

**Automated Commissions Engine**

Change Requests

IA-483

Voice Interlevel Reporting Improvements

Design Document

DOCUMENT INFORMATION

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CHANGE HISTORY

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# **UNDERSTANDING FROM THE REQUIREMENT:**

* All the payments related to RIS should be reported in the GL interlevel report including the RIS manual adjustments payment.
* Currently the GL and OUC codes for the manual adjustment are not properly reported in the GL reports due to the missing GL reference data for them.
* GL code and OUC code for the manual adjustments should be reported properly in the interlevel report along with VM GL and VM OUC code.
* These GL code and OUC code along with VM GL and VM OUC codes will be provided in the manual adjustment file by the commissions team.
* As per the additional requirement for Outcome Events the GL and OUC Code enrichments should happen based on ‘Work\_Package\_Code’,’ Outcome’, and’ VM\_O2\_INDICATOR’ values.
* These ‘Work\_Package\_Code’,’Outcome’,’VM\_O2\_IND’ along with GL\_CODE and OUC\_CODE will be provided in the GL\_Reference\_Data file by commission team.
* The manual adjustments need to be reported at VM\_GL, VM\_OUC, GL, and OUC level and the other events should be reported in the GL/OUC code level in the Reports.
* The Comments Column should be reported to the Interlevel report.

# **Outcomes based on the analysis of requirement:**

* GL code and OUC code along with VM GL and VM OUC code can be provided in the fields GA5, GA6, GA7 and GA8 in the manual adjustment deposit file.
* We need to add MANUAL\_GL\_CODE, MANUAL\_OUC\_CODE, VM\_GL\_CODE,VM\_OUC\_CODE in the TEFAEXT.TEFA\_RPT\_GL\_CREDIT table of GL reporting procedure to populate those values from the file- TEFA\_SP\_CREDIT\_DEPOSIT\_WRITE.
* New commission group created for IA\_474 (outcome-based payment reporting) ‘Outcome GCB’ should be added to the GL reporting procedure - TEFA\_SP\_CREDIT\_DEPOSIT\_WRITE.
* We will be utilizing the ‘Handset Description’ and PLU\_Description’ columns in the tefa\_rpt\_GL\_credit table for ‘Work\_package\_code’ and ‘Outcome’ columns respectively to match the enrichment conditions.
* One time update to reference data table (GL\_CONTROLTABLE) will also be performed once business provides the required reference data.

# **CURRENT SETUP:**

* Below is the current process of GL report generation in ACE:
* All the credits triggered in a month’s SBI are inserted into TEFAEXT.TEFA\_RPT\_GL\_CREDIT table

Which is the source for the GL process.

* The credits are then enriched with GL\_CODE and OUC\_CODE from the GL Reference data based on below matching conditions,

L3 Partner Code, L2 Partner Code, Credit Type, Prepay/Postpay Indicator, Product Description and Payment type.

* The interlevel report and SAP BPC report are both of similar structure and content.
* The interlevel report holds the below information,
  + L3, L2 Partner details
  + Commission value
  + GL Code
  + OUC Code
  + GL\_Name

# **CHANGES TO BE MADE:**

* Four new columns will be created towards the end in TEFAEXT.TEFA\_RPT\_GL\_CREDIT table with max length of 255 to ingest the GL, OUC, VM GL and VM OUC codes for manual adjustments.
* We will be utilizing the ‘Handset\_Description’,’PLU\_Description’and ‘Operatorname columns in the TEFAEXT.TEFA\_RPT\_GL\_CREDIT table to populate the ‘Work\_Package\_Code’,’Outcome’ and ‘VM\_O2\_IND’ values respectively for OUTCOME events.

# **DI Change:**

* The 4 new columns created in TEFAEXT.TEFA\_RPT\_GL\_CREDIT table (which is the source for GL processing) to ingest 2 VM columns, GL and OUC code should be added and propagated from source to target in the below impacted mappings of wf\_gl\_reports.

|  |  |
| --- | --- |
| **Impacted Mappings** | **Changes to be performed** |
| m\_load\_GL\_Credit\_File\_Valid\_File | New columns to be added in source and propagated till target. |
| m\_GL\_DetailDeposit | New columns to be added in source and propagated till target. |
| m\_enrichment\_glControl\_detaildeposit | New columns to be added in source and propagated till target. Additional condition should be added in the source qualifier query to pick the proper GL and OCU code for manual adjustments. |
| m\_gl\_enrichment\_temp | New columns to be included in the SQ query. |
| m\_current\_previous | New columns to be added in source and propagated till target. |
| m\_curr\_base | New columns to be added in source qualifier and its query and propagated till target. |
| m\_agg\_sapbpc | New columns to be added in source qualifier query. |
| m\_agg\_SAPBPC\_file | New columns to be added in source and propagated till target. |

* 4 new columns should be added to all the tables that are involved in the above mappings to ingest the 2 VM columns, GL code and OUC code that are provided by the commissions team in the manual adjustment.
* Changes will be made to make sure the enrichment of the GL and OUC codes for adjustments will happen based on the below scenarios:
  + If GL and OUC codes are provided in the manual adjustment file, then these values will be populated irrespective of whether it is available in GL reference data.
  + If GL and OUC codes are not provided in the manual adjustment file, but available in GL ref data then they will be populated based on GL reference data.
  + If GL and OUC codes are *not* provided in both manual adjustment files and GL ref data, then the values will not be populated.
* Changes are made to m\_gl\_control\_load\_file and m\_GL\_Control\_Table\_Load mappings to ingest new columns WORK\_PACKAGE\_CODE, OUTCOME and VM\_O2\_IND into the GL control reference data table. These will be used to carry the work package, outcome and product information of outcome events.
* For OUTCOME events, the GL/OUC code enrichments should be based on the below matching conditions along with the existing matching condition.
* Work\_Package\_Code, Outcome, VM\_O2\_IND in the GL\_reference\_Data should match with the ‘Handset\_Description’, ’PLU\_DESCRIPTION’, and Operatorname values in the ACQ\_Detail\_Deposit respectively.
* The Impacted mapping is m\_enrichment\_glControl\_detaildeposit.
* We need to make changes in the aggregation logic to report the Manual adjustments at VM\_GL, VM\_OUC, GL, and OUC code level and other events in the GL/OUC code level.

# **REPORTING CHANGE:**

* New commission group- Outcome GCB created (for IA\_474) should be included in the commission group filters used in the GL reporting procedure - TEFA\_SP\_CREDIT\_DEPOSIT\_WRITE.
* Since GL and OUC codes along with VM GL and OUC are planned to be provided in the manual adjustment file itself, we have added these columns in TEFA\_SP\_CREDIT\_DEPOSIT\_WRITE procedure to populate all these values to the GL reporting table (Source table for GL report).
* We need to make changes in the TEFA\_SP\_CREDIT\_DEPOSIT\_WRITE Procedure to populate the VM\_O2\_IND values in Operator\_name column of the TEFA\_RPT\_GL\_CREDIT table.

# **Total Efforts:**

Below are the revised efforts including the additional requirement received for Outcome events.

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| --- | --- | --- | --- |
| **IA\_No** | **Build + Test (DI)** | **UAT** | **Total Effort** |
| IA\_483 Interlevel Reporting | (7+5)12 | 5 | 17 |