O2\_GENAI\_REP1266 – Duplicate VIN on Invoices Report

Lean Specification

Report - Duplicate VIN on Invoices Report - (O2\_GENAI\_REP1266)

Document Control Information

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# Summary

## Purpose/Justification

Duplicate VIN on Invoice Report provides the invoices that have same VIN number created in Oracle Cloud Payables for a particular Business Unit (BU). The report fulfils the below basic business requirements:

* XXX Client business should have the ability to review the invoices that were created with duplicate VIN numbers per BU.
* The report will be used for all XXX Client Fleet business in AAA and BBB region.

## Report Description and Overview

The XXX Client Duplicate VIN on Invoice Report lists all the required details based on the input parameters.

This document further describes the processing steps, specifications, rules, and logic required to generate the Report.

Added CASE condition in Select Statement for deriving DELIVERY\_DATE from AP\_INVOICES\_ALL.

If the ATTRIBUTE3 from FND\_LOOKUP\_VALUES for LOOKUP\_TYPE as XXHTZ\_FLEET\_NONFLEET\_OU is ‘YES’ then the report will derive the DELIVERY\_DATE from ATTRIBUTE13 of AP\_INVOICES\_ALL. ELSE it will derive the DELIVERY\_DATE from GOODS\_RECEIVED\_DATE of AP\_INVOICES\_ALL.

Processing Steps:

1. The report is generated by passing the below parameters

* Operating Unit
* Invoice From Date
* Invoice To Date
* Hold Name
* Buyer Name
* Held From Date
* Held To Date
* Supplier Name
* Supplier Site
* Vendor Type
* Source

1. The navigation to data model and report is mentioned below:

| Sr. No | Custom Component Name | Path |
| --- | --- | --- |
| 1. | Data Model | /shared/Custom/Custom XXX Client /Finance/Reports/Payables/Non-Secured/Data Models/ XXX Client O2\_GENAI\_REP1266 XXX Client \_Duplicate VIN On Invoice DM |
| 2. | Report | /shared/Custom/Custom XXX Client /Finance/Reports/Payables/Non-Secured/BIP Reports/ XXX Client O2\_GENAI\_REP1266 XXX Client Duplicate VIN On Invoice Report |

## Legacy Report Sample

<Insert sample>

## Definitions and Acronyms

| Acronym | Meaning |
| --- | --- |
| AP | Account Payables |
| BIP | BI Publisher |
| VIN | Vehicle Identification Number |

# Functional Design

## Assumptions

Only Invoices which have duplicate VIN at attrubute1

## Dependencies & prerequisites

## Report Details

|  |  |
| --- | --- |
| Report Name | Duplicate VIN on Invoices Report |
| Report Path | /Shared Folders/Custom/<Custom Folder Structure> |
| Report Schedule | Scheduled / Manual / Adhoc |
| Report output Path | NA |
| Output Format | Excel |
| Report Owner | Payables |
| Estimated number of records | ~100 records/sec |
| Report File Naming Convention |  |
| Additional Comments | NA |

## Launch Parameters

| Argument | Prompt | Default Value |
| --- | --- | --- |
| Business Unit | Business Unit (Optional) | Blank with an LOV as All (Fleet BU) |
| Invoice From Date | Invoice From Date (Optional) | Sysdate |
| Invoice To Date | Invoice To Date (Optional) | Sysdate |
| Supplier Name | Supplier | Blank |

## Key Logic

* Fleet invoices can be identified from invoice header DFF attribute categories FLEET PREPAYMENT, Fleet Invoice, and FLEET STANDARD
* VIN number present in Invoice Header on Attribute1
* Data extracted for invoices that have the same VIN number for multiple invoices on invoice header per BU
* Do not extract when there are even number of records with same VIN Number, if both have same invoice header amounts with opposite signs, and Delivery Date (Attribute 13) is not populated on the Invoice header
* Extract when there are even number of records with same VIN Number, if both have same invoice header amounts with opposite signs, and Goods Received Date is populated on the Invoice header
* Do not extract when there are odd number of records with same VIN Num >1, if any 2 records have same invoice header amounts with opposite signs
* Extract when there are odd number of records with same VIN Num >1, if no 2 records have same invoice header amounts with opposite signs
* Extract when there are even number of records with same VIN Number, if both do not have same invoice header amounts with opposite signs
* All fleet business unit to be displayed as an Lov for the report should be picked up from Lookup description column
* The report accepts the input parameters as defined in “[Launch](#_Calling_Arguments) Parameter” section
* Based on the input parameters values, it extracts the data from the tables
* It displays output of the report as per predefined template
* The records on the report should be grouped by VIN number
* PO number to be sourced from Invoice Header Attribute 11

## Data Selection and Sorting

Generate a report which shows the Invoices that are processed with duplicate VIN numbers per business unit

Report can be run basis the input parameters

The Business Units parameters will confine to the Fleet Business Units.

Date should be sorted by Business unit and then by VIN

Lease Invoices should not appear in the report; To exclude supplier sites which contains FLT LEASE\*

## Data Mapping Layout



## Business Rules and Calculations

N/A

## Grouping and Subtotal Requirements

The approximate volume of data expected in the report is to be known, performance depends on the data volume and period range for which the report is extracted.

| Data Processed (Row Count) | Time Taken for completion |
| --- | --- |
| 619 | Less than 10 seconds |

## Output Type and Destination

Layout Type: RTF

Layout:



## Sample Report

<Insert Report>

## Common report formatting

N/A

## Acceptance Criteria

N/A

## Test Scenarios

| Sr. No | Scenario | Expected Result |
| --- | --- | --- |
| 1 | Submit the report to check data is populated in output. | Only Invoices which have duplicate VIN are picked up in this report. |
| 2 | Run the report with a specific Business Unit | Only Invoices that are raised for that specific business unit should be extracted |
| 3 | Run the report with a specific Business Unit and Supplier name | Only Invoices that are raised for that specific business unit and supplier should be extracted |

# Technical Design Specifications

## Overview

The XXX Client Duplicate VIN on Invoice Report lists all the required details based on the input parameters.

This document further describes the processing steps, specifications, rules, and logic required to generate the Report.

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | /shared/Custom/Custom XXX Client /Finance/Reports/Payables/Non-Secured/BIP Reports/ XXX Client O2\_GENAI\_REP1266 XXX Client Duplicate VIN On Invoice Report |
| **Report Name** | XXX Client O2\_GENAI\_REP1266 XXX Client Duplicate VIN On Invoice Report |
| **Report Tool** | HCM Extract  BI Publisher  OTBI |
| **Output Format** |  |
| **Report Security Group** |  |
| Additional Information |  |

## BI Publisher Design

|  |  |
| --- | --- |
| **BI Publisher Details** | |
| **Data Model Name** | /shared/Custom/Custom XXX Client /Finance/Reports/Payables/Non-Secured/Data Models/ XXX Client O2\_GENAI\_REP1266 XXX Client \_Duplicate VIN On Invoice DM |
| **Template Name** |  |
| **Template Output Formats (\* Indicates Default)** |  |

|  |
| --- |
| **Report SQL** |
| <Attach the report SQL/PLSQL/Webservice> |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Report Parameters** | | | | |
| **Parameter Name** | **Data Type** | **Default Value** | **Required (Y/N)** | **LOV query** |
| p\_bu  p\_from\_date  p\_to\_date  p\_supplier | String  Date  Date  String |  |  |  |

|  |
| --- |
| **Report Layout** |
| <Attach report layout> |

## OTBI Design

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Columns** | | | | |
| **Subject Area** | **Folder** | **Column** | **Sort Order** | **Filter Criteria** |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Views** | | |
| **View Type** | **View Name** | **View Columns** |
|  |  | <list if applicable> |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Analysis Prompts** | | | | |
| **Prompt Type** | **Column Name** | **Label** | **Data Type** | **Default Value** |
|  |  |  |  |  |

|  |  |
| --- | --- |
| **Advanced Options** | |
| **Option Name** | **Option Details** |
|  |  |

# Technical Unit Test

| Sl No | Conditions to be tested | Expected Result | Executed |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

# Migration Steps

N/A

# Open and Closed Issues

## Open issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No | Question | Answer | Due Date | Owner |
|  |  |  |  |  |

## Closed issues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date Reported | Status | Question | Answer | Due Date | Responsible Party |
|  |  |  |  |  |  |

# Appendix