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Release Notes

LeasePak™ UX 4.6a

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Contents

1   MSI Notes

Discrepancy Fix 511932

This note contains detailed information regarding code changes to discrepancy 511932. This discrepancy is listed in the Discrepancies Fixed in v4.6a Maintenance Release section of this document.

This fix reinstates v4.5a functionality by allowing the ability to short pay the last invoice when the account is in NMAT status. Prior to this fix, LeasePak v4.6a GA, disallowed any payment, when using Batch Payments, to the last invoice when the account was in NMAT status.

The user is allowed to pay the last invoice as long as the *principal* for the last invoice is not paid in full.

Short Pay Effect
If an account is in NMAT status and the last invoice contains $6.00 principle, the user can pay anywhere from $0.01 to $5.99. If the user attempts to apply a payment to pay all of the principle, then the payment will be rejected.

The following modules are affected:

- End of Period/Interactive Batch Payments [U0415] and [U0306]

- Cash Control [U0126]

The following accounts are affected:

- Accounts in NMAT status

- Accounts that are P&I IBL accounts.

Truncate RHR Table

This note was originally posted in the v4.5a General Availability release. This is a reminder of the script required to truncate the RHR table.

During End of Month, LeasePak writes records to the RHR table. Those records are no longer needed after End of Month completes. The RHR table will grow in size indefinitely unless it is periodically cleared of records.

MSI provides the "truncate_rhr" script, which can be run to remove all records from the RHR table. For better performance and less transaction log activity, it uses the "truncate" sql command rather than "delete".

The truncate_rhr script should only be run when all portfolios have a "Complete" End of Period status. The script will not truncate the table if it detects that one or more portfolios have outstanding End of Periods.

How often the truncate_rhr script should be run depends on the volume of RHR records generated. Since records are written to the RHR only during End of Month, the maximum frequency for executing the script would be once per month.

For more detailed information regarding the RHR file, please refer to *Chapter 10 Directories and Files* and *Chapter 13 House Keeping* in the v4.6a *LeasePak System Administration Guide*

The RST/Vertex/Non-Vertex conversion

This conversion applies to all databases. Vertex-enabled databases have a number of special considerations, but all databases are affected.

In conjunction with the User-Defined Foreign States modification, a review of the LeasePak Vertex interface was undertaken. Among other things, it was noted that a certain group of U.S. Pacific Island possessions (the "Trust Territories") were being mishandled by the interface. The stored procedures that perform the load of the location table (rlo) and name table (rnm), and by triggers, the load of the mlo_state, mlo_county and mlo_city tables, for the vertex interface have been revised to handle these locations properly. It should be noted that there are a significant number of additional changes to the interface scheduled for a future release to address other inconsistencies found. This is section is intended to describe the changes made in LeasePak 4.6a, and how those changes are reflected in the conversion process.

Table Changes

The following chart lists the changes made to LeasePak's data tables in conjunction with these modifications:

Table	Description	Changes
mlo_state	Location - State	dropped [use rst for names, rlo for rates]
mlo_county	Location - County	all rate-related columns dropped [use rlo for rates]
mlo_city	Location - City	all rate-related columns dropped [use rlo for rates]
rst	State	columns geo_st_l and geo_ct_l added
rnm	Name	all 'rnm_flg_s' = '06' records (state name records) dropped [use rst for names]

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The mlo tables (mlo_state, mlo_county, and mlo_city) were used strictly by the LeasePak Windows client, providing a fully relational view of the rnm and rlo tables. They were maintained by a complex network of triggers on the rlo and rnm tables, and, as it has turned out, they were frequently not in synch with those tables, especially the rate information. It was determined that keeping the rate information in synch was going to prove very difficult, and that the LeasePak client software used the mlo tables only for names to populate location drop-downs, so the decision was made to jettison the rate component of the tables. This left the mlo tables containing only name information. It was determined also that the mlo_state table, containing only name info, was completely redundant in conjunction with the rst table, so the entire table has been dropped.

Users with external programs accessing LeasePak's database will need to revise these programs to use the rlo for rate information, and to use the rst for state names.

The 4.6a conversion differentiates between databases that use Vertex and those that don't. For reference, the conversion process is outlined below:

LeasePak 4.6a rst/Vertex/non-Vertex conversion outline

```
1.  All databases
    1.1.  clear state records from rnm
    1.2.  Update every rst
          1.2.1.  set geo_st_l and geo_ct_l set to 0
          1.2.2.  set country code to ""
2.  Vertex databases:
    2.1.  using rst_master with  geo_st_l = -1:
          2.1.1.  delete rst matching the rst_master
          2.1.2.  delete rlo matching the rst_master
          2.1.3.  delete city & country rnm names matching the rst_master
    2.2.  using rst_master with geo_st_l > 0:
          2.2.1.  update existing rst with geo_st_l, geo_ct_l, country_s,
                  st_nam_s from rst_master
          2.2.2.  insert missing rst with geo_st_l, geo_ct_l, country_s,
                  tax_rate_s, st_s, st_nam_s from rst_master
                  flag inserted rst
          2.2.3.  delete rlo's matching the rst_master
2.2.4.  delete rnm City and County names matching the rst_master
    2.3.  Clear vertex parameters
          2.3.1.  clear vertex run flag
          2.3.2.  clear vertex run date
3.  All databases
    3.1.  Flag each unique rlo state that has no corresponding rst state
    3.2.  For each rst state with blank country:
          3.2.1.  If the state exists in the rst_master:
                  3.2.1.1.  If the rst name matches the rst_master name,
                            update rst with rst_master country_s
                  3.2.1.2.  If the rst name does not match the rst_master name,
                            update rst with country 'OTHR'
                            flag it
          3.2.2.  If the state does not exist in the rst_master,
                  update rst with country 'OTHR'
```

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Conversion in Vertex-enabled Databases

> **CRITICAL NOTE:** At the very end of the conversion process for Vertex databases, a Vertex initial load is performed. Therefore, the user must make sure that a valid, current SEQEXP Vertex data file exists in the v46a/_vertex directory before the conversion begins.

The Vertex interface originally used an internal, hard-coded state list, plus some info from the rst, to guide the processing of the Vertex data. This internal state list contained the errors outlined in the following table. Also in the following table are listed several errors in LeasePak datasets also being handled in this conversion:

Vertex		Former LeasePak State Code	State Name	Conversion action
Geo-code	Postal Abbr			
61	FM	CN	F.S. of Micronesia	deletes CN
69	PW	PL	Palau	deletes PL
67	MH	MR	Marshall Islands	MR is the LeasePak code for the Mexican state of Morelos; see MH below
68	MP	NI	N. Mariana Islands	NI is the LeasePak code for the Australian territory of Norfolk Island
60	AS		American Samoa	LeasePak omitted this
		CN	Canada	deletes CN (not a state)
		CZ	Canal Zone	deletes CZ (Canal Zone has not been a US territory since 1999)(Vertex uses CZ for Canada)
		MH	Michoacan	State code for Michoacan changes to MC
		MX	Mexico	deletes MX (not a state)
		LB	Labrador	deletes LB (not a state)
		XX	??	deletes XX (use FF for free format locations)

Where the table above indicates that there is a deletion, the corresponding record is deleted from the rst, and all city and county name records for locations in that state are deleted from the rnm and all location records for locations in that state are deleted from the rlo. The rnm and rlo triggers handle deletion of the corresponding records in the mlo_county and mlo_state tables.

Also, the geocode and country code fields of the rst are cleared.

This work, and further work in the conversion, is guided by the "rst_master", or Master State Table, which is a hard-coded table that is embedded in the conversion procedure. The contents of the rst_master are given here:

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MASTER STATE TABLE

```
      1 = Vertex state geocode              4 = Vertex tax rate selector
      2 = Vertex county geocode            5 = LeasePak state code
      3 = LeasePak country code            6 = LeasePak state name
```

1	2	3	4	5	6	1	2	3	4	5	6
.	.	.	.	CN	DELETE	25	0	USOA	USE	MS	MISSISSIPPI
.	.	.	.	CZ	DELETE	27	0	USOA	NONE	MT	MONTANA
.	.	.	.	PL	DELETE	0	0	ARGT	NONE	MZ	MENDOZA
.	.	.	.	MX	DELETE	0	0	MEXO	NONE	NA	NAYARIT
.	.	.	.	LB	DELETE	70	7	CAND	USE	NB	NEW BRUNSWICK
.	.	.	.	XX	DELETE	34	0	USOA	USE	NC	NORTH CAROLINA
70	1	CAND	USE	AB	ALBERTA	35	0	USOA	USE	ND	NORTH DAKOTA
0	0	AUST	NONE	AC	AUSTRALIAN CAPITAL	28	0	USOA	USE	NE	NEBRASKA
0	0	MEXO	NONE	AG	AGUASCALIENTES	70	9	CAND	USE	NF	NEWFOUNDLAND
2	0	USOA	SALE	AK	ALASKA	30	0	USOA	NONE	NH	NEW HAMPSHIRE
1	0	USOA	RENT	AL	ALABAMA	0	0	AUST	NONE	NI	NORFOLK ISLAND
4	0	USOA	SALE	AR	ARKANSAS	31	0	USOA	USE	NJ	NEW JERSEY
60	0	USOA	NONE	AS	AMERICAN SAMOA	0	0	MEXO	NONE	NL	NUEVO LEON
3	0	USOA	SALE	AZ	ARIZONA	32	0	USOA	USE	NM	NEW MEXICO
0	0	ARGT	NONE	BA	BUENOS AIRES	0	0	ARGT	NONE	NN	NEUQUEN
70	3	CAND	USE	BC	BRITISH COLUMBIA	0	0	AUST	NONE	NR	NORTHERN TERRITORY
0	0	MEXO	NONE	BN	BAJA CALIF. NORTE	70	13	CAND	USE	NS	NOVA SCOTIA
0	0	MEXO	NONE	BS	BAJA CALIF. SUR	70	11	CAND	USE	NT	NORTHWEST TERR.
0	0	OTHR	NONE	BU	BERMUDA	70	25	CAND	USE	NU	NUNAVUT
5	0	USOA	USE	CA	CALIFORNIA	29	0	USOA	USE	NV	NEVADA
0	0	ARGT	NONE	CB	CHUBUT	0	0	AUST	NONE	NW	NEW SOUTH WALES
0	0	ARGT	NONE	CC	CHACO	33	0	USOA	USE	NY	NEW YORK
0	0	ARGT	NONE	CD	CORDOBA	0	0	MEXO	NONE	OA	OAXACA
0	0	ARGT	NONE	CF	CAPITAL FEDERAL	36	0	USOA	USE	OH	OHIO
0	0	MEXO	NONE	CH	CHIHUAHUA	37	0	USOA	SALE	OK	OKLAHOMA
0	0	MEXO	NONE	CL	COLIMA	70	15	CAND	USE	ON	ONTARIO
0	0	ARGT	NONE	CM	CATAMARCA	38	0	USOA	NONE	OR	OREGON
6	0	USOA	USE	CO	COLORADO	39	0	USOA	USE	PA	PENNSYLVANIA
0	0	MEXO	NONE	CP	CAMPECHE	70	17	CAND	USE	PE	PRINCE EDWARD ISLAND
0	0	ARGT	NONE	CR	CORRIENTES	70	19	CAND	USE	PQ	QUEBEC
0	0	MEXO	NONE	CS	CHIAPAS	72	0	USOA	NONE	PR	PUERTO RICO
7	0	USOA	USE	CT	CONNECTICUT	0	0	MEXO	NONE	PU	PUEBLA
0	0	MEXO	NONE	CU	COAHUILA	69	0	USOA	USE	PW	PALAU
9	0	USOA	USE	DC	DISTRICT OF COLUMBIA	0	0	AUST	NONE	QE	QUEENSLAND
8	0	USOA	NONE	DE	DELAWARE	0	0	MEXO	NONE	QO	QUINTANA ROO
0	0	MEXO	NONE	DF	DISTRITO FEDERAL	0	0	MEXO	NONE	QR	QUERETARO
0	0	MEXO	NONE	DG	DURANGO	40	0	USOA	USE	RI	RHODE ISLAND
0	0	OTHR	NONE	DL	GERMANY	0	0	ARGT	NONE	RN	RIO NEGRO
0	0	ARGT	NONE	ER	ENTRE RIOS	0	0	ARGT	NONE	SA	SALTA
0	0	OTHR	NONE	FF	FREE FORMAT	41	0	USOA	USE	SC	SOUTH CAROLINA
10	0	USOA	SALE	FL	FLORIDA	42	0	USOA	USE	SD	SOUTH DAKOTA
61	0	USOA	NONE	FM	F.S. OF MICRONESIA	0	0	ARGT	NONE	SE	SANTIAGO DEL ESTERO
0	0	ARGT	NONE	FO	FORMOSA	0	0	ARGT	NONE	SF	SANTA FE
0	0	OTHR	NONE	FR	FRANCE	0	0	OTHR	NONE	SG	SINGAPORE
11	0	USOA	USE	GA	GEORGIA	0	0	MEXO	NONE	SI	SINALOA
0	0	OTHR	NONE	GB	GREAT BRITAIN	0	0	ARGT	NONE	SJ	SAN JUAN
0	0	MEXO	NONE	GR	GUERRERO	70	21	CAND	USE	SK	SASKATCHEWAN
0	0	MEXO	NONE	GT	GUANAJUATO	0	0	MEXO	NONE	SL	SAN LUIS POTOSI
66	0	USOA	NONE	GU	GUAM	0	0	MEXO	NONE	SO	SONORA
0	0	MEXO	NONE	HG	HIDALGO	0	0	ARGT	NONE	SS	SAN LUIS
12	0	USOA	USE	HI	HAWAII	0	0	AUST	NONE	ST	SOUTH AUSTRALIA
16	0	USOA	USE	IA	IOWA	0	0	ARGT	NONE	SZ	SANTA CRUZ
13	0	USOA	USE	ID	IDAHO	0	0	MEXO	NONE	TA	TLAXCALA
14	0	USOA	USE	IL	ILLINOIS	0	0	MEXO	NONE	TB	TABASCO
15	0	USOA	USE	IN	INDIANA	0	0	ARGT	NONE	TF	TIERRA DEL FUEGO
0	0	MEXO	NONE	JA	JALISCO	0	0	MEXO	NONE	TM	TAMAULIPAS
0	0	ARGT	NONE	JU	JUJUY	43	0	USOA	USE	TN	TENNESSEE
17	0	USOA	USE	KS	KANSAS	0	0	AUST	NONE	TS	TASMANIA
18	0	USOA	USE	KY	KENTUCKY	0	0	ARGT	NONE	TU	TUCUMAN
19	0	USOA	USE	LA	LOUISIANA	44	0	USOA	USE	TX	TEXAS
0	0	ARGT	NONE	LP	LA PAMPA	45	0	USOA	USE	UT	UTAH
0	0	ARGT	NONE	LR	LA RIOJA	47	0	USOA	USE	VA	VIRGINIA

```
22  0   USOA  USE   MA  MASSACHUSETTS          0  0   AUST  NONE  VC  VICTORIA
70  5   CAND  USE   MB  MANITOBA               0  0   MEXO  NONE  VE  VERACRUZ
 0  0   MEXO  NONE  MC  MICHOACAN             78  0   USOA  NONE  VI  VIRGIN ISLANDS
21  0   USOA  USE   MD  MARYLAND              46  0   USOA  USE   VT  VERMONT
20  0   USOA  USE   ME  MAINE                 48  0   USOA  USE   WA  WASHINGTON
67  0   USOA  USE   MH  MARSHALL ISLANDS      50  0   USOA  USE   WI  WISCONSIN
23  0   USOA  USE   MI  MICHIGAN               0  0   AUST  NONE  WT  WESTERN AUSTRALIA
 0  0   ARGT  NONE  MM  MISIONES              49  0   USOA  USE   WV  WEST VIRGINIA
24  0   USOA  USE   MN  MINNESOTA             51  0   USOA  USE   WY  WYOMING
26  0   USOA  SALE  MO  MISSOURI              70 23   CAND  USE   YK  YUKON TERRITORY
68  0   USOA  USE   MP  N. MARIANA ISLANDS     0  0   MEXO  NONE  YU  YUCATAN
 0  0   MEXO  NONE  MR  MORELOS                0  0   MEXO  NONE  ZA  ZACATECAS
```

For Vertex databases, the state and county geocodes are critical. They are the only points by which the interface can match up Vertex data records with LeasePak states. In non-vertex datasets, they are set to zero. The Vertex load and update procedures will flag an exception if there is a reference in the Vertex data to a state that cannot be found in to rst via the geocodes.

CRITICAL NOTE: Vertex considers Canada to be a "state" (geocode 70) and the provinces of Canada to be "counties". The LeasePak Vertex interface properly considers the provinces to be states and treats them as such. However, in order to match up LeasePak state records with the Vertex data, the Vertex geocode system must be followed. Hence, the rst shows both the state and county geocode of each Vertex state. In the US states, there is no county geocode at the state level; however, in Canada, since Vertex classifies the provinces as counties, the county geocode within the state geocode 70 is required in order to match LeasePak to Vertex.

During the conversion, any Vertex states missing from the rst are added. The country code, tax rate code and geo codes in the rst are set to match the rst_master. These added records are flagged because there are many fields in the rst that potentially should be assigned values. The user should examine the data carefully and make all appropriate changes using isql or appropriate LeasePak updates.

All rlo location records, and all rnm city and county name records for each rst are deleted (this is partly what clear_ vertex would do). The Vertex run flag and download date fields in the rcg table are cleared (this is the rest of a clear_vertex). *[See "clear_vertex" elsewhere in these Release Notes for important changes made to that script]*

Note that this clearing of the location information is careful to leave undisturbed any non-Vertex locations the user might have added to the database.

CRITICAL NOTE: Following this, the conversion performs some cleanup tasks on all databases, described later. And after this cleanup is done, the conversion performs a Vertex initial load. This means that it expects to find a valid Vertex SEQEXP file available in the v46a/_vertex directory.

CRITICAL NOTE: Following the completion of the conversion, the user must examine their database and determine if there are any records referencing the state codes that were deleted by the conversion. To avoid LeasePak mishandling these records or any abnormal termination of the software, they must be corrected.

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Conversion in non-Vertex Databases

The conversion in non-Vertex databases is much narrower in scope. The rationale is that the users of Vertex data are pretty much locked in to the Vertex system of codes and abbreviations. Users who maintain their own location data are free to do just about anything they want. For this reason, the conversion does not change any data that has been user-accessible and does not delete any records.

> **CRITICAL NOTE:** Users who have maintained their own location data cannot change subsequently to Vertex without a custom conversion (unless the Vertex system has been followed precisely throughout the database). Loading Vertex into an existing database with an existing location system would likely be very harmful to the user's data

The geocode and country code fields of the rst are cleared at outset of the conversion. The geocode columns are new in v46a, and the country code has not been heretofore user-accessible.

The non-Vertex database conversion completes with the cleanup tasks for all databases outlined below.

Vertex/rst Conversion Cleanup Tasks for All Databases

All databases in the v46a conversion will undergo these changes:

Any location (rlo) records that reference state codes not found in the rst are flagged. These will have to be changed to an existent state code using isql, or a new state will have to be created via State [U0713].

For each rst record that has a blank country code (these will be non-US, non-Canadian states in Vertex databases, and all states in non-Vertex databases), an attempt to match the rst to a record in the internal rst_master is made using the State Code as well as the state name. If an exact match is found (i.e., state code matches exactly and state name matches exactly), the country code in the rst is set to the value in the rst_master. If an exact match is not found (i.e., state code matches exactly but state name does not), or if the state code cannot be found in the rst_master at all, then the country code in the rst is set to OTHR, and the record is flagged. These will have to be updated manually via isql or via the U0713 State Update. Frequently the reason for being flagged is because of spelling differences in the state name. The user should examine the records carefully before updating them.

Conversion Report

The Vertex/rst conversion creates a report that logs the tasks performed, and enumerates ("flags") the records that require further user attention. The report is located in the $msilog directory, named "*{LeasePak environment name}*_sybrst.txt."

The columns in the report are:

*(log record number),* **ACT** (*action*)

BEG	TBL contains the value of the vertex_run_c and marks the beginning of the conversion
CNT	TBL contains the table being counted, and ROWS contains the count
DEL	TBL contains the table whose records are being deleted, ROWS contains the count of records being deleted, and EXP the number of rows expected (the value of previous count)
ERR	MSG contains an error message
INS	TBL contains the table being inserted into, ROWS contains the count of records being inserted, and EXP the number of rows expected (the value of previous count)
LST	LST indicates a flagged record is being listed. MSG describes the context, RES shows CHECK to indicate that the record needs user attention.
PRT	indicates the end to the procedure
RBK	Indicates that the conversion is being rolled back
SEC	MSG contains the text of an outline element, indicating the beginning of a section (per the conversion outline shown above)
SEL	TBL indicates the table being selected, ROWS the number of records selected
UPD	TBL contains the table being updated, ROWS contains the count of records being updated, and EXP the number of rows expected (the value of previous count)

- **TBL** *(table)* table to which the action pertains

- **MSG** *(message)* brief description of the action's context or specifics

- **ROWS** *(rows)* number of rows affected by the action

- **ERR** *(error)* error code returned by Sybase for each operation

- **EXP** *(expected)* number of rows expected to have been affected; for actions performing inserts, updates or deletes, **EXP** must be matched by **ROWS.**

- **RES** *(result)* result of the action, *"----"* if no result is expected, *"OK"* indicates the action went as expected, *"CHECK"* indicates that the record is being flagged for additional attention by the user, *"ERROR"* indicates the action was not successful.

Changes in Canada

Canada Post has announced that effective October 21, 2002, the province of Newfoundland and Labrador (formerly the province of Newfoundland) will change its provincial postal symbol from NF to NL. NF will be acceptable for several months, but will subsequently no longer be accepted.

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Further, it is brought to our attention that the clock is running out on a couple of other Canadian provincial symbols: PQ is soon to be no longer accepted, and QC should be used instead, and YT is to be used instead of YK for the Yukon Territory.

While the LeasePak Vertex interface does not store Vertex rate information for Canada, it is intended that the revisions slated for a future release will encompass Canadian rates.

In the meantime, users with Canadian locations should examine and modify their databases to conform to the requirements of Canada Post.

2   LeasePak Enhancements

The following sections outline all enhancements introduced in LeasePak UX 4.6a. When noted, an enhancement may not be available to a LeasePak user without the purchase of an associated module. If you are interested in any of these modules, please contact your Product Support Business Analyst for module pricing.

Base System Enhancements

Asset Split: Reallocate Payment Amount

Split Asset [U0214] has been modified to allow the ability to add the asset payment amount when the Asset Percentage Calc method is set to P in Miscellaneous Customization [U0212].

Auto Refresh Notebook Work Schedule

A new field has been added to the Security [U0706] update: "Auto Refresh Notebook Work Schedule". This switch will allow the option of auto refreshing the Notebook Work Schedule (existing behavior) once editing is complete or the cursor will default back to the most recently open note once editing is complete (new behavior).

Customize LeasePak Codes

Hardcoded "functional" LeasePak codes are now customizable through the Custom Code [U0722] update. This enhancement allows for previously *hardcoded* Code Descriptions, such as Activity Status, Accrual Method and Payoff Method to be renamed. Previous versions of LeasePak only allowed "informational" codes, such as, Asset Status, Lease Source, and Remit Type to be customized.

LeasePak F1 Help Option

A new field configuration has been added to the LeasePak Setup option, *Reference Guide Location.* This new configuration setting will allow the user to enter the Reference Guide Location from the (users) network. When the user selects *F1 Help* in any LeasePak update or report, the Reference Guide will open up in a browser to the specific location.

Microsoft® Outlook® Look & Feel

LeasePak's visual appearance can now be changed to display all input fields in a 3D view, creating a shadow effect. Additionally, updates containing tabs, such as Vendor [U0201], Applications [U0801], Tracking Setups, etc., will display a column on the left side containing shortcuts to each tab within the update.

Month to Month Lease Extension

LeasePak now has the ability to extend leases on a month-to-month basis without reducing the residual. All payments can be processed via the Income Account when the *RES* extension method is used for lease extensions on a cash basis.

Additionally, the Lease Summary screen displays a new tab *"Original Info"*, which will display the original lease information prior to the Lease Extension.

Multi-Entry G/L Adjustments

General Ledger Adjustment [U0121] update has been modified to allow the user to   enter more than one balanced debit and credit entry. The screen changes allow the user to verify that all debits and credits entered equal the total amount in dollars.

New Book Gain/Loss Report R0115

A new report has been added to LeasePak to reflect the actual G/L Gain/Loss entries, *Book/Gain Loss [R0115]*. The new report is arranged by PCRO and will display detailed transaction information. New tables added to LeasePak will update the report whenever there is a change in the Gain/Loss and Allowance to Bad Debt accounts. This report will work in conjunction with the Payoff/Termination [U0103], Sale of Asset in Inventory [U0103] and G/L Adjustment [U0121] updates.

Non-Pyramiding Late Charge Methods

Non-Pyramiding late charges can be assessed or not; based on charges applied to the previous months invoice. A new flag in the RLS table, "Previous Late Charge (Y/N)", will allow assessments to be charged on delinquent invoices when the flag is set to "Y", this flag is automatically set during End of Periods processes. Additionally, a new field,"Minimum Payment Amount" has been added to Book Lease [U0101], Applications [U0801] and the Master Financial [U0202] updates; the field is accessible for leases with non-pyramiding supported Late Charge Method/Codes.

NPV Payoff Quote for OPR Leases

The Payoff Quote [U0213] update has been modified to allow the user to select the NPV-Net Present Value method for OPER type leases. The NPV Payoff Quote calculates the Base Payoff Value by using the Book Salvage Value of the asset instead of the Residual value. This new option works at the lease level and is for Payoff Quotes only.

Payoff/Termination Effective Date Greater than Accrued to Date on IBLs

LeasePak now allows the ability to process Batch and Interactive lease Payoff/Terminations beyond the accrued to date for IBL's. This enhancement will work in conjunction with the IBL Behavior switch set to "A" in the Custom General [U0712] update and the Capitalized Interest switch set to 'N' in the Applications [U0801] and Book Lease [U0101] updates.

Post Unbilled Income to Gain/Loss

A new switch *"Post Unbilled Operating Income (Y/N)"* has been added to the Payoff Customization option of the Portfolio [U0212] update to allow the user to post Unbilled Operating Income to the Gain or Loss accounts instead of the Operating Lease Income account. This new option works in conjunction with the Payoff and Termination [U0103] update and is for operating leases with AOSL/ROSL type accrual methods.

System Date Warning Message for Asset Dispostion

LeasePak now displays a warning message notifying the user that the Current Year (system date) does not match the Asset Disposition Date in the Payoff [U0103] update. This message will be displayed for both asset and lease payoffs.

Tax Rate History on Location Listing R0915

The Location Listing [R0915] report has been modified to display the Sales/Use Tax rate change history. The new fields will display the current rate and effective date as well as all the previous effective dates and all previous rates entered.

User Defined State Codes

Users now have the ability to define and enter State Codes into the RST table. New country codes have been added for the United States, Canada, Mexico, Argentina, Austrailia and Other, in the CNTRY CODE category in Custom Codes [U0722]. The Vertex interface [U0437] requires unique state codes to be entered in addition to special functions that must be performed prior to running Vertex.

Enhancements to Optional Modules

Cash Control & Batch Payoff: Copy/Paste Functions

LeasePak now allows the ability to copy/paste information from a Microsoft spreadsheet to the grid controls in the Cash Control [U0126] and Batch Payoff [U0129] updates. Currently, these are the only two updates and grid controls that will allow the copy/paste functionality. It is up to the users discretion on how to copy/paste the information into the grid. MS functions include some of the following options: <Ctrl> +C, <Ctrl> + Insert, or Edit/Copy from the menu tool bar.

DAVOX: Multiprocess DAVOX Download File Generation

The Collections Module Customization [U1121] update has been modified with a new field "DAVOX Multi-process Count". This new field will allow the user to manually enter the numeric value ranging from 1-20. Additionally, the lease/util 221 option has been modified to allow the user to enter the total number of DAVOX processes to be run. These new options will allow DAVOX to reduce the length of processing time.

Modify Miscellaneous Charges on Alternate Lease Summary

The Miscellaneous Charges field on the Alternate Lease Summary screen has been modified to include all outstanding assessment charges regardless of the due date. Tax and/or Late Charge assessments will not be included in the total.

Off Lease Billing & Collections WS: OLB Invoices Displayed on the R0601

The Delinquency [R0601] report has been modified to allow the user to view all delinquent invoice types including Off Lease Billing invoices that are attached to leases with NPxx and/or assets with a USLD type status. Additionally, the delinquency buckets will be updated to incorporate Off Lease Billing invoices that are tied to P,Q and I type leases. The Collection Work Schedule [U1101] will display all delinquent invoices for both on-lease and off-lease accounts, including paid off and terminated leases.

Off Lease Billing: Cycle Invoicing for OLB Invoices

A new switch has been added to the Miscellaneous Customization option of the Custom General [U0712] update; *"OLB INV on Lease Due Date (Y/N)"*. This new field will allow the user the option to process Off Lease Billing invoices, either P or Q, through Cycle Invoices on the original lease accrual date and consecutive months following-until the lease is paid off.

PAP/ACH Bank File: Generate PAP/ACH file on Next Business Day

LeasePak can now generate PAP/ACH information on the next business day for payment due dates that fall on a weekend or holiday, as defined in the Weekend Holiday [U0720] update. This new functionality will work in conjunction with the *Bank File After Due Date (Y/N)* field in the PAP/ACH Control File option of the Portfolio [U0212] update.

New Optional Modules

Table Driven Depreciation

A new menu option, Depreciation [U0730], has been added to LeasePak. This update allows the user to Add, Change, Delete Table Driven Depreciation Methods based on depreciation life and whether the depreciation calculation is formula or table driven.

> **NOTE:** An SQL query must be run prior to deleting any Depreciation Codes that may be tied to an existing asset. Failure to do so will cause End-of-Period processing to fail in Sequential Updates [U0411]. The following is the suggested isql tool that should be used:

```
> select bkd_s from req where bkd = 'XXXX'
> go
> select bkd_s from raq where bkd = 'XXXX'
> go
```

2001JULE Fund Collection

The 2001 JULE Fund enhancement collection includes the features below. In order to receive any of these features, the entire 2001 JULE Fund module must be purchased. Please contact your Product Support Business Analyst for more information on participating in the JULE Fund or on purchasing this collection.

Auto Assess NSF Fee

A new field, *"Automatic NSF Fee Assessment Code"* has been added to the Miscellaneous Customization option of the Portfolio [U0212] update. This new option will allow LeasePak to automatically assess an insufficient fund fee when a Payment or Payoff Reversal has been processed.

Historical Rate Change Tracking

LeasePak now has the ability to track all Sales Tax rate changes at the Location [U0701] level. A new historical table RHO has been added to store all the historical rate changes.

Multiple Asset Maintenance Update U0230

A new update *Multiple Asset Maintenance [U0230]* has been added to LeasePak. This new update allows the user to update information for multiple-asset leases. Once a lease number is entered, LeasePak will display all assets that are tied to the lease. The user will have the option to select 'All' or specific assets. The fields that may be updated for the assets are the following: Address, Use Tax Code, Property Tax (Y/N), Tax Type, Allow Property Tax (Y/N) Property Tax Basis and Title Filings.

Multiple Asset Tax Waiver

A new option has been added to the Assessment [U0105] update, *Multi Asset Tax Waiver,* allowing the user to waive Sales/Use Tax and Property Tax for leases with multiple assets. The user may select *'All'* to waive the tax on all the assets tied to the lease, or they may select specific assets tied to the lease. This new option works in conjunction with the Off Lease Billing Module and the 2001 JULE Fund module.

OPER Extension on Cash Basis

A new field has been added to Lease Extension [U0108] *"Income Cash/ Accrual (C/A)"*. This field will allow the user to select Cash basis for operating type lease extensions therefore allowing the Book Depreciation accrual to continue during the extension period. This new option also applies to Auto Lease Extension [U0430].

Payment Labels for Off Lease Invoices

The Accounts Receivable Balancing [R0404] report has been modified to display "Type Other" and "Other" columns to list off lease accounts that have a P or Q type invoice status from a Payoff/Termination [U0103]. This new feature works in conjunction with the Off Lease Billing module and the 2001 JULE Fund module.

3   Discrepancy Fixes

Discrepancy Fixes Beta Release

The following section lists all discrepancies fixed in LeasePak 4.6a beta release. The listing is categorized according to the LeasePak UX update that it most affects (it may have also affected other LeasePak updates and reports).

Disc #	Update	Description
33504	U0210	The Asset [U0210] update was erroneously displaying the following message: "City and State combination does not exist" when the State had been modified.
502396	U0205	LeasePak was erroneously displaying and reading the State abbreviation code for Yukon, 'YK' as 'YT'; causing the following error message: "Invalid State:YK".
503647	U0102	The Cancel button in Payments [U0102], was erroneously not canceling transactions.
504474	U0725	LeasePak was incorrectly assessing Sales Tax on the Property Tax of NOEX type leases.
504731	U0103	The G/L was out of balance in Unamortized IDC when an Asset Termination was processed on a two-asset lease.
505035	U0902	LeasePak was not allowing Note Payable Payments to be reversed. The following error message was displayed: "Unable to find Payment Amount for last DNP".
505153	U0103	Payoff amounts with NPV methods were not coinciding after a Payoff Reversal was processed.
505154	U0103	The Asset Payoff Amount for Leases with multiple assets and NPV methods; did not match after the first asset was paid off.
505786	U0103	Payoff Reversal [U0103] was erroneously allowing a reversal of a paid off invoice without reversing the payoff.
505832	U1131	The Delete Collection User message was erroneously mislabeled.
505961	R0405	End of Month was not clearing the Use Tax Payable account in the Daily Transaction Journal [R0405] report.

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Disc #	Update	Description
505978	R0406	Off Lease Billing was writing erroneous entries to the Lease Payment Receivables for the invoice amount of Suspended Leases.
505989	U0103	LeasePak was not reversing Property Tax on Assessments on 'Q' type purchase invoices when a Payoff Reversal was processed.
505991	U0103	Asset Payoff was incorrectly processing accrual reversals and re-accrual on the Payoff Effective Date.
506024	U0103	LeasePak was erroneously processing Payment/Payment Reversals on Paid-off/Terminated leases.
506760	U0103	LeasePak was not allowing a Termination Reversal after a Sale of Asset Reversal was processed.
506855	U0101	LeasePak was automatically changing Colorado vehicle asset tax codes to PMST at the time of booking.
507104	U0102	Reverse Payment Reversal [U0102] erroneously displayed the following error message: "Must apply all reversed funds. $xx.xx left to apply", when reapplying Payments on an IBL type lease.
507458	R1005	Vertex load caused LeasePak's combo box for State, County , City to display the following error message: "Invalid State, County, City".
507996	U0103	RIFE type accounts displayed the Loan Balance and Remaining Net Investment with outstanding amounts when the account was paid off in NCPR status in the Lease Summary screen.
508305	R0301	The Taxable Income report was not reflecting the revised taxable income for operating leases when an operating lease was placed on non-accrual status and then backdated.
508412	U0105	LeasePak displayed the following error message: "Error during commit of transaction SQL code=<2601>" when assessing PPT to a sold asset on a lease without entering an invoice number.
508520	U0117	LeasePak was not listing all disbursed checks on the Check Disbursal [U0117A] report when EOP was processed.
508523	U0114	LeasePak caused a G/L out of balance when a Change Lease Key [U0114] was processed and Rental Payments and Pre-Payments had been applied.
508740	R1201	LeasePak displayed incorrect Maturity Dates on Notes Payable Notes booked with future dates.
508784	R0606	The Accounts Receivable Aging [R0606] report displayed duplicate Credit Memos when the first invoice processed a Credit Memo.

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Disc #	Update	Description
508892	U11	'P' and 'Q' type Off Lease Billing invoices did not display in the Delinquency [R0601] report or in the Collection Tracking module.
508895	U0301	Invoices created through the Off Lease Billing module were not accruing Unpaid Late Charges.
508896	R0405	When Payoffs were processed with a Gain on Sale, the G/L would erroneously display negative entries in the debit column.
508929	U0102	Processing Reverse Payment to Effective Date without a Bank Code displayed the following message: "Warning: Bank Code is blank. Original Bank Code will be used". LeasePak did not display the new or original Bank Code when processed.
508966	U14	The Maturing Lease Work Schedule and the User Reassignment updates were erroneously displaying inconsistent Number of Days to Maturity.
509069	R0103	The Net Outstanding and Gross Receivable balances were not coinciding with the Custom Calculations field set in Portfolio [U0212] in the following reports: Account Balances [R0103] and Lease Inquiry [R0905].
509080	U0301	LeasePak was not recognizing Income IDC amounts from previous months when the EOM Pre–Accrual and Invoicing switch was selected in End of Period Customizations [U0212].
509163	F5	The [F5] Lease Summary screen incorrectly displayed the percentage for aggregate Sales Tax Rates.
509241	U0415	Auto Principal Paydown was incorrectly posting paydowns in NMAT status.
509260	U0212	LeasePak's RB1 file format field #7 in Basic Payment Record was not in compliance.
509307	U0801	Cloned assets on leveraged leases erroneously defaulted the ALT MIN Tax Depreciation to Federal and State Depreciation.
509310	U0801	LeasePak was not displaying User Defined Clients on leveraged leases in Applications.
509407	U0103	LeasePak was erroneously including the Loss on Sale/Termination amount with the Invoice Amount for Sales Tax calculations.
509437	U0102	Enhanced Payments was incorrectly applying payments on invoices that had been extended on a Cash Basis with an overpayment (credit memo).
509462	U0411	EOP was failing in Partial Deductions with an "Optimistic Locking Error" on the ROP table.

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Disc #	Update	Description
509481	U0102	LeasePak was incorrectly processing pre-payments with Suspense via Payments [U0102].
509527	U0103	The Off Lease Billing module was incorrectly calculating the Tax on an Asset Payoff.
509566	R0112	The Forecasting [R0112] displayed the incorrect Taxable Income and Tax IDC amounts on leveraged leases.
509640	R0112	DVA1 and DVA2 Book Depreciation methods caused the Forecasting [R0112] report to fail with the following error message: "Basic Error #52. Open error on /opt/sector7/v43a/library/VXBASIC.TXT".
509642	U0103	Termination of a Split Asset on an extended lease caused the Trial Balance [R0901] report to display erroneous Original Cost Amounts.
509647	U0108	Lease Extension Reversal caused a G/L out of balance. The Accumulated Depreciation and Depreciation Expense transactions were not reversing FIN and OPER type extensions correctly.
509701	R0901	The Trial Balance [R0901] report was incorrectly listing the Vendor Subsidy Total in the wrong column.
509708	R0905	The Lease Inquiry report displayed incorrect amounts for MTD Lessor Income on IBL's with an Effective Date greater than the Accrue to Date.
509818	U0460	The timing in the RTX column of the Master G/L Reconciliation [U0460] report is causing a G/L out of balance.
509830	U0460	The Master G/L Reconciliation [U0460] A and B reports were erroneously displaying incorrect details after EOM processing.
510044	R0403	The G/L Reconciliation [R0403] report was erroneously displaying a G/L out of balance in the Accumulated Depreciation after a Lease Extension from an AAPR to an AOSL type lease was processed.
510063	F5	The [F5] Lease Summary screen displayed an incorrect Paid Thru Date when a lease was extended.
510072	R0905	The Lease Inquiry [R0905] report Accrual Information for Lessor Income was not being updated when a Cash Basis Extension was processed.
510077	U0801	A Run-Time error was displayed when booking a floating rate type lease in the Application Tracking module [U0801] and Book Lease [U0101].

Disc #	Update	Description
510084	R0112	LeasePak was displaying a "Server time out." When a month-to-month lease was entered in the search criteria of the Forecasting [R0112] report.
510100	R0403	The General Ledger Reconciliation [R0403] report displayed the G/L out of balance in the Used Inventory column after a Termination was processed.
510103	U0108	Leases with REO* type extension accrual methods were causing a G/L out of balance on the Effective Date of the Auto Lease Extension.
510105	U0103	Termination displayed erroneous field labels.
510141	U1101	Behavioral Scoring produced a Run-Time Error: '3265' on the Alternate Lease Summary screen.
510145	R0403	LeasePak was causing a G/L out of balance in the G/L Reconciliation [R0403] report after a Termination Reversal was processed on Accumulated Depreciation-Unused Inventory.
510219	U0103	EBV Payoff Methods caused a G/L out of balance in Payoff. The remaining IDC Amount was erroneously taken from the IDC Amortization instead of from Clearing; creating and additional entry amount for the FMV.
510238	R0405	Auto Unsuspended, Matured leases caused a G/L out of balance in the Income Receivable and Income Receivable Unbilled amounts.
510324	R0909	The Account Payment History [R0909] report was displaying asterisks in the place of the Bank Code number.
510385	F5	LeasePak was not updating the State, County, City codes in the [F5] Lease Summary Asset tab.
510403	U0102	LeasePak was erroneously allowing Payment Reversals after a Payoff had been processed.
510531	U0902	Negative Amortizations in Notes Payable produced the following error message: "Warning: Note has negatively amortized".
510643	U0118	Payment Due Date Change was erroneously processing Due Date Changes and producing the following error message: "A server error has occurred. Please contact your supervisor. Make note of the following error message: MXSQL_DBSQLEXEC SQL command failed, msgerror= <1204>".
510647	U0212	PAP Bank layout format displayed unsupported layout options.
510748	U0429	Automatic CSA Payoff was incorrectly paying off CSA's with a balance in Accounts Payable.

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Disc #	Update	Description
510848	U0460	Off Lease Billing 'P' type invoices caused erroneous information on the Master G/L Reconciliation [U0460] report.
510965	U0301	Interactive Cycle Accruals displayed the following error message: "Lxbuffer: Update call was not preceded by a Get Program stack". ***Duplicate Ticket: 511244***
511055	U0460	Sales Tax on NMAT and RAXE type leases were not displayed on the Master G/L Reconciliation [U0460] report.
511187	U0101	LeasePak was erroneously cutting off the field names in Add Asset.
511252	U0419	EOP: Closed Lease Clean-up failed due to records in the RHY table.
511255	U0102	LeasePak displayed the following error message when applying a payment to a recently booked application: "Lxbuffer: Duplicate Key Error: Cannot put a row to Unsorted Memory if already Unsorted".
511263	U0103	The Federal Depreciation report [R0304], displayed incorrect YTD Depreciation amount on assets that had been Terminated and Reversed.
511273	U0103	LeasePak overstated the NBVin the Off Lease Inventory [R1001] when a Sale of Asset from Inventory was reversed.

Discrepancy Fixes General Availability Release

The following section lists all discrepancies fixed in LeasePak 4.6a General Availability release. The listing is categorized according to the LeasePak UX update that it most affects (it may have also affected other LeasePak updates and reports).

Disc #	Update	Description
501232	U0433	LeasePak was not posting late charges on NMAT leases with no residual.
504460	LPUX	The RASE table contained incorrect record values.
504808	U0412	The Late Charges on Assessments module was not assessing late charges on leases in NMAT status and OUTP calculation method during End of Period.
505154	U0103	LeasePak was incorrectly calculating the Payoff Amount of the remaining assets after the first asset was paid off with an NPV type method.

Disc #	Update	Description
505817	R0301	The Taxable Income [R0301] report was dropping the IDC Expense YTD for paid-off and terminated leases.
507371	R0405	The Daily Transaction Journal [R0405] report was unable to display transactions based on PCRO, Lease Number and G/L Number search criteria.
508098	U0103	The following error message was displayed when paying off a RVVO type lease using EBV and PRN Payoff Methods: "Payment does not cover cost".
509330	U0103	The Principal Balance Amount was incorrect when applying overpayments with the Principal Paydown option turned on.
509985	R0901	The subtotal and grand total columns in the Trial Balance [R0901] report were misaligned.
510293	U0415	LeasePak was locking the Accounts Receivable record when the final payment amount was less then the monthly payment schedule amount.
510770	LPUX	LeasePak was not allowing AMT methods to be changed from MHxx to BHxx or LHxx.
511060	U0801	The ESC option was not functioning in the Asset Application Tracking screen.
511170	U0108	Book Requirements was not validating the Accrual Method and Contract Type fields in Lease Extension [U0108].
511239	R0912	The Paid Off Lease [R0912] report was inconsistently displaying leases that had been paid off.
511288	U0705	The Base Rates [U0705] update incorrectly displayed the months of March, May and June.
511305	U0103	The Payoff [U0103] update was causing a G/L out of balance on pre-computed invoices.
511323	U0460	The Principal Receivable account was out of balance on floating rate leases.
511324	U0302	LeasePak was incorrectly printing the U0302B report during EOP.
511344	U0205	LeasePak was displaying a 'Run-Time Error 5' when the Save button was selected.
511374	R0108	The Book Value on the Book/Gain Loss [R0108] report was incorrect.
511380	U0411	The Metro 2 module was causing EOP Sequential Updates to delay processes.

Disc #	Update	Description
511385	R0909	The Account Payment History [R0909] report was incorrectly wrapping the data when the Customer/Group criteria was selected.
511423	U0801	The User Defined Application Asset table was not displaying all the value information in the drop down combo box.
511461	U1101	The "Rem Pmts" and "# Open Pmts" counters were incorrect due to rounding errors.
511558	U0103	The Clearing and Unearned Income accounts displayed a G/L out of balance when processing an asset payoff and the date was less than or greater than the accrued to date.
511565	U0415	Batch Payments was creating erroneous Suspense Items in IBL type leases.
511581	U0103	Unearned Income Adjustment was incorrectly calculated and caused the following messages when attempting to payoff the second and third assets on a lease with multiple assets: "Payments do not cover cost." and "Unable to Calculate Yield", causing LeasePak to cancel out of the transaction.
511582	U0415	LeasePak was allowing a Principal Paydowns on leases with NCxx, Paid off/Terminated statuses.
511633	U0103	LeasePak was incorrectly calculating the remaining lease payment amount when an asset payoff or termination was processed on a FIN type lease.
511744	F5	LeasePak was incorrectly counting the number of Credit Memos based on the Paid Thru Date that were tied to the lease.
511752	U1311	LeasePak was incorrectly displaying User Names for the Maturing Lease Tracking module in the Insurance Reassignment module.

Discrepancy Fixes Maintenance Release

The following section lists discrepancies fixed in LeasePak 4.6a Maintenance release. The listing is categorized according to the LeasePak UX update that it most affects (it may have also affected other LeasePak updates and reports).

Disc #	Update	Description
502710	U0114	Batch Payments was erroneously processing PAP Batch Payment processes when any one of the following updates were processed: Change Key [U0114], Auto Desecuritization [U0435], Batch Payment Reversal [U0102] and [U0470], Cash Control [U0126] and lease/util 212-Batch Change Key.

Disc #	Update	Description
509114	U0102	Enhanced Payments was erroneously failing when the Customer/Group option was selected on Delinquent leases.
511261	U0470	Batch Payment Reversal was erroneously failing during EOP with the following error message: "LeasePak UX-Error beginning transaction, a tx is already in progress".
511646	U0103	Off Lease Billing was erroneously charging tax on amounts entered in the Allowance for Bad Debt field.
511615	R0404	LeasePak was incorrectly processing Late Charge on Assessments when DEF type Payment Reschedules were processed.
511908	U0305	LeasePak was incorrectly applying over payment to NH** status leases; creating a Suspense item for the overage.
511909	U0306	The audit and exception reports for Batch Payment Reversals [U0306] and [U0470] were displaying erroneous data when Batch Payment Reversals were processed for an IBL.
511911	U0102	LeasePak was not allowing the user to process any reversals with the NSF code. The following message was displayed: "Error- The Automatic NSF Fee Assessment Code must be properly set up in U0212MI to continue".
511920	U0103	LeasePak was incorrectly terminating FIN type leases by calculating the Assets % of Schedule instead of the Residual Value at maturity.
511932	U0125	LeasePak v4.6a GA disallowed any payment to the last invoice when an account was in NMAT status and Batch Payments was used. *See Chapter 1 MSI Notes for more information*.
512025	R0404	LeasePak was causing the Gain to be overstated when a Payoff and a Payoff Reversal was processed on an RAXE type lease.
512063	R0926	End of Period processes displayed erroneous entries and Suspense items on the Cash Control Payment History report for IBL's in NMAT status.
512088	R0926	The Cash Control Payment History report and the Account Payment History [R0909] reports displayed erroneous Credit Memos.
512127	R0301	The Taxable Income report now displays the revised taxable income for TLA-FIN type leases in NHLD status while the taxable income for TLA-OPR type leases in NHLD status, remain unchanged.

> **NOTE:** This discrepancy fix reverses code changes made in versions 4.5a and 4.6a Beta for ticket 508305 and reapplies previous LeasePak functionality (v4.4a).

Disc #	Update	Description
512263	U0305	A blank line in the Batch Payment Input file created a erroneous suspended item with invalid invoice number: "Invalid Payment Option".
512298	CONV	Vertex conversion load (v45a to v46a) displayed the following error message: "State geo not in RST".

Appendix A
Table and Field Changes in 4.6a

The following is a list of table and field changes in 4.6a. These changes would be made to an existing LeasePak database during the conversion process.

Changes to Existing Tables

Table Name	Table Description	Field Name	Field Description	Data Type
RAC	Preauthorized Payments Control			
		Generate bank file after due date (Y/N)	bank_file_after_due_c	char/1
RAR	Accounts Receivable			
		OLB Payoff/Termination flag (T/P/' '): T - Termination and OLB P or Q invoice P - Payoff and OLB P or Q invoice ' ' - not OLB P or Q invoice	olb_payoff_c	char/1
RCG	Custom General			
		DAVOX multi process count	davox_multi_proc_l	longint
		OLB to bill on lease due day (Y/N)	olb_invo_due_c	char/1
		Create history for DLO updates	loc_his_c	char/1
RCS	Historical Asset-Payoff			
		Taxable income YTD amount	tax_inc_ytd_d	double/8.2
		FSC exclusion YTD amount	fsc_ytd_d	double/8.2
		Interest expenses YTD amount	int_expn_ytd_d	double/8.2
		Deferred tax YTD amount	dfrd_tax_ytd_d	double/8.2
REQ	Asset			
		OLB sales tax amount	olb_stax_d	double/8.2
		OLB invoice/rent amount	olb_invo_d	double/8.2
		Taxable income YTD amount	tax_inc_ytd_d	double/8.2
		FSC exclusion YTD amount	fsc_ytd_d	double/8.2
		Interest expenses YTD amount	int_expn_ytd_d	double/8.2
		Deferred tax YTD amount	dfrd_tax_ytd_d	double/8.2
RHA	Historical Accounts Receivable			
		OLB payoff/termination flag (T/P/' ') T - Termination and OLB P or Q invoice P - Payoff and OLB P or Q invoice ' ' - not OLB P or Q invoice	olb_payoff_c	char/1

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Table Name	Table Description	Field Name	Field Description	Data Type
RLO	Location			
		Run date	d_run_s	datetime
		Run time	t_run_s	char/6
RLS	Lease			
		Deferred tax YTD amount	dfrd_tax_ytd_d	double/8.2
RPA	Portfolio Customizations			
		Post unbilled income to gain/loss (Y/N)	post_unb_gnls_c	char/1
		Generate bank file after due date (Y/N)	bank_file_after_due_c	char/1
		NSF assessment code	nsf_assmt_code_s	char/4
		OLB Apply Rent Amount To Base Payoff (Y/N)	olb_rent_base_c	char/1
RSC	Operator Security			
		Override portfolio security on Lease Summary (Y/N)	por_ovr_lse_summ_c	char/1
		Automatic refresh of notebook work schedule (Y/N)	auto_refresh_nbws_c	char/1
RYR	End of Year Tax			
		Taxable income YTD amount	tax_inc_ytd_d	double/8.2
		FSC exclusion YTD amount	fsc_ytd_d	double/8.2
		Interest expenses YTD amount	int_expn_ytd_d	double/8.2
		Deferred tax YTD amount	dfrd_tax_ytd_d	double/8.2

New Tables

Table Name	Table Description	Field Name	Field Description	Data Type
RGG	Gain/Loss Reconciliation	"por_s [2] + com_s [2] + reg_s [2] + off_s [3] + lse_s [10] + unit_s[10] + d_run_s [6] + t_run_s [6]"	key_s	char/41
		Portfolio	por_s	char/2
		Company	com_s	char/2
		Region	reg_s	char/2
		Office	off_s	char/3
		Lease	lse_s	char/10
		Asset number	unit_s	char/10
		Run date	d_run_s	date/key

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Table Name	Table Description	Field Name	Field Description	Data Type
RGG *(continued)*	Gain/Loss Reconciliation	Run time	t_run_s	char/6
		Sybase timestamp	timestamp	timestamp
		Asset disposition date	d_unit_disp_s	datetime
		Asset number	unit_s	char/10
		"Gain/loss transaction originator (P/T/B/S/A) P - Payoff T - Termination B - Batch payoff S - Sale of asset A - GL adjustmnents"	gnls_orig_c	char/1
		Proceeds from sale	pro_sale_d	double/8.2
		Gain	gain_d	double/8.2
		Loss	loss_d	double/8.2
		Allowance for bad debt	allow_d	double/8.2
		Book value	nbv_pay_d	double/8.2
RHO	Historical location	Clusrtered	st_s, ct_s, cy_s, d_run_s, t_run_s	
		st_s[2] + ct_x[4] + cy_s[4] + d_run_s[6] + t_run_s[6]	key_s	char/22
		State name	st_s	char/4
		County name	ct_s	char/4
		City name	cy_s	char/4
		Date of run	d_run_s	datetime
		Time of run	t_run_s	char/6
		effective date of rate change for state	d_st_s	datetime
		effective date of rate change for county	d_ct_s	datetime
		effective date of rate change for city	d_cy_s	datetime
		state rate	p_st_rat_d	double/5.2
		county rate	p_ct_rat_d	double/5.2
		city rate	p_cy_rat_d	double/5.2

Table Name	Table Description	Field Name	Field Description	Data Type
RHO *(continued)*	Historical location	state max tax	st_max_d	double/9.2
		county max tax	ct_max_d	double/9.2
		city max tax	cy_max_d	double/9.2
		county transit rate	p_ct_tran_rat_d	double/5.2
		city transit rate	p_cy_tran_rat_d	double/5.2
RSP	Customer Service User Profile			
		Clustered Unique	opr_s	
		opr_s[3]	key_s	char/3
		Operator initials	opr_s	char/3
		Sybase timestamp	timestamp	timestamp
		Customer Service options (Y/N)	s_cus_mod_c	char/30
		Display newer follow-up dates before older (Y/N)	s_new_note_first_c	char/1
		Access all Customer Service users (Y/N)	all_c	char/1
		Signature name	sign_s	char/36
		Signature title	title_s	char/25
		Work Schedule default user	ws_def_user_s	char/3
		Work Schedule default team	ws_def_team_s	char/4
		Work Schedule default status	ws_def_stat_s	char/4
		Work Schedule sort order - lease number	ws_lse_num_l	longint
		Work Schedule sort order - lessee number	ws_les_num_l	longint
		Work Schedule sort order - short name	ws_shrt_name_l	longint
		Work Schedule sort order - follow-up date	ws_folw_l	longint
		Work Schedule sort order - note priority	ws_prior_l	longint
		Supervisor	supervisor_c	char/1
MSVC	Next client number	Next client id number to use	nxt_clnt_num_d	float
msvr	Next reference number Next	nxt_ref_num_d	float	

Table Name	Table Description	Field Name	Field Description	Data Type
		reference number to use		
rac	Preauthorized Payments Control Generate bank file after due date (Y/N)	bank_file_after_due_c	char(1)	
rap	Application	Non-pyramiding late charge minimum payment due	npyr_min_d	float
rar	Accounts Receivable	OLB payoff/termination flag (T/P/' '):T - Termination and OLB P or Q invoice P - Payoff and OLB P or Q invoice	olb_payoff_c	char(1)
rcc	Custom Codes	0 - no security access allowed to codes in this category 1 - new codes may be added to this code category 2 - existing codes may be deleted from this code category 4 - descriptions of existing codes may be modified in this code category	security_l	integer
rcg	Custom General	DAVOX multi process count	davox_multi_proc_l	integer
		OLB to bill on lease due day (Y/N)	olb_invo_due_c	char(1)
		Create history for DLO updates (Y/N)	loc_his_c	char(1)
		Gain take on IDC at payoff (Y/N)	idc_gain_on_payoff_c	char/1
rcs	Historical Asset-Payoff	Taxable income YTD amount	tax_inc_ytd_d	float
		FSC exclusion YTD amount	fsc_ytd_d	float
		Interest expenses YTD amount	int_expn_ytd_d	float
		Deferred tax YTD amount	dfrd_tax_ytd_d	float
reqa/rhqa	Asset	OLB sales tax amount	olb_stax_d	float

Table Name	Table Description	Field Name	Field Description	Data Type
reqa/rhqa continued	Asset	OLB invoice/rent amount	olb_invo_d	float
		Taxable income YTD amount	tax_inc_ytd_d	float
		FSC exclusion YTD amount	fsc_ytd_d	float
		Interest expenses YTD amount	int_expn_ytd_d	float
		Deferred tax YTD amount	dfrd_tax_ytd_d	float
rgg	Gain/Loss Reconciliation	Portfolio	por_s	char(2)
		Company	com_s	char(2)
		Region	reg_s	char(2)
		Office	off_s	char(3)
		Lease	lse_s	char(10)
		Asset number	unit_s	char(10)
		Run date	d_run_s	datetime
		Run time	t_run_s	char(6)
		Sybase timestamp	timestamp	timestamp
		Asset disposition date	d_unit_disp_s	datetime
		Gain/loss transaction originator (P/T/B/S/A) P-Payoff T-Termination B-Batch Payoff S-Sale of Asset A- G/L Adjustments	gnls_orig_c	char(1)
		Proceeds from sale	pro_sale_d	float
		Gain	gain_d	float
		Loss	loss_d	float
		Allowance for bad debt	allow_d	float
		Book value	nbv_pay_d	float
rha	Historical Accounts Receivable	OLB payoff/termination flag (T/P/' '): T - Termination and OLB P - Payoff and OLB P or Q invoiceP or Q invoice' ' - not OLB P or Q invoice	olb_payoff_c	char(1)

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Table Name	Table Description	Field Name	Field Description	Data Type
rho	Historical Location	State name	st_s	char(2)
		County name	ct_s	char(4)
		City name	cy_s	char(4)
		Date of run	d_run_s	datetime
		Time of run	t_run_s	char(6)
			timestamp	timestamp
		effective date of rate change for state	d_st_s	datetime
		effective date of rate change for county	d_ct_s	datetime
		effective date of rate change for city	d_cy_s	datetime
		state rate	p_st_rat_d	float
		county rate	p_ct_rat_d	float
		city rate	p_cy_rat_d	float
		state max tax	st_max_d	float
		county max tax	ct_max_d	float
		city max tax	cy_max_d	float
		county transit rate	p_ct_tran_rat_d	float
		city transit rate	p_cy_tran_rat_d	float
rlsb/rhsb	Lease	Deferred tax YTD amount	dfrd_tax_ytd_d	float
		Non-pyramiding late charge minimum payment due	npyr_min_d	float
		IDC amortization addon interest rate	p_idc_addon_l	integer
		IDC amortization interest rate	p_idc_amort_l	integer
		Schedule principal	sch_prn_d	float
		Late charge date	d_ltch_s	datetime
		Late charge assessed prior to last accrual (Y/N)	prev_ltch_c	char(1)
rpay	Portfolio Customization	Post unbilled income to gain/loss (Y/N)	post_unb_gnls_c	char(1)
		NSF assessment code	nsf_assmt_code_s	char(4)

Table Name	Table Description	Field Name	Field Description	Data Type
		OLB apply rent amount to base payoff (Y/N)	olb_rent_base_c	char(1)
rsc	Operator Security	Override portfolio security on Lease Summary (Y/N)	por_ovr_lse_summ_c	char(1)
		Automatic refresh of notebook work schedule (Y/N)	auto_refresh_nbws_c	char(1)
rsp	Customer Service User Profile	Operator initials	opr_s	char(3)
		Sybase timestamp	timestamp	timestamp
		Customer Service options (Y/N)	s_cus_mod_c	char(1)
		Display newer follow-up dates before older (Y/N)	s_new_note_first_c	char(1)
		Access all Customer Service users (Y/N)	all_c	char(1)
		Signature name	sign_s	char(36)
		Signature title	title_s	char(25)
		Work Schedule default user	ws_def_user_s	char(3)
		Work Schedule default team	ws_def_team_s	char(4)
		Work Schedule default status	ws_def_stat_s	char(4)
		Work Schedule sort order - lease number	ws_lse_num_l	integer
		Work Schedule sort order - lessee number	ws_les_num_l	integer
		Work Schedule sort order - short name	ws_shrt_name_l	integer
		Work Schedule sort order - follow-up date	ws_folw_l	integer
		Work Schedule sort order - note priority	ws_prior_l	integer
		Supervisor	supervisor_c	char(1)
rst	State	Country code	country_s	char(4)
ryr	End of Year Tax	Taxable income YTD amount	tax_inc_ytd_d	float
		FSC exclusion YTD amount	fsc_ytd_d	float

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Table Name	Table Description	Field Name	Field Description	Data Type
		Interest expenses YTD amount	int_expn_ytd_d	float
		Deferred tax YTD amount	dfrd_tax_ytd_d	float
rza	Auditing Transaction	Run date	d_run_s	datetime
		Run time	t_run_s	char(6)
		User name	user_name_s	char(12)
		Unique portion of key	unique_s	char(5)
		Sybase timestamp	timestamp	timestamp
		Text [1]	info1_s	char(250)
		Text [2]	info2_s	char(250)
		Text [3]	info3_s	char(250)
		Text [4]	info4_s	char(250)
		Text [5]	info5_s	char(250)
		Text [6]	info6_s	char(250)
		Text [7]	info7_s	char(250)

Appendix B
Menu Structure

The following LeasePak UX Menu Structure reflects the entire system currently distributed by McCue Systems, Inc. The full LeasePak UX 4.6a Menu Structure is printed on the following pages.