

[Bulletin](#) [Discrepancies](#) [Notices](#) [Enhancements](#) [Database Changes](#)*(Print Version)*

# LeasePak 6.5a Release Notes

Includes release information through build 6.50.4198

## Release Bulletin

The updated list of LeasePak 6.5a enhancements is now part of the [Release Bulletin](#). You can also find a copy of the Release Bulletin (65a\_mr7\_release\_bulletin.pdf) in the ReadMe folder.

## Fixed Discrepancies Listing

The [Fixed Discrepancies Listing](#) contains an archive listing of discrepancies fixed in LeasePak versions prior to 6.5a. For discrepancies fixed in LeasePak 6.5a, refer to the [Release Bulletin](#).

## Fixed ADOCs Listing

The [Fixed ADOCs Listing](#) contains listing of documentation errors (ADOCs) fixed in LeasePak version 6.4a MR5.

## Important Notices

### 1) U0212 Portfolio - > End of Period Customizations document update

U0212 Portfolio - > End of Period Customizations document has been updated for the following field's description:

End of Period Prefetch Count  
End of Period Manual Lease Range

### 2) System Administration Guide » LeasePak DBMS Server » Oracle 11gR2 Server » Initialization Parameters

The recommended values of these Oracle initialization parameters have changed:

SHARED\_POOL\_SIZE  
LARGE\_POOL\_SIZE  
JAVA\_POOL\_SIZE  
PGA\_AGGREGATE\_TARGET

See the Initialization Parameters section for more information.

The NetSol recommendation to disable the following Oracle initialization parameters has been rescinded:

AUDIT\_TRAIL  
DB\_CACHE\_ADVICE  
RECYCLEBIN

Those initialization parameters can now be enabled or disabled according to your company policies.

**3) In prior releases, the Automated Maintenance Configuration section of "System Administration Guide > LeasePak DBMS Server > Oracle 11gR2 Server" instructed the user to disable the Oracle automated maintenance tasks.**

The Oracle automated maintenance tasks are:

1. Automatic Optimizer Statistics Collection
2. Automatic SQL Tuning Advisor
3. Automatic Segment Advisor.

Beginning with v65a, Netsol recommends enabling the Oracle automated maintenance tasks. The Automated Maintenance Configuration section has been removed from the Oracle 11gR2 Server SAG.

If you have previously disabled the Oracle automated maintenance tasks, re-enable them with the Oracle Enterprise Manager graphical interface.

**Note:** *The Oracle automated maintenance tasks are run during a contiguous time interval referred to as a maintenance window. Oracle by default creates seven maintenance windows, one for each day of the week. The Monday through Friday windows start at 10 pm and end at 2 am. The Saturday and Sunday windows start at 6 am and last for 20 hours. The default maintenance windows can be customized to run on a different schedule. If the timing of the Oracle maintenance windows conflicts with End of Period or other critical LeasePak processing, customize the maintenance window schedule accordingly.*

**4) In prior releases, the Optimizer Statistics section of "System Administration Guide > LeasePak DBMS Server > Oracle 11gR2 Server" instructed the user to gather optimizer statistics by periodically running the db\_update\_statistics LeasePak server script.**

Beginning with v65a, Netsol recommends using the Oracle Automatic Optimizer Statistics Collection automated maintenance task to gather optimizer statistics. The Oracle Automatic Optimizer Statistics Collection automated maintenance task will automatically gather fresh optimizer statistics for your LeasePak databases and the Oracle data dictionary.

Once you begin to gather statistics with the Oracle Automatic Optimizer Statistics Collection automated maintenance task, it will be unnecessary to run the db\_update\_statistics LeasePak server script.

## Enhancement Summaries (MR4)

There are no enhancements in MR4 release.

## Enhancement Summaries (MR3)

### 533238 Double Code Performance Mods

The enhancement includes the double code of the following projects:

1. **532792 Improve Performance for U0446 GL Lessor Inc**

This enhancement improves the performance of the updates the U0446 GL Lessor Income Month to Date, Year to Date and Life to Date of each lease to fetch the data and completes the process within minimum time limits. Implementation of this enhancement is only applicable to ORACLE platform.

◆ [U0446 General Ledger Lessor Income](#)

2. **532833 Improve Performance for U0481 Year-End File Build**

This enhancement improves the performance of the update U0481 Year-End File Build. U0481 module creates the END of the Year Asset Tax (RYR) file to be used to create the end of year tax reports. The improved performance supports only ORACLE platform of LeasePak v6.4a.

◆ [U0481 Year-End File Build](#)

• **532924 Improve Performance for R1001 Off Lease Inventory**

The R1001 off Lease Inventory reports the status of assets available in inventory. This enhancement improves the performance of this report to extract data within minimum time limits. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

◆ [R1001 off Lease Inventory](#)

• **532925 Improve Performance for R0902 Lease Inventory**

This enhancement improves the performance of the R0902 Lease Inventory report lists all leases that have not been paid off nor charged off. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

◆ [R0902 Lease Inventory](#)

- **532926 Improve Performance for R0301 Taxable Income**

This enhancement improves the performance of the report R0301 Taxable Income. R0301 provides year-to-date information on taxable income generated by the lease portfolio, assisting in the preparation of the lessor's federal and state tax returns. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

- ◆ [R0301 Taxable Income](#)

- **532927 Improve Performance for R0304 Tax Depreciation**

The R0304 Tax Depreciation report provides year-to-date information on federal, alternative minimum tax (AMT), and state depreciation for the lease portfolio, to assist in the preparation of the lessor's federal and state tax returns. This enhancement improves the performance of the R0304 Tax Depreciation report extraction within minimum time limits. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

- ◆ [R0304 Tax Depreciation](#)

- **532928 Improve Performance for U0482 Clear Year to Date Fields**

This enhancement improves the performance of the EOP U0482 clear Year-To-Date field within minimum time limits. This module zeroes all year-to-date information on the Master Financial (RLS) and Asset (REQ) files. Additionally, this will allow the ability to track prior year-to-date data at the lease level. The EOY process will move the year-to-date data from the lease table to the new table Year to Date History, just before all fields are cleared. The improved performance of R1001 supports only ORACLE platform of LeasePak v6.4a.

- ◆ [U0482 Clear Year-To-Date Fields](#)

- **532878 Snapshot RTX based on date/time range**

This enhancement modifies the db\_snapshot script so that the user may specify to select a query to retrieve data for the bcp out instead of retrieving the full table. The ability to specify a query allows the user to only snapshot records that meet specific requirements such as those created after a certain date.

- ◆ [LeasePak Server Configuration and Maintenance - db\\_snapshot](#)

- **532810 Snapshot/Restore - Multiple Files for the Same Table**

This enhancement changes the db\_snapshot script to not to concatenate multiple files created for the same database table. It also modifies the db\_restore process to recognize multiple files for the same table and restore all of them.

## ◆ [LeasePak Server Configuration and Maintenance - db\\_snapshot](#)

### 533665 MPower API Documentation for 65a

The enhancement provides documentation of mPower API web services with independent sample input / output, request & response DTD's and reference grids for each method of all web services.

## ◆ [Web Services API \(LinkIT\)](#)

### 533755 API Deployment scripts

The enhancement allows LeasePak users to deploy and UN-deploy API web services by running shell scripts. The new script files are located in mPower builds under **WEB\_INF/deploymentscripts** folder.

## ◆ [mPower Server](#)

# Enhancement Summaries (MR2)

### 532672 Add \*AX\* & \*IX\* accrual methods to the Prorate Income module

This enhancement supports the following interest bearing loan accrual methods to the Prorate Income module: AAX6, AAX5, AAX0, AAXE, AIX6, AIX5, AIX0, AIXE, RAX6, RAX5, RAX0, RAXE, RIX6, RIX5, RIX0, and RIXE. The amount of interest income accrued will be based on the number of days the interest-bearing loan was active for each month. Active is defined as an interest-bearing loan that has not been paid off or terminated.

## ◆ [Prorate Income](#)

### 532935 Manf/Mdl Code Load API

This enhancement adds a new web service to LeasePak mPower with class LPAuxTableMaint and a method loadMnfMdl to load manufacturer and model codes along with their descriptions.

## ◆ Web Service ->[LPAuxTableMaint](#)

### 533253 PCRO Structure API (532934)

Adds a new method, getPCRO in class LPSearch of the LinkIT API web services. This

method will return all possible Portfolio (P), Company (C), Region (R), Office (O) combinations along with their respective descriptions.

◆ [LPSearch -> getPCRO](#)

### **533317 Additional Supported Fields for Lessee and Guarantor**

This enhancement supports new supported fields for LESSEE\_RECORD and GUARANTOR\_RECORD. These supported fields are used in the mPower classes MsiAppExtractor, MsiAppOriginator, and MsiAppOriginatorDocLit.

◆ [Supported Fields](#)

### **533381 Adjust un-amortized IDC's and IDR's for IBL**

This enhancement reduces the unamortized IDC, IDC1, IDC2, IDR1, IDR2, IDR3, and IDR4 amounts when an asset payoff or an asset termination on an interest-bearing loan is processed. The amount reduced will be proportional to the asset's percent of schedule.

◆ [U0212 Portfolio](#)

◆ Interest Bearing Loan Overview: [Asset level Payoff/Termination](#)

◆ [General Ledger Accounting: Payoff/Termination](#)

### **533575 Update AcquireIT workbook template**

Updates the excel workbook template to match with the supported fields in the API. The ChannellT web pages will be bypassed and the user sent to AcquireIT after log in since the ChannellT module is no longer supported.

◆ [AcquireIT](#)

### **533613 Double code performance improvements**

Delivery of the double code of the following projects.

- ◆ 532792
- ◆ 532833
- ◆ 532924
- ◆ 532925
- ◆ 532926
- ◆ 532927
- ◆ 532928

## Enhancement Summaries (MR1)

### 523268 Vertex O Series

The Vertex® Indirect Tax O Series Interface is a separately purchasable module of LeasePak. Vertex Indirect Tax O Series Interface permits LeasePak to offload the responsibility of calculating sales and use tax along with maintaining a tax journal to a separate software product available from Vertex Inc.

◆ [Vertex® Indirect Tax O Series Overview](#)

### 529703 Vertex O Conversion Utility

Vertex O conversion utility update allows a user to convert existing contracts to Vertex O contracts. User must convert a contract to Vertex O before using Vertex O interface engine for tax calculations.

◆ [Vertex O Conversion Update Overview](#)

◆ [Vertex O Conversion Update Utility](#)

### 530631 Streamline Batch Applications

Streamline Batch Applications allows a user to automatically book the application once the status of the application is approved. But the application must have booked assets at the time of the status transfer.

◆ [Application Tracking -> Status Transfer](#)

### 531736 API To Retrieve Model Amortization Information

Adds a new web service named LPReports to support external reports with method getR0109. The method accepts input XML, process the input XML file through edit checks of r0109 and returns r0109 XML report.

◆ [Web Service LPLookup->getR0109](#)

### 531737 API To Extract Portfolio Information

This enhancement adds a new web service LPLookup and a method getPortfolio. getPortfolio extracts portfolio information from LeasePak database table rac Preauthorized

Payments Control to use in Credit Application Processing System. The method supports only File Map Type against a given portfolio ID. `getPortfolio` accepts portfolio number as an input, validates the input portfolio number and returns extracted information from `rac` Preauthorized Payments Control table.

◆ [Web Service LPReports->getPortfolio](#)

### 531740 API To Extract Extended Codes

This enhancement allows a user to extract record(s) of portfolio, company, region, office, state, city, county, manufacturer, or model. The method `extractExtndedCodes` takes input parameter and process it depending on the input parameter provided to synchronize Credit Application Processing system.

◆ [Web Service LPSearch->extractExtendedCodes](#)

### 531741 API To Search Form Codes

This enhancement adds a new method to the web service `LPSearch` named *extractFormcodes*. `extractFormCodes` allows a user to extract different LeasePak form codes. The method searches form codes depending on the given input criteria. The method extracts records from LeasePak database `rca` Lease Form table.

◆ [Web Service LPSearch->searchFormCodes](#)

### 531742 API To Extract Base Rates

This enhancement allows a user to get base rates from LeasePak database. The enhancement adds a new web service named `LPLookup` and a method `getBaseRates`. `getBaseRates` extracts LeasePak base rates from LeasePak database `rpr` Daily Base Rate table. The method searches and returns output based on input provided as a prime bank id and method values to extract base rate against a particular financial institution in the given month.

◆ [Web Service LPLookup->getBaseRates](#)

### 531743 API To Extract Custom Codes

This enhancement adds a new method `getallcodes` to the LeasePak web service `LPSearch` and allows a user to extract custom codes defined in LeasePak update `u0722` Custom Code.

◆ [Web Service LPSearch->getAllCodes](#)



## 531744 API For Lessee Exposure

This enhancement allows a user to extract lessee information from LeasePak database. This method takes lessee number as an input data and returns lessee information in an XML document.

◆ [Web Service LPSearch->getLesseeExposure](#)

## 531745 API To Search Client

This enhancement allows a user to search client information from LeasePak database. The method of this enhancement supports to search different client types (lessee, broker, and guarantor).

◆ [Web Service LPSearch->searchClient](#)

## 531746 New Option for Client Receives Advance Money

This enhancement allows a user to reduce the accounts payable amount due to a dealer by amount for the advance payment including the tax associated with by default. All other payments due at commencement will default to be invoiced. This is only in case when the payment is from the advance lease payment or advance loan payment from the payment schedule and does not include any interim rent. Users must own Partial Deductions module to reduce the accounts payable amount due to a dealer by only the advance payment including the tax associated with the advance payment by default.

◆ [U0101 New Lease](#)

◆ [U0212 Portfolio](#)

◆ [Utility 218 Batch Application](#)

## 531747 Batch Check Disbursal

This enhancement upgrades the web service LPBookLease functionality to disburse check. The disburseCheck method of LPBookLease accepts IDC2 disbursement type to disburse check through LeasePak API.

◆ [Web Service LPBookLease->disburseCheck](#)

## 532385 Web Services for LOS Tax Information

This enhancement adds a two web service to LeasePak LinkIT named NstfsLosTax and NstfsLosGeo. The web service NstfsLosTax contains method named taxCalc and web service NstfsLosGeo contains a method named geoSearch. These two web services allow a user to search for the appropriate geocode location and then calculate tax for any type of charges in that location using the geocode tax rates in LeasePak.

- ◆ [Web Service NstFsLosGeo->geoSearch](#)
- ◆ [Web Service NstFsLosTax->taxCalc](#)

## Enhancement Summaries (GA)

### 531520 New Upfront Sales Tax Code

This enhancement supports NOAP use sales tax code to charge sales tax. This use tax codes will not charge sales tax on assessments and payoff.

- ◆ [U0101 Add Asset -> Use Tax Code](#)
- ◆ [U0210 Asset](#)
- ◆ [U0801 Application Asset Tabs -> Tab 5: Miscellaneous](#)
- ◆ [U0801 Application Asset Tabs -> Tab 7: Upfront Sales Tax](#)

### 531439 Sales Tax on Assessment Defined Using a Custom Asset Code

This enhancement allows a user to define sales tax assessments for assets. The enhancement adds a new field of Assessment Tax Class code to define and select assessment tax class. This Assessment Tax Class field enhances LeasePak to define the taxability of assessments for an asset. Users can create these assessment tax classes by using U0725 Sales Tax on Assessments. The custom codes can be added to an asset and will be used when an invoice accrues for that asset with assessment charges or when there are manual assessments.

- ◆ [U0101 Add Asset](#)
- ◆ [U0210 Asset](#)
- ◆ [U0230 Multi Asset Maintenance](#)
- ◆ [U0722 Custom Code](#)
- ◆ [U0725 Sales Tax On Assessments](#)
- ◆ [U0801 Application Asset Tabs-> Tab 5: Miscellaneous](#)
- ◆ [R0502 Application Inquiry](#)
- ◆ [R0905 Lease Inquiry](#)

# LeasePak Database Changes

## ral Lessee/Co-Lessee

### Column Add

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |
| t_lup_s     | Time of last update | CHAR(6)         | yes               | char(6)         | yes               | NULL          |

## rapa Application 2

### Column Add

| Column Name | Description                                                                         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_o_c     | Use Vertex O (Y/N/NULL)<br>Y - Vertex O is used<br>N or NULL - Vertex O is not used | CHAR(1)         | yes               | char(1)         | yes               | NULL          |

## raq Application Asset

### Column Add

| Column Name     | Description                                                                             | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-----------------|-----------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_taid_s      | Vertex tax area id                                                                      | CHAR(10)        | yes               | char(10)        | yes               | NULL          |
| eq_cnty_s       | Equipment county                                                                        | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| tax_pmt_typ_s   | Tax payment type (ST/UC/UR)<br>ST - Stream<br>UC - Upfront cost<br>UR - Upfront rentals | CHAR(2)         | yes               | char(2)         | yes               | NULL          |
| upf_ao_dlr_s    | Upfront sales tax admin origin - vendor number                                          | CHAR(9)         | yes               | char(9)         | yes               | NULL          |
| assmt_tax_cls_s | Assessment tax class (ASM.TAXCLS code)                                                  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |

## rar Accounts Receivable

### Column Add

| Column Name | Description                                                                         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_o_c     | Use Vertex O (Y/N/NULL)<br>Y - Vertex O is used<br>N or NULL - Vertex O is not used | CHAR(1)         | yes               | char(1)         | yes               | NULL          |

## rbk Broker

### Column Add

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |
| t_lup_s     | Time of last update | CHAR(6)         | yes               | char(6)         | yes               | NULL          |

## rcc Custom Code

**Data Add**

| rcc_flg_c | cd_type_s | cd_shrt_s | cd_long_s            | security_l |
|-----------|-----------|-----------|----------------------|------------|
| 1         | VTX.FFC   |           | VERTEX FFC ORIGIN    | 4          |
| 2         | VTX.FFC   | TNCD      | TRANSCODE            | 0          |
| 2         | VTX.FFC   | TPMT      | TAX PAYMENT TYPE     | 0          |
| 2         | VTX.FFC   | LTYP      | LEASE TYPE           | 0          |
| 2         | VTX.FFC   | FMCD      | LEASE FORM CODE      | 0          |
| 2         | VTX.FFC   | ASID      | ASSET ID             | 0          |
| 2         | VTX.FFC   | ASCD      | ASSESSMENT CODE      | 0          |
| 2         | VTX.FFC   | MANF      | MANUFACTURER         | 0          |
| 2         | VTX.FFC   | MODL      | MODEL                | 0          |
| 2         | VTX.FFC   | LSTA      | LEASE STATUS         | 0          |
| 2         | VTX.FFC   | UA01      | USER DEF ASSET FLD01 | 0          |
| 2         | VTX.FFC   | UA02      | USER DEF ASSET FLD02 | 0          |
| 2         | VTX.FFC   | UA03      | USER DEF ASSET FLD03 | 0          |
| 2         | VTX.FFC   | UA04      | USER DEF ASSET FLD04 | 0          |
| 2         | VTX.FFC   | UA05      | USER DEF ASSET FLD05 | 0          |
| 2         | VTX.FFC   | UA06      | USER DEF ASSET FLD06 | 0          |
| 2         | VTX.FFC   | UA07      | USER DEF ASSET FLD07 | 0          |
| 2         | VTX.FFC   | UA08      | USER DEF ASSET FLD08 | 0          |
| 2         | VTX.FFC   | UA09      | USER DEF ASSET FLD09 | 0          |
| 2         | VTX.FFC   | UA10      | USER DEF ASSET FLD10 | 0          |
| 2         | VTX.FFC   | UA11      | USER DEF ASSET FLD11 | 0          |
| 2         | VTX.FFC   | UA12      | USER DEF ASSET FLD12 | 0          |
| 2         | VTX.FFC   | UA13      | USER DEF ASSET FLD13 | 0          |
| 2         | VTX.FFC   | UA14      | USER DEF ASSET FLD14 | 0          |
| 2         | VTX.FFC   | UA15      | USER DEF ASSET FLD15 | 0          |
| 2         | VTX.FFC   | UA16      | USER DEF ASSET FLD16 | 0          |
| 2         | VTX.FFC   | UA17      | USER DEF ASSET FLD17 | 0          |
| 2         | VTX.FFC   | UA18      | USER DEF ASSET FLD18 | 0          |
| 2         | VTX.FFC   | UA19      | USER DEF ASSET FLD19 | 0          |
| 2         | VTX.FFC   | UA20      | USER DEF ASSET FLD20 | 0          |
| 2         | VTX.FFC   | UA21      | USER DEF ASSET FLD21 | 0          |
| 2         | VTX.FFC   | UA22      | USER DEF ASSET FLD22 | 0          |
| 2         | VTX.FFC   | UA23      | USER DEF ASSET FLD23 | 0          |
| 2         | VTX.FFC   | UA24      | USER DEF ASSET FLD24 | 0          |
| 2         | VTX.FFC   | UA25      | USER DEF ASSET FLD25 | 0          |
| 2         | VTX.FFC   | UA26      | USER DEF ASSET FLD26 | 0          |
| 2         | VTX.FFC   | UA27      | USER DEF ASSET FLD27 | 0          |
| 2         | VTX.FFC   | UA28      | USER DEF ASSET FLD28 | 0          |
| 2         | VTX.FFC   | UA29      | USER DEF ASSET FLD29 | 0          |
| 2         | VTX.FFC   | UA30      | USER DEF ASSET FLD30 | 0          |
| 2         | VTX.FFC   | UA31      | USER DEF ASSET FLD31 | 0          |
| 2         | VTX.FFC   | UA32      | USER DEF ASSET FLD32 | 0          |
| 2         | VTX.FFC   | UA33      | USER DEF ASSET FLD33 | 0          |
| 2         | VTX.FFC   | UA34      | USER DEF ASSET FLD34 | 0          |
| 2         | VTX.FFC   | UA35      | USER DEF ASSET FLD35 | 0          |
| 2         | VTX.FFC   | UA36      | USER DEF ASSET FLD36 | 0          |
| 2         | VTX.FFC   | UA37      | USER DEF ASSET FLD37 | 0          |
| 2         | VTX.FFC   | UA38      | USER DEF ASSET FLD38 | 0          |
| 2         | VTX.FFC   | UA39      | USER DEF ASSET FLD39 | 0          |
| 2         | VTX.FFC   | UA40      | USER DEF ASSET FLD40 | 0          |
| 2         | VTX.FFC   | UA41      | USER DEF ASSET FLD41 | 0          |
| 2         | VTX.FFC   | UA42      | USER DEF ASSET FLD42 | 0          |

|   |         |      |                      |   |
|---|---------|------|----------------------|---|
| 2 | VTX.FFC | UA43 | USER DEF ASSET FLD43 | 0 |
| 2 | VTX.FFC | UA44 | USER DEF ASSET FLD44 | 0 |
| 2 | VTX.FFC | UA45 | USER DEF ASSET FLD45 | 0 |
| 2 | VTX.FFC | UA46 | USER DEF ASSET FLD46 | 0 |
| 2 | VTX.FFC | UA47 | USER DEF ASSET FLD47 | 0 |
| 2 | VTX.FFC | UA48 | USER DEF ASSET FLD48 | 0 |
| 2 | VTX.FFC | UA49 | USER DEF ASSET FLD49 | 0 |
| 2 | VTX.FFC | UA50 | USER DEF ASSET FLD50 | 0 |
| 2 | VTX.FFC | UA51 | USER DEF ASSET FLD51 | 0 |
| 2 | VTX.FFC | UL01 | USER DEF LEASE FLD01 | 0 |
| 2 | VTX.FFC | UL02 | USER DEF LEASE FLD02 | 0 |
| 2 | VTX.FFC | UL03 | USER DEF LEASE FLD03 | 0 |
| 2 | VTX.FFC | UL04 | USER DEF LEASE FLD04 | 0 |
| 2 | VTX.FFC | UL05 | USER DEF LEASE FLD05 | 0 |
| 2 | VTX.FFC | UL06 | USER DEF LEASE FLD06 | 0 |
| 2 | VTX.FFC | UL07 | USER DEF LEASE FLD07 | 0 |
| 2 | VTX.FFC | UL08 | USER DEF LEASE FLD08 | 0 |
| 2 | VTX.FFC | UL09 | USER DEF LEASE FLD09 | 0 |
| 2 | VTX.FFC | UL10 | USER DEF LEASE FLD10 | 0 |
| 2 | VTX.FFC | UL11 | USER DEF LEASE FLD11 | 0 |
| 2 | VTX.FFC | UL12 | USER DEF LEASE FLD12 | 0 |
| 2 | VTX.FFC | UL13 | USER DEF LEASE FLD13 | 0 |
| 2 | VTX.FFC | UL14 | USER DEF LEASE FLD14 | 0 |
| 2 | VTX.FFC | UL15 | USER DEF LEASE FLD15 | 0 |
| 2 | VTX.FFC | UL16 | USER DEF LEASE FLD16 | 0 |
| 2 | VTX.FFC | UL17 | USER DEF LEASE FLD17 | 0 |
| 2 | VTX.FFC | UL18 | USER DEF LEASE FLD18 | 0 |
| 2 | VTX.FFC | UL19 | USER DEF LEASE FLD19 | 0 |
| 2 | VTX.FFC | UL20 | USER DEF LEASE FLD20 | 0 |
| 2 | VTX.FFC | UL21 | USER DEF LEASE FLD21 | 0 |
| 2 | VTX.FFC | UL22 | USER DEF LEASE FLD22 | 0 |
| 2 | VTX.FFC | UL23 | USER DEF LEASE FLD23 | 0 |
| 2 | VTX.FFC | UL24 | USER DEF LEASE FLD24 | 0 |
| 2 | VTX.FFC | UL25 | USER DEF LEASE FLD25 | 0 |
| 2 | VTX.FFC | UL26 | USER DEF LEASE FLD26 | 0 |
| 2 | VTX.FFC | UL27 | USER DEF LEASE FLD27 | 0 |
| 2 | VTX.FFC | UL28 | USER DEF LEASE FLD28 | 0 |
| 2 | VTX.FFC | UL29 | USER DEF LEASE FLD29 | 0 |
| 2 | VTX.FFC | UL30 | USER DEF LEASE FLD30 | 0 |
| 2 | VTX.FFC | UL31 | USER DEF LEASE FLD31 | 0 |
| 2 | VTX.FFC | UL32 | USER DEF LEASE FLD32 | 0 |
| 2 | VTX.FFC | UL33 | USER DEF LEASE FLD33 | 0 |
| 2 | VTX.FFC | UL34 | USER DEF LEASE FLD34 | 0 |
| 2 | VTX.FFC | UL35 | USER DEF LEASE FLD35 | 0 |
| 2 | VTX.FFC | UL36 | USER DEF LEASE FLD36 | 0 |
| 2 | VTX.FFC | UL37 | USER DEF LEASE FLD37 | 0 |
| 2 | VTX.FFC | UL38 | USER DEF LEASE FLD38 | 0 |
| 2 | VTX.FFC | UL39 | USER DEF LEASE FLD39 | 0 |
| 2 | VTX.FFC | UL40 | USER DEF LEASE FLD40 | 0 |
| 2 | VTX.FFC | UL41 | USER DEF LEASE FLD41 | 0 |
| 2 | VTX.FFC | UL42 | USER DEF LEASE FLD42 | 0 |
| 2 | VTX.FFC | UL43 | USER DEF LEASE FLD43 | 0 |
| 2 | VTX.FFC | UL44 | USER DEF LEASE FLD44 | 0 |
| 2 | VTX.FFC | UL45 | USER DEF LEASE FLD45 | 0 |

|   |            |       |                       |   |
|---|------------|-------|-----------------------|---|
| 2 | VTX.FFC    | UL46  | USER DEF LEASE FLD46  | 0 |
| 2 | VTX.FFC    | UL47  | USER DEF LEASE FLD47  | 0 |
| 2 | VTX.FFC    | UL48  | USER DEF LEASE FLD48  | 0 |
| 2 | VTX.FFC    | UL49  | USER DEF LEASE FLD49  | 0 |
| 2 | VTX.FFC    | UL50  | USER DEF LEASE FLD50  | 0 |
| 2 | VTX.FFC    | UL51  | USER DEF LEASE FLD51  | 0 |
| 1 | VTX.FFN    |       | VERTEX FFN ORIGIN     | 4 |
| 2 | VTX.FFN    | TRMD  | LEASE TERM IN DAYS    | 0 |
| 2 | VTX.FFN    | WGHT  | WEIGHT                | 0 |
| 1 | VTX.FFD    |       | VERTEX FFD ORIGIN     | 4 |
| 2 | VTX.FFD    | COMD  | COMMENCEMENT DATE     | 0 |
| 2 | VTX.FFD    | MATD  | MATURITY DATE         | 0 |
| 2 | VTX.FFD    | INSD  | IN-SERVICE DATE       | 0 |
| 1 | VTX.VER    |       | VERTEX VERSION        | 4 |
| 2 | VTX.VER    | 0600  | VERSION 6.00          | 0 |
| 1 | ADDR.TYP   |       | ADDRESS TYPE          | 4 |
| 2 | ADDR.TYP   | EQPT  | PAYOFF SHIP TO        | 0 |
| 2 | ADDR.TYP   | EQPF  | PAYOFF SHIP FROM      | 0 |
| 2 | ADDR.TYP   | EQPA  | PAYOFF ADMIN ORIGIN   | 0 |
| 2 | ADDR.TYP   | EQUA  | UPFRONT ADMIN ORIGIN  | 0 |
| 2 | ADDR.TYP   | EQUUD | UPFRONT DESTINATION   | 0 |
| 2 | ADDR.TYP   | QTPT  | PAYOFF QUOTE SHIP TO  | 0 |
| 2 | ADDR.TYP   | QTPF  | PAYOFF QUOTE SHIP FM  | 0 |
| 2 | ADDR.TYP   | QTPA  | PAYOFF QUOTE ADM ORG  | 0 |
| 1 | IC.TYP     |       | ITEM CHARGE TYPE      | 4 |
| 2 | IC.TYP     | PRNA  | PRINCIPAL AMOUNT      | 0 |
| 2 | IC.TYP     | INTA  | INTEREST AMOUNT       | 0 |
| 2 | IC.TYP     | UPFN  | UPFRONT SALES TAX     | 0 |
| 2 | IC.TYP     | SOAS  | SALE OF ASSET         | 0 |
| 2 | TRN        | 926   | VTX O TAX DISBURSAL   | 0 |
| 1 | ASM.TAXCLS |       | ASSESSMENT TAX CLASS  | 4 |
| 2 | ASM.TAXCLS | NONE  | DEFAULT TAX CLASS     | 0 |
| 2 | TXP        | NOAP  | UPFT EXMPT ASMT PYOF  | 0 |
| 2 | PREPAY     | TRM1  | % OF ACQ DECL FROM 1  | 0 |
| 2 | PREPAY     | TRM2  | % OF ACQ DECL FROM 2  | 0 |
| 1 | FEE.SRC    |       | FEE SOURCE            | 0 |
| 2 | FEE.SRC    | PMTX  | U0107 PAYMENT EXT     | 0 |
| 2 | FEE.SRC    | LSEX  | U0108 LEASE EXT       | 0 |
| 2 | FEE.SRC    | PDDC  | U0118 PMT DUE DAY CHG | 0 |
| 2 | PMT.ORIG   | LPCR  | LP CREDIT MEMO        | 0 |
| 2 | PMT.ORIG   | LPRB  | LP REBOOK             | 0 |
| 2 | PMT.ORIG   | LPRC  | LP REVERSE CHECK      | 0 |
| 2 | PMT.ORIG   | LPRL  | LP REMOVE LEASE       | 0 |
| 2 | PMT.ORIG   | LPRV  | LP PMT RESCHED REV    | 0 |
| 2 | PMT.ORIG   | LPSA  | LP SALE OF ASSET      | 0 |
| 2 | PMT.ORIG   | LPSD  | LP SECURITY DEP SUSP  | 0 |
| 2 | PMT.ORIG   | LPSE  | LP SECURITY DEP PAYF  | 0 |
| 2 | PMT.ORIG   | LPSR  | LP SALE OF ASSET REV  | 0 |
| 2 | PMT.ORIG   | LPSV  | LP REVERSAL SUSP      | 0 |

## rcu Customer

### Column Add

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |
| t_lup_s     | Time of last update | CHAR(6)         | yes               | char(6)         | yes               | NULL          |

## rdr Deferral Reversal

### Column Add

| Column Name     | Description                                              | Oracle Datatype | Oracle Allow Null | Sybase Datatype  | Sybase Allow Null | Initial Value |
|-----------------|----------------------------------------------------------|-----------------|-------------------|------------------|-------------------|---------------|
| dpn_stax_fee_s  | DPN key of STAX fee                                      | VARCHAR2(24)    | yes               | char(24)         | yes               | NULL          |
| dht_stax_fee_s  | DHT key of STAX fee                                      | VARCHAR2(24)    | yes               | char(24)         | yes               | NULL          |
| stax_fee_cash_c | STAX fee cash received (Y/N)                             | CHAR(1)         | yes               | char(1)          | yes               | NULL          |
| stax_fee_d      | STAX fee amount                                          | NUMBER(15,2)    | yes               | double precision | yes               | 0.0           |
| ddr_flg_c       | DDR version flag (1/2)<br>1 - old style<br>2 - new style | CHAR(1)         | yes               | char(1)          | yes               | '1'           |

## reqa Asset 2

### Column Add

| Column Name     | Description                                                                             | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-----------------|-----------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_taid_s      | Vertex tax area id                                                                      | CHAR(10)        | yes               | char(10)        | yes               | NULL          |
| eq_cnty_s       | Equipment county                                                                        | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| tax_pmt_typ_s   | Tax payment type (ST/UC/UR)<br>ST - Stream<br>UC - Upfront cost<br>UR - Upfront rentals | CHAR(2)         | yes               | char(2)         | yes               | NULL          |
| upf_ao_dlr_s    | Upfront sales tax admin origin - vendor number                                          | CHAR(9)         | yes               | char(9)         | yes               | NULL          |
| pay_txp_s       | Payoff/sale tax payment code (TXP code)                                                 | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| assmt_tax_cls_s | Assessment tax class (ASM.TAXCLS code)                                                  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |

## res Equity Movement Status

### Column Add

| Column Name | Description        | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|--------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_taid_s  | Vertex tax area id | CHAR(10)        | yes               | char(10)        | yes               | NULL          |
| add2_s      | Address 2          | VARCHAR2(36)    | yes               | char(36)        | yes               | NULL          |
| cnty_s      | County             | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| cty_s       | City               | VARCHAR2(25)    | yes               | char(25)        | yes               | NULL          |

## rgr Guarantor

### Column Add

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |
| t_lup_s     | Time of last update | CHAR(6)         | yes               | char(6)         | yes               | NULL          |

## rha Historical Accounts Receivable

**Column Add**

| Column Name | Description                                                                         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_o_c     | Use Vertex O (Y/N/NULL)<br>Y - Vertex O is used<br>N or NULL - Vertex O is not used | CHAR(1)         | yes               | char(1)         | yes               | NULL          |

**rhqa Historical Asset for Lease Extension/Reversal 2****Column Add**

| Column Name     | Description                                                                             | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-----------------|-----------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_taid_s      | Vertex tax area id                                                                      | CHAR(10)        | yes               | char(10)        | yes               | NULL          |
| eq_cnty_s       | Equipment county                                                                        | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| tax_pmt_typ_s   | Tax payment type (ST/UC/UR)<br>ST - Stream<br>UC - Upfront cost<br>UR - Upfront rentals | CHAR(2)         | yes               | char(2)         | yes               | NULL          |
| upf_ao_dlr_s    | Upfront sales tax admin origin - vendor number                                          | CHAR(9)         | yes               | char(9)         | yes               | NULL          |
| pay_txp_s       | Payoff/sale tax payment code (TXP code)                                                 | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| assmt_tax_cls_s | Assessment tax class (ASM.TAXCLS code)                                                  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |

**hrh Historical Tax Released for Use Tax Disbursal****Column Add**

| Column Name | Description | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------|-----------------|-------------------|-----------------|-------------------|---------------|
| cnty_s      | County      | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| cty_s       | City        | VARCHAR2(25)    | yes               | char(25)        | yes               | NULL          |

**rhsb Historical Lease for Lease Extension/Reversal 3****Column Add**

| Column Name | Description                                                                         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_o_c     | Use Vertex O (Y/N/NULL)<br>Y - Vertex O is used<br>N or NULL - Vertex O is not used | CHAR(1)         | yes               | char(1)         | yes               | NULL          |

**rin Investor****Column Add**

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |
| t_lup_s     | Time of last update | CHAR(6)         | yes               | char(6)         | yes               | NULL          |

**rle Lender****Column Add**

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |



|         |                     |         |     |         |     |      |
|---------|---------------------|---------|-----|---------|-----|------|
| t_lup_s | Time of last update | CHAR(6) | yes | char(6) | yes | NULL |
|---------|---------------------|---------|-----|---------|-----|------|

## rlr Vendor

### Column Add

| Column Name | Description         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|---------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_taid_s  | Vertex tax area id  | CHAR(10)        | yes               | char(10)        | yes               | NULL          |
| cnty_s      | County              | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| d_lup_s     | Date of last update | DATE            | yes               | datetime        | yes               | NULL          |
| t_lup_s     | Time of last update | CHAR(6)         | yes               | char(6)         | yes               | NULL          |

## rlsb Lease 3

### Column Add

| Column Name | Description                                                                         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_o_c     | Use Vertex O (Y/N/NULL)<br>Y - Vertex O is used<br>N or NULL - Vertex O is not used | CHAR(1)         | yes               | char(1)         | yes               | NULL          |

## rou Addresses for Asset

### NEW TABLE

### Table Add

| Table Name | Description         |
|------------|---------------------|
| rou        | Addresses for Asset |

## rpay Portfolio 2

### Column Add

| Column Name          | Description                                                                         | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|----------------------|-------------------------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| vtx_o_c              | Use Vertex O (Y/N/NULL)<br>Y - Vertex O is used<br>N or NULL - Vertex O is not used | CHAR(1)         | yes               | char(1)         | yes               | 'N'           |
| pmt_rsc_assmt_code_s | Payment reschedule assessment code (ASM.TYP.L code)                                 | CHAR(4)         | yes               | char(4)         | yes               | 'PEXT'        |
| pxt_assmt_code_s     | Payment extension assessment code (ASM.TYP.L code)                                  | CHAR(4)         | yes               | char(4)         | yes               | 'PEXT'        |
| lxt_assmt_code_s     | Lease extension assessment code (ASM.TYP.L code)                                    | CHAR(4)         | yes               | char(4)         | yes               | 'LEXT'        |
| due_assmt_code_s     | Payment due day change assessment code (ASM.TYP.L code)                             | CHAR(4)         | yes               | char(4)         | yes               | 'PEXT'        |

## rpe Post-Delete Processing

### NEW TABLE

### Table Add

| Table Name | Description            |
|------------|------------------------|
| rpe        | Post-Delete Processing |

## rph Payment History

**Column Add**

| Column Name | Description  | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|--------------|-----------------|-------------------|-----------------|-------------------|---------------|
| chk_num_s   | Check number | CHAR(10)        | yes               | char(10)        | yes               | NULL          |

**rpw Password History****Column Change**

| Column Name | Description | Old Oracle Datatype | Old Oracle Allow Null | Old Sybase Datatype | Old Sybase Allow Null | New Oracle Datatype | New Oracle Allow Null | New Sybase Datatype | New Sybase Allow Null |
|-------------|-------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|---------------------|-----------------------|
| pwd_s       | Password    | CHAR(8)             | yes                   | char(8)             | yes                   | CHAR(12)            | yes                   | char(12)            | yes                   |

**rrr Reschedule Reversal****Column Add**

| Column Name | Description                                                 | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| drd_flg_c   | DRR version flag<br>(1/2)<br>1 - old style<br>2 - new style | CHAR(1)         | yes               | char(1)         | yes               | '1'           |

**rsa Sales Tax on Assessment****Index Change**

| Index Name | Old Pieces            | New Pieces                            |
|------------|-----------------------|---------------------------------------|
| rsa_idx0   | por_s st_s rsa_code_s | por_s assmt_tax_cls_s st_s rsa_code_s |

**Column Add**

| Column Name     | Description                               | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-----------------|-------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| assmt_tax_cls_s | Assessment tax class<br>(ASM.TAXCLS code) | CHAR(4)         | no                | char(4)         | no                | 'NONE'        |

**rtf Transaction Fee for Reversal****NEW TABLE****Table Add**

| Table Name | Description                  |
|------------|------------------------------|
| rtf        | Transaction Fee for Reversal |

**rtp Tax Payable****Column Add**

| Column Name | Description | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------|-----------------|-------------------|-----------------|-------------------|---------------|
| cnty_s      | County      | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| cty_s       | City        | VARCHAR2(25)    | yes               | char(25)        | yes               | NULL          |

**rtr Tax Released****Column Add**

| Column Name | Description | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|-------------|-------------|-----------------|-------------------|-----------------|-------------------|---------------|
| cnty_s      | County      | VARCHAR2(60)    | yes               | char(60)        | yes               | NULL          |
| cty_s       | City        | VARCHAR2(25)    | yes               | char(25)        | yes               | NULL          |

**rvg Vertex Custom General**

## NEW TABLE

### Table Add

| Table Name | Description           |
|------------|-----------------------|
| rvg        | Vertex Custom General |

### Column Add

| Column Name  | Description                                                       | Oracle Datatype | Oracle Allow Null | Sybase Datatype | Sybase Allow Null | Initial Value |
|--------------|-------------------------------------------------------------------|-----------------|-------------------|-----------------|-------------------|---------------|
| ffc_ascd_l   | Reserve indicated flexible character field for ASCD information   | NUMBER(10)      | yes               | integer         | yes               | 25            |
| orig_ffc01_s | Origin code for Vertex flexible character field 1 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc02_s | Origin code for Vertex flexible character field 2 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc03_s | Origin code for Vertex flexible character field 3 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc04_s | Origin code for Vertex flexible character field 4 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc05_s | Origin code for Vertex flexible character field 5 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc06_s | Origin code for Vertex flexible character field 6 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc07_s | Origin code for Vertex flexible character field 7 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc08_s | Origin code for Vertex flexible character field 8 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc09_s | Origin code for Vertex flexible character field 9 (VTX.FFC code)  | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc10_s | Origin code for Vertex flexible character field 10 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc11_s | Origin code for Vertex flexible character field 11 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc12_s | Origin code for Vertex flexible character field 12 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc13_s | Origin code for Vertex flexible character field 13 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc14_s | Origin code for Vertex flexible character field 14 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc15_s | Origin code for Vertex flexible character field 15 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc16_s | Origin code for Vertex flexible character field 16 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc17_s | Origin code for Vertex flexible character field 17 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |
| orig_ffc18_s | Origin code for Vertex flexible character field 18 (VTX.FFC code) | CHAR(4)         | yes               | char(4)         | yes               | NULL          |

|              |                                                                   |         |     |         |     |      |
|--------------|-------------------------------------------------------------------|---------|-----|---------|-----|------|
| orig_ffc19_s | Origin code for Vertex flexible character field 19 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffc20_s | Origin code for Vertex flexible character field 20 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffc21_s | Origin code for Vertex flexible character field 21 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffc22_s | Origin code for Vertex flexible character field 22 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffc23_s | Origin code for Vertex flexible character field 23 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffc24_s | Origin code for Vertex flexible character field 24 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffc25_s | Origin code for Vertex flexible character field 25 (VTX.FFC code) | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffn01_s | Origin code for Vertex flexible numeric field 1 (VTX.FFN code)    | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffn02_s | Origin code for Vertex flexible numeric field 2 (VTX.FFN code)    | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffn03_s | Origin code for Vertex flexible numeric field 3 (VTX.FFN code)    | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffn04_s | Origin code for Vertex flexible numeric field 4 (VTX.FFN code)    | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffn05_s | Origin code for Vertex flexible numeric field 5 (VTX.FFN code)    | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffd01_s | Origin code for Vertex flexible date field 1 (VTX.FFD code)       | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffd02_s | Origin code for Vertex flexible date field 2 (VTX.FFD code)       | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffd03_s | Origin code for Vertex flexible date field 3 (VTX.FFD code)       | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffd04_s | Origin code for Vertex flexible date field 4 (VTX.FFD code)       | CHAR(4) | yes | char(4) | yes | NULL |
| orig_ffd05_s | Origin code for Vertex flexible date field 5 (VTX.FFD code)       | CHAR(4) | yes | char(4) | yes | NULL |

## rvh Historical Vertex O Submission

### NEW TABLE

#### Table Add

| Table Name | Description                    |
|------------|--------------------------------|
| rvh        | Historical Vertex O Submission |

## rvl Vertex O Lease Invoice Parameters

### NEW TABLE

#### Table Add

| Table Name | Description                       |
|------------|-----------------------------------|
| rvl        | Vertex O Lease Invoice Parameters |

## rvp Vertex O Tax Payable

### NEW TABLE

#### Table Add

| Table Name | Description          |
|------------|----------------------|
| rvp        | Vertex O Tax Payable |

## rvr Vertex O Tax Result

### NEW TABLE

#### Table Add

| Table Name | Description         |
|------------|---------------------|
| rvr        | Vertex O Tax Result |

## rvs Vertex O Submission

### NEW TABLE

#### Table Add

| Table Name | Description         |
|------------|---------------------|
| rvs        | Vertex O Submission |

## rvu Vertex O Invoice Parameters

### NEW TABLE

#### Table Add

| Table Name | Description                 |
|------------|-----------------------------|
| rvu        | Vertex O Invoice Parameters |

## rvuf Vertex O Invoice Flexible Fields

### NEW TABLE

#### Table Add

| Table Name | Description                      |
|------------|----------------------------------|
| rvuf       | Vertex O Invoice Flexible Fields |

## rvx Vertex O Transaction

### NEW TABLE

#### Table Add

| Table Name | Description          |
|------------|----------------------|
| rvx        | Vertex O Transaction |

## rwh Vertex O Asset Level Transaction History

### NEW TABLE

#### Table Add

| Table Name | Description                              |
|------------|------------------------------------------|
| rwh        | Vertex O Asset Level Transaction History |

**rwp Vertex O Asset Level Invoice Parameters****NEW TABLE****Table Add**

| Table Name | Description                             |
|------------|-----------------------------------------|
| rwp        | Vertex O Asset Level Invoice Parameters |

**rwpf Vertex O Asset Level Unit Invoice Flexible Fields****NEW TABLE****Table Add**

| Table Name | Description                                       |
|------------|---------------------------------------------------|
| rwpf       | Vertex O Asset Level Unit Invoice Flexible Fields |

**rwr Vertex O Asset Level Tax Result****NEW TABLE****Table Add**

| Table Name | Description                     |
|------------|---------------------------------|
| rwr        | Vertex O Asset Level Tax Result |

**rws Vertex O Asset Level Submission****NEW TABLE****Table Add**

| Table Name | Description                     |
|------------|---------------------------------|
| rws        | Vertex O Asset Level Submission |

**rwX Vertex O Asset Level Transaction****NEW TABLE****Table Add**

| Table Name | Description                      |
|------------|----------------------------------|
| rwX        | Vertex O Asset Level Transaction |

LeasePak 6.5a Documentation Suite

© 2014 by NetSol Technologies Inc. All rights reserved.

The information contained in this document is the property of NetSol Technologies Inc. Use of the information contained herein is restricted. Conditions of use are subject to change without notice. NetSol Technologies Inc. assumes no liability for any inaccuracy that may appear in this document; the contents of this document do not constitute a promise or warranty. The software described in this document is furnished under license and may be used or copied only in accordance with the terms of said license. Unauthorized use, alteration, or reproduction of this document without the written consent of NetSol Technologies Inc. is prohibited.