is stored as the library on the suspension record.
- When a suspension is created for library privileges, the library of the station using the New User Registration wizard is stored as the library on the suspension record.

Previously, selecting by library in user suspension reports was not correct. Now the qualifying reports to select by the suspending library works properly.

**Items Could Be Double-charged if Circulate Flag Changed to Yes**

Previously, it was possible to change the circulate flag to Yes for an item while the item was charged. The item could then be charged out again without an override. This has been corrected. Unicorn has been modified to prevent the editing of the circulate flag for charged items.

**Item Lookup Helper Display Corrected in the Circulation Wizards**

When the Item Lookup helper was used in Circulation wizards, the helper display did not appear correctly. The following corrections were made to the Item Lookup helper display.

- The display options for the Bill Options and Order Options platforms display in a readable format.
- Missing labels were restored to the Bills, Checkouts, and Orders tabs.
- The helper display has been modified to accommodate the new item extended information fields.
User's Library Checked for “Accrue Fine” Setting When Assessing a Suspension Over Library Closed Dates

In libraries in which a user would be suspended for overdue materials, the Accrue Fine setting in the Library policy was not being applied correctly when a suspension occurred over library closed dates. If a library chose not to assess suspension days on library closed dates, the closed dates would be included in the calculation of the suspension, and the end date of the suspension would be incorrect. The suspension calculation has been corrected to consider the Accrue Fine setting when determining whether or not suspension days should be assessed on library closed dates.

New Properties Added to Register New User Helper

Values that were typed in the Department and Birthyear fields in the Defaults tab of the Register New User helper properties were not being saved to the new user record. The Register New User helper has been corrected to add any values entered in the Department and Birthyear fields to the new user record.

Message No Longer Displays During Checkout or Checkin

The following message would display intermittently when checking out or checking in items.

COMMUNICATION FAILURE

The Circulation module has been modified so that the message no longer displays.

Corrections Made to Lost Item Processing

In Unicorn 2003, the processing of items marked as Lost was greatly enhanced. The following corrections have been made to the new lost item processing.

• When the Mark Item Lost wizard was used to mark an item as Lost, the item’s location was set to a shadowed location, but the shadow counters were not updated. As a result, indexing problems occurred. The lost item processing has been changed to correctly update the shadow counters.

• If the Claimed Lost location (LOST-CLAIM) or the Assumed Lost location (LOST-ASSUM) was removed, the Mark Item Lost wizard or the Assumed Lost (Assumedlost) report would change the item’s current location to an invalid value of -1. The lost item processing has been changed to not mark an item as Lost if the LOST-CLAIM or LOST-ASSUM location has been deleted. The LOST-CLAIM and LOST-ASSUM locations must exist for the lost item processing to function properly.

• The user status was not being examined correctly for library systems that use the User Status by Library Group feature. The effect of this problem was to create incorrect estimated fines. The lost item processing has been changed to examine the user status correctly and properly estimate fines.

• The default price used in the lost item processing was based on the station library instead of the charge library. The lost item processing has been corrected to use the default price set by the charge library.
At times, the user’s estimated fines could be set to a negative value. The lost item processing has been changed to ensure that estimated fines can never have a negative value.

Estimated fines and accrued fines were not displaying correctly when items were marked as Lost and then renewed. The generation of an overdue bill when a lost item is renewed causes the item’s accrued fines to be subtracted from the estimated fines, and the amount of the overdue item bill to be added to the estimated fines. To ensure that accrued fines are never subtracted twice, the computation of estimated fines has been changed as follows.

- When an item is marked as Lost, the accrued fines from the charge are subtracted from the estimated fines.
- If the lost item is renewed, the accrued fines from the charge are added back to the estimated fines. Then the accrued fines in the charge record are reset to zero.

**Correct Item ID Displays When Placing a System Range Hold Using Demand Management**

If an override code was entered to place a System range hold on a title when no copies of the title were qualified to fill the hold, the item ID shown for the hold was for a different title. The hold would be placed on the correct item, but the item ID in the information display was not correct. The information display has been changed to show the correct item ID on which the System range hold was placed.

**Lost Item Message Remains Visible as Tabs are Selected**

If an item was marked as Lost, and the item record was displayed using the Item Search and Display wizard, the following warning message displayed in red above the information tabs.

*This item has been marked lost*

The Bib tab displays by default when the Item Search and Display wizard shows an item record. However, if the other information tabs are selected, and then the Bib tab is selected again, the lost item message disappears from the information display. The information display has been corrected to keep displaying the lost item message while the information tabs are selected.

**Number of Available Holds Displays Correctly When Using the Available Hold Override**

If a copy was taken from the available holds shelf and checked out to another user using the Available Holds override, the number of available holds for the user who placed the hold was incorrect. The number of available holds for a user has been corrected to display the actual number of available holds if an item is checked out to another user using an override.
Recall Due Grace Period Considers Library Closed Dates

When a user recalled an item or placed a Rush recall on an item, the recall due grace period was not considering library closed dates when calculating the due date. As a result, the item could be made due on a library closed date, and overdue fines could be miscalculated. This incorrect recall due date affected the Recall Notice on Charged Items (Recallntc) report and the calculation of fines.

The recall due grace period calculation has been corrected to consider library closed dates when determining the due date of the recalled item.

Specified Duplicate Hold is Removed Correctly

If a patron had placed two holds on the same item, and the Remove Item Hold or the Remove User Hold wizard was used to remove the most recent duplicate hold, the user’s earliest hold on the item was removed instead. This incorrect removal resulted in the patron being moved down in the hold queue to the position held by the most recently placed duplicate hold.

The Remove Item Hold and Remove User Hold wizards have been corrected to remove only the selected duplicate hold.

Charge Limits Used in Checkouts

Patrons could check out more items of each item type without an override than was permitted by the Maximum Charges attribute in the Circulation Rule policy. The Item Type override will now display and ask for the override code if the patron tries to check out more items of an item type than is permitted in the Circulation Rule policy.

WorkFlows Client No Longer Hangs After Clear Charge Override

When the user typed an override code in the Clear Charge override window and clicked OK to discharge an item from a patron and charge it to another patron, the WorkFlows client would hang. The user would have to stop the WorkFlows client process and restart WorkFlows. The Circulation module has been corrected to accept the Clear Charge override, discharge the item from a patron, and check out the item to another patron.

Correct Due Date and Message Displays When User’s Privileges Expire on a Library Closed Date

If the user’s privileges are set to expire on a library closed date, and the loan period must be shortened when charging or renewing the item, the following message displays.

Loan period shortened to next open date after user privilege expiration date

Normally, the loan period or renewal loan period would be shortened to the date the user’s privileges will expire. Since the user’s privilege expiration date will occur on a date the library is closed, the due date is moved to the first date the library is open after the user privilege expiration date.
Correct Default Library Setting Retained When Other Set Properties Windows Are Open

If more than one wizard’s Set Properties windows were open simultaneously, the Library value set in the first wizard’s properties was retained in the second wizard’s properties.

Example

The Set Properties windows for the Copy User wizard and the Confirm Address wizard are open. The Library value in the Copy User properties is set to North Branch, and the window is not closed. The Library value in the Confirm Address properties is set to South Branch, and then both Set Properties windows are closed. If the Set Properties window for the Confirm Address wizard was opened again, the Library value was North Branch.

The Set Properties windows for the Circulation wizards have been changed to prevent the Library setting in one wizard’s properties window from being saved to another wizard’s properties.

Incorrect Privilege Expiration Alerts No Longer Displays During Checkout or User Display

The ALERTS helper in the Checkout wizard and User Display wizard was generating an alert that the user’s card was expired even though the actual expiration date was months or years from the current date. The ALERTS helper has been corrected to show an expired privilege alert only if the user’s card has expired.

Resheling Slips Print Correctly in the Remove User Hold and Remove Item Hold Wizards

If an available hold was removed using the Remove User Hold or Remove Item Hold wizard, and the item had no more holds and did not have to go into transit to another library, the reshelving slip did not print. Even if the Print Reshelving Slip wizard property was selected for these wizards, the reshelving slip did not print as expected. The Remove User Hold and Remove Item Hold wizards have been corrected to print reshelving slips when the Print Reshelving Slip wizard property is selected, the item has no more holds, and the item does not need to go into transit for it to be reshelved in its normal shelving location.

Check Item Status Wizard

Corrections

Complete Date Displays in the Notified By Field of the Check Item Status Wizard

If an item is in transit for a hold, and the user has been notified to pick up the item, the Date Notified field in the Check Item Status wizard was not showing the complete date. The Check Item Status wizard has been changed to show all four digits of the year for the date shown in the Date Notified field.
Check Item Status Wizard Shows Destination Library for Items in Transit

When the Check Item Status wizard was used to show the status of an item in transit, the item’s home location would display in the Route / Transit To column of the information display instead of the destination library. The Check Item Status wizard has been corrected to show the destination library in the Route / Transit To column of the information display for the item in transit.

Call Number and Item ID For Items in Transit Print Clearly in Check Item Status Wizard Display

If the Check Item Status wizard was used to see volume and copy information for an item in transit, the call number and item ID for the item would overlap in the wizard display. The Check Item Status wizard has been corrected to show the call number and item ID on separate lines for the item in transit.

Bill A User Wizard

Corrections

Bill Reason Retained After Using the User Search Helper in the Bill a User Wizard

If the Bill a User wizard was started and a bill reason was selected before a user record was located using the User Search helper, the bill reason was not retained when the user returned to the wizard. The following message would display.

You must provide a bill reason

The Bill a User wizard has been corrected so the bill reason is retained while the User Search helper is used to locate the user record to be billed.

Checkout Wizard

Enhancements

Checkout Wizard Displays a Glossary and the Pay Bills Helper When a Checkout Generates a Bill

The Checkout wizard has been enhanced as follows for when a checkout causes a bill to be created for a user.

- In the list of checkouts for the current user, a dollar sign ($) glossary displays for the item. This glossary can be selected to see bill information.
- The Pay Bills helper appears on the toolbar. This allows the user to pay the bill immediately, if desired.
Corrections

Checkout Wizard Correctly Renews Items Marked as Lost or Assumed Lost

When an item that had been marked as Lost or Assumed Lost was renewed using the Checkout wizard, the wizard incorrectly cleared the original charge and checked the item out to the user again. If an overdue fine would have been assessed when the item was renewed, the fine was not assessed since the charge was cleared with a clear charge override.

The Checkout wizard has been changed to renew items marked as Lost or Assumed Lost, and to assess overdue fines correctly if they are to be assessed.

Overrides Required for Subsequent Checkouts

If an item being checked out displayed one of the following overrides, and the user clicked Do Not Checkout Item to cancel the checkout, the overrides would not display for subsequent checkouts to other users.

- Item Type Limit
- Non Chargeable Item
- Charge Permitted (accountable item override)
- Confirm Number of Pieces

The Checkout wizard has been corrected to use the overrides for subsequent checkouts after canceling a checkout to a previous user.

User ID Field Cleared in Checkout Wizard When Automatic Restart Property is Selected

If the Automatically Restart Checkout on Item ID Error property was selected in the Checkout wizard, the invalid item ID was displaying in the User ID field when the wizard returned to the Identify User window to restart the checkout. The Checkout wizard has been corrected to clear the User ID field on the Identify User window if the checkout restarts because an invalid item ID is scanned.

Negative Number No Longer Displays in the Checkout Wizard’s Group ID Field

If the Group ID field in the user record was blank, the Checkout wizard would display a negative number in the Group ID box when items were being checked out to the user. If the user record was displayed using the User Display wizard or the Modify User wizard, the Group ID field would correctly display as blank. The Checkout wizard has been changed to leave the Group ID box blank if the group ID field is blank in the user record.
Checkouts Can Be Cancelled From Lost Item Override

If the user attempts to check out an item that has been marked as Claims Lost or Assumed Lost, the following Lost Item override message displays.

Warning!!! This item is a claims or assumed lost item.

If the Do Not Checkout Item button was selected to cancel the checkout, the following message displayed.

You must identify the item to checkout.

When the OK button was selected to dismiss the message, the Lost Item override message displayed again without any next step buttons. As a result, the staff member could not cancel the checkout.

The Checkout wizard has been corrected to cancel the checkout if the Do Not Checkout Item button is selected in the Lost Item override.

List of Current Checkouts Property Setting Honored If Global Properties Used

In the Checkout wizard properties, the setting of the Print List of Patron's Current Checkouts property was not honored if the following global properties were set on the Circulation tab of the Global Configuration wizard.

- The Configure Display User Status Header property was set to Display User Status Header in Circulation Wizards.
- The Configure Display of User Transaction Lists property was set to Display User Transaction Lists in Circulation Wizards.

The Checkout wizard has been changed to properly use the setting of the Print List of Patron's Current Checkouts property.

Incorrect Expiration Message No Longer Displays in Alerts Helper for the Checkout Wizard

If the Alerts helper was used in a Circulation wizard (such as the User Display wizard) before the Checkout wizard was used to check out items to a user, the Alerts helper in the Checkout wizard would display the following message even though the user’s library privileges were set to expire far into the future.

Privilege has expired

The Checkout wizard and Alerts helper have been corrected to show the privilege expiration message only when the user’s privileges have expired.
Discharge/Checkin Wizard

Corrections

Comments Display Correctly for Checkins

If an item being checked in with the Discharge/Checkin wizard generated the display of a hold comment or a Route To message, the comment or message would incorrectly display for subsequent checkins. The Discharge/Checkin wizard has been corrected to display the hold comment or Route To message only for the particular checkin to which it applies.

Incorrect Message No Longer Displays and Loops When Discharging Two Copies of a Title With a Title Level Hold

If a title has a Title level hold on it, and two copies of the title are discharged at nearly the same time with the Discharge/Checkin wizard, the following message displayed when the copy assigned to fill the hold was discharged after the other copy was discharged.

No holds found

When the OK button was selected to dismiss the message, the message would continue to appear until the Check Item Status button was selected, and then the window’s close button (X) was selected.

In this situation, the first copy was assigned to fill the hold, but the second copy was discharged and made available for the same hold. When the first copy was discharged to fill the hold, the message displayed and kept being repeated.

The Discharge/Checkin wizard has been corrected to handle the situation in which two copies of a title with a Title level hold are discharged at almost the same time. The first copy assigned to fill the hold will be used to fill the hold when the copy is discharged. The second copy will not be considered to fill the hold and will be discharged.

Checkout and Discharge/Checkin Wizards Changed to Handle Lost Items

The following changes have been made to the Checkout and Discharge/Checkin wizards to ensure better handling of items that had been marked as Lost or Assumed Lost.

- On Oracle systems, the Discharge/Checkin wizard would enter an infinite loop when the user tried to check in a lost item. This wizard has been corrected to prevent the loop from occurring.
- When the Discharge/Checkin wizard was used to discharge a lost item, the estimated fines for the user to whom the item was checked out were not being updated correctly. The wizard has been changed to update the estimated fines properly when a lost item is discharged.
- The Checkout and Discharge/Checkin wizards were not checking the item's
current status correctly, so the staff member might be directed to put the
lost item in transit, put it on the holds shelf, or reshelve the lost item. The
wizards have been corrected to display the following message when a lost
item is presented for checkout or checkin.

Warning!!! This is a claims or assumed lost item.

Default Payment Type Displays When Paying Bills at Discharge

When the Pay Bill Now button was selected in the Status Alert window in the
Discharge/Checkin wizard, the Payment Type box or boxes under Individual
Bills and Payments in the Paying Bills for [User] window would be blank
instead of showing the default payment type set in the Pay Bills Helper proper-
ties. The Discharge/Checkin wizard has been changed to use the default pay-
ment type set in the Pay Bills Helper in all of the Payment Type boxes in the

Copy User Wizard

Corrections

Incomplete User Record No Longer Created When User Cancels in
the Copy User Wizard

If the user started to copy a user record with the Copy User wizard, but then
decided to cancel the operation and not create a new user record, the wizard
would create an incomplete user record anyway. The Copy User wizard has been
corrected to discard any entered information and not create an incomplete user
record.

Mark Item Lost Wizard

Corrections

Pay Now Button Displays in the Mark Item Lost Wizard

When the Mark Item Lost wizard was used, and the User Search helper was
used to select the item to be marked as Lost, the Pay Now button did not display.
If the Bill User button was selected, the user would be billed twice for the lost
item.

The Mark Item Lost wizard has been corrected to show the Pay Now button
when the item to be marked as Lost is located by using the User Search helper
and selecting an item from the list of items checked out to the user. If the Bill
User button is selected, the user will not be billed a second time.
Messages No Longer Display When Using the User Search Helper in the Mark Item Lost Wizard

When the user clicked the User Search helper in the Mark Item Lost wizard, the following message displayed.

Variable state ItemLost: *Charge to LOST cannot be resolved by its name

When the user clicked OK to dismiss the message, the following message displayed.

Invalid pop stack state -- current stack will be used

The User Search helper has been changed so the messages no longer display when the helper is used.

Mark Item Lost Wizard Prints Item Price and Processing Fee on Receipts and Bills

In the Mark Item Lost wizard, the Pay Now and Pay Later options are available for the patron to pay bills associated with the item marked as Lost. If Pay Now is selected, a payment receipt prints. If Pay Later is selected, a bill slip prints. On both the receipt and the bill, only the lost item processing fee displayed. A blank space was appearing in place of where the lost item price should have printed.

The Mark Item Lost wizard has been changed to print the lost item price and the lost item processing fee correctly on payment receipts and bill slips.

Dynamic Indexing Occurs Correctly After Items are Marked as Lost

If an item was marked as Lost with the Mark Item Lost wizard or as Assumed Lost with the Assumed Lost (Assumedlost) report, the dynamic indexing did not occur until the Add, Delete, Update Databases (Adutext) report was run. The lost item processing has been changed to perform the dynamic indexing so the lost item will be indexed as shadowed as soon as the item is marked as Lost or Assumed Lost.

Mark Item Lost Glossary Shows Correct Price and Amount Billed

If the title glossary of an item marked as Lost was selected in the List of Lost Items in the Mark Item Lost wizard, the glossary showed incorrect amounts for the Price and Billed fields. The glossary has been corrected to show the item price from the item record in the Price field, and the replacement cost or default item type price and the processing fee (if any) in the Billed field.

Example

An item with an item price of $100.00 is marked as Lost. The Mark Item bills the user for the default item type price of $25.00 and a processing fee of $5.00. In the title glossary, the Price field shows the price as $100.00, and the Billed field shows the amount billed as $30.00 (the $25.00 default item type price plus the $5.00 processing fee).
Modify User Wizard

Corrections

**User Status Manually Set With the Modify User Wizard Can Only Be OK or BARRED**

Previously, the Status list on the Privilege tab in the Modify User wizard included OK, DELINQUENT, BLOCKED, and BARRED as selections. However, the only user statuses that Sirsi recommends to be set manually are BARRED and OK. The Modify User wizard has been changed to only have BARRED and OK as selections in the Status list.

**Acquisitions Message No Longer Displays When Using the Modify User Wizard**

If a search for a single user record was performed by user ID, alternative ID, or Current lookup, the following message would often display.

You may not display this library’s acquisitions information

The Modify User wizard has been corrected to not display the message when looking up user records.

Suspend User Wizard

Corrections

**Message Alerts Staff When User Suspensions are Shortened Because of the Maximum Suspension Amount**

The Suspend User wizard would truncate a user’s suspension when the maximum amount of suspension time permitted by the user profile was reached. However, no message would alert the staff to the shortening of the suspension time. The Suspend User wizard will truncate the suspension time and display the following message when the entered suspension length reaches the suspension time limit.

Number of days suspended has been reduced, due to maximum in user profile policy.

**Example**

A user with the PUBLIC user profile has already been suspended for 6 days. The Maximum Suspension Amount attribute in the PUBLIC User Profile policy is set to 10 days. If the library staff enters 6 in the Number of Days Suspended box in the Suspend User wizard, the suspension is truncated to 4 days, and the message displays.
User Display Wizard

Corrections

User Edit Override No Longer Displays Unnecessarily When Modifying User Records

When the Modify This User button was selected in the User Display wizard, the following message displayed for changes to the user information that normally did not require an override.

User edit override Required field missing

This message displayed when the user record was modified, and if at least one of the following global properties was set as follows.

- The Configure Display of User Status Header property was set to Display User Status Header in Circulation Wizards.
- The Configure Display of User Transaction Lists was set to Display User Transaction Lists in Circulation Wizards.

The User Display wizard has been corrected so the message will no longer display when modifying values that do not require an override.

All Information Tabs Display When Searching for a User Record by Name in the User Display Wizard

When a user record was located using Name as the search criteria, and if the Configure Display of User Status Heading global property was set to Display User Status Header in Circulation Wizards, the Addresses tabs and Routings tabs did not display.

The User Display wizard has been corrected to display all of the information tabs for the user record if the Configure Display of User Status Heading global property is set to Display User Status Header in Circulation Wizards.

Full List of Charges Displays on Checkouts Tab in Display User Wizard

When more than 1,000 items were charged to a user, the list of charges shown in the Checkouts tab of the User Display wizard display did not show the complete list of charges. The User Display wizard display has been corrected to show the full list of charges for a user who has many checkouts.

Individual Library Name Can Be Selected in User Display Wizard Properties

In the User Display wizard properties, the Individual Library list in the Suspension folder was not activated to allow the user to select a library name. The wizard properties have been corrected so the user can select a library name from the Individual Library list.
Outreach Interests and Histories Information Displays in the User
Display Wizard When Global Property is Set

When the global property Configure Display of User Transaction Lists was set
to Display User Transaction Lists in Circulation Wizards, the Outreach Infor-
mation and Interests tabs would not appear for user records displayed with the
User Display wizard. The wizard has been corrected to show the Outreach Infor-
mation and Interests tabs for the user if the user record contains outreach and
interest information.

Place Hold Wizard

Enhancements

Pickup Library Default Added to the Place Hold Wizard Properties

The Place Hold wizard has been enhanced with the addition of the Pickup
Library Default property. This property allows a default pickup library to be
specified. The Pickup Library Default can be set to one of the two following
options.

- Workstation Library specifies the library of the workstation placing the hold
  as the pickup library. This option is delivered as the default.
- User Library specifies the library of the user for whom the hold is being
  placed as the pickup library.

In the Place Hold for [User] on [Call Number] window of the Place Hold wizard,
the Pickup At field will always display the name of the selected default pickup
library. Staff members may change the pickup library by selecting a library in
the Pickup At field.

Place Blanket Hold Wizard

Corrections

Correct Number of Copies Are Sent to Pickup Library After Trapping
Copies for a Blanket Hold

When holds were trapped and items put in transit to another library to satisfy a
blanket hold, the number of copies trapped exceeded the number of copies
requested.

Example

A Title level, System range blanket hold is placed on four titles, and two copies are requested
to fill the hold. The pickup library is HEREFORD. Four copies of a title are at the MAIN library.
The MAIN staff trap the hold, and are told to put all four copies in transit to HEREFORD. The
four copies arrive at HEREFORD and are made available by the library staff, even though
only two copies are needed to fill the blanket hold.
The Circulation module has been corrected to trap and put into transit only the required number of copies to fill the blanket hold.

**Message No Longer Displays When Creating a Blanket Hold**

If the user tried to assign a blanket hold ID while creating a new blanket hold with the Place Blanket Hold wizard, and the blanket hold ID did not already exist, the following message displayed.

No entry set for _COPY_FROM_ENTRY()

The Place Blanket Hold wizard has been corrected to show the following message if the user types a non-existent blanket hold ID in the ID box of the Define Blanket Hold window.

Blanket hold not found

**Note:** The value of NEW must be selected or typed in the ID box on the Define Blanket Hold window when a new blanket hold is being created. The Place Blanket Hold wizard will assign a blanket hold ID when the blanket hold is created. If the user types a blanket ID in the ID box, the wizard will try to locate an existing blanket hold with that blanket ID.

**Place Blanket Hold Wizard Shows Correct Hold Totals and Handles Incorrect Override Codes**

The following corrections were made to the Place Blanket Hold wizard.

- The Items Selected and Holds Placed counters were not showing the correct values. These counters have been changed to show the correct number of items selected for the blanket hold, and for the actual number of holds placed.
- If a staff member tried to place Copy level holds on items that normally would not allow holds and typed the override code incorrectly, the wizard would try to place the hold on the first copy in the list no matter which copy was currently selected. The wizard has been changed to require the override to be typed correctly, and to place the Copy level hold on the requested copy.

**Trap Holds Wizard**

**Corrections**

**Messages No Longer Display in Trap Holds Wizard for Items With No Holds But Should Go In Transit**

If the Trap Holds wizard attempted to trap holds on an item that had no holds, but had a condition that made it necessary for the item to be put in transit (such as the item was to be returned to its owning library), the following messages displayed.

Variable state cannot be resolved by its name

No key specified
The Trap Holds wizard has been corrected so the messages no longer display if the selected item has no holds but needs to be put into transit.

Renew User Charges Wizard

Corrections

Renew User Charges Wizard No Longer Displays Message When Only Alternative IDs Are Used

If the Display of User Alternative ID Field option in the Global Configuration wizard was set to Display User Alternative ID, and the Display of User ID Field option was set to Do Not Display User ID, the Renew User Charges wizard would display the following message when a user's alternative ID was entered.

user ID Required field missing

The Renew User Charges wizard has been corrected to not show the message when only the alternative IDs are used and displayed, and the use of user IDs is suppressed globally.

Corrections

Reserve Desk Displays in Renew User Charges List If Global Properties Used

In the Renew User Charges wizard, the reserve desk name did not display in the list of user charges for reserve checkouts if either or both of the following global properties were set on the Circulation tab of the Global Configuration wizard.

- The Configure Display User Status Header property was set to Display User Status Header in Circulation Wizards.
- The Configure Display of User Transaction Lists property was set to Display User Transaction Lists in Circulation Wizards.

The Renew User Charges wizard has been corrected so the reserve desk name will display for reserve checkouts in the user charge list.

Confirm Address Wizard

Corrections

Lookup Library Default Used When Returning From a List of Matches in the Confirm Address User Wizard

When a lookup library was specified as a default in the Confirm Address wizard properties, the default setting was not retained when the user moved from a list of matching records back to the Lookup window. The Confirm Address wizard
has been corrected to use the default lookup library when returning to the Lookup window from a list of matching records.

## Ephemeral Checkout Wizard

### Corrections

**Item Lookup Helper Works Correctly in the Ephemeral Checkout Wizard**

When the Item Lookup helper was used to select the copy to check out in the Ephemeral Checkout wizard, the selected item ID was not used. The default item ID set in the wizard properties was being used for the checkout instead of the selected item ID. The Ephemeral Checkout wizard has been changed so that if the Item Lookup helper is used to select an item ID, that item ID is used in the current checkout.

## Pay Bill Wizard

### Enhancements

**Owes Glossary Changed to a Bill Information Window**

Previously in the Pay Bill wizard and the Pay Bills helper, the staff member would select the Owes glossary for a single bill listed under Individual Bills and Payments to see bill information. Since the number of payments on a single bill has been increased from five to 50, not all of the bill payment information could be displayed in the glossary.

The More button that now displays to the right of the Owes field can be selected to display the Bill Options window. This window contains all of the information for the particular bill, including the payment date, payment amount, and payment type for each payment. If the bill is associated with an item, the item information and charge information also display.

The following illustration shows an example of the Bill Options window.
Corrections

Message Appears If User Tries to Enter Payment in Individual and Total Payment Sections

In the Pay Bill wizard, if a bill payment was successfully made for a patron, and then for the next patron the staff member mistakenly entered a bill payment amount in both the Total Bills and Payments section and the Individual Bills and Payments section, the Complete dialog window would display a message that the payment had been accepted. However, the bill was not actually paid.

The Pay Bill wizard has been corrected to display the following message if payment amount is entered in both the Total Bills and Payments section and the Individual Bills and Payments section.

Can’t pay all and individually

When the message is dismissed, the staff member is returned to the Pay Bill wizard window to enter the payment only in the correct section.
Renew Privilege Helper Replaces the Renew Privilege Behavior Property in the Pay Bill Wizard

The Renew Privilege behavior property in the Pay Bill wizard did not have any effect and did not renew user privileges, even if the property was selected in the wizard properties. The Renew Privilege behavior property has been replaced with the Renew Privilege helper. If this helper is selected in the Helpers tab of the Pay Bill wizard properties, and if the user’s privileges are about to expire within the next 30 days, the Renew Privilege helper will display in the helper bar on the List of Bills window. Staff members can select this helper to renew the user’s privileges while paying or waiving bills for the user.

Message No Longer Displays When Paying Bills for Lost Reserve Items

If the user tried to pay a bill for a reserve item that had been marked as Lost, the following message displayed when the Pay Bill wizard was used.

RESERVE database error -- unable to process request

The lost item bill would be paid, but the lost reserve item would not be processed correctly and removed from the user’s charge record.

The Pay Bills record has been corrected so the lost item bill is paid, the message no longer displays, and the lost reserve item is removed from the user record.

User Display Wizard

Corrections

Checkouts Tab Displays Correct Count of Charges for User With Many Checkouts

If a user record had many checkouts (such as over 1000 items for the Discard user), the Checkouts tab in the User Display wizard would display the number of charges that had been received from the server response, not the actual number of charges.

The User Display wizard has been changed to display the actual number of charges for the user. If the number of charges is so large that the complete charge list cannot display, the following message displays.

The requested information was too long and has been truncated.

The message indicates the requested information was too long to display, and has been shortened.
User Lost Card Wizard

Corrections

User Lookup by Name and Library Corrected in the User Lost Card Wizard

If a user’s last name and a specific library name (not All_Libs) were used to look up a user record in the User Lost Card wizard, a new card could not be issued since the full user name and the user ID for the lost card would not display. The User Lost Card wizard has been changed to show the user name and user ID on the Displaying [User Name] window for staff members to verify the correct user record is selected, and to show the user ID on the Assign New Card window so a new user ID can be assigned.

Interests and Histories Options Settings Used in the User Lost Card Wizard Properties

If the Interests and Histories options in the User Lost Card wizard properties were set to display the Interests and Histories tabs when a user record is displayed, the tabs would not display. The User Lost Card wizard has been corrected to display the Interests and Histories tabs for the user record if the wizard properties are set to display those tabs.

Charges, Holds, and Unpaid Bills Display in the User Lost Card Wizard

If a user record was located by user name in the User Lost Card wizard, the user’s charges, unpaid bills, and holds did not display in the wizard’s information display. The User Lost Card wizard has been corrected to show the charges, unpaid bills, and holds for a user.

Renew User Charges Wizard No Longer Displays Message When Only Alternative IDs Are Used

If the Display of User Alternative ID Field option in the Global Configuration wizard was set to Display User Alternative ID, and the Display of User ID Field option was set to Do Not Display User ID, the Renew User Charges wizard would display the following message when a user’s alternative ID was entered.

user ID Required field missing

The Renew User Charges wizard has been corrected to not show the message when only the alternative IDs are used and displayed, and the use of user IDs is suppressed globally.

Pay Now Button Displays in the Mark Item Lost Wizard

When the Mark Item Lost wizard was used, and the User Search helper was used to select the item to be marked as Lost, the Pay Now button did not display.
If the Bill User button was selected, the user would be billed twice for the lost item.

The Mark Item Lost wizard has been corrected to show the Pay Now button when the item to be marked as Lost is located by using the User Search helper and selecting an item from the list of items checked out to the user. If the Bill User button is selected, the user will not be billed a second time.

**New User Registration Wizard**

**Enhancements**

**User Record Duplication Checking Added to New User Registration Wizard**

The New User Registration wizard has been enhanced with the user duplication checking feature. If this optional feature is enabled, the wizard will check existing user records for possible duplicates. If a possible duplicate user record is found, the user can review it to determine if the user record about to be created is actually a duplicate of the existing record. The user will have the option of creating the duplicate user record anyway, or discarding the entered user information and keeping the existing user record.

**Duplication Checking Options**

The New User Registration wizard properties now include the following user duplication checking options.

- Duplication Checking On performs user record duplication checking to see if the current user being registered is already in the user record database. When this option is selected, the check boxes under User Duplicate Searching become enabled.
- Duplication Checking Off does not perform any user record duplication checking. This option is selected by default.

If the Duplication Checking On option is selected, the following check boxes are enabled. If a check box is selected, the corresponding user record field is searched to see if the current user being registered could be a duplicate of an existing user record.

- Corporate Name
- Email Address
- License Number
- Phone Number
- Social Security Number
- Street
- Student ID
• User Group ID
• User Name

By default, all of the check boxes are cleared.

If more than one check box is selected, Unicorn performs the duplication check using the OR operator.

**Example**

*If the User Name and Phone Number check boxes are selected, a user record being created would be considered a duplicate if either the user name or the phone number matched a user name or a phone number in an existing user record.*

**Handling Possible Duplicate Records**

If the Duplication Checking On option is selected in the New User Registration wizard properties, and the user clicks Register User after entering user information, the wizard will search the selected user record fields for possible duplicate user records.

The Duplicate User(s) Found During Registration Window appears when the user record being created matches one or more existing user records by user ID, Previous User ID, Previous User ID2, or other selected duplication checking option.

* If the scanned or typed user ID matches the user ID, the Previous User ID, or the Previous User ID2 in one or more existing user records, the Duplicate User(s) Found During Registration window displays. A message similar to one of the following will display in the window, depending on how the duplicate record was located and the number of matching records found.

Smith, John
The User ID is in use. One duplicate record found.

Smith, John
Found one from Previous ID

Smith, John
Found one from Previous ID2

**Note:** Unicorn always checks for duplicate records based on User ID, Previous ID, or Previous ID2, even if the Duplication Checking On option is cleared in the New User Registration wizard properties.

* If the Duplication Checking On option is selected in the New User Registration wizard properties, and the user information being entered matches one or more existing user records by the selected duplication checking options, a message similar to the following appears.

Smith, John
This user is a duplicate record.

Smith, John
This user is a duplicate record for a list of records.

In the Duplicate User(s) Found During Registration window, click one of the following options.
• View Duplicate User Records displays the duplicate user record if only one matching record is found, or the List of Users Found on Lookup window if a list of matching user records is found. In the list of matching records, select the user record to view, and click Display Duplicate User.

• Return to Register User goes back to the Identify New User window if a duplicate user ID was found, or Entering Info for [User Name] window if duplicate user information was found.

• Close exits the New User Registration wizard without saving any of the entered user information, and keeps the existing user record(s).

If the user returns to the Entering Info for [User Name] window, the user can do one of the following.

• Modify the entered user information to eliminate the duplicated information, and click Register User to save the user record.

• Click Register User With Duplication to save the entered information anyway as a duplicate user record.

• Click Cancel to discard the entered information, keep the existing user record, and exit the New User Registration wizard.

New Properties Added to Register New User Helper

The Register New User helper and New User Registration wizard have been enhanced with the following new properties.

• The Show Interests Folder check box has been added to the Behavior tab of the helper properties window. The Show Interests Folder check box determines whether or not the Interests tab displays for a staff member to enter the user’s reading interest information into the new user record. By default, the check box is cleared.

• The User Cat3, User Cat4, and User Cat5 list boxes have been added to the Defaults tab of the helper properties window. These list boxes are library-defined statistical categories, and selections for each list are determined by library policies. By default, these list boxes are blank.

The Register New User helper properties were also changed to correct the situation in which values set for the Department and Birthyear fields were not being saved to the new user record. Any values entered in these fields will now be correctly added to the new user record.

InfoVIEW

Corrections

Amount Billed Displays for Checkouts in the InfoVIEW Client

If an item that was being checked out using the InfoVIEW client’s Charge Item command generated a bill, no alert window would display to report the amount billed, and the list of checkouts display did not show the amount billed. The
Charge Item command in the InfoVIEW client has been changed to alert staff members if the checkout creates a bill, and to display the amount billed in the list of checkouts.
e-Library

General

Enhancements

Single Item View Display Tabs Now Configurable

Previously in the e-Library, the default display tab for the Single Item View was not configurable. Now, libraries can determine whether the Single Item View page displays the Item Information or the Catalog Record tab by default.

A new environment variable, TABBED_SINGLE_ITEM_DEFAULT, has been added to the files ilink.env and ibistro.env. The default value for the variable is 1, which displays the Item Information tab by default. To change the default display to the Catalog Record tab, change the value of the variable to 3.

e-Library custom pages affected: ibistro.env, ilink.env, html_head_tabbed.h

Enhanced Buy Now Custom Welcome Screen

The Enhanced Buy Now functionality now includes a link on the footer of every page that takes the patron to a special Barnes and Noble Welcome page.

e-Library custom pages affected: copyright.h, enh_buy_now.h

Reserves Shadowed Items Display Variable Added to the e-Library

A new environment variable, RSV_SHADOW, has been added to the e-Library to control display of shadowed titles, call numbers, and copies for Reserves. The possible values for this variable are as follows.

- The default value of NO means that shadowed Reserve items will not display and that the following system message will appear.
  
  Unavailable for display.

- The value of YES means that only shadowed Reserve items will display.

- The value of BOTH means that both shadowed and non-shadowed Reserve items will display.

Existing installations that wish to continue displaying both non-shadowed and shadowed Reserve items should add the following line to the appropriate environment file.

RSV_SHADOW|BOTH|

e-Library custom pages affected: ibistro.env, ilink.env, k12.env, webcat.env
Tabs Color Variables Now Used in Single Item View

The display color of e-Library tabs on the Single Item View page can now be customized using new environment variables in the ibistro.env and ilink.env files, as follows.

```
TAB_BORDER_COLOR|#999999|# dark grey (Elib_revC)
TAB_BGCOLOR|#006699|# med denim blue (Elib_revC)
TAB_COLOR|#FFFFFF|# white (Elib_revC)
TAB_HOVER_COLOR|#006699|# med denim blue (Elib_revC)
```

e-Library custom pages affected: ibistro.env, ilink.env, js_functions_tabbed.h, stylesheet_tabbed.h

Item Type Icon Variable Included in the e-Library

Previously, the e-Library included the ability for up to 20 Item Type policies to be used to choose cartoon images that displayed under the title of an item on the Search Results page. However, not every installation of the e-Library required these cartoon images. To speed loading of the Search Results page, a new variable in the ibistro.env and ilink.env files, DISP_ITYPICON, controls whether these icons display on the Search Results page. The default setting for this variable is 0.

iBistro custom pages affected: ibistro.env, ilink.env, 4.pg

Links to SingleSearch and Resolver Added to e-Library

Links to Sirsi SingleSearch and Sirsi Resolver have been added to the e-library interface. A button that links to Sirsi SingleSearch (SingleSearch) has been added to the navigation bar, as follows.
A link to Sirsi Resolver (Other Links) has been added to the Single Item View page, as follows.

The SingleSearch button displays if the SINGLE_SEARCH_URL is defined. The user ID and password for SingleSearch are specified by SINGLE_SEARCH_USERID and SINGLE_SEARCH_PASSWORD. The Resolver link displays if OPEN_URL is defined. The title, ISBN, ISSN, and genre of the item are automatically transmitted to Resolver.

E-Library custom pages affected: ibistro.env, openurl.h, buttons1.h, buttons10.h, buttons11.h, buttons14.h, buttons15.h, buttons16.h, buttons17.h, buttons18.h, buttons19.h, buttons20.h, buttons200.h, buttons201.h, buttons202.h, buttons203.h, buttons204.h, buttons205.h, buttons206.h, buttons208.h, buttons21.h, buttons22.h, buttons23.h, buttons24.h, buttons25.h, buttons26.h, buttons3.h, buttons31.h, buttons33.h, buttons34.h, buttons36.h, buttons38.h, buttons39.h, buttons4.h, buttons40.h, buttons41.h, buttons42.h, buttons43.h, buttons44.h, buttons45.h, buttons46.h, buttons47.h, buttons49.h, buttons5.h, buttons50.h, buttons52.h, buttons53.h, buttons55.h, buttons58.h, buttons6.h, buttons60.h, buttons62.h, buttons66.h, buttons67.h, buttons71.h, buttons73.h, buttons75.h, buttons77.h, buttons78.h, buttons8.h, buttons81.h, js_functions.h, viewtop.h, openurl.h, buttons_end.h, js_functions.h, othersearches.h

Patron Modification of My Favorites

Users of iBistro, iLink, and Web2 have the ability to have their favorite authors and subjects noted whenever they check out items or place holds so that the library can notify them when new items of interest arrive in the library. As ini-
tially released, there was not a way for patrons to examine this list of favorite authors and subjects and to remove anything that was no longer of interest.

With this release, users will be able to remove authors and subjects from their My Favorites list. Users will be able to remove all or selected subjects and all or selected authors from their lists in iBistro/iLink and Web2.

Patrons with favorites can use the Modify option to remove all or some of their existing author and subject favorites using the following procedure.

1) Log in to the e-Library.

2) From the Search/Home page, click Modify in the My Favorite box, or click More to see the full list of My Favorites. Once the list of My Favorites is available, click Modify in the toolbar.

3) In My Favorite Authors, click Remove All Authors to clear the My Favorite Authors list, or select the check box by the authors you wish to remove from My Favorite and click Remove Selected Author.

4) In My Favorite Subjects, click Remove All Subjects to clear the My Favorite Subjects list, or select the check box by the subjects you wish to remove from My Favorite and click Remove Selected Subject.

If the patron has few favorites, the Modify button displays at the bottom of the My Favorites area on the e-Library Search/Home page. If the patron has more than three author or subject favorites, the More button in the My Favorites area allows the patron to view the full My Favorites display, which includes the Modify button.


Ability to Modify the Order of Libraries Displayed

A new feature in WebCat allows a library to control the display order of the libraries listed following My Library in the detailed search display. It is controlled by setting a flag in the ibistro.env or k12.env file in the /Unicorn/Webcat/Config directory. The three configurable methods available are no sorting, sort by library name, and sort by library description, as follows.

# Sort order of libraries in call display.
# x - no sorting
# n - by library name
# d - by library description

CGI_CALLDISP\n
Search Results Holdings Display Now Uses Library Policy Description

Now the e-Library Search Results display uses Library policy descriptions for holdings information instead of a simple listing of library names.
Charges in My Account Now Sorted by Due Date

Previously in the e-Library, a patron's checked out items were only sorted by database order in the Review My Account and Renew My Materials sections of My Account. Now these items can be sorted by due date.

When the SORT_CHARGES variable is set to 1 in the system.env file, the patron's charges are displayed sorted by due date. If SORT_CHARGES is set to 0, the charges are displayed sorted by database order.

e-Library custom pages affected: ibistro.env, k12.env, webcat.env, cgiopach, datacodeh, web.h

Multilibrary Sites Support Different Versions of e-Library on Same System

The e-Library now allows multilibrary sites to support different versions of the e-Library on the same system. For example, each member can set a specific page and system type on the log in page so that patrons can access iLink from one site, iBistro from another, and the e-Library on UnicornECOLE at yet another site. A specific page and system type can also be used in some system messages that do not address session time out.

To facilitate this enhancement, station library information is added to URL addresses that are routed through the e-Library. The station library information follows the randomly generated string and precedes the session number in the URL address.

Example:
/uhtbin/cgisirsi/4rhLqjI9DI/LIBPOLNAME/101130005/60/1180/X

The e-Library uses the library policy name in the URL to read the appropriate libconfig.<library name> file so that site-specific variables can be loaded and so that the correct e-Library version can be used.

Note: Because the fundamental WebCat URL structure has changed, sites that have custom links into the e-Library (such as a page that allows users to log into different libraries) must edit these pages to include the library in the URL.

Example:
Previously, the custom URL might have included the following information.
/uhtbin/cgisirsi/4rhLqjI9DI/101130005/60/1180/X

Now, the custom URL includes library name policy information, as follows.
/uhtbin/cgisirsi/4rhLqjI9DI/BRANCH1/101130005/60/1180/X

For single-library systems, “SIRSI” is used for the library policy name in the URL.

To implement this feature, refer to the following procedure.
1) Copy the /Unicorn/Webcat/Config/webconfig file to another file in the same directory. Name the new file libconfig.LIBRARY NAME in which LIBRARY NAME is the policy name of the library.

Example:

libconfig.MAIN

2) In the libconfig.LIBRARY NAME file, change the following line to reflect the type of e-Library version to use.

Example:

UNICORN_TYPE:0:

Valid values for this field are 0 (iLink), 1 (Single-library UnicornECOLE), 2 (iBistro) and 7 multilibrary UnicornECOLE).

3) Repeat steps 1 and 2 as necessary for each library that should have a different e-Library version from the value specified in the UNICORN_TYPE parameter of the /Unicorn/Webcat/Config/webconfig file.

<a> HTML Tag Modified for ADA Section 508 Compliance

In order to increase ADA (Americans with Disabilities Act) Section 508 compliance, the title attribute has been added to any <a> HTML tags in the e-Library navigation bar.

Additionally, files that were using JavaScript to create help buttons were modified to conform to current HTML standards.

e-Library custom pages affected: buttons1.h, buttons10.h, buttons11.h, buttons14.h, buttons15.h, buttons16.h, buttons17.h, buttons18.h, buttons19.h, buttons2.h, buttons20.h, buttons200.h, buttons2001.h, buttons2002.h, buttons2003.h, buttons2004.h, buttons2006.h, buttons2008.h, buttons21.h, buttons22.h, buttons24.h, buttons25.h, buttons26.h, buttons3.h, buttons31.h, buttons33.h, buttons34.h, buttons36.h, buttons38.h, buttons39.h, buttons4.h, buttons40.h, buttons41.h, buttons42.h, buttons43.h, buttons44.h, buttons45.h, buttons46.h, buttons47.h, buttons49.h, buttons5.h, buttons50.h, buttons52.h, buttons53.h, buttons55.h, buttons58.h, buttons6.h, buttons60.h, buttons62.h, buttons66.h, buttons67.h, buttons68.h, buttons71.h, buttons73.h, buttons75.h, buttons76.h, buttons77.h, buttons78.h, buttons79.h, buttons8.h, buttons81.h, buttons900.h, buttons901.h, buttons905.h, buttons906.h, buttons907.h, buttons908.h, buttons909.h, buttons910.h, buttons913.h, buttons_begin.h, buttons_end.h, buttons_end_hyp.h, js_functions.h

8-Bit Characters Display in Email from Kept List

Previously in the e-Library, 8-bit characters (such as diacritics) from the list of Kept items were not translated correctly when the list of Kept items was emailed.

Now these 8-bit characters are translated correctly.

In addition, since graphical email clients that can support 8-bit characters are prevalent, the previous practice of converting 8-bit characters into * characters has been removed from the e-Library.
**Note:** This enhancement requires that the receiving email client be set up to use the same character set as the library's WebCat. If the receiving email client and WebCat use different character sets, 8-bit characters will not display correctly.

**Date Type May Be Defined**

Three new environment parameters in the e-Library may be used to allow users to define a date format for their session or to define a default date type.

The DATE_TYPE parameter defines the default date type. Valid values are American style, European style, Asian style, and Hijri style.

The CHANGE_DATE_TYPE parameter determines whether users will be given the option to change the date format used in their session. The default value is 0 (No).

The WEBCAT_DATE_TYPE parameter is used to limit the choices of date types to be offered to the user if the CHANGE_DATE_TYPE is enabled.

**DataStream Content Now Configurable for Libraries in Consortia**

e-Library DataStream enrichment content can now be configured for each library in a consortium. The e-Library administrator determines how content is displayed through e-Library environment parameters.

A set of environment variables have been added to the files ibistro.env, ilink.env, and k12.env to allow the system administrator to turn content on and off. The format of the variable is as follows.

**Example: Excluding a Content Type from a Library**

The EDSEL library of the STUDEBAKER Consortium does not want to display book summaries in their iBistro system. To accomplish this, the Unicorn administrator creates a /Unicorn/Webcat/Config/envn[n].env file that matches the policy number of the Environment policy used for the Edsel library. In this example, that file would be envn2.env.

Next, the Unicorn administrator would copy the DISP_CONTENT_SUMMARY parameter from the ibistro.env file and set its value to zero as follows.

By defining separate environment files for each library in the consortium, individual types of DataStream content can be enabled or disabled for each library.

**Note:** Enabling or disabling content types through e-library environment parameters is functional only for content to which the consortium subscribes.

**Note:** Basic DataStream enrichment content is enabled by default while premium content is disabled by default.
e-Library custom pages affected: datacode.h, web.h, ibistro.env, ilink.env, k12.env, 16.pg, 17.pg, 22.pg, 4.pg, 42.pg, 5.pg, 55.pg, 81.pg, view_enrichments.h, zhitlist.h, 17_item_services.h, 4_module_hitlist.h, 55_item_services.h, 5_item_services.h, disc_enrich.h, one_enrich.h, view_enrichments.h, view_item_info.h, viewtop.h, zhitlist.h

Browse Index Identified in Search Results

When a Browse or term search (Quick Search) is done in the e-Library, the Search Results page now identifies the browse index used to produce the results.

Note: This enhancement does not apply to browse pages produced when search results indicate that the searched for item is not found in the library catalog.

e-Library custom pages affected: brwstop.h, browse_top.h

Hot Sites Archived List Available

The e-Library originally included an available, extensive listing of verified Web sites for libraries to use in Hot Sites. Recently, this available listing of Web sites was removed from Hot Sites, allowing libraries to configure their own choices in Web Resources. With this change, an archived listing of Web sites is made available for use in Hot Sites on the e-Library on a conditional basis. This feature is delivered Off by default, as follows in the file ibistro.env.

    # display link in Hot Sites box going to Web Resources category searches page
    IBISTRO_WEBRESOURCES_CONFIG|0|
    # Web Resources Search Categories -- 2000.pg
    # display the Hot Sites Archive choice
    HOT_SITES_ARCHIVE_CONFIG|1|
    WEBRESOURCES_LIST_LABEL|${web_resources}|
    WEBRESOURCES_LIST_DESC|${web_resources_desc}|

e-Library custom pages affected: ibistro.env, 2000.pg, hotsites.h, 3.pg

Spanish Language Best Seller Lists Added to e-Library

Three new weekly Spanish Best Seller lists are now available in the e-Library for Basic DataStream subscribers

- El Universal Online (México) lists 10 best selling titles, both fiction and non-fiction (UNIVERMEX).
- El Mundo Ficción (Spain) lists 5 best selling fiction titles (MUNDOFIC).
- El Mundo No Ficción (Spain) lists 5 best selling nonfiction titles (MUNDONF).

The files best_seller.pol and best_sellers_list.pol now contain the UNIVERMEX, MUNDOFIC, and MUNDONF Best Seller lists as policy number 82, 83, and 84, respectively.
Libraries who wish patrons to see these lists must modify the
/Unicorn/Config/best_sellers_list_cfg.pol file list entries to contain the list
number in the appropriate list policy, as follows.

BEST_SALES_LIST_CFG|1|BEST_SELL|Best Sellers Lists to dis-
play|83,84,82,7,6,3,1,2,4,5,81|

**Spanish Language Recommended Reading Lists Added to e-Library**

Four new Recommended Reading lists are now delivered as part of the e-Library
Basic DataStream subscription.

- Américas Award for Children's and Young Adult Literature (AMERICAS)
- Latino Book Awards: Childrens (LBACHILD)
- Latino Book Awards: Fiction (LBAFICTION)
- Latino Book Awards: Nonfiction (LBAONFIC)

The prizes for these lists are awarded annually.

The files rec_reading.pol and rec_reading_list.pol now contain the AMERICAS,
LBACHILD, LBAFICTION, and LBAONFIC Recommended Reading lists as
policy numbers 80, 81, 82, and 83, respectively.

Libraries who wish patrons to see these lists must modify the
/Unicorn/Config/rec_reading_lists_cfg.pol file list entries to contain the list
number in the appropriate list policy, as follows.

REC_READING_LISTS_CFG|1|REC_READ|Recommended Reading Lists to dis-
play|80,81,71,72,73,74,75,82,83|

**Update iBistro Content Data Report Updated for Oracle Sites**

e-Library sites using Oracle to manage Datastream subscription information
can now use a modified Update iBistro Content Data (Updibistrodata) report
that looks for the file /Unicorn/Custom/schema.owner to determine the owner
of the Unicorn tables used in the report. If the schema.owner file is not present
the report uses the default owner of sirsi.

Sites that use the sirsi default do not need to create a schema.owner file. The file
schema.owner should include owner information in the following format.

owner|logon|database_name

**Example:**

If the default owner sirsi is used, the Oracle SQL statements refer to the table sirsi.enrichment
rather than enrichment. If the schema.owner file sets the owner to lola, the Oracle SQL state-
ments refer to the table lola.enrichment.

Previously, Oracle sites at which the owner of the Unicorn tables was not Sirsi
were unable to update their Datastream content.
Bibliography View Option Available on Kept Page

A new Bibliography view has been added to the e-Library's Kept page options.

Example:

To enable the new option, set the ibistro.env or k12.env CAPOPT_ENTRYLIST_BIB environment parameter to 1.

Note: The Bibliography view option is not available in WebCat.

e-Library custom pages affected: 10.pg, ibistro.env, k12.env

Corrections

Reserve Search Results Display Enhanced

Previously in the e-Library, when Reserve Search Results of more than 20 items were displayed for an instructor or course browse, the hit list included items numbered 1 through 20, with a Next button. However, when Next was selected, the resulting hit list was numbered 1 through 20 again instead of 21 through 40.

The problem occurs because the hit list reflects the Search Results of a browse rather than a search; therefore, the numbers are meaningless. Now, when Reserve Search Results display, the resulting hit list does not include numbering.

e-Library custom pages affected: 22.pg

Diacritics Display Correctly in Non-Unicorn Server Searches

Previously in the e-Library running on Windows server systems with Apache version 2, when a search term in a hypertext link to items in the catalog included diacritics (8-bit hex codes), a system message displayed.

Now search terms in hypertext links that include diacritics return correct results. For sites running Apache Version 2, the environment parameter CVT should be modified as follows.

CVT |||

e-Library custom pages affected: ibistro.env

NoveList Configuration Changes

Previously in the ibistro.env, ilink.env, and k12.env files, the NoveList environment variables included an example of the format for configuring a library's login information. This example included the following information.

NOVELIST_URL_LIBRARY|http://search.epnet.com/login.asp?|
NOVELIST_LOGIN|username=*| # Library-assigned account ID
The format for these environment variable values has changed, so the example in the environment files has been modified.

NOVELIST_URL_LIBRARY|http://search.epnet.com/userlogin.asp?|
NOVELIST_LOGIN|user=*| # Library-assigned account ID

**Note:** Libraries that already have NoveList subscriptions should modify these entries in the appropriate environment files.

e-Library custom pages affected: ibistro.env, ilink.env, k12.env

**Full Recommended Reading and Best Seller Lists Display Correctly**

Previously in the e-Library, when a specific Recommended Reading or Best Seller list contained more than five entries, the More button linked to a list different from the one initially displayed.

Now the correct Recommended Reading or Best Seller list displays when the More button is selected.

e-Library custom pages affected: 2008.pg

**Bulletin List Pages Display Correctly**

Previously in the e-Library, bulletin type lists such as those in Library Info included the following system message.

Dj not defined

Now bulletin lists display correctly without the system message.

e-Library custom pages affected: 4.pg, 5.pg, 17.pg, 5_item_services.h

**Custom Buttons Toggle in Rootbar**

Previously in the e-Library, when custom buttons for bulletin-type elements were created for the rootbar, the button on the rootbar did not toggle to indicate the current selection.

Now custom bulletin-type buttons display correctly in the rootbar.

**Library Info Gateway Elements Display Correctly**

Previously in the e-Library, when gateway elements for Library Info were modified in both the InfoVIEW and WorkFlows clients, some of the elements ceased to display. When child elements were created using InfoVIEW, the resulting element numbers were sometimes larger than the numbers of the parent elements, thus causing hierarchy inconsistencies.

Now all gateway elements in Library Info display.
Call Number Sort in Print/Capture

Previously in the e-Library on a multilibrary system, when the items in a hitlist were sorted for print/capture, the list did not sort in the requested call number order, regardless of whether a library was selected or not, if an item in the list was present at more than one library.

This has been corrected so that call number sorting is accurate when a library is also selected.

Sorting Corrected for Quick Search and Removed from Have You Read

Previously in the e-Library, when the Sort By field was changed for a Quick Search, there was no effect on the resulting hit list. In addition, changing the Sort By field in the Have You Read has no effect on the hit list.

For the Quick Search, a hidden duplicate setting always overrode the visible setting changed by the patron. The duplicate value has been deleted.

For Have You Read, the Sort By field cannot be made functional, so it has been removed.

e-Library custom pages affected: search_icons.h, hiddensearch.h, 4.pg, buttons4.h

Holdings Display Now Includes Items with Intermediate Reserve Status

Previously in the e-Library, items with a reserve status of Flagged For Reserve, Kept at Reserve Desk, or Pickup For Reserve were incorrectly considered unavailable when holdings summaries were displayed in Search Results.

Now the Search Results include items in the holdings display with statuses of Flagged for Reserve, Kept at Reserve Desk, and Pickup for Reserve. Items become unavailable for general circulation only if they are actually on reserve with a status of On Reserve.

Search Limit Option Display Updated

Previously in the e-Library, the search limit options did not display on the Search Results page. Two <form> tags were present in the HTML code in the search_single.h file with only a single </form> closing tag, causing the file search_options.h to be called incorrectly.

Now the search limit options display correctly on the Search Results page. The extraneous <form> tag has been moved from the file search_single.h to the file 3_search.h so that one form is created for both the 3.pg file and the 4.pg file, and so that the file srch_options.h, which controls the search limit options display, is called correctly on the Search Results page.

e-Library custom pages affected: 3_search.h, search_single.h
Single Library Search Limit Option Display Updated

Previously in the e-Library on a single library system, search limits were not displaying on the Power Search page.

Now search limits are displayed on a Power Search page accessed via the e-Library on a single library system.

e-Library custom pages affected: srch_options.h

Diacritics Display with e-Library Print/View

Previously in the e-Library, diacritics were not printing on remote systems when Print or View was selected.

Now diacritics display for Print or View on remote e-Library systems.

Icons Display Correctly in Search Results

Previously in the e-Library, icons were not displaying correctly if a search was conducted, then a limited search was done on a category from the Search Results page, and then the patron returned to the original Search Results.

Now icons display correctly when patrons move between search and advanced search options.

e-Library custom pages affected: cgiopac.h, web.h

Category Display Corrected for Browse Search

Previously in the e-Library, when a new Browse Search was conducted after viewing You Found Titles in Categories Search Results, the new Search Results category retained the category from the You Found Titles in Categories Search Results.

Now the appropriate category displays in the new Search Results. Variables are now reset when the Browse Search area is accessed.

Kept Items Include Items with No Holdings

Previously in the e-Library, patrons were not allowed to mark items to Keep if the Allow Attached Copies attribute of the format policy for the selected title was not set to No.

Now, patrons can mark items to Keep regardless of the Allow Attached Copies setting in the Format policy.

e-Library custom pages affected: 4.pg, viewtop.h, 4_module_hitlist.h, 5_item_services.h
Searches with Search Icon Presentation Now Function

Previously in the e-Library, when the default QUICK_SEARCH gateway element was set to use search icon presentation without radio buttons, any e-Library search resulted in the following system message.

Invalid Search Type Selection

Now searches function correctly when the default QUICK_SEARCH gateway element is set to use the search icon presentation without radio buttons.

e-Library custom pages affected: query_type.h, search_icons.h

Bulletin Type Elements Display Correctly

Previously in the e-Library on SCO Unix systems, internal server errors were caused when bulletin type elements such as Library Info were included on the e-Library rootbar.

Now the e-Library functions correctly when bulletin type elements are included in the rootbar.

Search Title Display Updated for Multi-Language Sites

Previously in the e-Library utilizing multiple languages, if neither descriptions nor headings were used for Search titles, the gateway element name for QUICK_SEARCH, ADVANCED_SEARCH, CALL_NUMBER, and BROWSE was used as the title. However, the gateway element name is hard-coded in English and doesn't change when the patron toggles between languages.

Now if a Search title uses a description or heading, the title displays, but if neither is present, there is no title display.

e-Library custom pages affected: 3_module_search.h, 15.pg

Holdings Message Displays Correctly

Previously in the e-Library, when all copies of a title were checked out or otherwise unavailable, the Search Results hitlist displayed no explanatory message. However, information similar to the following message should have appeared.

No copies available. (Estimated wait is 6 days.)

Now the appropriate message displays in the Search Results hitlist when all copies of a title are unavailable. Information from a version of the file 4.pg was added to the file 4_module_hitlist.h.

e-Library custom pages affected: 4_module_hitlist.h

Alternate Idea Functions Correctly in Place Hold Form

Previously in the e-Library, JavaScript errors occurred when an Alternate ID (Alt ID) was used without a User ID in the Place Hold form. The focus of the form was set to User ID even when a user ID was not present.
Now Alt ID’s function correctly in the Place Hold form. Conditional logic was added to set the focus to User ID when one is present or to Alt ID when a user ID is not present and an alternate ID is present.

e-Library custom pages affected: 36.pg, 71.pg

Optional User IDs and Item IDs Lost when Requests Created in iBistro

If the user ID or item ID was supplied, but not required while creating a request in iBistro, this information was lost as the request was created. Because this information was optional, the data was not saved as the request was created. This has been corrected.

MARC Record Column of Indicators Aligns Correctly for Kept View

Previously in the e-Library, when a Kept record was selected for viewing as Unformatted, the indicators did not align correctly from tag to tag.

Spaces are not preserved in HTML formatting, causing the column of indicators to display incorrectly.

Now the column of indicators aligns correctly.

e-Library custom pages affected: view_march, 5.pg, 17.pg, 55.pg

Recommended Reading Information Displays Correctly for all Copies of a Title

Previously in the e-Library, Recommended Reading Details information about one copy of a title was displaying for all copies of a title. This could cause the copy count to seem incorrect.

Now the Details information for a title in Recommended Reading displays correctly.

Unable to Create Requisition Requests

Previously, users were not able to create Recommend to Order or Requisition Additional Copies requests in the e-Library. When attempting to create these types of requests, the following message appeared.

#KaRequired field missingrequest VED entry

The request messages were then created, but with empty fields. This has been corrected.

Library Info Display Based on User Access

Previously in the e-Library, elements of the Library Info group (LIB_INFO) were displaying regardless of the user access of the patron or staff user.

Now elements in Library Info display correctly according to the user access.

**New Search on Cross-References Page Transfers Patron to Search/Home**

Previously in the e-Library, when a patron selected New Search from a page with a listing of cross references (8.pg), the following system message displayed.

*No active connections.*

The URL for the New Search button link in the file buttons8.h was not configured correctly.

Now when a patron selects New Search from a listing of cross references, the Search/Home page displays.

e-Library custom pages affected: buttons8.h

**Search Results Display for Unavailable Items Improved**

Previously in the e-Library, when Search Results displayed for an item that was unavailable, the resulting hit list included random title and author information not related to the search.

Now Search Results for an item that is unavailable does not include any random title and author information.

e-Library custom pages affected: 4_module_hitlist.h

**Quick Search Library No Longer Displays Blank Value**

Previously in the e-Library, the Quick Search Library default displayed as a series of equal signs rather than a library name. The e-Library was not picking up the setting from the environment variable SEARCH_LIBRARY.

Now the Quick Search Library default displays the library name set in the environment variable SEARCH_LIBRARY.

e-Library custom pages affected: search_single.h

**Remove Checked Titles Defaults to No Titles Selected**

Previously in the e-Library, when the Remove Checked Titles function was used for Kept titles and no items had been checked, all of the items in the list were removed.

Now Remove Checked Titles does not remove any items if none are checked.

**Kept View, Print, and Email Work on Remote Systems**

Previous Kept enhancements to the e-Library did not take into account the effect on the View, Print, or Email features of the Kept page in remote iBistro
and iLink systems. Attempting to view, print, or email items from the Kept list resulted in blank or incorrect results being sent from the e-Library.

The enhanced Kept functionality allowed the Kept list to be retained through the life of an e-Library session so that items from different searches could be grouped together. This was accomplished by the retention of catalog keys for the items marked for keeping in a .ckey file, which is named based on the Unicorn station number assigned to the session. However, remote e-Library station numbers did not always match session numbers, causing the catalog keys for items marked for keeping to be put into the wrong .ckey file.

This has been corrected and now View, Print, and Email work correctly in the e-Library running on a remote system.

Note: Be sure to halt and run WebCat on the remote system and netserver on the Unicorn server after upgrading.

e-Library custom pages affected: cmdcode.h, web.h

Hold Icon Suppressed When Patron Holds Not Allowed

Previously in the e-Library in the Item Information area on the Single Item View page, a hold icon displayed even when the library did not allow patrons to place holds.

Now the hold icon does not display in the Single Item View page if the USE_HOLD_ICON environment parameter is set to zero.

Library Search Qualifier No Longer Displays When Hidden

Previously in the e-Library, when the Library search qualifier was hidden by default, the Library box still displayed.

Now the Library box is hidden when the Library search qualifier is hidden by default.

e-Library custom pages affected: search_single.h

Obsolete Preferences Button Information Removed from e-Library

Obsolete code for user display preferences has been removed from the e-Library files buttons_end.h and buttons_end_hyp.h.

e-Library custom pages affected: buttons_end.h, buttons_end_hyp.h

Tell Me When Buttons Display for Serial Format Titles

Previously in the e-Library, serial format title displays did not offer the author or subject Tell Me When buttons, even when subjects were present in the title record.

Now the serial format title displays offer author or subject Tell Me When buttons when required.
Customized Search Qualifiers in Search Again Display Correctly

Previously in the e-Library, customized search qualifier lists not used in a search query had no values and no default in Search Again on the Search Results page. In addition, if any of the custom list values included spaces, the display of the list stopped at the first space.

Now Search Again on the Search Results page displays the correct information for customized search qualifier lists. The instances of customized lists in the ibistro.env file should be modified so that the entire custom string is enclosed in double-quotes, as follows.

```
SOPT_CUSTOMITEMTYPE|"ANY:$[any:u],BOOK:Book,BOUNDPER:Magazines and Periodicals"
```

Locally Defined Help Display Updated

Previously in the e-Library, locally defined help assigned to gateway elements was displayed in a separate browser window in the same way that e-Library online help was displayed. However, when Go Back was clicked on the main e-Library window, the locally defined help displayed in the main browser window instead of the previous e-Library page.

Now locally defined help displays in the main window instead of a separate browser window.

This change affects only pages with content derived from a gateway element, as follows.

- buttons1.h (gateway group display)
- buttons15.h (call number search/browse)
- buttons19.h (reserve search/browse)
- buttons3.h (catalog search)
- buttons33.h (request list)
- buttons34.h (place request)
buttons38.h (Z39.50 search)
buttons50.h (pin/password change)
buttons900.h (archive search)
buttons901.h (archive hierarchy)

Single Item View Now Includes Options for Other Types of Searches

Previously in the e-Library, the Single Item View page did not include options for other types of searches in the Search for Items In selection.

Now the e-Library Single Item View page includes options for other types of searches.

e-Library custom pages affected: 5_item_services.h

Bibliography Function on Windows NT Platform Updated

Previously on the e-Library Kept page on the Windows NT platform, the following system message displayed when the View or Print features were used and the Bibliography Print format was used.

Error producing search results.

Now View and Print on the Kept page display the correct information.

Sort By on Power Search Page Functions Correctly

Previously in the e-Library, the Sort By option on the Power Search page was not functioning correctly. When the environment variable USE_SOFT_SORT_BY was set to 0, hidden information inserted into the Power Search page code caused the Search Results to display based on Sort By information, even when no such selection was made by a patron.

Now the Sort By option functions correctly on the Power Search page.

e-Library custom pages affected: srch_options.h

Display Environment Variables Moved to e-Library Environment Files

Previously in the e-Library, some display environment variables set in the /Unicorn/Webcat/Config/sdls_params file were conflicting with environment variables set in the system.env file or the e-Library environment files (ibistro.env, webcat.env, ilink.env, or k12.env). The following screen display variables were set in the sdls_params file.

- DISPRSVCIRCRL display the Circulation rule on the Single Item Reserve View page.
DISPCCLASSONLY controls the display of the classification portion of a call number without analytic.

DISPFULLCALL controls the display of the full call number with analytic.

HIDEUSERID hides the text of the user ID on the hold confirmation page.

USERESCOL displays the Reserve Desk as a search choice and in reserve display information.

USERSVBOOKING displays the Booking button on the Single Item Reserve View page.

USEVIEWDUEDATE displays the due date and is only referenced if SUMMARY_HOLDINGS is set to 0.

USEVIEWHOLDS displays the number of holds and is only referenced if SUMMARY_HOLDINGS is set to 0.

These variables were referenced in the e-Library after the system.env variables were referenced and so superseded them in many cases.

Now the display environment variables referenced from the sdlis_params file come from the appropriate environment files instead. Libraries currently using the obsolete variables in the sdlis_params file to control the appearance of the e-Library should make sure that these display variables come from the correct environment variable file.

In addition, the following parameters have been removed from the file sdlis_params that do not have corresponding variables in the e-Library environment files.

- USEDOWNLOAD
- USEEMAIL
- USEPRINTRESULTS

Search Results Page Jumps Updated

Previously in the e-Library, if the environment variable NUM_SEARCH_HITS in the system.env file was set to a value over twenty, the jump-to-page links at the bottom of the Search Results were broken into units of twenty rather than into the value set for NUM_SEARCH_HITS.

Example:

If the NUM_SEARCH_HITS variable is set to 30, and the Search Results included 48 items, the following page links should be available at the bottom of the page.

Pages << 1 2 >>

However, since the page links at the bottom of the page were divided into units of twenty, the following page links were displaying at the bottom of the page.

Pages << 1 2 3 >>
A previous change enhanced the e-Library to allow configuration of the number of displayed hits on the Search Results page. This enhancement did not take into account the variable NUM_SEARCH_HITS.

Now, if the environment variable NUM_SEARCH_HITS in the system.env file is set to a value over twenty, the jump-to-page links at the bottom of the Search Results are broken into units corresponding to the value set for NUM_SEARCH_HITS. In addition, if the number of hits in the Search Results is equal to or less than the value of NUM_SEARCH_HITS, the page links at the bottom of the Search Results do not display. Information in the file 4.pg that automatically broke the jump-to-page links into units of twenty was removed.

e-Library custom pages affected: 4.pg

856 Tags Converted to Links in Reserve Single Item View

Previously in the e-Library, the 856 tag was not being converted as a link on the Reserve Single Item View page.

Now the 856 tag is converted as a link on the Reserve Single Item View page.

e-Library custom pages affected: view_march

Links on the Catalog Hitlist Page Display Properly

Previously in the e-Library, the catalog hitlist page 4_module_hitlist.h suppressed the display of the 856 link, the Hyperion link, and relevancy ranking. Logic from the include file that creates 4_module_hitlist.h was suppressing this information in addition to enrichment icons on the same row.

Now the catalog hitlist page displays the 856 link, the Hyperion link, and relevancy ranking. The following information in the include file that creates 4_module_hitlist.h was moved so that it only applies to the enrichment icons in the row.

e-Library custom pages affected: 4_module_hitlist.h

Holdings Information Displays Correctly

Previously in the e-Library, holdings information was missing from some titles in the Search Results.

Now holdings information displays correctly in the Search Results.

Search Service Link Formatting Displays Correctly

Previously in the e-Library, if no additional search service links (such as Try These Too) were configured, the border and box that housed these links still displayed.

Now none of the search service link information displays when these links are not configured.
Login Area Displays Correctly

Previously in the e-Library, when the environment variable for login display was turned off (USE_LOGIN was set to 0), the My Profile login area continued to appear.

Now the login area does not display if the USE_LOGIN variable is set to 0.

Holds Option for Titles with 0 Copies Attached to First Call Number

Previously in the e-Library, titles with zero copies attached to the first call number for the title did not give patrons the option of placing holds on the title. However, as long as holdable copies of a title are attached to the title, patrons should have the option of placing holds, regardless of the number of copies attached to the first call number.

Now, the e-Library gives patrons the option of placing holds on titles with zero copies attached to the first call number for the title. On the Single Item View page (viewtop.h), the Holdings summary statement indicates that there are copies, but that none are available, and the Hold icon displays.

UnicornECOLE

Search History Now Available

A Search History has been added to e-Library. When a search is sent, the information is added to a Search History list that is retained for the duration of the current e-Library session.

If there is at least one search in the history, a new Previous Searches menu displays under the search term field on the Search page.

Note: Only searches made from icon type or single field type searches are placed on the Search History. The Previous Searches menu only displays on the single field search form e-Library startup page.

Each entry in the Previous Searched menu is formatted as follows.

   type of search:search term

When one of the list entries is selected, the search type field, search term field, and library field are populated with the values from the recalled search. The user can then re-send the current field values or change the field values and send the new search.

Note: If the language is changed during a session, the Search History is cleared because a previous search would not work in a different language.
Note: The Search History feature is disabled by default. USE_SEARCH_HISTORY must be set to 1 in the system.env file to enable the Search History feature.

iBistro custom pages affected: search_single.h, system.env

Corrections

Sort By Functions Correctly in the e-Library

Previously in the e-Library on Ecole, clicking the Sort By button on the Search Results page yielded the following system message.

[P]Missing file error, line 451: K12/hiddensearch.h

Now the Sort By button functions correctly in the e-Library on UnicornECOLE. The file hiddensearch.h is now referenced correctly in the file 4.pg.

iBistro custom pages affected: 4.pg, hiddensearch.h

Sort By Qualifier for Search Again Displays Appropriate Search Results

Previously in the e-Library on UnicornECOLE, saved session variables were being ignored when the Search Results were being resorted during Search Again, causing the following search errors.

• From the Search Results displayed after a Quick Search, using the Sort By option during Search Again caused the e-Library to reissue the search qualified by the sort key instead of the original search type.

• From the Search Results displayed after a Power Search, using the Sort By option during Search Again caused the e-Library to ignore the original search terms and display the following system message.

    You haven't entered any search items.

Now using the Sort By option during Search Again causes the display of appropriate Search Results.

iBistro custom files affected: hiddensearch.h, 4.pg

Shadowed Item Search Results Display Modified

Previously in the e-Library on UnicornECOLE for multi-library systems, when a search is qualified by Library and the only copy of an item owned by that library is shadowed, the Search Results included the following system message.

    Unavailable for display.

However, if only the Single Item View page displayed, the holdings area included the following information.

    Volume not found in library.
Now when a search is qualified by Library and the only copy of an item owned by that library is shadowed, the Search Results include title and author information along with the following message.

Volume not found in library.

If the library qualified search displays only the Single Item View page and not a listing of Search Results, no title or author information is displayed and the system message displays, as follows.

Unavailable for display.

The file k12.env now includes the following information.

# multilibrary systems only: when a library-qualified search finds 2 or # more titles, and one title's only copies in specified library are ALL # shadowed, setting this flag to 1 allows title/author info to appear on # hits list with an UNVIEW button, and displays COPYSTAT_NONE_EXIST_LIBR # message instead of MN 434 (Unavailable for display). VIEWHITS_UNAVAILABLE|1|

e-Library custom pages affected: k12.env, 4.pg, hiddensearch.pg, copyright.h

Item Type Icons Display Correctly on Search Results Page

Previously when the e-Library accessed a record with no copies using the Microsoft Internet Explorer browser, a broken icon displayed on the Search Results page when the item type icon variable DISP_ITYPICON was set to 1 in the system.env file. The conditional that surrounded the display of item type icons on the Search Results page only checked for the DISP_ITYPICON flag. When a title or call number had no copies, the conditional generated code to display an image named .gif, which was not available.

Now item type icons display correctly on the Search Results page when there are no copies associated to a title or call number.

e-Library custom pages affected: 4.pg

Estimated Wait Information Displays Correctly

Previously in the Bestseller List page (81.pg) and the Recommended Reading List page (rereadlist2.cmd), estimated wait information was displaying when the variable HIDE_EST_WAIT was set to 1.

Now the Bestseller List page (81.pg) and the Recommended Reading List page (rereadlist2.cmd) display estimated wait information correctly.

e-Library custom pages affected: 81.pg, rereadlist2.cmd

Bulletin List Gateway Search Displays Correctly

Previously in the e-Library, when a Bulletin List type gateway element (such as Library Hours) is accessed from Search Results or Single Item View, the following search summary errors occur.

- If the original search was limited by a Library of Congress classification cat-
egory, the bulletin search summary includes the original catalog search classification qualification message.

- If the bulletin search is limited by a Library of Congress classification category, the Search Results shows the original catalog search summary message.

The search summary and category messages are displayed based on the presence of session variables that remember the selected search strategy and category. In this case, these variables were defaulted into the Bulletin List search request, causing the information to display at inappropriate times.

Now, accessing Bulletin List type gateway elements from Search Results or Single Item View results in the appropriate search summary display. The CGI_BULLETIN environment variable was changed to eliminate the previous search strategy and Library of Congress category when the Bulletin List search request is sent.

**Reading Program Search Display Corrected**

Previously under the Reading Program tab, searches would find no matching records or the search results display would run into other screen areas or display in unexpected places as a purchase decision. Now, due to adjustments to several files that power the Reading Program search, results display properly.

After upgrading, the Library System Administrator should check that the Reading Program and Purchase Decision results display correctly by checking the keyword index entries for the 526 and the 596 fields. Policies using these fields may need to be adjusted as follows.

- The 526 entry should be indexed in its entirety instead of just subfield a. Subfields a, c, and d should be included in the display variations.
- The 595 entry should not have a keyword index variation, nor should it be in the display variations.
EDI

General

Enhancements

New FTP Routines Added to Support X12 Transactions With Brodart Company

The ftpsend and ftpreceive routines have been added to support X12 transactions with Brodart Company for acquisitions, ordering, and invoicing through Electronic Data Interchange (EDI). Libraries using Unicorn will be able to electronically order, invoice, and receive books and other materials from Brodart Company using X12 ordering.

Two new FTP routines have been created for X12 transactions with Brodart Company.

- The ftpsendbrodart routine sends the X12 transactions to Brodart Company.
- The ftpreceivebrodart routine receives the X12 transactions from Brodart Company.

To use these FTP routines, enter the following information in XFER_SCR and RCPT_SCR fields in the Brodart vendor record.

XFER_SCR: ftpsendbrodart
RCPT_SCR: ftpreceivebrodart

Corrections

Diacritics Were Output in EDI Messages

Previously, the EDI scripts output diacritics in the EDI messages. The X12 3060 character set does not support extended characters, including diacritics. As a result, vendors were rejecting EDI messages that included the diacritics. Now, EDI scripts translate ANSEL characters to the X12 character set, thus filtering diacritics from the EDI messages.

EDI Message Segments Contain Wrong Terminator—Unicorn for Windows Servers Only

On Unicorn for Windows Servers systems, the EDI scripts output X12 message segments terminated with CR/LF rather than LF. Changes were made to the EDI scripts for Windows servers so that the operating system would not change the X12 segment terminator.
EDI BISAC Now Checks for ISBN and Vendor Catalog Number

Previously, the EDI BISAC scripts did not check for missing ISBNs or vendor catalog numbers in book orders. Now, users will see a message similar to the following when both fields are empty (contain no data).

Missing ISBN and vendor catalog number: PO-19; line number: 1

The message includes the purchase order and line number, so the user can easily find the orderline and supply the missing data.

EDI SISAC Now Checks for ISSN and Vendor Catalog Number

The EDI SISAC scripts previously did not check for missing ISSNs or vendor catalog numbers in serial orders. Users will now see a message similar to the following when both fields are empty (contain no data).

Missing ISSN and vendor catalog number: PO-25; line number: 7

The message includes the purchase order and line number, so the user can easily find the orderline and supply the missing data.

EDI File Reports Use Passive Security When Transmitting or Receiving Data Behind a Firewall

The EDI File Transmission (Edisend) report and the EDI File Retrieval Via FTP (Ediretrieveftp) report would end without transferring any data because the system sending and receiving data was behind a firewall. Commands such as ls, put, and get would fail because the firewall prevents active security.

The reports have been changed to use passive security in the FTP session if the system sending and receiving data is behind a firewall.

EDI Report Programs Not Sending or Receiving Orders or Invoices

Previously, the report programs that process EDI transactions were not sending or receiving all waiting orders and invoices. Waiting orders and invoices are updated with a DateSent of 199911300000, which is translated into zero (or not sent) in WorkFlows. This DateSent value kept the EDI transactions from being sent or received.

Now, the EDI report programs have been modified to select orders and invoices with a DateSent of 199911300000 as well as 000000000000 for processing.

Book X12 Invoices and Serial X12 Invoices not Processing Invoices

Previously, the Book X12 Invoices and Serial X12 Invoices reports would not load invoices that had been received. Both reports look for the value 000000000000 (or NEVER) in the DateSent field in the list of EDI transactions to process. If the EDI Manager Utility wizard was used previously to view the transaction list, WorkFlows displayed the value 11/30/1999,00:00 for this field (which is the earliest transaction date WorkFlows displays), and reset the value in the transaction list to 199911300000. This caused the EDI messages not to be sent and the invoices not to be processed.
This has been corrected. Now the EDI report programs look for the values 000000000000 and 199911300000 in the Date Sent field to determine which EDI transactions to process.

**EDI Invoicing Corrected**

Previously, if an EDI vendor sent back an invoice and put the SAC segments (charges such as shipping, handling, or discounts) and TXI (taxes) segments at the detail level, the TDS (total invoice amount) segments were ignored by the Unicorn EDI receive invoice programs. TDS segments are necessary to complete an invoice. The Book X12 Invoices and Serial X12 Invoices reports that use these programs could not process the invoices.

The X12 standard allows for SAC and/or TXI segments to appear both at the detail level (before the TDS) and at the summary level (after the TDS). Now, the EDI receive invoice programs have been corrected so that they process segments in the order specified in the invoice map sent from the EDI vendor.

**“Communication Failure” Message No Longer Displays When Serials X12 Invoices Report Runs**

When the Serials X12 Invoices (Serinvoicex12) report was run, it would often fail and display the following message.

```
Communication failure
```

The Serials X12 Invoices report has been changed so the message no longer displays, and the report finishes successfully.

**Lowercase X Check Digit in ISBN Not Recognized by Book X12 Orders Report**

In some instances, ISBNs will contain a lowercase x in the check digit position. The Book X12 Orders report could not recognize the lowercase x values and, as a result, the EDI purchase orders could not be created. The following message appeared in the report log.

```
Data field is too short (1): [PID:1]
```

The Book X12 Orders report has been corrected. The report now converts the ISBN to uppercase when a lowercase letter or digit is found.

**Special Handling for Blackwell North America Data**

Blackwell uses a unique file naming convention for uploading files to their file server. Now, Unicorn will convert the exported file names if the vendor's EDI address entry for XFER_SCR contains the command: ftpsendblackwell.
Hyperion

General

Enhancements

Image Files Now Received from Remote Systems

Hyperion has been enhanced to allow an image file to be received from a file server running on a remote system. Previously, the image file had to reside in the Hyperion server.

Create and Modify Resource Helpers Modified

When creating or modifying a resource, if the extended metadata fields are not required fields nothing needs to be entered. If, however, the fields are marked as REQUIRED FIELDS but the user does not enter any data, the following system message displays.

Please enter a value for extended metadata fields marked as REQUIRED FIELD.

Corrections

Unavailable for Display Entries Corrected

Previously, when an item was identified as “unavailable for display” on a Hyperion metadata hitlist, the item’s metadata and hierarchy icons were present. If a user clicked either icon, the following message displayed.

#PIRequired field missing.

This has been corrected. Now, when an item is identified as unavailable for display, the icons no longer display in the hitlist and the message cannot be triggered.

Modifying Extended Information Corrected

Previously, when users used the Modify Resource helper and tried to modify a resource’s extended information, a system message would display and the extended information would not modify correctly.

This has been corrected.

Hyperion Correctly Displays Hierarchy

Previously, the Hyperion Client was unable to display the Resource hierarchy because the Hierarchy, File Type, and Orgunit (Resource) policies were not being read correctly.
This has been corrected.

**Searching on Specific Fields Corrected**

Previously, when searching on a specific field, such as Name, Resource ID, or Description, no search hits were found and the following message displayed.

`Query not supported`

The system worked correctly when a search was performed on ALL.

Searching on a specific field has been corrected and the message no longer displays.

**Copy/Paste Helper Corrected**

The Copy and Paste of a resource now results in a fully copied set of extended attributes, matching those of the resource being copied.

When creating an original resource, the TEMPLATE, or subset list of extended attributes is presented to the user, with the capability of adding any attribute within the FULL list, if desirable. Previously, when a resource was copied, the new, or pasted resource would only contain the extended attributes included in the TEMPLATE list, regardless of what was added in creating (or in an edit to) the original.

**Messages In Create And Modify Resource Corrected**

If a required field in Create Resource and Modify Resource was blank, then the client displayed the following message.

`-1`

Now, the client displays the following message.

`Error: required field`

**Blank Extended Information No Longer Accepted**

Previously, the Hyperion staff client permitted blank extended information data to be stored. Now, the client checks whether any extended information value is blank, before sending the transaction. If yes, it displays a message to the user and does not proceed further.

**Policy Names and Descriptions Display Correctly in Pulldown Lists**

In the Default property folder for Hyperion, the pulldown list for Extended Attributes now displays the policy description correctly. Previously, the policy names would display in pulldown lists even if the system was configured to display policy descriptions.
Logging In Using Alternate ID and PIN Corrected

Users can now log into Hyperion using either User ID and PIN or an Alternate ID and PIN. Previously, this worked correctly only when a user logged in via a User ID and PIN. If a user logged in to the Resource Manager wizard using an Alt ID and PIN, the following message displayed.

User not found.

This has been corrected.

Resources With Multiple Images Load Correctly

Previously, if multiple images were being attached to a given resource, the system would corrupt the image filenames and the images would fail to load. For each image that failed to load, the following status was indicated.

BADFILENAME

This has been corrected.

Chinese Searching Corrected in Hyperion

Previously, metadata wasn't searchable at Chinese sites because the metadata wasn't indexed correctly as it was being loaded. This change adds the necessary code to the loading program (archpreupload) to ensure that the Chinese metadata is indexed correctly.

Installation Instructions

After upgrading to Unicorn 2003.1, the administrator at sites using Chinese metadata must run the Rebuild Metadata (Rebldmetadata) report.
Interlibrary Loan

Review ILL Request Wizard

Corrections

Unable to Send Requests to OCLC

Previously, requests could not be sent to OCLC using the Review ILL Request wizard. Users were able to review the requests with a status of NEWILL and view each request. However, an attempt to send a request to OCLC by selecting Submit and clicking Send, would cause WorkFlows to freeze, and no dialog would display stating that the send request transaction was successful.

It was found that the requestor ID sent to OCLC was too long, which caused the send transaction to fail. This has been corrected. Changes have been made to the Review ILL Request wizard to send the library's OCLC login ID (which is a fixed length of three characters) as the requestor ID.

User Access List Missing ILL Review Request Wizard Selection

Previously, the Access List of the User Access policy did not list the new Review ILL Request wizard (ILLREQUESTREVIEW) as a selection. As a result, there was no way to give users access to this wizard in WorkFlows.

This has been corrected.

Review ILL Request Wizard

Corrections

Item Lookup Helper Properties Displaying Wrong Search Options

While modifying the Review ILL Request wizard Item Lookup helper properties, the Preferred Search Index drop-down list displayed Alt ID, Request ID, and User ID, which are incorrect values for an item lookup. If a user selected one of these values, the Item Lookup helper in other wizards (for example, the Check-out wizard) were affected.

The Item Lookup helper properties for the ILL wizards have been corrected.

ILL Requests without Titles Caused Database Errors

If a user created an ILL-type request without a title, and sent the request using the Review ILL Request wizard, the response dialog displayed only the Request ID. When the user clicked OK in this dialog, the following message appeared.
Error reading pdu response

When the Review Request next step button was selected, a VED database error message appeared.

The Review ILL Request wizard has now been corrected to properly handle ILL requests with no titles.
Materials Booking

General
Corrections

Charge Receipt for the Charge Booking Command Displays the Correct Call Number and Item ID for Each Booked Item

When booked items were checked out to a user with the Charge Booking command instead of the Checkout wizard, the charge receipt would display incorrect call number and item ID information. The information for the first item on the receipt would print correctly, but successive items on the receipt would show the call number and item ID for the first item. The charge receipt has been corrected to show the call number and item ID of each booked item that is checked out with the Charge Booking command.

Message Changed for When A Group Booking Does Not Have Enough Resources

If a user tried to book a group of items, and at least one of the items was already checked out to another user for a time period that would overlap when the first user wanted to book the group, the following message displayed.

Unacceptable booking date/time

The message has been changed to display as follows to be more informative of the actual problem, which is that at least one of the items in the group booking is currently checked out, and no more items of the item type are available for the group booking being created.

Not enough resources

Create Booking Wizard
Corrections

Start of Preparation Time Correct When Creating a Booking Following a Closed Date

When an item was booked starting on the day after a library closed date, the start of preparation time was incorrect. Often, the start of the preparation time would be set for the day before the closed date, even though the preparation time might only be minutes in duration. The Create Booking wizard has been changed to correctly calculate the start of the preparation time for a booking that is to begin the day after a library closed date.
Group Bookings Are Created Correctly After a Previous Booking is Charged

If a booked item was checked out using the Charge Booking command, and then the staff member tried to use the Create Booking wizard to create a group booking, the group booking would not be created and the following message displayed.

Unacceptable booking date/time

The Create Booking wizard has been corrected to successfully create a group booking after another booking was previously checked out using the Charge Booking command.

Booking ID Created Correctly When an Item is Unselected for a Group Booking

When a group booking contained more than two items, and if at least one item was unselected on the Booking Confirm window, the assigned job ID was AUTO instead of the unique job ID that was recorded in the booking#file in the Unicorn/Autoids directory.

Example

If an item was unselected from a group booking containing three items, AUTO was listed as the job ID instead of BKG1-12, as was recorded in the booking1 file in the Unicorn/Autoids directory.

The Create Booking wizard has been changed to correctly assign a unique job ID to a group booking when at least one item was unselected in the booking.

Messages No Longer Display When Creating a Group Booking Using Fixed Time Slots

If a group booking was being created using fixed time slots, the following message would display.

booking start date Required field missing

When the OK button was clicked to dismiss the message, the following message displayed.

Variable state cannot be resolved by its name

The Create Booking wizard has been changed to correctly create the group booking using fixed time slots, and the messages no longer display.
Reports

General

Enhancements

List Unused Barcodes Report Implemented

The List Unused Barcodes report assists school libraries that may have an assigned range of bibliographical (title) barcodes to use and need to use all barcodes sequentially within that range. The report lists all unused barcodes, with individual unused barcodes listed separately. Sequential barcodes will be compressed into a range with the number of barcodes in each range displayed next to each range.

The report supports standard 10-14 character numeric barcodes. Any title barcodes in the library that contain non-digits, or that fall outside of the range of barcodes specified by the start and stop range of the report will be ignored.

Order of Output Options Changed, Primary Address of Library User Record Used in Notices Reports

The following enhancements have been made to the Combine Notices output option of some notices reports.

- The Combine Notices output option has been moved below the Count As Notice Sent option.

- The Library Address on Notice option is enabled or disabled depending on the setting of the Combine Notices output option. If the Combine Notices option is set to Yes, the Library Address on Notice option becomes active. If the Combine Notices option is set to No, the Library Address on Notice option is deactivated.

The enhancements for the Combine Notices option affects the following reports.

- Assumed Lost
- Failed Calls
- Generalized Bill Notices
- Hold Overdue Notices
- Overdue Notice
- Recall for Reserve Notices
- Recall Notice on Charged Items
- Reserves Overdue Notices
The following enhancements have been made to the Library Address output option.

- The Library Address option is enabled or disabled depending on the setting of the Library Address on Notice option. If the Library Address on Notice option is set to Yes, the Library Address option is activated. If the Library Address on Notice option is set to No, the Library Address option is deactivated.

- If the Library Address on Notice option is set to Yes, but no address option is selected to the Library Address option, Primary is the default selection used for the Library Address option.

The enhancements to the Library Address output option apply to the following reports.

- Assumed Lost
- Booking Notice
- Bookings With Charges Notice
- Failed Calls
- Generalized Bill Notices
- Hold Overdue Notices
- Hold Pickup Notices
- Instructor Reserve Notices
- Notice for Cancelled Holds
- Notice to Selectors
- Notify Users About Favorites
- Overdue Notice
- Pickup Available Holds Notices
- Print Cancellation Notices
- Print Purchase Orders
- Print Ready Purchase Orders
- Print Specific Purchase Orders
- Recall for Reserve Notices
- Recall Notice on Charged Items
- Reserves Overdue Notices
- Serial Claim Notices
- Set Route Delivery, Skip Date
- Set User Delivery, Skip Date
Next Step Button Added for Finished

A new Next Step button, Display Finished Reports, has been added to the Schedule Confirm screen so that users can proceed directly to the finished reports list after scheduling a new report.

Run Now Button Added to Setup and Schedule New Reports Wizard and Scheduled Reports List Wizard

The Setup and Schedule New Reports wizard and the Scheduled Reports List wizard have been enhanced with the Run Now button that appears on the report creation or modification window. Clicking Run Now schedules the report to run as soon as possible without allowing any scheduling or printing/distribution options to be selected. The Schedule Confirm window appears when the Run Now button is clicked.

This option is useful for creating reports in which the scheduling and distribution option defaults would normally be accepted. In addition, this option is useful for modifying a scheduled report without having to reschedule it.

The Schedule, Save as Template, and Cancel buttons were retained in the wizards. The Run Now button was added to the left of the Schedule button.

Updated Display Report Scheduler Status Helper Message More Accurately Reflects Current Status

The Display Report Scheduler Status helper would display the following message when users with a STAFF user profile selected the helper while an ADMIN user's report was running.

The report scheduler is currently running. There are no reports running.

The message has been changed as follows, to reflect that the reports scheduler is running, and that the STAFF user's reports are waiting for processing.

The report scheduler is currently running. There may be reports running for another owner. Please check back on the status of your reports in a little while.

New Reports Added to Unicorn

Previously only available to UnicornECOLE, several new “My” report groups have been added for all Unicorn sites. Generally, report groups listed on the All tabs are used to gather information at the library system level. Report groups listed on the My tabs are generally used by the individual libraries within a library system.
The following is a list of the new reports listed on the My tabs.
### My Bookings

<table>
<thead>
<tr>
<th>Booking Notice</th>
<th>List Bookings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bookings with Charges Notice</td>
<td>List of Bookings with Charges</td>
</tr>
<tr>
<td>Count Booking Calendars</td>
<td>Packing Lists of Bookings</td>
</tr>
<tr>
<td>Count Bookings</td>
<td>Pull List of Bookings</td>
</tr>
<tr>
<td>List Booking Calendars</td>
<td></td>
</tr>
</tbody>
</table>

### My Circulation

<table>
<thead>
<tr>
<th>Daily Cash Report</th>
<th>List Overdues By Homeroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly Cash Report</td>
<td>List Transits</td>
</tr>
<tr>
<td>Clean Holds Shelf</td>
<td>List User Activity</td>
</tr>
<tr>
<td>Collection Status Report</td>
<td>Users with Items Long Overdue</td>
</tr>
<tr>
<td>Count Transits</td>
<td>List My Users with Bills</td>
</tr>
<tr>
<td>Detailed List of Overdues, Bills</td>
<td>List Users with Checkouts</td>
</tr>
<tr>
<td>Expire Holds</td>
<td>List Users with Obligations</td>
</tr>
<tr>
<td>Homeroom Checkouts By Due Date</td>
<td>List Users with Overdues</td>
</tr>
<tr>
<td>List Bills Paid in Full</td>
<td>Purge Inactive Holds</td>
</tr>
<tr>
<td>List Checkouts By Homeroom</td>
<td>Users with Available Holds</td>
</tr>
<tr>
<td>List Onshelf Items with Holds</td>
<td></td>
</tr>
</tbody>
</table>

### My Copies

<table>
<thead>
<tr>
<th>Count Copies by Current Status</th>
<th>Item Cat2 by Call Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count Copies by Home Location</td>
<td>Item Cat2 Source by Date Created</td>
</tr>
<tr>
<td>Count Copies by Item Cat1</td>
<td>Item Cat2 by Home Loc</td>
</tr>
<tr>
<td>Count Copies by Item Cat2</td>
<td>Item Cat2 by Item Cat1</td>
</tr>
<tr>
<td>Count Copies by Item Type</td>
<td>Item Cat2 by Item Type</td>
</tr>
<tr>
<td>Count Copies by Pub Year</td>
<td>Weed by Item Cat1</td>
</tr>
<tr>
<td>Collection Dev by Checkouts</td>
<td>Weed by Item Type</td>
</tr>
<tr>
<td>Collection Dev by Holds</td>
<td>Weed by Last Date Checked Out</td>
</tr>
<tr>
<td>Collection Dev by Item Cat1</td>
<td>Weed by Publication Year</td>
</tr>
<tr>
<td>Collection Dev by Item Type</td>
<td>Weed By Total Checkouts</td>
</tr>
<tr>
<td>Collection Dev Pub Year Table</td>
<td></td>
</tr>
</tbody>
</table>
### My Inventory

<table>
<thead>
<tr>
<th>Step 3a) Inventory Date BEFORE</th>
<th>Step 5) Missing Copies List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Step 3b) Inventory Date NEVER</td>
<td></td>
</tr>
</tbody>
</table>

### My Notices

<table>
<thead>
<tr>
<th>Combined Overdue/Bill Notices</th>
<th>Notice for Cancelled Holds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Bill Notices</td>
<td>Pickup Available Holds Notices</td>
</tr>
<tr>
<td>Individual Overdue Notices</td>
<td>User Announcement</td>
</tr>
</tbody>
</table>

### My Reserves

<table>
<thead>
<tr>
<th>Count Individual Courses</th>
<th>List Reserve Desk Holds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count Individual Reserves</td>
<td>List Reserves Overdue</td>
</tr>
<tr>
<td>Count Reserve Control Records</td>
<td>Reserve Usage By Call Number</td>
</tr>
<tr>
<td>Instructor Reserve Notices</td>
<td>Reserves Overdue Notices</td>
</tr>
<tr>
<td>List Individual Courses</td>
<td>Reserves Pickup List</td>
</tr>
<tr>
<td>List Individual Reserves</td>
<td>Reserves Pickup List, Update</td>
</tr>
<tr>
<td>List Reserve Control Records</td>
<td>Reserves Reshelving List</td>
</tr>
</tbody>
</table>

### My Statistics

<table>
<thead>
<tr>
<th>Circ Count by Hour</th>
<th>Monthly Circ Count by Item Cat1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Custom Circ Count by Item Cat1</td>
<td>Monthly Circ Count by Item Cat2</td>
</tr>
<tr>
<td>Custom Circ Count by Item Cat2</td>
<td>Monthly Circ Count by Item Type</td>
</tr>
<tr>
<td>Custom Circ Count by Item Type</td>
<td>Monthly Circ Count by Item Loc</td>
</tr>
<tr>
<td>Custom Circ Count by Item Loc</td>
<td>Monthly Circ Count by Profile</td>
</tr>
<tr>
<td>Custom Circ Count by Profile</td>
<td>Monthly Circ Count by User Cat1</td>
</tr>
<tr>
<td>Custom Circ Count by User Cat1</td>
<td>Total Circ Count</td>
</tr>
<tr>
<td>Daily Circ Count by Item Cat1</td>
<td>Weekly Circ Count by Item Cat1</td>
</tr>
<tr>
<td>Daily Circ Count by Item Cat2</td>
<td>Weekly Circ Count by Fund Src</td>
</tr>
<tr>
<td>Daily Circ Count by Item Type</td>
<td>Weekly Circ Count by Item Type</td>
</tr>
<tr>
<td>Daily Circ Count by Item Loc</td>
<td>Weekly Circ Count by Item Loc</td>
</tr>
<tr>
<td>Daily Circ Count by Profile</td>
<td>Weekly Circ Count by Profile</td>
</tr>
<tr>
<td>Daily Circ Count by User Cat1</td>
<td>Weekly Circ Count by User Cat1</td>
</tr>
</tbody>
</table>
### My Titles

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg Pub Year by Call Number</td>
<td>Count Items by Item Cat1</td>
</tr>
<tr>
<td>Avg Pub Year by Home Location</td>
<td>Count Items by Item Type</td>
</tr>
<tr>
<td>Avg Pub Year by Item Cat1</td>
<td>List Shadowed Titles</td>
</tr>
<tr>
<td>Avg Pub Year by Item Type</td>
<td>List Titles with No Copies</td>
</tr>
<tr>
<td>Avg Price by Call Number</td>
<td>Move Copies to Another Library</td>
</tr>
<tr>
<td>Avg Price by Home Location</td>
<td>New Spine Labels</td>
</tr>
<tr>
<td>Avg Price by Item Cat1</td>
<td>New Spine, Pocket Labels</td>
</tr>
<tr>
<td>Avg Price by Item Type</td>
<td>New Titles by Date</td>
</tr>
<tr>
<td>Bibliographies by Author</td>
<td>New Titles by Home Location</td>
</tr>
<tr>
<td>Bibliographies by Call Number</td>
<td>New Titles by Item Cat1</td>
</tr>
<tr>
<td>Bibliographies by Item Cat1</td>
<td>New Titles by Item Cat2</td>
</tr>
<tr>
<td>Bibliographies by Item Type</td>
<td>New Titles by Item Type</td>
</tr>
<tr>
<td>Bibliographies by Keywords</td>
<td>Shelflist by Call Number</td>
</tr>
<tr>
<td>Bibliographies by Subject</td>
<td>Shelflist by Home Location</td>
</tr>
<tr>
<td>Count Items by Call Number</td>
<td>Shelflist by Item Cat1</td>
</tr>
<tr>
<td>Count Items by Current Loc</td>
<td>Shelflist by Item Type</td>
</tr>
<tr>
<td>Count Items by Home Location</td>
<td>Shelflist of Entire Collection</td>
</tr>
<tr>
<td></td>
<td>Spine Labels for Specific IDs</td>
</tr>
</tbody>
</table>

### “Library Address on Notice” Selection Options Enhanced

Previously, the Output option for various reports included an option to print the address from the library’s user record on notices to be mailed to patrons. The Output options have been enhanced to include the following address selection options if the Library Address on Notice option is set to Yes.

- Primary prints the primary address selected in the library’s user record.
- Address 1 prints the address information entered in the Address 1 fields on the library’s user record.
- Address 2 prints the address information entered in the Address 2 fields on the library’s user record.
- Address 3 prints the address information entered in the Address 3 fields on the library’s user record.

**Note:** Only one address selection option may be selected at one time.
The following reports have been enhanced with the library address selection options.

- Assumed Lost
- Booking Notice
- Bookings With Charges Notice
- Create Charge Notices in Batch
- Failed Calls
- Generalized Bill Notices
- Hold Overdue Notices
- Hold Pickup Notices
- Instructor Reserve Notices
- Notice for Cancelled Holds
- Notice to Selectors
- Notify Users About Favorites
- Overdue Notice
- Pickup Available Holds Notices
- Print Cancellation Notices
- Print Purchase Orders
- Print Ready Purchase Orders
- Print Specific Purchase Orders
- Recall for Reserve Notices
- Recall Notice on Charged Items
- Recall Title Hold Notices
- Reserves Overdue Notices
- Serial Claim Notices
- Set Route Delivery, Skip Date
- Set User Delivery, Skip Date
- User Announcement
- User Order Distribution Notice
- User Order/Request Notice
- User PIN Notices
Corrections

Correct Number of Reports Removed Displays

When at least 100 reports were removed from the finished reports list, the number of reports removed only showed the first two digits (10 instead of 100). The Remove Result window has been corrected to show the full number of reports removed.

Select Item List Gadget Able to Handle Longer List of Item IDs

When scanning a list of barcodes into a report’s Select Item List gadget, when the list got too long (67+ item IDs), WorkFlows exited abnormally and displayed the following system message when the report was scheduled.

wf02000.exe has generated errors and will be closed by windows

The maximum string length for the Select Item List gadget was previously 1000 characters. This string length has now been expanded to 2000 characters.

List Unused Barcodes Report Corrected

The Batch Copy Add Wizard works with the List Unused Barcode report to assign barcodes within designated ranges. Previously, when this wizard was used, sequential barcode assignments occasionally fell out of sequence. This problem has been fixed and now the List Unused Barcode Report and the Batch Copy Add Wizard work efficiently.

Obsolete Reports Removed From Report Groups

Four reports have been removed from the Unicorn 2003.1 release since they are obsolete.

The following reports have been removed from the Gateway group of reports.

- Gateway Element Statistics (Gatestat)
- Gateway Statistics Logs (Gatelog)
- The following reports have been removed from the Text group of reports.
  - Rebuild Browse Database (Rebuildbrowse)
  - Rebuild Keyword Database (Rebuildkeyword)

Reports Corrected to Stop and Start Unicorn Services Properly on Windows Server 2003 Systems

Certain reports, when run on systems using Windows Server 2003, temporarily stop and then restart the Unicorn services. Sirsi found that the reports were not restarting the Unicorn services properly. The reports have been corrected to stop and restart the Unicorn services properly on Windows Server 2003 systems.
Users Can Now Correct Invalid Date Entry

Previously, if a user entered an invalid date or a date that did not contain all digits, messages would display depending on the error the user made. However, when the user clicked OK to dismiss the message window, the Setup and Schedule New Reports wizard would return the user to the Display Template Reports window without giving the user a chance to correct the date.

The Setup and Schedule New Reports wizard has been changed to return the user to the Selection Criteria tab so the user can correctly enter the date.

Scheduled Report Date Retained When “Run Now” Option is Used

When the Run Now button was selected in the Scheduled Reports List wizard after a scheduled report was modified or duplicated, the date to run the report was not retained. Often, the date to run the report would be blank. The Scheduled Reports List wizard and the Run Now option have been corrected to retain the scheduled run date of the report.

Bibliographic Entry Labels in Orderlines Not Translated Correctly for Non-English Systems

Because the output for acquisitions reports had not been completely localized, the bibliographic entry labels that displayed in orderlines were not correctly translated for non-English systems. Changes have been made to the acquisitions report programs to output the raw labels for bibliographic entries. These labels are then translated when the reports are formatted by the user.

Note: As a result of this change, it is no longer possible to right-justify the bibliographic entry labels that output order information. Users will notice a change in the appearance of the finished report.

Sender’s E-Mail Address No Longer Prefaced With “\n” in Finished Reports

In finished reports that generate notices to patrons with e-mail addresses, the output contained a preamble to each message that looked similar to the following.

perl emailntc.pl \n"" "user@machine.com" [[[END_EMAIL

As a result, the From field in the e-mail to the patron would preface the library’s return e-mail address with \n, as shown in the following example.

\nCirculation@library.org [mail to: \nCirculation@library.org]

The e-mail notices are now generated correctly so the \n does not display before the library’s return e-mail address.

Reports that Select Users by User Categories Corrected

The program used by reports that select users by user categories was not able to select users by User Category 3, 4, or 5. This occurred mainly on systems running Oracle, but may occur on other systems as well. Now, corrections have been
made to the report program so that users can be selected by User Category 3, 4, or 5 for reports that allow these selections.

**Reports that Selected Users by Address Entry Data Not Producing Output—Oracle Systems Only**

On systems running Oracle, reports that select users by specific information found in the user address were not producing any output. This has been corrected.

**Finished Reports Wizard**

**Corrections**

**Finished Reports Wizard Lists Reports by Completion Date**

The Finished Reports List wizard was sorting the list of finished reports by report name. The wizard has been changed to sort the list of finished reports by the date the report completed.

**View Restored After Printing to System Printer**

Previously in the Finished Reports wizard, if a report was printed to the system printer, the report printed correctly. However, if any other report was selected and the View button was clicked, the report was printed to the system printer instead of opening the application to view reports, and displaying the report. The only way to view a report from the finished list after printing to the system printer was to restart the Finished Reports wizard. This has now been corrected and View can be selected after the Print button has been used to print a finished report to a system printer.

**Scheduled Reports Wizard**

**Corrections**

**Return Email Address Can Be Removed from Scheduled Reports**

When a user attempted to remove the email address specified in the All Emails Originate From field in the Scheduled Reports wizard, the email address would continue to display in the report output. The Scheduled Reports wizard has been changed to remove the return email address from the report settings if the user removes an email address in the All Emails Originate From field.
Acquisitions Group Reports

Corrections

Load Bibs with Order Info Report (Biborderload) Now Sets ISBN/ISSN

Previously, the Load Bibs with Order Info did not automatically update the new ISBN/ISSN title ID field in the orderlines that it created. Now, the ISBN/ISSN is automatically carried over from the bibliographic record to the orderline in orders created by the Load Bibs with Order Info report.

Renewal Date Selection Honored in Rollover Dated Orders Report

The Rollover Dated Orders (Rolldatedord) report was ignoring the value specified in the Renewal Date selection and selecting orders dated later than the entered date. In some cases, the following message displayed in the report log.

**Must have option(s) -s

The Rollover Dated Orders report has been corrected to use the value specified in the Renewal Date field when selecting orders.

Message No Longer Displays When Running the Rollover Dated Orders Report

The Rollover Dated Orders (Rolldatedord) report would display the following message in the report output.

**Data must be all digits -A-A

The report has been corrected so the message does not display in the report output.

Individual and Total Amounts Invoiced Corrected in the List Invoices, Lines Report

The List Invoices, Lines (Invlinelist) report was printing an incorrect total amount invoiced. When the invoice lines were added to calculate the Outstanding amount (the amount invoiced but not yet paid), the total amount invoiced was incorrect.

Example

If the invoice had three lines, the total amount invoiced was incorrectly added three times.

The List Invoices, Lines report has been changed to display the amount invoiced for each individual line and the correct total amount invoiced for the entire invoice.
Accountability Group Reports

Corrections

Date Now Prints Correctly in Accountability Reports

Previously, the notice dates in the following Accountability group reports were not printing correctly.

- List/Print Dispatch Receipt (Printdispatch)
- List Receipts NotAcknowledged (Noacknowledge)

The following date would print for February 2, 2003. The same date would also print for December 22, 2003.

\[2/2/003\]

Now the dates are printed correctly in these reports, with two characters printing for month and day, and four characters for the year.

\[02/02/2003\]
\[12/22/2003\]

Administration Group Reports

Enhancements

“Too Many Categories” Message No Longer Displays When Running the Transaction Statistics (Statistics) Report

If more than 500 entries existed for a category of statistics, the Transaction Statistics (Statistics) report would not run, and the following error message displayed.

Too many categories

The Transaction Statistics report has been enhanced to accommodate more than 500 entries in a category, and the message no longer displays.

New Report Added to Allow First Available Copy to Satisfy a Recall Request

The Hold Recall Without Modifying Hold Level (Newholdrecall) report is used to recall items, and operates much like the Hold Recall (Holdrecall) report. Unlike the existing Hold Recall report, the Hold Recall Without Modifying Hold Level report does not change the hold level that is placed on the item.

When the Hold Recall report is used to recall an item, the report places a Copy level hold on the copy it selects (usually the copy that is still checked out and has been renewed the most times). Because of this Copy level hold, the recall can only be satisfied when that specific copy is returned to the library.
When the Hold Recall Without Modifying Hold Level report is used to recall and item, the report does not change the level of the hold that was placed on the item. If a user placed a Title level hold on the item and requested a recall, this report will retain the Title level of the hold. The recall will be satisfied with the first eligible copy that is returned to the library.

The Hold Recall Without Modifying Hold Level report has been added to the Administration group of reports.

**Update ILS Cache Report Can FTP to Multiple Checkpoint ILS Servers**

Because library consortia may run several Checkpoint ILS servers, and the Unicorn circulation data needed to be updated on these servers regularly, the Update ILS Cache (Updilscache) report has been enhanced to ftp the update files to multiple Checkpoint ILS servers.

The Unicorn administrator must define a HOST1 server in the /Unicorn/Config/ils_ftp.cfg file. Then, the administrator may define as many other HOST* servers as needed, as long as each host name is unique. Each server must have the same user ID and password. The report will ftp to the first server (HOST1), then ftp to the next server (HOST2), and so on. If the ftp fails in one location, this is recorded in the report log, then the report attempts to ftp to the other servers in the list.

**Corrections**

**Notification Added to Load Standalone Transactions Report If Existing standlog.combine File Found**

If the Load Standalone Transactions (Loadstand) report failed during the transaction loading stage, the report would not finish and would not clean up temporary files in the Unicorn/Standalone directory. If the standlog.combine file was left in the Unicorn/Standalone directory from a previous failed run of the report, new transactions would be appended to the file of old transactions that were not loaded. Old standalone transactions as well as new transactions would then be loaded in Unicorn, which may not be what the staff wanted.

The Load Standalone Transactions report has been corrected to check the Unicorn/Standalone directory first for the existence of the standlog.combine file. If the file is found, the report runs in error, and the following message displays.

```
**Error: standlog.combine already exists!
```

The standlog.combine file is not removed since the information in the file may be useful to the library staff.

**Entire Barcode is Output in the Updates the ILS Cache Report**

The Updates the ILS Cache (Updilscache) report was not printing the full item barcode in the report output. The report has been changed so the full barcode displays in the report output.
Call Number Selection Criteria Used in the Transaction Statistics Report

The Transaction Statistics (Statistics) report was ignoring the Call Number selection under Transition Statistics Selection. The Transaction Statistics report has been corrected to use the call number criteria specified in the Call Number selection section of the report.

Information Loaded Into Extended Information Entry is Appended to Existing Extended Information

When the Load Users (Userload) report was used, information that should have been appended to the information already in the Extended Information fields of the user records in the database would instead overwrite the existing information. The Load Users report has been corrected to append new information to the existing information in the Extended Information fields in the user records.

Load Users (Userload) Report Now Updating Existing Users

In Version 2003, when the user record was split into a user and user status record to support tracking users by library group, the loadflatuser tool used by the Load Users report became unable to update existing users. New users loaded with no problem, but any updates failed with the following message:

User status not found.

This has been corrected and users may be both created and updated using the Load Users report.

Line Ending Messages No Longer Display and Output Label Corrected in the Charge and Bill Update Detail Report

When the Charge and Bill Update Detail Report ran, messages similar to the following displayed.

Sort: sorting by USER NAME
sort: Warning: A newline character was added to the end of the input.
sort: Warning: A newline character was added to the end of the input.
sort: Warning: A newline character was added to the end of the input.

In addition, the user ID in the report output was mislabeled as the user name. The report has been changed so the messages no longer display, and the user ID is correctly labeled as the User ID.

Call Number Selection Criteria Used in the Transaction Statistics Report

The Transaction Statistics (Statistics) report was ignoring the Call Number selection under Transition Statistics Selection. The Transaction Statistics report has been corrected to use the call number criteria specified in the Call Number selection section of the report.
Consolidate Daily Logs (Consolidate) Report Corrected on Windows NT Servers

Previously the merging mechanism for compressing monthly logs (the file logmerge_nt.bat) did not work properly when the Consolidate Daily Logs was run on Windows NT servers. This has been corrected.

Note: Log files that were corrupted using the uncorrected version of logmerge_nt cannot be recovered.

Longer Search Strings in Scan History Logs (Logscan) Corrected

Previously, if a large quantity of data, such as multiple item IDs, was entered into the Search String field of the Scan History Logs report, it could cause unexpected behavior. If the data was entered into the field using the String List gadget, and too many characters were entered, the workstation would exit abnormally with the following message.

wf02000.exe has generated errors and will be closed by windows.

If too many characters were entered directly into the Search String field, the following type of error would display.

Fail to send options
review\|\review\|nt\/.Webcat_test/Unicorn/Rptsched/asfu.803889,33201000803890,332010008038

The maximum data that could be entered did not match the internal maximum value. This has now been corrected and the report can be scheduled properly.

All Inventory Group Reports

Corrections

Reports for Removing Discarded Copies Re-synchronized

The following two reports serve the same function, with somewhat different prompts.

- Step 8) Remove DISCARD Copies Report (Deldiscard)
- Remove DISCARD Items Report (Remdiscard)

The Step 8) Remove DISCARD Copies Report was created when the All Inventory group of reports was developed to bring all of the inventory reports together in a single report group, primarily for UnicornEcole sites. Previously, a change had been made to the Remove DISCARD Items report which had not also been made to the Step 8) Remove DISCARD Copies Report. This caused the following message to display in the report log when the Step 8) Remove DISCARD Copies Report was run.

**Extra arguments**
Now this has been corrected and the same source code is used for both reports to prevent this from happening again.

**Bibliographic Group**

**Enhancements**

**New Report Can Replace or Delete Subfields from MARC Headings Tags**

The Replace Subfields in MARC Headings (Updsubfield) report is designed to replace or delete the text of a specified subfield in a list of MARC headings tags for a selected set of bibliographic records.

This report has been added to the Bibliographic Group of reports.

*Note* This report can only be used for USMARC bibliographic records. It will not work correctly on non-USMARC bibliographic records (such as UKMARC, CNMARC, or UNIMARC).

The report selections allow users to specify the catalog record formats of the bibliographic records to be modified by the report. Additionally, record selection can be limited to visible and/or shadowed material. By default, review records are excluded from consideration; however, the report selections can be made to allow review records to be modified.

The report requires the user to specify the MARC heading tag number, subfield, string to match, and operation to be performed (replace or delete). If the Replace operation is selected, the replacement string must also be specified.

When a MARC heading tag is specified, up to two indicators may also be specified. The Tag/Indicators List gadget can be used to quickly select MARC headings tags and indicators.

By default, the printed report output includes the text of the modified bibliographic information entries for selected records to show the text before and after modification. Report selections can be set to suppress the report output.

The Replace Subfields in MARC Headings report can be run in a test mode. In the test mode, the report output shows the modifications that would have been made, but no bibliographic records are actually changed.

Any changes made by this report to bibliographic records will be immediately searchable in the dynamic index.

The Replace Subfields in MARC Headings report differs from the Edit Entire Database (Globaledit) report as follows.

- The Replace Subfields in MARC Headings report more easily updates or deletes the specified subfield in a list of MARC tags than the Edit Entire Database report.
- The Replace Subfields in MARC Headings report can only be used on
USMARC bibliographic records.

- The Replace Subfields in MARC Headings report performs only literal matching.
- The Replace Subfields in MARC Headings report supports only the Replace and Delete operations. The Edit Entire Database report supports Delete, Replace, and Substitute operations.
- The Replace Subfields in MARC Headings report can only modify bibliographic records. The Edit Entire Database report can edit MARC holdings records in addition to bibliographic records.
- The Replace Subfields in MARC Headings report can process multiple entries, but processes only one matching string and one subfield per run of the report. The Edit Entire Databases report can perform a list of operations on multiple matching strings and entries simultaneously.
- Changes made with the Replace Subfields in MARC Headings report are immediately searchable in the dynamic index. If changes are made using the Edit Entire Database report, the Add, Delete, Update Databases report must be run before the changes are searchable.

**Caution** The Replace Subfields in MARC Headings report is password protected. Sirsi recommends making a backup of the database prior to running this report.

**New List Unused Barcodes Report Added**

Libraries in schools may be assigned a range of barcodes and would prefer to use up all of the barcodes within that range without skipping any. The List Unused Barcodes report is a companion to the Add Copies in Batch Wizard, as it identifies the ranges of available barcodes that the wizard can use when creating new copies. A user identifies the starting and ending barcode, as well as the library where the range is to be used, and the unused barcodes in that library are listed. Non-numeric and barcodes outside of the specified range are also listed.

**Corrections**

**Load Bibs with Order Info Report Corrected**

Previously, when some of the bibliographic records processed by the Load Bibs with Order Info (biborderload) report matched records already in the catalog, the orders would not load, and the following system message would appear even though the record contained a valid fund ID.

```
Cannot link order to fund: fund ID not found
```

The report script was not finding the fund ID from the incoming catalog record. This has been corrected.
Search String Field in List Bibliography (Bibliography) Report Retains Data When Saved as a Template

When a search string was entered in the Search String field on the Selection Criteria tab of the List Bibliography (Bibliography) report, the user could save the report as a template. However, upon opening the report from the Templates tab, the Search String field was empty. The List Bibliography report has been corrected to retain data entered in the Search String field when the report is saved as a template.

“Input Line Too Short” Message No Longer Appears in Output of the Remove Items by Location Report

When the Update Database Records option was set to Yes in the Output Options of the Remove Items by Location (Rembylocation) report, the following error message would appear in the report output, and the report processing ended.

**Input line too short**

The Remove Items by Location report has been corrected so the message no longer displays in the report output when the Update Database Records option is set to Yes, and the report finishes correctly.

Load Bibs with Order Info Report Corrected

Previously, when some of the bibliographic records processed by the Load Bibs with Order Info (biborderload) report matched records already in the catalog, the orders would not load, and the following system message would appear even though the record contained a valid fund ID.

Cannot link order to fund: fund ID not found

The report script was not finding the fund ID from the incoming catalog record. This has been corrected.

Booking Group Reports

Corrections

Packing List of Bookings (Bkgpackinglist) Output Corrected

In the output of this report, data was printing in incorrect fields.

Example:

The following label is correctly formatted.

barcode: 134G
callnumber: CONF-PHONE
title: Loudspeaker conference telephone
library: MAIN
user name: LINGER, LEONA
patron start: 05/12/2002,13:00
return: 05/12/2002,16:00

The following label was being produced. The item ID was printed for the call number. The call number was printed for the title. The title was printing in the user name field. The hour was missing from the patron start and return times.

call number: 1137D
title: BATTERYVID
library: MAIN
user name: Battery Pack
patron start: 06/12/2002,:00
return: 09/12/2002,:00

In the list entries, the user name of the person who booked the material was in the NOTE Extended information. Although all the equipment data was in the entries in the list, the fields were also labelled incorrectly. On occasion, the user name would be entered into the patron end date field, separated by the date formatting slashes.

These conditions occurred when a booking did not contain information in extended information entries for NOTE and COMMENT. This problem has been corrected and in both the labels and the list entries in the Packing List of Bookings, the field names correctly correspond with the data, and all of the data is printed.

**Cataloging Group Reports**

**Enhancements**

**Additional Enhancements Made to the Replace Subfields in MARC Headings Report for Deleted Subfield Processing**

The following additional enhancements were made to the Replace Subfields in MARC Headings (Updsubfield) report to consider the internal system-maintained subfields ? and = when deleting subfields from MARC headings.

- When the report is used to delete subfields and update the database, if the deleted subfield is the only subfield in the MARC tag, or if the only other subfield in the MARC tag is subfield ? or subfield =, the MARC tag is deleted.
- If a subfield does not follow the deleted subfield, or if the subfield immediately following the deleted subfield is subfield 2, 3, 4, 5, 6, w, ?, or =, the subfield text is checked for ending punctuation.
- If the subfield text ends with a closing quotation mark, the mark of punctuation preceding the closing quotation mark will be considered.
- If the subfield text ends with a period, question mark, hyphen, exclamation mark, or closing parenthesis, ending punctuation will not be added.
- If the subfield text does not end with a period, question mark, hyphen, exclamation mark, or closing parenthesis, an ending period is added to the subfield text. If the subfield text ends with a closing quotation mark, the ending period will be placed inside the closing quotation mark.
- MARC tags 240, 440, 410, 411, and 440 are excluded from this case.
Refer to the WorkFlows Online Help for more information.

**Corrections**

**List Titles Used/Unused Report (Titleuselst) Title Corrected**

Previously, the title assigned to the List Titles Used/Unused report was not the title set by the user, or the default title assigned by the system when the report was scheduled. Instead, the report title is the first bibliographic title that matches the report selection criteria. Now this has been corrected.

**Duplicate Flexkeys with Titles Report (Dupflexkeys) Corrected for Windows Servers**

Previously, the Duplicate Flexkeys with Titles report was not getting all of the duplicate flexkeys, and some of the flexkeys that were identified were not in fact duplicates. The sort process was using incorrect commands. This has been corrected.

**“Error 111” Messages No Longer Display When the List Entries from Catalog Report Processes Catalog Records That Have No Copies**

When the List Entries from Catalog (Entrylist) report encountered catalog records that had no item records associated with it, the report output included numerous “Error 111” messages, and the report log often showed duplicate catalog records.

The List Entries from Catalog report has been changed to correctly process catalog records without associated item records. The “Error 111” messages no longer display, and the report output is correct.

**List Entries From Catalog Report Accepts an Apostrophe in Search Terms**

If a search term containing an apostrophe (such as Mary's) was entered in the Search String field of the List Entries from Catalog (Entrylist) report, the report would fail to run, and messages similar to the following displayed.

```
**Unknown edit operator on line 2
@/marys | perl -U /t/sirsi/2003I/Unicorn/Rptscript/Perl/slashfix.pl/r/anything/
**Processing ceased due to errors on edit command file
```

The report has been corrected to accept search terms that contain an apostrophe, and the messages no longer display.
Circulation Group Reports

Enhancements

Bill Selection and Notice Output Consider Library Options

For circulation reports that select bills and create notices, the following enhancements have been made for when the user selects a library or library group in the Library field of a report.

- If an amount is specified in the Minimum Amount of a Single Bill field or Total Amount Owed field under Bill Selections, only the specified library or library group will be checked for bills for the user when determining if the user record is to be selected.

- The Total Bills for Each User option will print the total amount of all of the bills for the user only in the selected library or library group.

Bill Selection Options and Report Output Options Added to Some Circulation Reports

Certain circulation reports that create bill notices or hold notices have been enhanced with new report output options and bill selection options.

Two Bill Selection options have been added for some circulation reports.

- Minimum Amount of a Single Bill sets the minimum amount of an individual bill on the user's record that must be met for the user record to be selected by the report. An amount can be specified by typing the amount in the text entry box, or by using the Amount Range gadget. By default, the value of this option is blank.

- Total Balance Owed sets the total amount in bills on the user record that must be met for the user record to be selected by the report. An amount can be specified by typing the amount in the text entry box, or by using the Amount Range gadget. By default, the value of this option is blank.

Note For these Bill Selection options, all bills for the user will be printed if the bill selection value will be satisfied regardless of the user's qualifying bills. For example, all bills will print if the Total Balance Owed selection is set to >0.

The following Output Options were added for certain Circulation reports.

- Combine Notices allows all notices of the same notice type, such as overdue items, to be combined into one notice for all libraries, regardless of which library is the owning library or the checkout library. By default, this option is set to No.

- Select 'Sent-From' Library specifies which library's address is to be used for the return address. This option is useful for when the Combine Notices option is set to Yes, since the user may receive notices from several libraries. The selections in Select 'Sent-From' Library list are defined by the Library policy. By default, this option is blank.

- Total Bills for Each User prints all of the fines and bills owed by the user on
the notice, not just the bills that meet the specified bill selections. By default, this option is set to No.

The following Circulation group reports were modified to include the new bill selection options and report output options.

- Assumed Lost (Assumedlost)
- Generalized Bill Notices (Bill)
- Circulation Mailer (Mldrirc)
- Overdue Notice (Overdue)
- New Overdue Notices (Noverdue)
- Hold Pickup Notices (Pickup)

**Message Does Not Display as Frequently When the List Onshelf Items with Holds (Pullonshelfhld) Report Runs During the Day**

Libraries typically run the List Onshelf Items with Holds (Pullonshelfhld) report at night. If the report was run during the day, the following message displayed to indicate that some item records were locked since they were in use by the Circulation Desk.

*Cannot clean up old holditem database*

The List Onshelf Items with Holds report has been changed so it will make up to 20 attempts to access a particular item record. If the record cannot be accessed after 20 attempts, the message shown above will display.

**Two Bill Selection Options Added to Remove Users Report**

Two new Bill Options have been added to the Selection Criteria tab of the Remove Users (Remuser) report. The bill options are described as follows.

- Minimum Amount of a Single Bill sets the minimum amount of an individual bill on the user's record that must be met for the user record to be selected by the report. An amount can be specified by typing the amount in the text entry box, or by using the Amount Range gadget. By default, the value of this option is blank.

- Total Balance Owed sets the total amount in bills on the user record that must be met for the user record to be selected by the report. An amount can be specified by typing the amount in the text entry box, or by using the Amount Range gadget. By default, the value of this option is blank.

**Bill Selection Options and Report Output Options Added to Some Circulation Reports**

Certain circulation reports that create bill notices or hold notices have been enhanced with new report output options and bill selection options.

Two bill selection options have been added for some circulation reports.
Minimum Amount of a Single Bill sets the minimum amount of an individual bill on the user's record that must be met for the user record to be selected by the report. An amount can be specified by typing the amount in the text entry box, or by using the Amount Range gadget. By default, the value of this option is blank.

Total Balance Owed sets the total amount in bills on the user record that must be met for the user record to be selected by the report. An amount can be specified by typing the amount in the text entry box, or by using the Amount Range gadget. By default, the value of this option is blank.

*Note* If the total owed by the user is greater than the amount specified in the Total Balance Owed selection, or if an individual bill meets the Minimum Amount of a Single bill selection amount, a notice is generated when the report runs. The notice will show all of the user's fines.

The following output options were added for certain circulation reports.

- Combine Notices allows all notices for the user to be combined regardless of which library is the owning library or the checkout library. By default, this option is set to No.

- Use Library Address in Patron Record prints the address of the user's home library as the return address on the notice. By default, this option is set to No.

*Note:* This option can be selected only if the Library Address on Notice output option is set to Yes.

- Select 'Sent-From' Library specifies which library's address is to be used for the return address. This option is useful for when the Combine Notices option is set to Yes, since the user may receive notices from several libraries. The selections in Select 'Sent-From' Library list are defined by the Library policy. By default, this option is blank.

- Total Bills for Each User prints the all of the fines and bills owed by the user on the notice, not just the bills that meet the specified bill selections. By default, this option is set to No.

The following Circulation group reports were modified to include the new bill selection options and report output options.

- Assumed Lost (Assumedlost)
- Generalized Bill Notices (Bill)
- Circulation Mailer (M1rcirc)
- Overdue Notice (Overdue)
- New Overdue Notices (Noverdue)
- Hold Pickup Notices (Pickup)
User Status Selection Added to the Assumed Lost (Assumedlost) Report

The Assumed Lost (Assumedlost) report has been enhanced with the User Status Selection. This selection on the Selection Criteria tab of the report allows user records set to the statuses of OK, DELINQUENT, BLOCKED, or BARRED.

Date Recalled Selection Added to Hold Selections

The Hold Selections for reports have been enhanced with the Date Recalled selection. This selection allows holds that were recalled on the specified date to be selected by reports. A range of dates can be specified using the Date Range gadget. This selection is available only in the Workflows client.

Corrections

Notify User Via Phone Option Changed from MAIL to PAPER

Previously, the Notify User Via Phone (Notifyuserviaphone) report would write the value MAIL in the NOTIFY_VIA entry of the user record if the user was to be notified by regular mail. The report has been changed to write the value PAPER in the NOTIFY_VIA entry when the user is to be notified by regular mail.

Bill Totals by Bill Type Report Uses Currency Symbol Defined in Configuration File

The Bill Totals by Bill Type (Typetotal) report was only printing bill totals if the dollar sign ($) was used as the currency symbol. The report has been changed to calculate the bill totals using the default currency symbol configured for the system.

“Auto Email to Recipients” Option Added to the Assumed Lost Report

The Assumed Lost (Assumedlost) report did not display the Auto Email to Recipients with Email Addresses in Their Patron Record option when the report was being scheduled. The Assumed Lost report has been changed to include this option to send email notices to patrons.

Overdue Item and Bill Information Prints Correctly for the Combined Overdue/Bill Notice Report

The Combined Overdue/Bill Notice (Combonotices) report was incorrectly printing notices for users by not printing user information, or by including the overdue item and bill information of the previous user for whom a notice was created.

The Combined Overdue/Bill Notice report has been changed to correctly print the user information on each notice generated by the report, and to print the correct overdue item and bill information for each user.
List Onshelf Items With Holds Report Correctly Excludes Items With Locations That Do Not Allow Holds

When the List Onshelf Items With Holds (Pullonshelfhld) report was run, it did not exclude items with locations that disqualify the item from being used to fill holds (such as CHECKED OUT and ON-ORDER). The report has been corrected to not list items in locations that cannot be used to fill holds.

Temporary Files No Longer Cause Unexpected Results When Generating Email Overdue Notices on Windows Server Systems

When the Overdue Notices (Overdue) report ran on Windows Server systems, many temporary files named like rptXXXX.callnum in the tmp directory would cause unexpected results when creating email notices (such as sending overdue notices to the wrong users).

The generation of emailed notices has been corrected so that when the Overdue Notices report is run on Windows Server systems, the report finishes correctly, and the email notices are sent to the correct users.

Users With Available Holds Report Does Not Select Inactive or Unavailable Holds

The Users With Available Holds (Holdsavailable) report was considering all holds for a user instead of excluding the inactive or unavailable holds. The report has been changed so that the output will not list users with holds that are inactive or unavailable.

Process Long Overdue Items (Longoverdue) Now Consistently Edits Current Location

Previously, when the Process Long Overdue Items report was run, the current location of some of the items would not be changed to the New Location value specified in the report. This primarily occurred when an item to be edited had a long title, because the maximum of 300 characters per item was exceeded for that title. Now only 40 characters of the title are processed, which will prevent this problem more often than not.

Note: It is unlikely, but if all of the fields that are processed contain the maximum number of characters, the maximum of 300 could still be exceeded.

Bill Totals By Bill Type (Typetotal) Rounding Corrected

Previously, when the Bill Totals by Bill Type report was run, the totals were rounded to an uneven number.

Example:

A user had seven bills that were created using the Bill a User wizard. The amounts were 2.30, 2.00, .90, 1.70, 1.70, 1.70, 1.70 in bills. The Pay Bill wizard was used to pay all 7 bills via check for total of 12.00. One amount was entered instead of paying each individual bill. When the Bill Totals by Bill Type report was run, instead of indicating that a 12.00 check was paid, 11.99 was reported as the amount paid by check.
Now totals are added correctly with no rounding.

**Current Hold Statistics Report Includes Holds on Titles Without Copies**

The Current Hold Statistics report was corrected to include in the total number of holds all the holds placed on titles without copies.

**User Address Labels Report Sorts Output Correctly By Zip Code/User Name**

If the user selected Zip Code/User Name to sort the User Address Labels (Usraddr) report output by zip code and then by user name, the output would not sort correctly if the zip code contained alphabetic characters. The report has been changed to sort the output correctly by the Zip Code/User Name sorting option when the zip code contains alphabetic characters.

**Circulation Mailer (Mlrcirc) Report Displays Message When Page Width Exceeds Specified Column Widths**

The Circulation Mailer (Mlrcirc) report would display the following messages when the library would attempt to print the report output.

Failed to process a finished report.
Detail: Illegal exception number

The messages would display and the report output could not be printed because the printer page width had been set to a value that was smaller than the defined column widths.

The Circulation Mailer report has been changed to display the following message to alert the system administrator when printer page widths are set to be smaller than the defined column widths.

Page width too narrow for specified columns

**Assumed Lost Item Remains Charged to User When Only the Lost Item Processing Fee is WaIVED**

In libraries where the lost item processing fee only was waived for an item marked as Lost by the Assumed Lost (Assumedlost) report, the item was incorrectly being discharged from the user. As a result, the lost item bill could not be removed, and overdue fines could not be assessed.

The lost item processing has been corrected to keep the item checked out to the user when the item is marked as Lost by the Assumed Lost report and the lost item processing fee only is waived.

**New Sorting Options Added to Assumed Lost (Assumedlost) Report to Ensure One Notice Prints for All of a User’s Lost Items**

If the Zip Code option is selected for the Sort By field in the Assumed Lost (Assumedlost) report, and no zip code appears in the user records, the assumed
lost items are listed in charge order and are not grouped by user. As a result, a notice would print for each item, and a user could receive many notices.

The Sort By list now includes the Zip Code / User Name and Group ID/ User Name sort options. If the Zip Code / User Name sort option is selected, and zip codes are not entered in the user record, the lost items are grouped by user name. If the Group ID/ User Name sort option is selected, and a group ID is not found in the user record, the lost items are grouped by user name. In both cases, the user will receive one notice listing all of the assumed lost items.


The Process Long Overdue Items (Longoverdue) report, when run on Windows Server systems, would not finish properly. The report would discharge items and (if configured) remove bills from the record of the user to whom the item was charged. However, the report would not perform other tasks it was configured to do, including adding an entry to the LOSTITEM extended information field of the user record, billing the user for the item, changing the user's status to BARRED, and moving the items to the LONGOVERDUE location.

The Process Long Overdue Items report has been corrected to finish all of its configured tasks properly when it is run on Windows Server systems.

**Date Due Selection Added to the New Overdue Notices Report**

The New Overdue Notices (Noverdue) report did not have a selection for the due date in the Charge Selections on the report’s Selection Criteria tab. The Due Date selection has been added to the Charge Selections for the New Overdue Notices report.

**Hold Recall Report (Holdrecall) Recalls Title Level Holds**

Previously, when the Hold Recall report ran, items with title level holds were not being recalled. Title level holds are now being recalled.

**Update User Delinquency Status Report (Setdelinq) OK to DELINQUENT Corrected**

Previously, users with a status of OK were not being updated to DELINQUENT and were not having charge records set to overdue when the Update User Delinquency Status report ran.

In Version 2002 and earlier, the report selected all users for whom the following criteria was true.

- Number of unpaid bills not equal to 0
- Number of charges not equal to 0
- Number of estimated overdues not equal to 0
- Amount of estimated fines not equal to $0.00
• Number of estimated recalls not equal to 0

Beginning with Version 2003, the report selected all users for whom the following criteria was true.

• Number of unpaid bills not equal to 0
• Number of charges not equal to 0

From those users, the report selected users for whom any of the following criteria is true.

• Number of estimated overdues not equal to 0
• Amount of estimated fines not equal to $0.00
• Number of estimated recalls not equal to 0

This meant a user could only be set to delinquent if they were already delinquent.

This condition occurred because of the separation of the user record into user selection and user status selection. In this particular report these values cannot be considered separately. Now both are considered, as they were previously, before the delinquency statuses are assigned, from OK to DELINQUENT and DELINQUENT to BLOCKED and the functionality of the report is restored.

Lost and Processing Fee Values Added to Assumed Lost (Assumedlost) Report

Previously, when the Assumed Lost report was run, $0.00 was always printed for the processing fee and lost fee values, even if these amounts were populated in the system. The incorrect fields were used. This has now been corrected.

Addresses and Extended Information in User Records Load Correctly

Information in the Address fields and the Extended Information fields was not being loaded with the Load Users (Userload) report into the database in the order specified in the incoming user record. The Load Users report has been changed to load address and extended information correctly into the Unicorn database.

Clean Holds Shelf (Cleanholdshelf) Report Transaction Library Corrected

Previously, the transaction library for the hold when the Clean Holds Shelf report was run was taken from the library associated with the user login running the report, not the library where the item was on hold when the Clean Hold Shelf report was run. This could create strange transit messages that would not occur if the hold had been released during a manual operation. As a result, items were not being routed correctly. Now, for each hold that is cancelled by the Clean Holds Shelf report, the library is set to the pickup library for the hold being cancelled, instead of the library of the login of the user running the report.
Notice Printing Restored in the Assumed Lost (Assumedlost) Report

A previous change prevented the assumed lost notices from printing. This functionality has been restored.

Debt Collection Report Group

Corrections

Bill Amounts Incurred and Paid Between Runnings of Collections Update Report Added to Amount Added Field

If a bill was added to the patron record and paid between runnings of the Collections Update (Collectupdate) report, the bill amount was not added to the Amount Added field. The Collections Update report has been changed to add the bill amount to the Amount Added field for bills that were assessed and paid before the report is run again.

Correct Date Reported for Debt Collection

Previously when the Collection Update (Collectupdate) report was run, the file that was to be sent to Unique Management did not contain the most recent date in the user's STAFF user extended information entry. It contained the previous date. This has been corrected and the most recent date in the STAFF user extended information is output to the file sent to Unique Management.

Debt Collection Reports Writes the Birth Year Data to the Collections File and Output

The following problems were noted for the debt collections reports when a birth year was included in the user record.

- In the Collections Information (Collectiondata) report, if the Update Database Records option was set to No, the collections file did not contain a Birth Year label, and no birth year data was listed in the report output.

- In the Collections Information (Collectiondata) report, if the Update Database Records option was set to Yes, the collections file did not contain a Birth Year label, and no birth year data was recorded in the file.

- In the Collections Update (Collectupdate) report, if the Update Database Records option was set to No, the Birth Year label appeared in the file, but the birth year was not listed in the report output.

The Collections Information report and Collections Update report have been changed to use the Birth Year label in the collections file, and to list the birth year in the collections file or report test output.
File From Previous Run Renamed to Prevent Users From Being Selected Incorrectly by the Collections Synchronization Report

The Collections Synchronization (Collectionsync) report tried to select users from a previous run of the report because the collectionsync.out output file from the previous report run was being reused as input for the current report. The Collections Synchronization report has been changed to determine whether or not a collectionsync.out output file exists, and to rename the existing output file before continuing to run the current report.

Three Reports Removed from the Debt Collection Group of Reports

The following reports have been removed from the Debt Collection group of reports.

- All Delinquent Referrals (Collupdallst)
- Charge and Bill Detail Info (Collectionlst)
- Charge and Bill Update Detail (Collectupdlst)

Collections Update Report Output Reflects Total Bill and Partial Payment Since the Last Time Report Was Run

If a bill was created since the Collections Update (Collectupdate) report was run, and the user made a partial payment on the bill, the amounts of the bill and partial payment were not correctly shown in the report output from the next running of the report. The Collections Update report has been corrected to reflect the amount billed and partial payments made since the previous running of the report.

Director’s Station Report Group

Enhancements

New Report Extracts Variable Entry Data for the Director’s Station

The Extract Director’s Station Data (Extractved) report extracts variable entry data (VED) for the Director’s Station product. The report extracts the following data and information.

- Title, author, and subject data
- User zip code data from the user’s primary address
- Orderline fundings information
- Orderline distributions information
- Orderline extended information (DESC entry ID from the ORDERLINX policy) for orderlines that are not linked to a title
The report makes selections to extract the data and writes it to text files that reside in the /Sirsi/Unicorn/Logs/DS directory. The file output will include user zip code, holdings, and fundings data.

In the Title Selection for the report, the Date Created field has a default selection of one week before the report run date.

This report is in the newly-created Directors Station Group of reports.

**Note** When the Extract Director’s Station Data report is run for the first time after the Director’s Station product is set up, the Date Created default must be removed so that all titles will be selected for the report.

**Note** This report should be run daily after peak library hours, such as after 23:00.

**Corrections**

**Orderline Fundings and Distributions Information Removed from Extract Director’s Station Data Report**

The orderline fundings and distributions information have been removed from the output of the Director's Station Data (Extracted) report. The report will now include the following information.

- Title, author, and subject data
- User zip code data from the user's primary address
- Orderline extended information (DESC entry ID from the ORDERLINX policy) for orderlines that are not linked to a title

The extracted data is written to text files that reside in the /Sirsi/Unicorn/Logs/DS directory.

**EDI Report Group**

**Enhancements**

**Missing Order ID Added to EDI File Receive Report Output**

The EDI File Receipt (Edireceive) report would reject invoices with missing order IDs and print the following message in the report log.

```
Invalid order specified in invoice
```

Since an EDI file can contain many orders and order IDs, the message that prints in the report log has been enhanced to specify the missing order ID.

**Example**

*If the missing order ID is AAA-6001, the message in the report log prints as follows.*

```
Invalid order specified in invoice: AAA-6001
```
Corrections

Book X12 Orders Report Unable to Send Orders

In certain circumstances, the Book X12 Orders report was unable to create EDI purchase orders. The report displayed the following system message.

Input line too long

It was found that pipe characters and control characters present in the author and title fields of the book orders were not translated correctly, which caused the data input line for the purchase orders to become too long.

Now, the Book X12 Orders report has been corrected to convert pipe characters and control characters in author and title fields to spaces before creating the EDI purchase orders.

Book X12 Orders Report Unable to Process Large Purchase Orders

Previously, the Book X12 Orders report was unable to process large purchase orders (greater than 70 orderlines). The buffer that the orderlines were written to during the order processing was too small. Now, while processing the orders and orderlines, the Book X12 Orders report programs will write data to a larger, temporary text file, then re-write the information back to the EDI purchase order file. The temporary files will be removed when the report has finished processing the orders.

EDI Order Maps Building Order Segments with Empty Data

Previously, EDI order maps were building empty order segments for data fields that contained no data. This has been corrected.

Also, error messages for data fields now point to the correct segment and data field when the data is too long or too short for the given field.

EDI File Transactions Overwriting Instead of Appending on Windows Servers

When EDI or X12 files are sent to vendors, the translist files are supposed to be opened and the new data is appended to the existing data in the translist file. However, this was not previously occurring on Windows servers. Previously, the files were being overwritten because a nonstandard file open command was being used. This has been corrected and the same file open command is used for both Windows servers and UNIX systems.

EDI File Receipt Report (Edireceive) Corrected on Windows Servers

Previously on Windows servers, the EDI File Receipt report was not running properly. The invoice load process was not reading the segment terminator. The process for opening the file was changed to correct the invoice load process.
Gateway Group Reports

Enhancements

Undisplayable Characters Changed to HTML Metacharacters for Web2 Search XML Output Report

The following five undisplayable characters will be converted to HTML metacharacters by the Web2 Search XML Output (Opacxmlout) report so the characters will display correctly in the report output.

<table>
<thead>
<tr>
<th>Character to Display</th>
<th>Name of Character</th>
<th>HTML Metacharacter Conversion by the Report</th>
</tr>
</thead>
<tbody>
<tr>
<td>&amp;</td>
<td>ampersand</td>
<td>&amp;</td>
</tr>
<tr>
<td>“</td>
<td>double quotation mark</td>
<td>quot;</td>
</tr>
<tr>
<td>'</td>
<td>apostrophe</td>
<td>'</td>
</tr>
<tr>
<td>&lt;</td>
<td>less than</td>
<td>&lt;</td>
</tr>
<tr>
<td>&gt;</td>
<td>greater than</td>
<td>&gt;</td>
</tr>
</tbody>
</table>

Hyperion Group Reports

Corrections

Resources Created and Deleted Before the Add, Delete, Update Archive Report Runs are Removed from the Dynamic Index

When a resource is deleted, the Add, Delete, Update Archive (Adumetadata) report removes the deleted resource from the dynamic index provided it also exists in the main index. However, if the resource was created and deleted before the Add, Delete, Update Archive report was run, the resource would be removed from the main index but remain only in the dynamic index. As a result, the Add, Delete, Update Archive report would not remove the deleted resource from the dynamic index.

The Add, Delete, Update Archive report has been changed to remove the deleted resource from the dynamic index regardless of whether or not the resource exists in the main index.
“Error 111 on Orgunit Start” Messages Removed from the Print User Access to Orgunits Report Output

When the Print User Access to Orgunits (Hyperionaccess) report was run, the following messages would often display in the report output.

Error 111 on orgunit start

The message displayed because the report found the resource key in the history file, but the resource no longer existed in the database. This is a common occurrence and not an error, so the message has been removed from the Print User Access to Orgunits report output.

Messages in Hyperion Content Reports Removed

An unnecessary message displayed in the log of the following two Hyperion group reports.

- Rebuild Content Database Report (Rebuildcontent)
- Add, Update Content Database Report (Updatecontent)

After all API transactions involved in building the content database were completed, the script closed the connection to the apiserver process. There was a ^Z being sent to the server needlessly, after it was satisfied that everything was clear. This resulted in the message being reported.

**Invalid request:

**^Z01002

The sending of the ^Z to the API server was removed. The message no longer displays in the logs of these reports.

Rebuild Metadata Database Report Clears the Edit Directory

The Rebuild Metadata Database (Rbldmetadata) report was leaving temporary files on the system which made subsequent runs of the report take longer to complete. This has been corrected.

iBistro Group Reports

Corrections

Update iBistro Content Data Report Runs Correctly

Previously, the Update iBistro Content Data (Updibistrodata) report failed with the following message.

Cannot open file enrichment.dat.

Now the Update iBistro Content Data report functions correctly.
Best Seller List Sorting Corrected

When the Update iBistro Content Data (Updibistrodata) report was run, the best sellers list was not sorted into the correct order in the e-Library display. The incorrect sorting resulted in the content not being updated in the e-Library display. The sorting of the best seller list has been corrected, and the updated content displays correctly in the e-Library display.

Update iBistro Content Data Report Finishes Correctly on Oracle Systems

The Update iBistro Content Data (Updibistrodata) report was not finishing when it was run at libraries using Oracle systems. When the report failed, the updated and existing content was removed, and the library did not have any content that could be viewed in the e-Library.

The report has been corrected to finish on Oracle systems. The updated content now displays correctly in the e-Library.

Number of Appropriate Matches Refined for the Notify User About Favorites Report

The Notify User About Favorites (Searchfavorite) report was not restricting its search for matching titles to the appropriate group of headings (such as author and subject). As a result, library patrons reported that some notifications they received in response to their selections for the Tell Me When feature in the e-Library were not appropriate.

Example
A user wanted to know when books by author Tom Clancy are added to the library collection. When the Notify User About Favorites report was run, the report selected the item record for a SpongeBob SquarePants video since the voice artists listed in the recording include Tom Kenny and Clancy Brown. The report would then create a notice to be mailed to the user that the SpongeBob SquarePants video had been acquired by the library.

The Notify User About Favorites has been changed to search for matching titles in item record headings that are appropriate for the user’s Tell Me When settings.

“Segmentation Fault” Message No Longer Appears in the Most Popular Items (Mostpopular) Report Output

When the Most Popular Items (Mostpopular) report ran on library systems have bibliographic records that are not MARC records, the report would fail and display the following message in the report output.

Segmentation Fault -- core dumped

The report has been corrected so that it runs correctly on library systems that use records that are not MARC records.
Info Desk Group Reports

Corrections

Add Items to Item List Report Runs When Order Report Type is Selected

In the Add Items to Item List (Additemlist) report, if the Order option was selected for the report type, the report would not display in the list of finished reports. The report has been corrected so the report will finish properly if the Order report type is selected.

MARC Import Group Reports

Corrections

Message No Longer Displays When Load Bibliographic Records Report Runs

The following message would display when the Load Bibliographic Records (Bibload) report was run.

sh: loaded_error_bibs:U: cannot open

The report has been corrected so the message no longer displays when the report runs.

Output Files No Longer Overwritten When Load Bibliographic Records Report is Run Multiple Times on the Same Day

The Load Bibliographic Records (Bibload) report would produce output files using the following naming convention.

[date][library number][session number][n|r|e]

If the Load Bibliographic Records report was run more than once on the same date, the output file would be overwritten each time the report ran.

The output file is now named using the following naming convention.

[date and time][library number][session number][n|r|e]

The first fourteen digits represent the date of the record load, in YYYYMMDDHHMMSS format. The next four digits represent the library number from the policies. The last one or two digits represent the session number from the given date. The final alphabetic character indicates the file type (new record, review record, or error file).

Example

The following backup file name illustrates the naming convention.

2004011812573300306n
The date and time are January 18, 2004 at 12:57:33 p.m. The library number from the policies is 0030. The session number shows that this file was the sixth file loaded on that date. The n file extension indicates that new records were loaded into the catalog.

Messages No Longer Display in Load Bibliographic Records Report Output

Although the bibliographic records were loaded correctly with the Load Bibliographic Records (Bibload) report, the following messages displayed in the report output.

Insecure dependency in require while running setuid at /usr/local/sirsi/lib/perl5/5.8.0/File/Copy.pm line 14.

Insecure dependency in require while running setuid at /usr/local/sirsi/lib/perl5/5.8.0/File/Copy.pm line 15.

sh: loaded_error_bibs:U: 0403-016 Cannot find or open the file.

Insecure dependency in open while running setuid at /usr/local/sirsi/lib/perl5/5.8.0/File/Copy.pm line 130.

The Load Bibliographic Records report has been corrected so the messages no longer display in the report output.

Outreach Group Reports

Corrections

Outreach User List Report Runs Correctly and Displays in the Finished Reports List

The List Outreach Users (Outreachusrlst) report was finishing with errors, as follows.

• On UNIX systems, the following messages appeared in the report output.

   Report Log for Outreach User List
   Report outreachusrlst scheduled as List Outreach Users
   A list of all outreach users.

   sh: syntax error at line 1: ‘|’ unexpected
   Sort: sorting by USER ID

• On Window NT and Windows 2000 systems, the report was not appearing in the list of finished reports.

The List Outreach Users report has been corrected so the messages no longer display and the report appears in the list of finished reports.
Messages No Longer Display for Outreach Delivery and Skip Date Reports

The Set Route Delivery, Skip Date (Routedelivery) and Set User Delivery, Skip Date (Userdelivery) reports would display messages similar to the following when they were run.

Failed to duplicate report.
Detail: Invalid data type~: Unknown tool:ntcoutreach
Can't close selcharge pipe(selcharge -iC -oK 2>/tmp/rpt13509f2 | ntccharge -c"10" -m"5" -g -n=0,/s/Test3/Unicorn/Notices/outreach -s/s/Test3/Unicorn/Notices/closetext -fMARC -p >>/tmp/rpt13509x 2>/tmp/rpt13509f3)

In some cases, the reports were not updating the outreach history records.

The reports have been corrected so the messages do not display, and the outreach history records are properly updated.

Suggest User Interest Records Report Displays the Correct Number of Requested Items

The Suggest User Interest Records (Srchintsug) report was showing only one item when ten or more items were requested for the user's interest profile. The report was incorrectly removing the second digit from the count of requested items. The report has been corrected to use the complete number of requested items when searching user interests for suggested items.

Suggest User Interest Records Report No Longer Fails With Message

The Suggest User Interest Records (Srchintsug) reports would fail and print a message similar to the following in the report log.

"Can't open input pipe cmd(seluser '-H~0' -oUBD 2>/tmp/rpt24432b | sort -t "|" +2df 2>/tmp/rpt24432c | selorchuser -iU -oS >/tmp/rpt24432d 2>/tmp/rpt24432e)"

The report has been corrected so the message no longer displays.

Request Group Reports

Corrections

Remove Select Request Report Displays Complete List of Request Selection Options

In the Selection Criteria tab of the Remove Select Request Records (Remrequest) report, the Request Selection area was showing only the Date Viewed selection option. Previously, the Request Selection area had many selection options, such as Type, User Access, and Status. The Request Selections for this report have been changed so the complete list of Request selection options displays.
Serials Group Reports

Corrections

Delete Serials Claims Report (Delserclaim) Uses Correct Reason Policy

The Delete Serials Claims report is used primarily to remove incorrect serial claim records created by a Prediction as Late report that was run in early versions of Unicorn99 using incorrect selections. Previously, the Delete Serial Claims report would run with the Status of OK, but would report an error in the log. An incorrect policy definition was used for the claim reason. This has been corrected.

Statistics Group Reports

Corrections

Charge and Renew Reserve Statistics Corrected When Upgrading from Version 2001

Until Unicorn Version 2001, the Charge Reserve and Renew Reserve commands were incorrectly being counted as Charge Item and Renew Item. In Version 2001 this condition had been corrected. However, the change was not copied to the Version 2002 and Version 2003 deliveries, so sites that upgraded from Version 2001 were again experiencing the incorrect reserve statistics. Versions 2002 and 2003 have now been corrected and Charge Reserve and Renew Reserve Statistics are correctly reported.

Text Report Group

Enhancements

New Reports Added to Support the Enhanced User Search Feature

Three new reports have been created to support the Enhanced User Search feature, which allows library staff to search for user records by extended information or addresses. The new reports are named as follows.

- Add, Delete, Update User (Aduusertext)
- Rebuild User Database (Rebldusertext)
- Reorganize User Text Dictionary (Reorgusertext)

The new reports have been added to the Text group of reports.
Add, Delete, Update User (Aduusertext) Report

The Add Delete Update User (Aduusertext) report re-indexes the full text records to keep up with added, deleted and updated information for user data.

When new records are added to Unicorn, or modifications are made to existing records, the report indexes the words in the records so they can be searched and browsed in the user lookups. When users are removed, the report updates the library user information and text indexes so that all references to words in that user record are erased.

The Add, Delete, Update User report should be run daily, and preferably during nighttime hours when there are fewer users updating the system.

Note When this report is run using the Windows Server client/server environment, other Unicorn services cannot also be running. These services are halted and restarted automatically by the report, but users will experience timeouts because servers will be down during the report run time.

Rebuild User Database (Rebldusertext) Report

The Rebuild User Database (Rebldusertext) report removes and recreates the user database, which is used for user searching, from the Unicorn database. This report typically is run to rebuild the user information databases if user searches have difficulty retrieving recently added users, or retrieve incorrect users soon after they were added or modified.

Two types of databases are rebuilt when the report runs:

- The User Text Database is the library's primary permanent data.
- The User Dynamic Database is the index that is created when new users are added by the workstation prior to running the Add, Delete, Update User (Aduusertext) report.

Caution Only run the Rebuild User Database report under the direction of Sirsi Client Care.

Note When this report is run using the Windows Server client/server environment, other Unicorn services cannot also be running. These services are halted and restarted automatically by the report, but users will experience timeouts because servers will be down during the report run time.

Reorganize User Text Dictionary (Reorgusertext) Report

The Reorganize User Text Dictionary (Reorgusertext) report reorganizes user text dictionaries for all indexes. It reorganizes files, recovering disk space and optimizing performance.

This report should be run at least weekly.
Text Group Reports

Corrections

Reorganize Text Dictionary Report Halts and Restarts Unicorn Services for Windows Server Systems

When the Reorganize Text Dictionary (Reorgtext) report is run using the Windows Server client/server environment, other Unicorn services cannot also be running. These services are halted and restarted automatically by the report, but users will experience timeouts because servers will be down during the report run time. Sirsi recommends running this report at night or when few users would be using the library system.

Users Group Reports

Enhancements

New Search Interests Suggestions Report

A new report, the Search Interest Suggestions report is now be available. This report mimics the Searchinterest report but it will not result in a copy level hold being placed. This report only lists a user’s interests.

Corrections

Current User Statistics Report Gives Results

The Current User Statistics (Userstat) report was not selecting any user records and not giving any results even though various valid user and output selections were specified. The report has been changed so that it correctly selects user records and prints the results according to the output option selections.

User ID Recorded to History Logs When Using the Update User Status Report

When the Update User Status (Setuserstatus) report was run, the user IDs in Edit User transactions were not recorded in the history logs. The Update User Status report will now add the user ID to the history log for the Edit User transactions.

List of Suspensions Report Honors User Suspension Selections, Prints Selections in Report Output

The List of Suspensions (Susplist) report ignored the user suspension selections that were configured on the Selection Criteria tab in the report. As a result, the report output did not contain the information requested by the user.
In addition, the report was not listing in the report log which user suspension selections were made, so troubleshooting the report was difficult.

The List of Suspensions report has been corrected to use the specified user suspension selections when creating the report output, and to list the selections that were made to produce the report in the report log.

UnicornECOLE Reports

Corrections

Date Viewed Field Deleted

The Date Viewed field in the Remove Suggestion Box (remsuggestion) report no longer displays. This field was set permanently to NEVER and was not an integral part of the report process. Used exclusively by some UnicornECOLE clients, this report has been replaced by several reports in the Request Group.

Reports in the Requests Group display Date Viewed field. Here a user can indicate when the report was last viewed at the designated library.


The Checkout to Missing (Setmissing) report was designed to require a password, but previously a user could run this report without it. This has been changed.

Hold and Library Selection Corrected in UnicornEcole Report

The Collection Development by Holds Report (Colldevbyholds) report selections were previously not correct. Now these have been corrected.

My Titles Group Reports

Corrections

Shelf List by Item Cat1 Report No Longer Causes Server to Run Out of Disk Space

When the Shelf List by Item Cat1 (Shelflstbyict1) report was run, the Unicorn server would run out of disk space, and the report would never successfully complete. The Shelf List by Item Cat1 reports has been corrected so the server no longer runs out of disk space, and the report finishes properly.
My Circulation Group Reports

Corrections

Collection Status (Collectionstat) Report Uses Library Selection to Customize Output

The Collection Status (Collectionstat) report was ignoring the Library selection on its Selection Criteria tab. As a result, information for all libraries in the system appeared in the output instead of just for the selected library.

The Collection Status report has been corrected to use the Library selection to include information only for the specified library in the output.

Reports Selecting by Group ID Now Match Exactly

Previously, reports which selected on Group ID were using a browse technique to find values, as opposed to an exact match. This was particularly frustrating in UnicornEcole sites, where Group ID is the Homeroom selection in frequently used reports.

Example:
The following homeroom/group IDs may be selected.
If a user wanted to select only those students in homeroom 108, it would not be possible because students in all four of these homerooms would be retrieved.

The following reports in the My Circulation group have the Group ID selection.
- Detailed List of Overdues, Bill Report (Overduesbills)
- List Users with Checkouts Report (Usercheckouts)
- List My Users with Bills Report (Userswbills)

Now when the Group ID selection (or Homeroom in UnicornEcole) is used in one of these reports, the exact value is selected.

Detailed List of Overdues, Bill Report (Overduesbills) Corrected

The Detailed List of Overdues, Bill report in the My Circulation group of reports was previously not selecting and printing bills as expected. If a user had a bill which was not associated with an item, that bill would not be printed in the Detailed List of Overdues, Bill report. Now the report prints a bill even if it is not associated with an item.
Request

General

Corrections

Replied Date No Longer Resets Automatically

Previously, in the Modify Request and Duplicate Request wizards, the Replied Date field would automatically reset to the last day the request was modified when the status of the request was Replied.

This has been corrected and the Replied Date no longer automatically resets.

Printing Requests from File Menu Corrected

Previously, if a user printed a request by selecting File/Print from the File menu, some of the words in the request would be cut off, even though the complete text would display in the request wizard windows. This only happened when the request text would wrap to the next line. Manipulating word wrap options and margins in Wordpad or Notepad would not correct this problem.

It was found that the print boundary was 80-characters when printing from the File menu. In WorkFlows, the request text was word wrapping beyond that 80-character boundary. This has been corrected.

Title/Author/Barcode/Call Number Display Corrected

Previously, the request wizards would truncate the title/author/barcode/call number display which appears at the top of the wizard windows. The call numbers and barcodes were truncated to only 12 characters. Also, when the user selected to print a request record, the print application would truncate the barcode/call number display, rather than wrapping the text to a second line.

This has been corrected. The title/author display has been expanded and appears on one line, while the item ID and call number display (which has also been expanded) appears on a separate line.

Duplicate Request Command Corrected

Previously, a user was unable to duplicate a request using the Duplicate Request command. After typing the new request ID, then the old request ID, and clicking OK, the following message displayed.

DUPLICATE REQUEST Error - This command cannot continue because: request type Required field missing

The Duplicate Request command was not carrying over the request type, which is required in a request.
This has been corrected. The Duplicate Request command no longer requires a request type when initially creating the request. The same request type as the request being duplicated will be used.

Item Lookup Helper Item Information Platform Button Corrected

When using the Item Lookup helper in request wizards, only the call number appeared on the item information platform button; no author/title information appeared. When the user clicked this platform button, the item glossary window did not open, and the wizard displayed the following message.

Call number required field missing

Also when modifying a request, there were times when the item information platform button would display information from the previously viewed item.

Corrections have been made to the Item Lookup helper so that the item information platform button now displays the correct call number, author, and title information, and displays the current item glossary information when clicked.

Unable to Lookup Requests by Alt ID

Previously, when the user selected to search requests by Alt ID, the Request Lookup would display all requests. This has been corrected.

Lookup User Gadget Corrected for Request Wizards

Several problems could occur while using the Lookup User gadget in request wizards.

- In the Alt ID field, the Lookup User gadget would fill in an erroneous ID when searching an alt ID that was in lower-case and did not exist.
- The gadget would sometimes fill the Alt ID field with the user ID when the user searched an alt ID with lower-case letters.
- The gadget would sometimes fill in the wrong user name when the user searched an alt ID that did exist.

The Lookup User gadget is used in other wizards, and typically only returns the user ID for these wizards. Now, this gadget has been corrected to return both the user ID and the associated alt ID for the request wizards.

Changing a Request’s Status to REPLIED Did Not Update Date Replied

Modifying a request to give it a status of REPLIED did not update the Date Replied field. The Request Status policy, REPLIED, does have the Update Reply Date attribute selected.

This has been corrected.
User Lookup Gadget Displayed Erroneous Characters when User Not Found

When the User Lookup gadget was used in request wizards, it sometimes would display erroneous characters in the Alt ID box when the user was not found.

This has been corrected.

Current or Search Radio Buttons Not Displaying

In request wizards, even though the Current or Search radio buttons were selected in default properties to display, they did not appear in the Lookup Request window.

This has been corrected.

Screen Print of Request Truncated Request Text

While using the request wizards, when a user attempted to make a screen print of a request (using the File menu Print option) some of the request text was truncated. Lines that contained more than 80 characters were cut off. This has been corrected.

Create Request Wizard

Corrections

Warning Messages Display Consistently for Empty Required Request Fields

Previously, if a user created a request with blank required fields, a “required request/reply information missing” message displayed, but the creation of the request record was allowed anyway. For some request types, the request record was created with empty required fields, and no warning message displayed.

This has been corrected. Now, warning messages consistently display when users create requests with blank required fields, and the requests will not be created until the fields are properly filled in.

User Lookup Gadget for Create Request Wizard Corrected

Previously, when creating a new user through the User Lookup gadget for the Create Request wizard, the gadget was populating the User ID and Alt ID fields with erroneous information. This happened when a user did the following.

1) In the Create Request wizard, the user selected the Lookup User gadget for the Alt ID field, and entered an alt ID that did exist, but in lower-case letters (such as sirsI). A “user not found” message displayed.

2) The user entered an alt ID that did exist, but in capital letters (such as SIRSI). The Display User List appeared.
3) The user clicked the Create button, and created a new user record.

4) After the user was created, the User ID field contained the value q0, and the Alt ID field contained the value q1.

This has been corrected.

Create Request Wizard Retaining Item IDs

When creating a request that required an item ID (such as an Academic Reserve request), then creating another request that didn’t require an item ID (such as a Change Address request), the item ID from the first request was retained. It appeared in the Item ID field and on the item information platform button for the new request, when in fact, the Item ID field should not appear at all in this type of request.

The Create Request wizard has been corrected to not retain the item ID from a previous request when creating a new request.

Create Request Wizard Corrected

When using the Create Request wizard, if the extended information fields (which are not required fields) were empty, the wizard displayed the next steps, but it also displayed the following message.

Required request/reply information missing

The Create Request wizard has been changed to accept empty extended information fields, and other fields that are not required by the request format.

Create Request Wizard Would Not Carry Over Current Item ID and Call Number

When a user performed a search using the Item Search and Display wizard, viewed the detailed display of an item, then clicked the Create Request wizard, the current item ID and call number would not carry over to these fields in the new request.

Now, the Create Request wizard has been corrected to carry over the item ID and call number information to the new request.

Create Request Wizard Status Default Not Set

Previously, even though a user selected a default status in the Create Request wizard properties, the selected status would not be set in the Create Request window. The status always defaulted to NEW.

This has been corrected.
Display Request Wizard

Corrections

Display Request Wizard Glossary Truncating User ID

In the Display Request wizard when a list of requests is displayed, clicking a request ID displays the glossary for the request. In this glossary, a long user ID could be truncated. Now, the User ID field size for the glossary has been increased to 20 characters so that long user IDs fully display.

Modify Request Wizard

Corrections

Changing a Call Number in Modify Request

When using the Modify Request wizard, if a user changed the call number, but did not clear the item ID, the call number change was not saved. The wizard was biased toward the item ID field, reading this field first and saving only the call number/item information related to that ID, whether or not the call number had been changed.

This has been corrected. The Modify Request wizard has been changed as follows.

- Determine whether or not the item ID or call number has been changed.
- Delete the item linked to the request if both fields are cleared.
- If the call number is changed and the item ID stays the same, the call number will be read, and the related call number/item information will be saved.
- If the item ID is changed and the call number stays the same, the item ID will be read, and the related call number/item information will be saved.
- If both the item ID and call number have changed, the item ID will be read, and the related call number/item information will be saved.
SIP2 Server

General

Enhancements

SIP2 Server Now Uses Messages File

The SIP Server software now uses the messages file found in /Unicorn/Language/Delivery/system language. A block of messages (18100-18149) is used to create the screen messages that are returned to the self-check unit. In addition, other current messages such as User Delinquent (#204) are now used. Users are able to adapt the text of the self-check messages to allow for cultural differences.

No Block Flag for Sending Offline Transactions

Sirsi’s SIP2 Server software has been enhanced with a No Block option that allows transactions to be sent to the server regardless of patron or item statuses. This option is used when the self-check workstation has been running offline, and transactions need to be loaded to the Unicorn server. If this option is set to Yes, item check out, check in, and renewal transactions that occurred while the self-check server was offline can be loaded to the Unicorn server without requiring overrides for patron or item status blocks.

Note: The vendor documentation explains how to configure this No Block option on the self-check unit.

Self-check Denied Capability Added

A policy has been added to the SIP2 Server which allows libraries the capability to prevent items from being processed by the self-check unit. The sip2.cfg file has been modified to include the SELFCHECK_DENY_POLICY and SELFCHECK_DENY fields. Use of these fields is optional. These fields are completed exactly like the POLICY and MAGMEDIALIST fields that are currently in the configuration file, where the administrator can list policy types and policies to be excluded from check out. However, the SELFCHECK_DENY_POLICY field may not include the Location policy (LOCN).

If a library user attempts to check out or check in an item with a type that is in the list, the transaction is not processed, and the self-check unit displays the following message.

Transaction prohibited for this item. See Librarian.

Hold requests and renewals are also prohibited. Item information requests are honored and information will display, but the prohibit message will also display.

The following lines have been added to the sip2.cfg file immediately following the SORT_BIN entry.
SELFCHECK_DENY_POLICY|Unicorn policy type, either ITYP, ICT1, or ICT2|
SELFCHECK_DENY|appropriate Unicorn policy list|

**Example**

To deny check out or check in of music CDs and DVDs, the following lines were added to the configuration file.

SELFCHECK_DENY_POLICY|ITYP|
SELFCHECK_DENY|CD, DVD|

**Patron Status Information Enhanced**

Sirsi’s SIP2 Server originally based the return of patron status information on the SIP1 protocol which included only four types of patron status information. The Patron Status Response (24) or Patron Information Response (64) of the SIP2 protocol includes up to 14 types of patron status information. Sirsi’s SIP2 Server now includes additional types of patron status information, including the following.

- Charge privileges denied
- Renewal privileges denied
- Recall privileges denied
- Hold privileges denied
- Card reported lost
- Excessive outstanding fines
- Too many items charged
- Too many items overdue

**SIP2 Server Converts Birth Date Format in User Extended Information**

Depending on the selection made in the self-check configuration file (sip2.cfg), the SIP2 server now converts the date in the BIRTHDATE user extended information entry to either the YYYYMMDD or MMDDYYYY format, and returns this information to the self-check unit.

**SIP2 Server Now Processes Reserve Room Items**

The SIP2 Server software has been enhanced to process the check out, check in, and renewal of reserve room items. If the configuration file contains the RESERVE_ROOM entry, and this entry is set to Y for Yes, self check units are allowed to process reserve room items. If this entry is not inserted for a given port, then the self check servers connected to that port will, by default, not process reserve room items.

The RESERVE_ROOM entry may contain a value of N (No) or Y (Yes), and is found in the sip2.cfg file after the SELFCHECK_SUPPORTED_MESSAGES entry.
Corrections

SIP2 Server Did Not Account for Single Library System

While using 3M SelfCheck machines, users noticed that the machines could experience communication breaks from the server, then shut down. This happened intermittently. It was found that the SIP2 Server software was not accepting requests from these self-check machines. Previously, the design of the SIP2 Server software did not account for a single library system, and as a result, would reject requests from a self-check machine configured for a single library.

This has been corrected. Now, the SIP Server software can be configured for a single library.

Self-Check Server Now Returns Birth Date from User Extended Information

The patron information response for self-check servers includes the user's birth date. Previously, the self-check server just searched the user record for the birth date, but the user record stored birth year only. Now, the self-check server searches user extended information for the BIRTHDATE entry. If found, this information will be sent to the self-check unit. Otherwise, the birth year information from the user record will be sent to the self-check unit.

SIP2 Server Windows Service Shut Down

Previously, when the SIP2 Server sipstarter program was running as a service on Windows servers platforms, if a stop service was initiated, the associated sipsession and sipserver processes were not stopped.

This has been corrected. The sipstarter program has been modified to execute the termination command, and logic has been added to scan the processes list and terminate all copies of sipsession found. Terminating sipsession will automatically terminate the associated copy of sipserver.

SIP2 Configuration and Table Files now Include only Standard Delivery Unicorn Policy Values

Previously, the SIP2 server failed to start. It was found that the sip2.cfg and sip2.tbl files contained erroneous policy values, which interfered with the server session start up. Now the SIP2 configuration and table files only include standard delivery Unicorn policy values where these values are absolutely required.

Patron Status Reporting

The SIP2 Server will now display the message USER DELINQUENT (or the equivalent translated message) rather than “OK” for patrons who are delinquent. A delinquent patron will have no other effect on the SIP2 Server.
Serials Control

General

Enhancements

Serials Control Wizards Now Validate ISBNs and ISSNs

Each serials control wizard now has a new behavior property, ISXN Warnings Must Be Acknowledged. If the property is selected, the wizards will display a warning if the SISAC ID in the control record contains a invalid ISBN or ISSN. The user can either correct the ISBN or ISSN, or acknowledge the warnings and continue. The warning dialog displays separate lists for invalid ISBNs and invalid ISSNs.

Note: Invalid ISBNs or ISSNs are not prevented from being saved to the serials control records.

Depending on how the Unicorn system is configured, the presence or absence of spaces and hyphens in the ISBN/ISSN can be allowed or prohibited.

Corrections

Extended Information Fields Not Displaying Correctly After Upgrade

After upgrading to Version 2003, when serial issues were checked in and copies were created, the extended information fields were not updated. As a result, users saw blank or empty extended information fields when searching these items. Editing these fields caused database errors. The serial control programs still referenced the obsolete item comments rather than the new item extended information fields. This has been corrected.

Remove Control Command Corrected—InfoVIEW Clients Only

When using InfoVIEW clients, the Remove Control command would sometimes display the wrong serial control record for the selected control ID, or display messages about catalog database errors when, in fact, there were no errors. The Remove Control command has been corrected.

Transfer Routings Next Step Corrected

When modifying a serial control record, if a user attempted to transfer routings from one patron to another using the Transfer Routings next step and the patron to transfer routings to was selected using the User Lookup gadget, the transfer dialog displayed a message like the following.

The following routing(s) were transferred from user 5324 to user 5324
The routing failed to transfer; instead, it was transferred to the same patron. This only occurred when the Lookup User gadget was used to select the patron to transfer routings to.

This has been corrected.

Check In Issues of a Serial Wizard

Corrections

Check In Issues of a Serial Wizard Marking All Issues as “Routed”

As libraries have been using the new New Routing Slips (newroutingslip) report, they have found that the report would not print routing slips. It was discovered that the Check In Issues of a Serial wizard was creating this problem.

The Check In Issues of a Serial wizard always displayed the routing list if there were routings for the issue or copy being received, even though the Print Routing Lists for Received Issues behavior property was not selected. Previously, this did not cause a problem. If the user did not want to print the routings, she just clicked Cancel instead of OK on the routing list display; however, this would increment the copies routed counter in the distribution record, causing Unicorn to believe that a routing slip was printed. The previous routing slip report programs did not reference this counter. The new report program now references the copies routed counters in the received issues' distribution records, and in these instances believed that routing slips were already printed.

The Check In Issues of a Serial wizard has been corrected. An issue's routing list displays only if the Print Routing Lists for Received Issues behavior property is selected. If this behavior property is not selected, the issues received will not be marked as having been routed, and the New Routing Slips report will print routing lists for these issues.

According To Pattern Check In Option Not Displaying

In some instances, the According To Pattern check in option would not display when using the Check In Issues of a Serial wizard. This occurred when the user was checking in an issue for a serial title with several control records in the following manner:

1) Select a title that has two control records for different libraries.
2) Select the control record for the first library (which has no predictions), and click Check In Issues.
3) In the Receive Without Predictions window, click the According to Pattern radio button.
4) Type the appropriate Volume and Chronology information, and click Check In.
5) Click Next Issue, but then click Cancel.
6) Click Control List.
7) Select the next control record (which also had no predictions) for a different library, and click Check In Issues.

8) In the Receive Without Prediction window, the According To Pattern radio button will not display. This option would only display when the user performed a new lookup, or quit the wizard, and started the check in process over again.

The Check In Issues of a Serial wizard has been corrected to always display the According To Pattern option when receiving issues without a prediction.

Checking In Serial Issues Duplicated Enumeration in Call Number Subfield z

If a serial control record contained only enumeration information, and an issue was checked in with the Form of Name to Display in Catalog set to Both, the Check In Issues of a Serial wizard would duplicate the enumeration to the subfield z of the call number. The data in the Chronology field would contain the same information that existed in the Numeration field.

The Check In Issues of a Serial wizard has been corrected. If the Chronology Type for a serial control is of the type Enumeration, then the prediction's chronology name is not added to the issue label.

Modify a Serial Control Wizard

Corrections

Modify a Serial Control Wizard Now Allows Empty Values for Fiscal Cycle and Vendor ID

Previously, users could not set empty values for the Fiscal Cycle and Vendor ID fields in the Modify a Serial Control wizard. This has been corrected.
Sirsi Voice Automation and TalkToMe

General

Corrections

TalkToMe Accepts User ID and PIN

TalkToMe was not recognizing the entered user ID and PIN when patrons called in after the Unicorn 2003 upgrade was performed, and would give the following message.

Invalid barcode or PIN number.

The TalkToMe module has been corrected to accept the entered user ID and PIN when patrons call in.

Reports

Enhancements

Notify User via Phone (Notifyviaphone) Report Now Has Output Options

The Notify User via Phone (Notifyviaphone) report has been enhanced with output options that specify the setting to be entered in the NOTIFY_VIA entry in user records. Previously, this report would only enter PHONE in the NOTIFY_VIA entry. Now, the report can be configured to enter PHONE, EMAIL, or MAIL in the NOTIFY_VIA entry.

The Output Options tab of the Notify User via Phone report has the following options.

- Overwrite Existing NOTIFY_VIA Fields determines whether or not existing information in the NOTIFY_VIA field will be overwritten in the user record. If Yes, the information currently in the NOTIFY_VIA field is replaced according to the selected output options below. If No, the information currently in the NOTIFY_VIA field is retained. The default selection is No.

- Insert EMAIL If Valid Email Found specifies whether or not EMAIL is entered in the NOTIFY_VIA field when the email address in the user record is determined to be valid, and no valid phone number exists in the user record. If Yes, then EMAIL is entered in the NOTIFY_VIA field. If No, the NOTIFY_VIA field is not modified. The default selection is Yes.

Note: An email address is considered valid if it contains an at sign (@), contains at least one period (.), and does not contain spaces.

- Insert PHONE If Valid Phone Number Found specifies whether or not
PHONE is entered in the NOTIFY_VIA field when the phone number in the user record is determined to be valid, and no valid email address exists in the user record. If Yes, then PHONE is entered in the NOTIFY_VIA field. If No, the NOTIFY_VIA field is not modified. The default selection is Yes.

**Note** A phone number is considered valid if it is made up completely of digits, and contains at least seven digits. When the phone number is evaluated, any parenthesis, hyphens, and spaces used in the phone number are removed before the remaining characters are tested.

- If a Valid Email and Phone Are Found, Default To determines which string is entered in the NOTIFY_VIA field when both the email address and phone number in the user record are determined to be valid. If Email, then EMAIL is entered in the NOTIFY_VIA field. If Phone, then PHONE is entered in the NOTIFY_VIA field. If Mail, the NOTIFY_VIA field is set to MAIL. The default selection is Email.

- If No Valid Email and Phone Are Found, Default To determines which string is entered in the NOTIFY_VIA field when both the email address and phone number in the user record are determined to be invalid. If Email, then EMAIL is entered in the NOTIFY_VIA field. If Phone, then PHONE is entered in the NOTIFY_VIA field. If Mail, the NOTIFY_VIA field is set to MAIL. The default selection is Mail.

**Two Reports Enhanced to Handle Failed Calls and Produce Notices**

In SVA, failed communications continue to be tried again, according to the time set between attempts. After the number of attempts limit set in the sva_config file is reached, the Failed Calls (Failedcalls) report or the Failed Call Notice Printing (Failedcallsrpt) report can be used to create notices for patrons who could not be contacted.

The reports create overdue, bill, and available hold notices for each user, save the notices to a file, and remove the notices from the communication record. Only the Failed Calls report updates the Number of Notices Sent counter; if the Failed Call Notice Printing report is used, another notice report specific to the notice type (such as the Hold Pickup Notices [Pickup] report) must be run to increase the Number of Notices Sent counter.

The Failed Calls (Failedcalls) and Failed Call Notice Printing (Failedcallsrpt) differ as follows.

- **By how the information is divided**

  In the Failed Calls report, the information is divided by notice type. This report lists all users who have unpaid bills, then lists all users with available holds, and then all users who have overdue items. If the staff decides to send notices by email, up to three different emails will be sent to a user (one for unpaid bills, one for available holds, and one for overdue items). If the staff decides to send paper notices, all of the notices must be gathered manually to be sent to each user.

  In the Failed Call Notice Printing report, the information is divided by user. All user information is printed on a page, and all of the bills, available holds, and overdue items are shown for each user.
• By the option to count running the report as a notice sent

In the Failed Calls report, options allow staff to decide whether or not running this report will increase the counter for the number of notices sent.

In the Failed Call Notice Printing report, staff must run another report (such as the Hold Pickup Notices report) to increase the counter for the number of notices sent.

• By how the reports are used

The Failed Calls report is most frequently used to create email or paper notices that are sent to the patron.

The Failed Calls Notice Printing report is most often used by library staff who personally notify via the telephone the patrons listed in the report about overdue items, bills, and available holds.

New Output Option for Sirsi Voice Automation (SVA) Reports

A new output option has been added to the following SVA reports.

• Prepare Notices Report (Prepnotices)
• Failed Calls Report (Failedcalls)
• Failed Call Notice Printing (Failedcallsrpt)

Now when these reports are run, the user may select to create a notice for each type (overdue, bill, or hold) of communication when the report is run, or may select to remove any of the notice types from the communication. If a notice is removed, and no more notices exist per the communication, the communication is also removed and the user is no longer contacted.

Corrections

Message No Longer Displays When Running the Rollover Dated Orders Report

The Rollover Dated Orders (Rolldatedord) report would display the following message in the report output.

**Data must be all digits -A-A

The report has been corrected so the message does not display in the report output.
General

Corrections

User ID Allows a Maximum of Twenty Characters

Previously in Standalone WorkFlows, the User ID only allowed a maximum of fourteen characters instead of twenty characters, which is the maximum allowed for the User ID in WorkFlows.

Now the User ID in Standalone WorkFlows can include a maximum of twenty characters.
System Configuration

General

Enhancements

Zip Code and Postal Code Access Is through Entry Type

In earlier versions of Unicorn, reports and programs accessed the Zip Code entry from user address VED entries, using the Zip Code entry number (9004). This caused problems for countries other than the U.S. which use postal codes instead of zip codes. The problem was found specifically in reports, where the zip code/postal code sorting searched for the 9004 (Zip Code entry number), but the Postal Code entry had a different entry number (9019), and report results could not be sorted by postal code.

Now, Unicorn programs and reports have been changed to access zip codes through an entry type z, named “Zip code.” This entry type is common for both zip code and postal code. Reports are able to sort by zip codes or postal codes, as long as the entries have an entry type of z.

The user address formats for new Unicorn deliveries will reflect this change. Existing sites will need to modify their user address formats and select the Zip Code entry type for the Zip Code and/or Postal Code entries.

To select an entry type for an address format entry, do the following.

1) On the Config toolbar, click the User Configuration wizard.
2) Click a user address format button (Address 1, 2, or 3).
3) Click the Entries tab.
4) Select the Zip Code entry (or Postal Code entry) and click Modify.
5) On the Basic tab, click the gadget next to the Entry Type text box.
6) Select Zip Code, then click OK.
7) Make this change to the other address formats as needed.
8) Save your format changes. These changes will appear after the next halt and run of the workstation server.

User Address and Extended Information Format Changes for Enhanced User Search Feature

Unicorn users can now search for a user by any part of the user address or extended information fields. Changes have been made to the User Address and User Extended Information policies to support this feature. Two new fields display on the Basic Tab for user address entries and user extended information.
entries: Searchable Flag and Search ID. Entries marked as searchable will now be indexed in the BRS index, and will be fully searchable. These entries will be dynamically indexed as they are created, modified, or deleted.

Additionally, two new fields have been added to the user extended information. Previous User ID1 and Previous User ID2 allow libraries to track a user's previous ID(s) when a his or her user ID is changed, for whatever reason. The PREV_ID and PREVID2 entries have been added to the User Extended Information Format policy.

The following entries are now marked as searchable in the User Address 1, User Address 2, and User Address 3 policies. Search IDs for these entries are indicated in parentheses.

- DAYPHONE (PHON)
- HOMEPHONE (PHON)
- PHONE (PHON)
- WORKPHONE (PHON)
- EMAIL (EMAI)
- STREET (SLAD)
- COMPANY (CNAM)

The following entries are now marked as searchable in the User Extended Information Format policy. Search IDs for these entries are indicated in parentheses.

- LICENSE (AID1)
- SSN (AID2)
- STUD_ID (AID3)
- PREV_ID (PID1)
- PREV_ID2 (PID2)
- NOTE (NOTE)
- STAFF (NOTE)
- COMMENT (NOTE)

**Note:** Upgrade scripts to Version 2003.1 will convert the existing User Address and User Extended Information format entries to be searchable entries. If the site has modified the User Address and Extended Information formats to the degree that the upgrade scripts cannot recognize and modify these entries, no enhanced user searching will be enabled. The Unicorn Administrator will have to apply the search IDs directly to the formats or contact Sirsi Client Care for assistance.

**Making a User Address or Extended Information Entry Searchable**

If the Version 2003.1 upgrade scripts were unable to enable enhanced user searching on the library's system, it may be necessary for the Unicorn Adminis-
trator to apply the search IDs to the user address and extended information formats manually.

To make a user address or extended information entry searchable, do the following.

1) Click the User Configuration wizard.

2) Click an Address Format button (or User Extended Information button) to display the Address Format policy.

3) Click the Entries tab to display a list of entries used in the Address Format policy.

4) Find the entry that should be added to a search, scrolling down if necessary, and select it. Click Modify. The attributes of this entry are listed.

5) Click the Searchable Flag: Yes radio button to make this entry searchable.

6) Select a search ID value from the drop-down list. If uncertain which search ID to select, contact Sirsi Client Care.

7) Click OK.

8) Repeat the previous steps for other searchable entries.

9) Click OK. The format changes will display in the next halt and run of the workstation server.

10) Run the Rebuild User Database report to build the new indexes and apply these changes to your user database.

11) Next, you need to create a User Search Fields policy so the new index will appear in the drop-down list in User Search. On the Config toolbar, click the Global Configuration wizard.

   Click the User Search Fields policy button, and create the new search index policy. Be certain to select the same Search ID value that you selected for the newly indexed entry.

   After the next halt and run of the workstation server, the new search index will appear in User Search.

**New Library Policy Attribute Supports List Onshelf Items with Holds Report**

A new attribute has been added to the Library policy to support the List Onshelf Items with Holds report processing. Libraries are often measured for performance in various ways, including the average number of days it takes to satisfy a hold. If the List Onshelf Items with Holds report is run on a day that a library is closed, the library loses a day of processing time, which in turn affects the performance measure.

The Closed Dates in List Onshelf Hold Report attribute in the Library policy is used to determine whether or not closed dates should be considered when libraries are selected for inclusion in the List Onshelf Items with Holds report. Click Yes to consider closed dates, or click No to ignore closed dates.
When running this report, if the report is set to consider TODAY as the closed date, the report checks to see if the library is closed on the current date. If so, the library’s items are not selected to fill holds. If the option is set to consider TOMORROW as the closed date, the report checks to see if the library is closed the next day; if so, the library's items are not selected to fill holds for that day.

**ISBNs Now Validated in Unicorn**

Now when users enter ISBNs in the Unicorn system, the character string is evaluated, digit-by-digit, to assure that the ISBN is valid according to the applicable rules. This involves a calculation, using digits one through nine, and then a comparison of the tenth digit to an expected value. If the final digit is the expected value, the ISBN is valid. ISBNs that include hyphens will also be validated. Unicorn will notify the user if an invalid ISBN is entered.

**New Search Name Mapping Policies**

Two new Search Name Mapping policies have been added to the Unicorn delivery.

- Sirsi Smart Source Databases (SMRTSRC)
- Bath Profile Level 0 (BATH_LVL0)

**Sirsi Smart Source Databases**

Sirsi Smart Source mapping allows validated libraries to have access to authority record service through SmartPORT. The following new Use Attributes have been added to support the Sirsi Smart Source Database searches.

<table>
<thead>
<tr>
<th>Use Attribute Number</th>
<th>Use Attribute Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>10571</td>
<td>SMARTSRC_ISBN</td>
</tr>
<tr>
<td>10572</td>
<td>SMARTSRC_ISSN</td>
</tr>
<tr>
<td>10573</td>
<td>SMARTSRC_LCCN</td>
</tr>
<tr>
<td>10574</td>
<td>SMARTSRC_NOTE</td>
</tr>
<tr>
<td>10575</td>
<td>SMARTSRC_NUMBER_ID</td>
</tr>
<tr>
<td>10576</td>
<td>SMARTSRC_NUMBER</td>
</tr>
</tbody>
</table>

The SMRTSRC Name Mapping policy includes the following mappings:

<table>
<thead>
<tr>
<th>Mapping</th>
<th>Use Attribute</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCCN</td>
<td>Search: SMARTSRC_LCCN</td>
</tr>
<tr>
<td>SUBJECTPH</td>
<td>Search: UNICORN_DELIV_SUBJECT_PHRASE</td>
</tr>
<tr>
<td></td>
<td>Scan: UNICORN_DELIV_SUBJECT_BROWSE</td>
</tr>
</tbody>
</table>
The Bath Profile Level 0 mapping provides the first level of Bath-compliant search functionality. The BATH_LVL0 Name Mapping policy includes the following mappings.

<table>
<thead>
<tr>
<th>Mapping</th>
<th>Use Attribute</th>
</tr>
</thead>
</table>
| TITLE     | Search: UNICORN_DELIV TITLE_KEY  
Scan: UNICORN_DELIV TITLE_BROWSE |
| AUTHOR    | Search: UNICORN_DELIV AUTHOR_KEY  
Scan: UNICORN_DELIV AUTHOR_BROWSE |
| TITLEPH   | Search: UNICORN_DELIV TITLE PHRASE  
Scan: UNICORN_DELIV TITLE_BROWSE |
| SUBJECT   | Search: UNICORN_DELIV SUBJECT_KEY  
Scan: UNICORN_DELIV SUBJECT_BROWSE |
| ANYPH     | Search: UNICORN_DELIV ANY PHRASE |
| ANY       | Search: UNICORN_DELIV ANY KEY |
| ISSN      | SMARTSRC ISSN |
| NUMBER    | SMARTSRC NUMBER |
| AUTHORPH  | Search: UNICORN_DELIV AUTHOR PHRASE  
Scan: UNICORN_DELIV AUTHOR_BROWSE |
| NOTE      | SMARTSRC NOTE |
| NUMBER-ID | SMARTSC NUMBER ID |

### Bath Profile Level 0

The Bath Profile Level 0 mapping provides the first level of Bath-compliant search functionality. The BATH_LVL0 Name Mapping policy includes the following mappings.

<table>
<thead>
<tr>
<th>Mapping</th>
<th>Use Attribute</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTHOR</td>
<td>BATH0_AUTHOR_KEY</td>
</tr>
<tr>
<td>TITLE</td>
<td>BATH0_TITLE_KEY</td>
</tr>
<tr>
<td>SUBJECT</td>
<td>BATH0_SUBJECT_KEY</td>
</tr>
<tr>
<td>ANY</td>
<td>BATH0 SUBJECT KEY</td>
</tr>
</tbody>
</table>
**Note:** The Sirsi Smart Source Databases and Bath Profile Level 0 Search Name Mapping policies and new Smart Source use attributes are delivered to new sites only. Existing sites will need to add the policies and attributes to their systems. For information about creating new Search Name Mapping policies, refer to the WorkFlows online helps.

**Use Attribute List Gadget for Search Name Mapping Policies Enhanced**

The Use Attribute List gadget used by Search Name Mapping policies now sorts the Search, Scan, and Sort Use Attributes by use attribute number, rather than alphabetically, making it easier to locate and select attributes for the policies. Furthermore, the use attribute numbers will appear in parentheses next to the use attribute names.

**Example**

The Use Attribute List gadget displays the following attributes to choose from for the DATE search name mapping (this is only a partial display).

- PERSONAL (1)
- CORPORATE (2)
- CONFERENCE (3)
- TITLE (4)
- TITLESERIS (5)
- TITLEUNIF (6)

**Auto Halt/Run for Multi-Unicorn Systems Improved—UNIX Only**

On Unix systems where more than one Unicorn was installed, the `auto_haltrun` script would indicate that some reports were running, but it could not tell which instance of Unicorn was running the reports. Now, the `auto_haltrun` script for multi-Unicorn systems has been enhanced to accurately report how many reports are running for each instance of Unicorn. The script examines the report files in the temporary report directory to find a list of process IDs and tests to see if any reports are active. In order for this to work properly, sites must set the temporary report directory to a different directory for each instance of Unicorn. As long as each `upath` entry is unique, it does not matter where the directories are, given that any user can write to the directory (such as `/tmp`) and there is sufficient disk space.

**Corrections**

**Description Attribute Changes after Modifying a Format Policy**

Previously, if a user modified anything about a Format policy, the description of the format would be cleared and no description would display.

This has been corrected.

**Entry Descriptions Exclude Pipe Character from Default Value Field**

If a user entered a `|` for the Default Value at Record Creation attribute in an entry description, as a result the Entry Description policy file was corrupted.
Since the pipe character is used as a delimiter in almost all Unicorn policy files, the Format policies were modified to exclude the pipe character from the Default Value at Record Creation attribute, and users are now prevented from entering the pipe character.

**Users Able to Create Format Policy Names that Were too Long**

Previously, some Format policies and the Language policy allowed users to create policy names that were longer than 10 characters. The system does not permit policy names longer than 10 characters.

This has been corrected. The screens for creating Format and Language policies have been corrected so that policy names longer than 10 characters cannot be created.

**User Access Policy Wizard Not Displaying User Access Lists**

In a previous version of Unicorn, the User Access List values of a User Access policy were emptied after a Unicorn administrator canceled the process of modifying the policy. After logging in with this User Access, users were unable to access any wizards.

Now, after modifying a User Access policy, if the Unicorn administrator viewed other User Access policies, their Access Lists were again emptied. However, the users who logged in with these User Accesses did appear to have access to the wizards. And this behavior was inconsistent. Sometimes the Access Lists displayed, and sometimes not.

This has been corrected. Changes have been made internally to the way the User Access policy processes the Access Lists.

**Auto Halt/Run Script for Unicorn for Windows Servers Corrected**

When running the `auto_haltrun` script for Unicorn for Windows Servers, the run time was very slow, and the system could display messages similar to the following.

```
Ipcm: The system cannot find the file specified
Arfserver: The specified service does not existed as an installed service
```

The `auto_haltrun` script was attempting to start all services, whether they were registered or not. Also, the script was repeatedly checking whether or not a service was started, which slowed the halt and run process considerably.

Now, the `auto_haltrun` script has been corrected to start and stop only the services that are registered, and to start these services faster.

**Editing Policies Corrected—Unicorn for Windows Servers Only**

When users attempted to save their changes after modifying policies, WorkFlows would sometimes display the following message.

```
Unable to remove file
```
This only occurred on Unicorn systems running on Windows servers. This has been corrected.

**Default Value for Browse Index Variation**

Even though a field was correctly configured as a hypertext entry, it was not presented as hypertext in the workstation. It was found that the Browse Index variation for that entry had neither the In Addition to Others nor Supersedes Others attribute selected. Selecting In Addition to Others and rebuilding the indexes achieved the desired result.

A default value for the browse index variations should be selected to keep this from recurring. Now, In Addition to Others is selected by default in new installations.

**New User Category Fields Moved to End of Pipe-delimited User Record Format**

Previously, the new User Category 3, 4, and 5 fields were placed immediately after the User Category 2 field in the pipe-delimited user record format. This created problems for sites whose user data were originally loaded with only the User Category 1 and User Category 2 fields; their data would need to be reordered to match the new record format.

This has been corrected. The User Category 3, 4, and 5 fields have now been added to the end of the pipe-delimited format. The new record format is as follows:

\[
\text{user alt ID}|\text{user ID}|\text{NAME}|\text{TITLE}|\text{useraccess*}|\text{userenviron*}|\text{ADDRFlag}|\text{Addr1 line1}|\text{Addr1 line2}|\text{Addr1 line3}|\text{Addr1 line4}|\text{Addr1 line5}|\text{Addr2 line1}|\text{Addr2 line2}|\text{Addr2 line3}|\text{Addr2 line4}|\text{Addr2 line5}|\text{Addr3 line1}|\text{Addr3 line2}|\text{Addr3 line3}|\text{Addr3 line4}|\text{Addr3 line5}|\text{department}|\text{usercategory1*}|\text{usercategory2*}|\text{birthyear}|\text{library*}|\text{location*}|\text{profile*}|\text{dateprivgranted}|\text{dateprivexp}|\text{datelastact}|\text{PIN}|\text{group ID}|\text{responsibility code*}|\text{clearance*}|\text{citizenship*}|\text{access restriction*}|\text{need to know*}|\text{routings active}|\text{usercategory3*}|\text{usercategory4*}|\text{usercategory5*}\
\]

*Note:* Policy fields are marked with an asterisk.

**Access Control Configuration**

**Corrections**

**User Access List Corrected**

When a user attempted to modify a User Access policy Access List, but then decided to not make changes and clicked the Discard Changes button, the Access List values were emptied. After logging in with this User Access, the user was unable to access any wizards.

The User Access policy has been corrected so that when a user discards changes made to the Access List, the previously selected values are retained.
Date Range Gadget Corrected to Handle European Date Formats

Systems configured to use the European Date format would not accept closed
date range in the library policy when the day in the start date was a higher
number than in the end date.

Example:

A user attempted to modify a Library policy to add a closed date range of 25 July to 18 August
2003 using the Date Range Display gadget. After selecting the dates, the user clicked Add,
and the gadget returned the following message.

Start date later than the end date

The Library policy Date Range Display gadget has been corrected to handle
European Date formats properly.

Creating Keyword Index Variations

Previously, it was possible to create a keyword index variation where neither the
In Addition To Others nor the Supersedes Others attributes were selected. The
keyword index variation was created, but had no effect on Unicorn, since it was
neither added nor superseded. Now, the Keyword Index policy has been cor-
rected to require that either the In Addition To Others or Supersedes Others
attributes have been selected.

Academic Reserve Configuration

Enhancements

Three Attributes Added to the User Profile Policy for Academic
Reserve Reservations

The following attributes have been added to the User Profile policy to configure
user access and usage of the new Academic Reserve Reservations software inter-
face. This feature allows users to make advance reservations for materials on
reserve, for specific periods of time.

- Eligible for Reservations — Select this attribute to allow users to make
  advance reservations for reserve materials. By default, this attribute is not
  selected.

- Reservation Limit — This attribute specifies the maximum number of out-
  standing reservations this user may have at one time. Use the Minimum/
  Maximum gadget to select a value between 0 and 25000.

- Consecutive Reservation Allowed — Select this attribute to allow users to
  make overlapping reservations. By default, this attribute is not selected.
Acquisitions Configuration

Enhancements

Coverage Note Entry Added to Orderline Extended Information

A new entry has been added to the Orderline Extended Information format. The Coverage note entry allows users to describe the issues/date covered when purchasing a serial volume.

This entry is delivered with new Unicorn systems only. Existing customers will need to add this entry to the Orderline Extended Information format. For information on how to add an entry to a format, refer to the topic “How do I create a new entry (field) in a format? in FAQs: Working with Format Policies in the WorkFlows online helps.

The Coverage entry attributes values are as follows.

- Entry ID: COVERAGE
- Internal Entry Number: 9008 (or next available 9XXX on the system)
- Entry Name: COVERAGE
- Allow Edit/Create: Yes
- Required: No
- Data Type: ANY
- Minimum Size: 0
- Maximum Size: 9999
- Default Value at Record Creation: [None]
- Display Label: Coverage
- Send Unformatted: No

Corrections

New Receive Script Entry Added to Vendor EDI Address Format

In EDI testing with Blackwell North America (BNA), it was found that the vendor stored all types of files in their pickup directory. The ftpreceive script run by the EDI File Receipt report could not differentiate which files to receive. A new script, ftpreceiveblackwell, has been developed for receiving files from BNA. A new entry has been added to the Vendor EDI Address format for users to indicate which receive script to use. The Receive Script entry (RCPT_SCR) has been added to the format immediately following the Receive Method entry (RCPT_MTHD). The values for this entry are either ftpreceive (used for most vendors) or ftpreceiveblackwell (used for BNA).

This format policy change is for new deliveries only. Current customers will need to add the RCPT_SCR entry to their Vendor EDI Address format, according to the following procedure.

1) On the Config tab, click the Acquisitions Configuration wizard.
2) Click the EDI Address policy button on the Vendors tab.
3) Click the Entries tab, and click Create.
4) Click the gadget in the Entry ID box to create a new Entry ID. Click New.
5) Type the entry ID information as follows.
   Name: RCPT_SCR
   Description: Receive Script
   Type: Simple Entry ID

6) Click Save Changes, then click OK.

7) Type the Basic tab information as follows.
   Entry ID: RCPT_SCR
   Internal Entry Number: 9999 (Next available policy number on your system)
   Allow Edit/Create: Yes
   Required: No
   Data Type: ANY
   Maximum Size: 9999
   Minimum Size: 0
   Default Value at Record Creation: None
   Entry Type: None

8) Type the Display tab information as follows.
   Label: Receive Script
   Send Unformatted: No

9) Click Create.

Add the RCPT_SCR entry to the full and template synonym lists for the VEDIADDR format, as follows.

1) On the Entries tab, click the gadget in the Full Entries box.

2) Select the VEDIADDR-F policy and click Modify.

3) In the Entries box, click the gadget, and select the new RCPT_SCR entry in the Choose From list. Click the ARROW (>>) to move this entry to the Selected List.

4) Reorder the entries by selecting RCPT_SCR clicking the Up button until this entry is immediately below RCPT_MTHD, then click OK.

5) Repeat this process for the Template Entries synonym list (VEDIADDR-T). Click OK.

6) Halt and run the workstation server for these changes to take effect.

**OPAC Configuration**

**Corrections**

**Gateway Policy Renaming Group Type Gateway Elements**

When a user created a new group type gateway element, typed a new gateway name and other attribute values, then saved the element, the gateway name was changed to the name of a previously viewed gateway element.

This has been corrected.
Authority Control Configuration

Enhancements

Authority Index Variation Combinations for Authority Formats

The Authority Format policy has been enhanced to allow Unicorn administrators to create combined authority index variations for authoritative term and improper term entries.

New fields have been added to the Authority tab for entries. When creating a new authority index variation for an entry, the following “combination” fields will display only if the entry is a Authoritative Term type, such as the 150 tag, or Improper Term type, such as the 400 tag.

- Would the Authority Index Be Used on an Entry Combination? — If this check box is selected, the next field becomes active.
- What Subfield Character Will Delimit the Combination? — Select a valid subfield from the drop-down list. All valid subfields for this entry display, except for the Sirsi-defined subfields ? and =.

Cataloging Configuration

Enhancements

1XX/240 Tag Combination

The Catalog Format policy has been enhanced to allow Unicorn administrators to create combined browse index variations for main entries or uniform title entries. For instance, a combined 100/240 browse index variation can now be created.

New fields have been added to the Browse tab for entries. When creating a new browse index variation for an entry, the following “combination” fields will display only if the entry is a Main entry type, such as the 100 tag, or Uniform Title entry type, such as the 130 tag.

- Would the Browse Index Be Used Based on an Entry Combination? — If this check box is selected, the remaining fields become active.
- Combine with Which Existing Entry ID? — Select a valid entry ID from the drop-down list. Only entry IDs from the existing format and with the Uniform Title entry type appear.
- What Subfield Character Will Delimit the Combination? — Select a valid subfield from the drop-down list. All valid subfields for this entry display, except for the Sirsi-defined subfields ? and =.
- Which Subfields Should Be Posted? — Use the Combination Subfields gadget to create a list of valid subfields that can be included or excluded. Only the legal class subfields for this entry display.
**Combination Leading Article**

This field contains a value which represents how the leading article should be treated for the combination entry. Select a value from the drop-down list. Articles listed in this field will be removed from the combination entry ID when building the combination heading.

**Combined Browse Index Variations Can Now Be Created**

The Catalog Format policy has been enhanced to allow Unicorn administrators to create combined browse index variations for main entries or uniform title entries. For instance, a combined 100/240 browse index variation can now be created.

New fields have been added to the Browse tab for entries. When creating a new browse index variation for an entry, the following “combination” fields will display only if the entry is a Main entry type, such as the 100 tag, or Uniform Title type, such as the 130 tag.

- Would the Browse Index Be Used Based on an Entry Combination? — If this check box is selected, the remaining fields become active.
- Combine with Which Existing Entry ID? — Select a valid entry ID from the drop-down list. Only entry IDs from the existing format and with the Uniform Title entry type appear.
- What Subfield Character Will Delimit the Combination? — Select a valid subfield from the drop-down list. All valid subfields for this entry display, except for the Sirsi-defined subfields ? and =.
- Which Subfields Should Be Posted? — Use the Combination Subfields gadget to create a list of valid subfields that can be included or excluded. Only the legal class subfields for this entry display.
- Combination Leading Article — This field contains a value which represents how the leading article should be treated for the combination entry. Select a value from the drop-down list. Articles listed in this field will be removed from the combination entry ID when building the combination heading.

**Obsolete Series Entry Type Removed from Catalog Formats**

For new sites, the obsolete Series entry type has been removed from catalog formats. Previously in WorkFlows, after selecting the Series entry type for an entry description, a V would display in the Entry Type box. Now, the Series entry type is no longer available for selection. Existing sites may still see the V listed in the Entry Type box. It is not necessary to remove the V. Since it is no longer a valid value, Unicorn will ignore it.

The following series entries are affected by this change.

- 400
- 410
- 411
- 440
- 800
Corrections

Manuscript Format Now Displays the ILLUS, CONT, and INDX 008 Fixed Fields

When records were viewed in Unicorn, the OCLC Manuscript format records were not displaying the 008 fixed fields ILLUS, CONT, and INDX. The Manuscript (MANUSCRPT) Format policy didn't isolate and label these bytes of the 008. This has been corrected. Bibliographic records with the format MANUSCRPT will now display the ILLUS (bytes 18-21), CONT (bytes 24-27), and INDX (byte 31) 008 fixed fields.

DEWEY Classification Scheme Missing Analytic File Name

In Unicorn, there are three Dewey-type classification policies: ATDEWEY, ATDEWEYLOC, and DEWEY. The first two policies would parse the analytic portion of the call number from the classification portion by referencing the DEWEY prefix file. The last policy, DEWEY, did not refer to an analytic file, so the prefixes would not be built. This has been corrected. Now, the DEWEY Classification policy contains the following values.

Name: DEWEY
Description: Dewey Classification
Sort Rule: DEWEY
Make Rule: DEWEY
Case: Mixed
Display: ASCENDING
Analytic File Prefix: DEWEY
Preceding Year Part of Analytic: NO
Leading Text: NONE
Substitute Text: NONE
Strip AUTO Number: NO

Previously, the Analytic File Prefix attribute value was NONE.

Note: This change is for new Unicorn systems only. Existing sites will need to modify the DEWEY Classification policy. The Classification policy button is accessed from the Cataloging Configuration wizard on the Config toolbar.
Circulation Configuration

Enhancements

New Configuration Option for Hold Priority by Pickup Library

A new feature has been added to Demand Management Holds. Now users can prioritize holds by hold pickup library. Before this enhancement, the hold priority in the Hold Map were applied based on the library in the user record for the user the hold was submitted for. Now, the Unicorn system can be configured so that hold priorities in the Hold Map are applied based on the hold pickup library designated by the user. This new configuration option does not affect the application of Hold Map permissions—only Hold Map priorities.

Example:

The item GOODBOOK belongs to the GREEN library. GOODBOOK has the following three holds.

User: SAM Library: MAIN Pickup at: GREEN
User: PENNY Library: MAIN Pickup at: MAIN
User: BUTCH Library: GREEN Pickup at: MAIN

If the Hold Map for GOODBOOK sets the priority order to OWN_LIB, and the default configuration of Hold Priority by User Library is set, BUTCH's hold will be filled first, because BUTCH's user library is the same as the item library. But, if the configuration is set to Hold Priority by Pickup Library, SAM's hold will be filled first, because SAM's pickup library is the same as the item library.

By default, systems are set to Hold Priority by User Library. To change to Hold Priority by Pickup Library, contact Sirsi Client Care.

Note: Refer to the “New Priority Level for Hold Maps” topic for related hold priority information.

New Priority Level for Hold Maps

A new priority level has been added to the Hold Map priorities for Demand Management. Currently, the OWN_GROUP priority filled holds for user libraries or pickup libraries in the item library's hold group libraries, then holds for any other libraries in the system. The OWN_LIB filled holds for user or pickup libraries in the item library's library, then holds for any other libraries in the system. (The Hold Priority by Pickup Library configuration option was added in a previous enhancement. Hold Priority by User Library is the default.)

Now, there is a new priority level, OWNLIBGRP. The OWNLIBGRP priority works with both the hold priority by pickup library configuration and the hold priority by user library configuration. If the “Hold priority by user library” configuration is set and the OWNLIBGRP priority is specified in the hold map the system will fill holds for users whose library is the same as the item library first. If no holds are found, the system will then check for holds for users within the item library's hold group libraries. If no holds are found it will fill holds within the system. If the “Hold priority by pickup library” configuration is set and the OWNLIBGRP priority is specified in the hold map, the system will first...
attempt to fill holds with a pickup library that matches the item’s owning library. If no holds are found, it will check for holds with a pickup library that matches the item’s owning library. If no holds are found, it will check for holds with a pickup library that is part of the item library’s hold group libraries. If no holds are found, it will fill holds within the system.

**Example:**

The item GOODBOOK belongs to the GREEN library. GREEN’s hold group libraries are BLUE and YELLOW. GOODBOOK has the following three holds.

- User: MIKE  
  Library: RED
- User: JEWEL  
  Library: BLUE
- User: SALLY  
  Library: GREEN

This example assumes the default configuration of hold priority by user library is set. If the hold map for GOODBOOK sets the priority order to OWN_LIB, SALLY’s hold will be filled first, because SALLY’s user library is the same as the item library. If something keeps SALLY’s hold from being filled (e.g., SALLY is suspended), then the next hold to be filled will be MIKE’s. The OWN_LIB priority jumps from the library to the system libraries.

If, on the other hand, the hold map sets the priority order for GOODBOOK to OWNLIBGRP, SALLY’s hold will still be filled first, but if something blocks the hold, the next hold to be filled will be JEWEL’s because BLUE is in the item library’s hold group libraries list, while RED is not.

Note that the results from OWNLIBGRP and OWN_GROUP are not the same. The OWN_GROUP priority will fill JEWEL’s hold first even if SALLY’s hold is there too. The OWNLIBGRP priority will skip over JEWEL’s hold to fill SALLY’s hold if all three are present, just as the OWN_LIB priority would.

**Note:** Refer to the topic “New Configuration Option for Hold Priority by Pickup Library” for related information about hold priorities.

**Changes for the New Enhanced User Search Feature**

Unicorn users can now search for a user by any part of the user address or extended information fields. The following changes have been made to support this Enhanced User Search feature.

- A new user text database (USRX) and user dynamic database (UDYN) were created.
- User Address 1, User Address 2, and User Address 3 format policies and the User Extended Information policy now include a searchable flag and search ID for the format entries.
- User records have been modified to retain a previous user IDs. The PREV_ID and PREV_ID2 entries have been added to the User Extended Information format. These entries are also searchable.
- The Rebuild User Database (Rebuildusertext) report was created to rebuild the user text database.
- The Add, Delete, Update User (Aduusertext) report was created to add, delete, and update the user text database.
- The Load Users (Userload) report has been modified to check the previous user IDs (Previous ID1 and Previous ID2) before loading users into the data-
base. Additionally, the report can now load user records by any of the three alternate IDs in user extended information.

**Searchable Format Entries**

The following entries should be marked as searchable in the User Address 1, User Address 2, and User Address 3 Format policies. Search IDs for these entries are indicated in parentheses.

- DAYPHONE (PHON)
- HOMEPHONE (PHON)
- PHONE (PHON)
- WORKPHONE (PHON)
- EMAIL (EMAI)
- LINE (SLAD)
- LINE1 (SLAD)
- LINE2 (SLAD)
- LINE3 (SLAD)
- STREET (SLAD)
- COMPANY (CNAM)

The following entries should be marked as searchable in the User Extended Information Format policy. Search IDs for these entries are indicated in parentheses.

- LICENSE (AID1)
- SSN (AID2)
- STUD_ID (AID3)
- PREV_ID (PID1)
- PREV_ID2 (PID2)
- NOTE (NOTE)
- STAFF (NOTE)
- COMMENT (NOTE)

**Note:** Upgrade scripts to Version 2003.1 will convert the existing User Address and User Extended Information format entries to be searchable entries. If the site has modified the User Address and Extended Information formats to the degree that the upgrade scripts cannot recognize and modify these entries, no enhanced user searching will be enabled. The Unicorn Administrator will have to apply the search IDs directly to the formats or contact Sirsi Client Care for assistance.
New User Search Reports

Refer to the Version 2003.1 Reports release notes and helps for more information about the new Rebuild User Database, and Add, Delete, Update Users reports and the modified Load Users reports.

EDI Configuration

Corrections

Date and Time Sent Displays Correctly on the Outgoing Tab in the EDI Manager Wizard

The Date Sent field on the Outgoing tab of the EDI Manager wizard was displaying the date and time of 11/30/1999, 0:00 even though the X12 transactions file had not yet been sent to the vendor. The Date Sent field has been corrected to show the value of NEVER if the X12 transaction file has not yet been sent to the vendor.

Hyperion Configuration

Corrections

80 Characters Now Permitted for Policy Descriptions

Hyperion previously allowed 40 characters for policy descriptions. This conflicted with WorkFlows, which allowed 60 characters. Under certain conditions, depending upon which type of resource attributes was being created or displayed, Hyperion could display invalid policy descriptions instead of accepting the first 40 characters and truncating.

The policy description field for Hyperion has been increased to 80 characters and the policies no longer display undefined descriptions.

UnicornECOLE Configuration

Corrections

Command List Field Now Displays in User Access Policy

In order to efficiently establish User Access policies, the Command List field now displays on the Basic tab with ALL as a default. Although other choices are available in the K-12 software, ALL should remain the selected attribute.

Displaying the Command List field corrects a problem that generated an error when library staff attempted to establish User Access Policies. Command List Configuration is available in the Access Control Configuration wizard, but
should not be adjusted. Leaving the Command List attribute as delivered will prevent a User Access Policy error related to the Command List.

Recall Loan Field Now Displays for Circulation Policies

The Recall Loan Period field now displays in Circulation Rule Policies as a required field. This attribute is an internal tool used by the K-12 software in order to facilitate Circulation policy tasks. It should not be changed.

Invalid Policy Message Removed from Update User Status (Setuserstatus) Report

Previously, the Update User Status (Setuserstatus) report would not run properly. The report log would print the following type of message.

$(1218)ADMIN [] VT100

**Invalid policy in access control--STAT

This message was due to unwanted spaces in the code which have now been removed.

InfoVIEW Configuration

Corrections

System/Daily Backup Logs Could Not Be Written to a Report—InfoVIEW Backup Utility Only

When using the InfoVIEW Backup utility, while verifying backups, users have the option to save the verified files to a finished report. When a user tried to save the system/daily backup log to a report, the following message displayed.

Writing list of verified files to report...
Maximum printlist field length exceeded; cannot create:
“dpix|verify_backup|200308170944|OK|SIRSI||-|=|@|”
Press ENTER or RETURN to continue

Changes have been made to some Backup utility scripts to correct this.

Default Price Policies Disappeared after Using InfoVIEW Policy Interface

Previously, after a user modified Default Price policies using the InfoVIEW policy interface, the policies would no longer display in WorkFlows or InfoVIEW. This has been corrected.
Utilities

General

Corrections

“Remove File Failed” Message No Longer Displays in the MarcImport Utility Wizard

The following message would display even though a valid file name was entered in the Source text box in the MarcImport Utility wizard. (The number in the file name shown in the sample message would vary.)

Remove file failed

Cannot remove c:/tmp/log07332

The MarcImport Utility wizard has been corrected so the message no longer displays.

Subfield Codes in the Item Extended Information No Longer Exported

When Unicorn exported bibliographic records that contained item extended information, the extended information included subfield codes. Since Unicorn processes holdings information according to subfield code, the holdings information in the exported records file could not be loaded into Unicorn. The MarcExport Utility wizard has been changed to not export subcodes in the item extended information so the exported records can be loaded into Unicorn.

Example

Before this change, if the item 32449000328162 had a public note “Short term loan, May - Sept.” in the item extended information, the following holding entry for the item would be generated in the exported bibliographic record.

.999. |aFIC LEW|wDEWEY|c1|i32449000328162|d10/2/1997|1FIC-JUV|mMAIN|p$50.00|rY|sY|tBOOK|u10/2/1997|xFICTION|zJUVENILE|o.PUBLIC.|aShort term loan, May - Sept.

After this change, the exported holding entry is generated as follows. (Notice the subfield code |a does not display before the public note.)

.999. |aFIC LEW|wDEWEY|c1|i32449000328162|d10/2/1997|1FIC-JUV|mMAIN|p$50.00|rY|sY|tBOOK|u10/2/1997|xFICTION|zJUVENILE|o.PUBLIC. Short term loan, May - Sept.

Diacritics Were Output in EDI Messages

Previously, the EDI scripts output diacritics in the EDI messages. The X12 3060 character set does not support extended characters, including diacritics. As a result, vendors were rejecting EDI messages that included the diacritics. Now,
EDI scripts translate ANSEL characters to the X12 character set, thus filtering diacritics from the EDI messages.

EDI Message Segments Contain Wrong Terminator—Unicorn for Windows Servers Only

On Unicorn for Windows Servers systems, the EDI scripts output X12 message segments terminated with CR/LF rather than LF. Changes were made to the EDI scripts for Windows servers so that the operating system would not change the X12 segment terminator.

EDI BISAC Now Checks for ISBN and Vendor Catalog Number

Previously, the EDI BISAC scripts did not check for missing ISBNs or vendor catalog numbers in book orders. Now, users will see a message similar to the following when both fields are empty (contain no data).

Missing ISBN and vendor catalog number: PO-19; line number: 1

The message includes the purchase order and line number, so the user can easily find the orderline and supply the missing data.

EDI SISAC Now Checks for ISSN and Vendor Catalog Number

The EDI SISAC scripts previously did not check for missing ISSNs or vendor catalog numbers in serial orders. Users will now see a message similar to the following when both fields are empty (contain no data).

Missing ISSN and vendor catalog number: PO-25; line number: 7

The message includes the purchase order and line number, so the user can easily find the orderline and supply the missing data.

EDI Manager Wizard

Corrections

Status of Transaction IDs Updates Correctly in the EDI Manager Wizard Display

The current status for each Transaction ID on the EDI Manager wizard's Incoming and Outgoing tabs was being updated incorrectly. When a purchase order or invoice was processed, the status of the Transaction ID would not update until the WorkFlows session was ended and restarted.

The status of each Transaction ID on the Incoming and Outgoing tabs of the EDI Manager wizard is now correctly and automatically updated after a purchase order or invoice is processed.
UnicornECOLE

Corrections

MARCWizard Name Changed to EZ Transfer In Utility

The MARCWizard has been renamed to the EZ Transfer In Utility wizard. To access this wizard, right click on the K-12 staff client toolbar, select Add Button, then EZTRANSFERIN.
Enhanced Buy Now Feature Available

Previously in WebCat, the system administrator at a library had the option of contacting the online book store that the Buy Now option linked to and setting up a partnership with the book store for cash-back to the library for patron purchases. The partnership number was then included in one of the environment variables for the online book store URL in the e-Library.

Now, Sirsi’s partnership with Barnes & Noble (http://www.bn.com) makes it possible for libraries to offer the same service without the necessity of the library setting up a partnership. The library receives an annual check from Sirsi for the cash-back portion of the total purchase price of all materials purchased from Barnes & Noble via the WebCat.

To enable this function, the library need turns on the Buy Now environment variable. Site identification for each site and for individual libraries in a multi-library system is provided automatically by WebCat. The file /Unicorn/Config/site_id must exist and contain the library’s Sirsi site code in order for the library to be credited with end-user purchases at Barnes & Noble.

For WebCat systems, the enhanced Buy Now feature is now available on the Single Item View page. The following environment variable has been modified in the file webcat.env:

```
# BUYNOW options offer patrons a link to BN.com. Values:
#   0 - do not offer the BUY NOW option anywhere
#   2 - offer the automatic BN.com partnership link so a portion of any purchase is automatically returned to the library. Requires that a Unicorn/Config/site_id file exist containing the Sirsi customer code so that any purchases made through that link may be credited to that library for appropriate distribution of purchase price percentages.
```

The URL for the enhanced Buy Now feature is included in a new file, enh_buy_now.h, and is called into every page where the USE_BUYNOW_ICON environment variable is set to 2. If the Buy Now feature is desired for Bestseller lists and Single Item View pages, but not for Recommended Reading lists, the environment variable BUYNOW_STORE may be redefined as follows.

```
BUYNOW_STORE|| |
```

**Note:** Because the enhanced Buy Now URL only works with ISBN searches at Barnes & Noble (http://www.bn.com), the Recommended Reading feature (which is controlled by author/title searches) is not affected.
Hyperion Image Download in WebCat Improved

Previously in Hyperion on WebCat with logins enabled, the script used to deliver large image files did not allow for images to be byte served when the image was not delivered in the same browser window. The browser reported page delivery as Done, but the image file did not open.

Now Hyperion images delivered in WebCat display correctly. The environment variables HTTP_ADDRESS and HTTP_PROTOCOL are used to enable image download.

**Note:** The environment variable USE_FULL_HTTP_ADDRESS must be set to 1 in the /Unicorn/Webcat/Config/system.env file for this feature to function correctly.

WebCat custom pages affected: web.h

Corrections

Call Number Browse Defaults Modified

Previously in WebCat, if a patron returns to the Call Number Browse page after performing a call number browse, the previous qualifiers displayed in the Call Number Browse form.

Now, when a patron returns to Call Number Browse after performing a call number browse, the form is empty. WebCat now resets the call number browse options to their defaults.

**Note:** If a patron uses Go Back to return to the Call Number Browse page, the Call Number Browse form still defaults to the previous qualifiers.

Requests Page Displays Properly in WebCat

Previously in WebCat, when patrons attempted to create requests, the following error message displayed.

```
Missing page file for state 77.
```

The page file 77.pg was incorrectly marked as an iBistro only page, so the file was not included in the /Pages_deliv/WebCat directory.

Now requests can be created without error messages. The file 77.pg was added to /Pages_deliv/WebCat.
Web2

General

Enhancements

New Report Assists Implementation of Find It Fast! and Kids' Library Features

The Web2 Search XML Output (Opacxmlout) report is used to assist libraries using Web2 to implement the Find It Fast! and Kids' Library features in the e-Library public access. The report creates an XML file that contains information about all of the AVAILABLE pre-defined searches. This XML file can be moved to the Web2 server and processed with the Web2 Content Manager utility to create HTML files for use with the Find It Fast! and Kids' Library features in the e-Library interface.

This report gives users the option of creating the FAST.XML file, the KIDSLIB.XML file, or both. In multilibrary systems, these files can be created for each library. The XML file names reflect the individual library for which the XML file was created. For example, the XML files created for the Carnegie Library are named FASTCARNEGIE.XML and KIDSLIBCARNegie.XML. The XML files are written to the \Unicorn\Gateway\Web2XML directory. The report creates this directory if the directory does not already exist.

The Web2 Search XML Output report uses the selected gateway name to find and read the correct \Unicorn\Gateway\Config\Element.* file. The report processes only the lines required for the Find It Fast! and/or Kids' Library feature, determines which search terms are AVAILABLE, and writes the necessary elements to the corresponding XML file.

Note: The Web2 Search XML Output report should be run as needed after running the Update OPAC Choices report and choosing to update the pre-defined catalog search elements.

This report is in the Gateway Group of reports.
General

Enhancements

Attribute Files Added for European Libraries

Attribute files have been added to Z39.50 to allow European libraries to search the National Library of Spain (Biblioteca Nacional de España).

Corrections

Long Searches for First Words in Field Search Results Improved

Searches for “First Words in Field” are for complete word(s) in the order specified in fields that contain a title of a resource. The field must begin with the specified character string. This search is useful when the beginning words in a title are known to the user.

Example:

A title search for “Gone with the” represented in Z39.50 query as follows.

(1,4)(2,3)(3,1)(4,1)(5,2)(6,1) gone with the

Previously, when search terms that exceeded 256 characters for “First Words in Field” were received by the Zserver, the server returned an error diagnostic that did not provide any clear indication of the problem.

Now, the truncation limit has been increased to 1024 and the results for the first 1024 characters is returned, and the error diagnostic for too many truncated words is also returned.

SmartPORT Unable to Connect—Unicorn for Windows Servers Systems Only

Previously, when a user attempted to make a Z39.50 connection using SmartPORT on a Unicorn for Windows Servers system, a Windows application error message displayed for the gateway.exe program. Closing that error window resulted in displaying the following message in the SmartPORT window.

“unable to load search name set from host”

This has been corrected.