



GC3

Release Notes

Release 5.0: SR-#13

Part No. B31993-01

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GC3 Release Notes, Release 5.0: SR-#13

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If you have problems with the software, please contact your local Oracle Support Services.

1. Service Release-Specific Installation Instructions

There are no service release-specific installation instructions for this release. Refer to the standard service release installation instructions in the online help for more details.

Note: Service Releases are cumulative in their content and any corrections/enhancements from previous service releases are also included. You should also review previous release notes for release-specific installation instructions as well.

Location Capacity

Note: If you are using location capacity functionality, there may be an issue with this functionality on the Linux platform. If you experience a problem using Linux, you can do the following. You should only do this if you are running Linux and encounter a problem.

Edit the following file on your GC3 application server(s):
<gc3_install_dir>/weblogic/config/gc3domain/weblogic.conf

After the line:

```
wrapper.java.additional.19=-Djava.security.policy=%WL_HOME%/server/lib/weblogic.policy
```

Add a new line which says:

```
wrapper.java.additional.20=-Xss256k
```

You then need to restart GC3 for the change to take effect.

Performance

In certain high memory usage scenarios, there may be a performance degradation with the new JVM version which requires additional tuning of the JVM. If you have an issue, contact Customer Support.

2. Database Changes

New Columns

Table	Column	DataType	Default
RATE_PREFERENCE	PERSPECTIVE	VARCHAR2(1)	DEFAULT 'B'
ORDER_MOVEMENT	INDICATOR	VARCHAR2(1)	
	USER_DEFINED1_ICON_GID	VARCHAR2(101)	
	USER_DEFINED2_ICON_GID	VARCHAR2(101)	
	USER_DEFINED3_ICON_GID	VARCHAR2(101)	
	USER_DEFINED4_ICON_GID	VARCHAR2(101)	
	USER_DEFINED5_ICON_GID	VARCHAR2(101)	
LOGISTICS_GUIDE_AGGREGATE_DATA	MAX_CAPACITY	NUMBER	
	MAX_CAPACITY_UOM_CODE	VARCHAR2(64)	
	MAX_CAPACITY_BASE	NUMBER	

3. Integration Changes

Changes to the integration processing logic can be found below in their respected correction or enhancement description. Changes to the XML schema are as follows:

- There are no integration changes for this release.

4. Corrections

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5430970	16152226.6	Appointment delivery time not being set from bulk plan shipment creation.	The problem was that the delivery appointment was set on the stop when "build direct" was used, but not when bulk plan was. Now, Bulk Plan will set pickup and delivery appointments on the stops if they exist.
5431837		Release Schedule Instance action can create badly structured shipments	This action, when run on schedules with optional stops, will no longer produce badly structured shipments
5432239	16151212.6	Clicking the Check Export License button on the order ship unit line erases all data when editing an order release using a freight forwarding manager layout	The "Check Export License" action on the Ship Unit Line tab of the Freight Forwarding UI now works properly. The "Check Global Classification" action has been fixed as well.
5432407	5355178.993	GLOG refnums are mistakenly copied from order base to customer bills.	When reference numbers are copied from the order base to generated bills, the GLOG reference number is skipped.
5432420	5451615.992	Unable to update unprocessed release instructions	Fixed the exception.
5432441		Users skip adding event for entering actual arrival time on stop 1, instead they enter actual departure time on stop 1 directly.	In validating stop times when adding estimated times shipment event, if actual times on previous stop exist, they will be used for validation in place of estimated times.
5432493	5620834.993	When split shipment by ship unit, the packaged item count is not adjusted.	Packaged Item Count is now set correctly when Split Shipment by Ship Unit is run.
5432496	5556829.993	Unable to send shipment status to external system via FTP.	You can now Send Shipment Status XML to an external system via FTP.
5432625	5597163.992	Losing s_ship_units from order_movement when bulkplanning.	Planning was not handling the split correctly, one SSU was lost during the saving process.
5432708		Unable to run a bulkplan of 1000 order movements or more.	The logic has been changed to avoid this SQL query problem. Note: the default max-beans-in-cache for order movements is 1000. This may need to be increased in your environment in order for GC3 to plan 1000+ order movements.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5432724		Getting error when copying invoice in manager layout.	Changed the toolkit to copy over all of the elements when converting a text box to a fixed list.
5432803	5302740.992	Cost on split shipment calculated incorrectly.	This was an error caused by 5432493. See bug 5432493 for more detail.
5432821	5411298.992	Cannot split shipment using multi b/l selection if BOL back exists	Remove InvoiceEquipmentDetail record by this SEquipment primary key before actually remove this SEquipment record.
5432844	5536725.993	Communication method is being removed from buyer.	PHONE2 for the primary contact is added to both Buyer and Location's Communications and Remarks tab. User will not need to go to Contact manager to edit phone2 data. If there is no data for fields emailAddress, fax, externalSystem, glUser, languageSpoken, phone1 and phone2 for the primary contact on Buyer/Location's communications and remarks tab, the primary contact record will be removed for this Buyer/Location.
5432966		Proper handling of schedule instance in multi-threaded planning.	While building shipments, each order bundle is checked to see if it can be serviced by an itinerary with a repetition schedule. If so, the bundle is assigned to a special batch. All bundles in this batch are built on a single thread. Other order bundles can build in parallel.
5432976		Date times inconsistencies: need to have the "between" search respect user preferences.	Between should now honor user preferences.
5432978		Unable to allocate voucher approved by line item.	Fixed a bug where allocation would fail if the only costs were private (tied to one or more orders). This was introduced in the 5.0 May SR.
5432981		Got a null pointer exception when bulk planning with parameter set to True	There is a bug in WaitTimeOptimizer which is triggered by a setting in LocationCapacityOptimizer. Changed the setting (work around) in Locopt code so that it does not hit that bug.
5432982		Error running CSVUtil for CSV zip file that contains only a control file	This scenario will no longer cause an error

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5432986		Enhance domain copy to include more transactional data.	Copying data with sequence primary key increments the sequence GID based on the current oracle sequence in target database. The child ID will be replaced correspondingly. This is done through caching source database sequence GID.
5433082		When updating an existing user, you did not get a confirmation message	A message is now displayed when the user's password is updated.
5433284	5440183.993	Duration of a vessel buy shipment is showing negative value.	The service time calculation for vessel buy shipments was changed to ensure that the voyage stop used as the destination for a shipment has a later sequence number on the voyage than the stop for the source location.
5433309		View shipment performance is slow due to inefficient query.	Enhanced both UI and backend logic to retrieve data faster. The time to view a shipment with 200 ship units was decreased from 45 seconds to 10 seconds.
5433318	5561296.993	Not able to download table data via db.xml export facility after the May service release.	Switched back to DCOracle code.
5433333	5406964.993	Add best cost to the logistic guide sorting criteria.	Logistics Guide results are now sorted by cost.
5433380	5497224.992	Order base line source location saved changes do not save when re-queried.	Can now modify Order Base Line Source Location.
5433422	5562000.993	Packaged item refnum is not being saved	Can now save Packaged Item Refnums.
5433427		Proper multi-threaded handling of capacity	During shipment commit, all shipments using resources are assigned to a special batch. This batch of shipments is committed on a single thread, guaranteeing resources aren't overbooked. All non-resource shipments can commit in parallel.
5433531	5548021.992	Milestone template actions are not getting saved for a sell side shipment milestone template.	Fixed the wrong data query type SELL SHIPMENT to SELL SIDE SHIPMENT. The wrong data query type has caused the time based event not auto generated for Sell Side Shipment timebased milestone.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5433532	5559295.992	Bulk plan not working correctly when LTL - TL - LTL three leg shipment	There is a null pointer exception while planning orders that is causing the bulk plan to fail when multiple orders are planned. There is also another null pointer in Carrier resource optimizer though this is not causing the bulk plan to fail. Fixed that also.
5433535		Integration ignores domain name in GID when generating XID.	Fixed the error that Integration ignores domain name in the GID when generating transorder GIDs.
5433540	5557529.992	Getting an error when "assign monitor" action used on a SAW.	The issue arises because the primary key values are set based on the finder_set_gid. However, the finder_set_gids that come back from modified screen sets do not match any of BUY_SHIPMENT/SELL_SHIPMENT/SHIPMENT/SKU/VOYAGE etc. The business logic to set the primary key values is being changed to use the data-query-type instead.
5433648	5560502.992	Splitting sell shipment by equipment group causes error	Fixed the code where it caused java.sql.SQLException error.
5433650		Java error when tendering shipment without order base line remark qualifier	Code assumed that every remark has an associated remark-qualifier. Resolved by making explicit additional checks in the code. If remark exists without associated qualifier, then remark is ignored.
5433658		Because of new daylight savings time rules in effect for 2007 in the US, current versions of Java will not convert date/times correctly.	All JVMs are upgraded to latest recommended by vendor.
5433661		Transorder.xml timezone	Use the following property to override the system default time zone for controlling the time conversions for the TransOrder/TransOrderHeader/EffectiveDate and ExpirationDate elements: glog.integration.TransOrder.defaultTimeZone= When the property is set, it will be assumed that the effective data and expiration date fields are provided in that time zone.
5433716		Can't update equipment in tender response XML	Fixed to handle tender responses from web and integration when there are equipment changes.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5433727	5448896.993	Received ship unit count shows decimal places.	Decimal point removed from the ship unit count text field.
5433746	5294678.992	Re-drive functionality for multi-leg shipments fails when only the first legs gets planned	Now it checks the object type and calls appropriate API respectively depending on the object type.
5433749	5507080.993	After moving an order movement from a consol shipment, the original links remain in the shipment_link table	Code error, the shipment link from previous Order Movement to the from consol shipment is removed now.
5433762	5518090.992	Create list of rate records throws error message	Can now run Create List and Add To List actions on Rate Records.
5433771	5588753.992	Unwanted order movements are created	Modified so that the correct number of order movements are created. The following situations have been considered: the Plan To seq# could be less than (Main Leg seq# - 1); the Plan From seq# could be more than (Main Leg seq# + 1).
5433773	5480105.992	Java.sql.sqlexception: ora-01795: maximum number of expressions in a list is 1000.	Unnecessary shipment nodes were loaded for unassign order movements. Also changed SQL statement to avoid the max 1000 error.
5433891	5388777.992	After the action 'invoice adjusted costs', the payment method is not copied to the new invoice.	When a new invoice is created from Invoice Adjusted Costs action on BuyShipment, the shipment's payment method will be put onto the new invoice and the shipment costs' payment methods will be put on the invoice line items. Also, when run Invoice Adjusted Costs, if the shipment costs have the same costType, accessorialCodeGid, generalLedgerGid, and paymentMethodCodeGid, the cost amounts will be combined.
5433997	5594166.992	Auto assign user interface no longer working for 2-part criteria	Multi-part criteria should now work correctly.
5434000	5496997.992	Unable to replace order release refnums in managedchild for release XML	Resolved issue where the order release refnum(s) were not properly removed via the use of the ReplaceChildren.ManagedChild = 'Refnum' of 'ReleaseRefnum'.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5434025	5599731.993	Merging issues - failed merge shipment is not highlighted	Changed Merge Shipments Action to show any uncombined shipments in the Affected Shipments section even though they are not changed.
5434105	5279113.992	Updating invoice approval limits deletes and recreates record	The Invoice Approval limits record now gets updated instead of being deleted and recreated.
5434117		Problem with procurement's compress duplicate lanes utility & auto-combine.	Compress Duplicate and Auto Combine utilities should now work correctly.
5434126	5579905.992	When creating order movements, the domain they are created in is inconsistent.	Modified so that Order Movements are always created in the same domain as the Orders.
5434127	5599735.993	When merging two shipments that are compatible, the merge fails due to rounding issue.	Fixed the rounding error in Merge Shipment action when comparing the cost of the combined shipment with the total cost of the 2 separate shipments.
5434144	5616536.993	Loading instruction STANDING_NESTED_STACK_1_ROW_1 splits S Ship Units	Modified the "rows" nomenclature for STANDING_NESTED pattern. Now the number of rows also consider the ones that nest. However, we still do not support even numbered rows (except 2 rows). . Fixed a bug that arises when Max number of rows (user-specified) is less than the ratio (integer value) of Width of container to diameter of the ship unit.
5434227	5524710.993	Allocation base XML not validating against the schema	Fixed the error that allocation base XML with VatBasisAmount is not validating against the schema.
5434229	5511529.992	Error when testing rule 11 actual shipment update solution from ORACLE ORA-28115	Resolved issue where SEquipment.IntSavedQuery logic was generating an error when the SEquipment.SEquipmentGid element was present.
5434244	5470413.993	Cannot copy buyer template if it was created through the buyer manager or CSV.	Fixed the exception.
5439779	5635489.993	Destination locations not saved when using customer template.	A bug was fixed in the Order Release query which now allows the Destination Location to be saved.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5456193		Invoice_stop record is created in the incorrect domain.	Fixed a bug so that child records of system generated invoices and bills inherit the domain of the invoice or bill instead of the login domain. Also fixed a problem where provincial VAT registration IDs were not being saved to the invoice.
5459800		Editing multiple shipments from the job details user interface throws null pointer error.	Each link on the Job Details screen will now be opened in it's own session.
5463540		Effective rate not found when early pickup is null.	Multistop itineraries will now default to using current time rather than the order bundle's early pickup date when searching for valid rates.
5471008		Cannot approve consolidated invoice - GC3 crashing with t3 java error	The Invoice and Voucher Producers were changed to force the query to use "OR"s instead of "IN" when more than 1000 children exist.
5475315		Problem saving blocked and unblocked resources	Resolved Time zone issues that are causing blocked, unblocked resources, appointments and unscheduled shipments to be lost on save.
5475422	5678093.993	If insufficient equipment capacity available bulk plan fails	When a bundle of order movements fails to build shipment, it will be unbundled into each order movement and build shipment will be tried again.
5477267		Sell Itinerary Profile constraint on order release is not honored in planning	Sell Itinerary Profile constraint on an order release will now be honored
5478095	5697642.992	Order movement screen set reference qualifiers not working	Fixed an error in order_release_refnum_query.xml that joined wrong column in OM_REFNUM_QUAL. .
5479046	5668793.993	Destination location value is not saved into the database.	A bug was fixed in the Order Release query which now allows the Destination Location to be saved.
5479165	5535123.993	Bulk plan would fail when 2 orders failed to combine because of incompatible equipment groups	In this case, the combination will fail as it should, but bulk plan will continue on"

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5491473		Shipment event tracker agent fails to update multiple shipments via integration.	The logic for the UpdateTimes action in the SHIPMENT EVENT TRACKER agent has been updated to eliminate the exception for the subsequent shipments.
5496640	5437879.992	Shipment group weight total not recalculated after shipment removed.	Fixed a problem where weight and volume changes to shipments in a shipment group were not triggering the shipment group to recalculate its weight and volume.
5497186		Memory/performance problem in order bundling	Improved bundling logic's use of the cached list of transport modes and equipment groups for the domain.
5499362	5702176.993	Bulk Plan could fail if an order had no valid rate records by geography	In the case, the order should not be planned, but bulk plan should continue on"
5505950		Shipment cache bean needs to be increased to complete bug 5471008	Increased the following beans Shipment to 2000 Invoice to 2000 InvoiceLineitem to 3000 InvoiceLineitemCostRef to 7000 VoucherInvoiceLineitemJoin to 3000
5515140	5370649.993	Order Base smartlink View Related Buy Shipments was not using user's default Buy Shipment screenset	The View Related Shipment smartlinks will now use the default finder sets when bringing up results.
5518439		Bulk Plan was failing when order had an ORDEROWNER reference number	In this case, Bulk Plan should no longer fail and should honor Rate Offering's Corporation Profile constraint"
5524255		VAT XML incorrect currency	Fixed the allocation commit logic to store the total currency amounts for the ALLOCATION and ALLOCATION_D tables in the given currency instead of the database default currency.
5532185	N/A	Rate offering constraint on rate inquiry is ignored	Rate offering constraints specified in rate inquiry or on an Order Release will no longer be ignored.
5569983	5770745.993	Null pointer when Rate Record found, but no valid Rate Costs and Planning logging on.	Fixed null pointer exception that occurred during internal rating where a null result was returned.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5574727	5824907.992	Service time calculation issues with dayduration rate service	The location calendar comparison requires both the times to be in the same time zone. Due to a bug in that conversion before comparison, we were getting these weird result when UTC time goes to the previous day. Now, with the proper conversion, it should give the right transit time and arrival/departure times with day duration rate service.
5575511	5795144.993	Voucher allocation failing when there are no line items	Fixed an issue where allocation would fail for vouchers of consolidated invoices not approved by line.
5579881		Intermittent connection issues when sending XML via HTTP Post	Provide an option to initiate a disconnect of the HTTP Connection after sending the transmission to see if this resolves the connection issues. The option is enabled with the following property setting: glog.httppost.enableDisconnect=true There is performance overhead with using the disconnect. .
5582058		Receiving null pointer exception when run create supplemental bill by line.	A Null Pointer Exception no longer occurs when running the Create Supplemental Bill by Line action and adding a new Line item.
5584390		Null pointer when activating a milestone monitor	Null pointer will no longer occur
5586615	16152350.6	"Shipment record not found" error deleting secondary charge shipment from Shipment finder results	The error was caused by deleting the same secondary charge shipment twice. Now we made sure its only try once and you should not get the error anymore.
5600579		Error getting results from Rate Inquiry XML using Firefox	The cause of the problem was a carriage return that was inserted before the XML declaration. This carriage has been removed from the results.
5605025		Allow a report server to be called from multiple web server FQDNs	GC3 Reports now allow multiple Web FQDNs to connect to the Report Server.
5610378		Build multi-stop shipment on order movements fails to check original leg id.	The check for same original leg was removed and now added back.
5612485		Equipment constraint doesn't work when it exceed capacity limit.	Handle the situation where leg classification is not specified on the leg.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5612659		Ignore equipment capacity is not working on build multi-stop shipment for order movement.	When ignore equipment capacity, use equipment on one of the shipments as designated equipment before passing to multistop shipment builder.
5614546		Orders departing 12/31 fail to plan in rate preference regression bulk plan	Changed effective/expiration date comparisons to use the date window comparison method to make sure that the entire 24 period of a day is correctly being included with the effective date range.
5614842		Add rate basis for equipment and stops : line item weight per package.	The following new rate basis items have been added as requested: SHIPMENT.EQUIPMENT.SHIPUNITS.LINES.WEIGHT_PER_PKG SHIPMENT.STOPS.SHIPUNITS.LINES.WEIGHT_PER_PKG . Also, for consistency: SHIPMENT.LINES.WEIGHT_PER_PKG SHIPMENT.DEST.SHIPUNITS.LINES.WEIGHT_PER_PKG SHIPMENT.SOURCE.SHIPUNITS.LINES.WEIGHT_PER_PKG SHIPMENT.ORDERS.LINES.WEIGHT_PER_PKG SHIPMENT.SHIPUNITS.LINES.WEIGHT_PER_PKG . .
5614919		Bad error message from Order Movement Build Multistop	Message changed to "Selected order movements don't have same Re-use Equipment constraint"
5618718		Running business monitor blocks loading of finder screens	Running Business Monitor will no longer prevent the user from using finders

5. Enhancements

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5432498	5535123.993	Complete enumeration solution of equipment capacity	Added a new Dynamic Programming recursive algorithm for the Knapsack problem that packs the containers tightly when the new Planning Parameter 'CONTAINER OPT TIGHTEST PACKED EQUIPMENT FIRST' is true. There are two other planning parameters introduced: 'CONTAINER OPT TIGHTLY PACKED METRIC' and 'CONTAINER OPT DESIRED UTILIZATION'. The former is a string that indicates the metric to be looked at while packing and utilizing the container. The latter is a percent utilization that is desired while packing. A higher number would typically take more runtime for the algorithm to finish. For additional details, see container optimization configuration.
5432509		Add an order movement action that sets that sets the leg constraints for multiple order movements at once.	We added an action similar to the Order Release action build shipment manually whereby you are able to specify Service Provider, Mode and Equipment Group as part of an action input screen, and the result of the action (run against one or many order movements) will be one shipment that may or may not be a multistop shipment. See the Build Multi-stop Shipment topic for additional details.
5432636		Changes to the order movement screen sets.	Can now add these fields to an Order Movement custom screen set, finder & finder results: - indicator - OM status (this was already there) - OM Refnum Qual & Value - OM Remark Qual & Text - OR Source & Dest Location
5433251		Logistic guide summary screen does not show max capacity.	The Max Capacity is now populated using the order template's Total Weight. If more than one order template is being aggregated, we use the maximum weight across the templates.
5433735		Additional bulk plan logging	Additional Logging has been added to the BulkPlan Code during BulkPlanMilestone. This will help in troubleshooting. 1. End Order Bundling: Logs how many Order Bundles 2. End Finding Itineraries: Logs how many itineraries found 3. End makeDirectTShipments: Logs for how many order bundles 4. Begin makeMultiStopShipmentsBeforePlanThruPools: for how many order bundles 5. End makeMultiStopShipmentsBeforePlanThruPools: how many shipment graphs 6. End makeDirectTShipments: For how many order bundles 7. End improve multistop solutions: for how many ShipmentGraphCollections 8. End makeConsolidatedShipmentGraphsForMultiLegItineraries: How many created.

G-Log Issue	Support Ticket	Issue Summary	Issue Resolution
5433760		Speed up distance cache	New distance cache structure has been implemented to improve the processing time for checking distances . Two new power data pages have been added: Distance by Addresses and County Qualifier. Additionally, on the External Distance Engine, a cache type has been added to utilize this option."
5468003		Sell side rate preference	The ability to define sell side rate preferences has been added. While creating sell side shipments, sell side rate preferences can now be picked up.
5614842		Add rate basis for equipment and stops : line item weight per package.	The following new rate basis items have been added as requested: SHIPMENT.EQUIPMENT.SHIPUNITS.LINES.WEIGHT_PER_PKG SHIPMENT.STOPS.SHIPUNITS.LINES.WEIGHT_PER_PKG . Also, for consistency: SHIPMENT.LINES.WEIGHT_PER_PKG SHIPMENT.DEST.SHIPUNITS.LINES.WEIGHT_PER_PKG SHIPMENT.SOURCE.SHIPUNITS.LINES.WEIGHT_PER_PKG SHIPMENT.ORDERS.LINES.WEIGHT_PER_PKG SHIPMENT.SHIPUNITS.LINES.WEIGHT_PER_PKG .

6. Updated Files

```
glogserver.jar
glog\gc3webapp\WEB-INF\web.xml
glog\config\maps\ui\*
glog\oracle\insert_security_roles.sql
weblogic\config\gc3domain\applications\GC3App.ear
apache\htdocs\html\help\webhelp\en\*
apache\htdocs\js\assign\assign.js
apache\htdocs\xsl\carrier\ViewCommMethods.xsl
apache\htdocs\xsl\custmanagement\ViewCommMethods.xsl
apache\htdocs\xsl\detail\ExternalDistance.xsl
apache\htdocs\xsl\detail\PlanningParameter.xsl
apache\htdocs\xsl\job\JobFinancial.xsl
apache\htdocs\xsl\logisticsguide\LogisticsGuideDetailResult.xsl
apache\htdocs\xsl\logisticsguide\LogisticsGuideResult.xsl
apache\htdocs\xsl\logisticsguide\LogisticsGuideResultDetails.xsl
apache\htdocs\xsl\powerdata\GenericEdit.xsl
apache\htdocs\xsl\powerdata\PowerIndex.xsl
apache\htdocs\xsl\powerdata\PowerIndexTrans.xsl
apache\htdocs\xsl\ratepreference\RatePreference.xsl
apache\htdocs\xsl\ratepreference\RatePreferenceView.xsl
apache\htdocs\xsl\shipment\ViewShipmentSEquipment.xsl
apache\htdocs\xsl\status\ShipmentDetail.xsl
apache\htdocs\xsl\uic\ServerActionResult.xsl
apache\htdocs\xsl\uic\location\AppointmentManager.xsl
apache\htdocs\xsl\uic\order\OMBuildMultistopShipmentInput.xsl
apache\htdocs\xsl\umt\manageuser.xsl
apache\htdocs\xsl\umt\showmsg.xsl
glog\config\glog.appserver.properties
glog\config\glog.pseudo-field.metadata.properties
glog\config\glog.readonly.properties
glog\glog_resources\edit_help_links.properties
glog\glog_resources\glog.ejb-metadata.properties
glog\glog_resources\glog.gen-metadata.properties
glog\glog_resources\glog.uom-metadata.properties
glog\glog_resources\glog\comm\query\QueryResources_xml.properties
glog\oracle\script8\content_glogowner\ACTION.csv
glog\oracle\script8\content_glogowner\ACTION_ARG.csv
glog\oracle\script8\content_glogowner\ACTION_DEF.csv
glog\oracle\script8\content_glogowner\ACTION_DEF_STATE.csv
glog\oracle\script8\content_glogowner\COUNTY_QUALIFIER.csv
glog\oracle\script8\content_glogowner\FINDER_SET.csv
glog\oracle\script8\content_glogowner\PLANNING_PARAMETER.csv
glog\oracle\script8\content_glogowner\PLANNING_PARAMETER_QUALIFIER.csv
glog\oracle\script8\content_glogowner\QUERY_TABLE.csv
glog\oracle\script8\content_glogowner\RATE_GEO_COST_OPERAND.csv
glog\oracle\script8\content_glogowner\RATE_GEO_COST_OP_OWNER.csv
glog\oracle\script8\content_glogowner\TRANSLATION.csv
glog\oracle\script8\content_glogowner\TRANSLATION_D_ERR_en.csv
glog\oracle\script8\content_glogowner\TRANSLATION_D_QUERY_en.csv
glog\oracle\script8\content_glogowner\TRANSLATION_D_en.csv
glog\oracle\script8\content_glogowner\TRANSLATION_ERR.csv
glog\oracle\script8\content_glogowner\TRANSLATION_QUERY.csv
glog\oracle\script8\content_glogowner\V50BP_ACTION.csv
glog\oracle\script8\content_glogowner\V50BP_ACTION_ARG.csv
glog\oracle\script8\content_glogowner\V50BP_ACTION_DEF.csv
glog\oracle\script8\content_glogowner\V50BP_ACTION_DEF_STATE.csv
```

glog\oracle\script8\content_glogowner\V50BP_PLANNING_PARAMETER.csv
 glog\oracle\script8\content_glogowner\V50BP_PLANNING_PARAMETER_QUALIFIER.csv
 glog\oracle\script8\content_glogowner\V50BP_QUERY_TABLE.csv
 glog\oracle\script8\content_glogowner\V50BP_RATE_GEO_COST_OPERAND.csv
 glog\oracle\script8\content_glogowner\V50BP_RATE_GEO_COST_OP_OWNER.csv
 glog\oracle\script8\content_glogowner\V50BP_TRANSLATION.csv
 glog\oracle\script8\content_glogowner\V50BP_TRANSLATION_D_ERR_en.csv
 glog\oracle\script8\content_glogowner\V50BP_TRANSLATION_D_QUERY_en.csv
 glog\oracle\script8\content_glogowner\V50BP_TRANSLATION_D_en.csv
 glog\oracle\script8\content_glogowner\V50BP_TRANSLATION_ERR.csv
 glog\oracle\script8\content_glogowner\V50BP_TRANSLATION_QUERY.csv
 glog\oracle\script8\content_glogowner\V50BP_insert_glogowner_data.txt
 glog\oracle\script8\content_glogowner\V50BP_update_glogowner_data.txt
 glog\oracle\script8\content_glogowner\csv_glogowner_tables.txt
 glog\oracle\script8\content_glogowner\xml\finder_set\county_qualifier.xml
 glog\oracle\script8\content_glogowner\xml\finder_set\distance_by_addresses.xml
 glog\oracle\script8\content_glogowner\xml\finder_set\order_movement.xml
 glog\oracle\script8\content_glogowner\xml\finder_set\rate_geo.xml
 glog\oracle\script8\content_glogowner\xml\finder_set\rate_preference.xml
 glog\oracle\script8\content_glogowner\xml\manager_layout\freight_forwarding.xml
 glog\oracle\script8\create_dbpatch_50b.sql
 glog\oracle\script8\create_dbupdate_50b.sql
 glog\oracle\script8\dbpatch_50b.sql
 glog\oracle\script8\pkg\checkc.pkb
 glog\oracle\script8\pkg\checkc.pks
 glog\oracle\script8\pkg\create_index.pkb
 glog\oracle\script8\pkg\create_index.pks
 glog\oracle\script8\pkg\create_sequence.pkb
 glog\oracle\script8\pkg\create_table.pkb
 glog\oracle\script8\pkg\create_table.pks
 glog\oracle\script8\pkg\foreign_key.pkb
 glog\oracle\script8\pkg\foreign_key.pks
 glog\oracle\script8\pkg\pkg_novpd_domain_copy.pkb
 glog\oracle\script8\pkg\primary_key.pkb
 glog\oracle\script8\pkg\primary_key.pks
 glog\oracle\script8\procure\transform.pkb
 utils\integration\python\OracleTools.py
 utils\integration\python\sql2xml.py
 utils\integration\python\xml2sql.py

7. Technical Support

Contact Oracle support if you need assistance with this service release:

Internet:

<https://metalink.oracle.com/>

Phone support is provided based on the country you are located in. To find the support number for your region please go to the following link. <http://www.oracle.com/support/contact.html>

You should also have the following logs available before you call Customer Support:

- **dbpatch__<version>_<dbsid>_<date>.log** (adds/updates data due to minor enhancements or fixes)
- **update_content.log** (inserts/updates PUBLIC data included in the service release)

