O2\_GENAI\_REP1002\_Non-Stock Discrepancies Report

**Lean Specification**

Document Control Information

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# Report Summary

## Purpose/Justification

The Purpose of the report is to communicate Account Payables team on the status of the vendor invoices created against direct ship purchase orders and whether there is any price or quantity variance on the invoice compared to the purchase order or the corresponding direct ship sales order

## Report Description and Overview

The Non-Stock Discrepancies Report will be used to generate the invoice details for direct ship purchase orders and whether there is any price or quantity variance on the invoice compared to the purchase order or the corresponding direct ship sales order. The report will also display the invoices related to In & Out orders which have either a price discrepancy or quantity discrepancy or an additional charge. This program will be scheduled to run every half an hour or can also be executed on an ad-hoc basis.

## Legacy Report Sample



# Functional Design

## Report Details

|  |  |
| --- | --- |
| Report Name | O2\_GENAI\_REP1002\_Non-Stock\_Discrepancies\_Report |
| Report Path | /shared/Custom/O2 GenAI Custom/TMT/O2\_GENAI\_REP1002\_Non-Stock\_Discrepancies\_Report |
| Report Schedule | Adhoc |
| Scheduled Report Recipients | N/A |
| Output Format | PDF  XML  HTML  CSV  EXCEL |
| Report Owner | N/A |
| Estimated number of records | N/A |
| Additional Comments | N/A |

## Data Selection and Sorting

* Transactions should be sorted by line type first (Direct Ship or In & Out) and then in the chronological order based on the creation date for each line type.
* The invoice details for all direct ship purchase orders will be displayed while only those invoices for In & Out purchase orders will be displayed which have either price discrepancies, quantity discrepancies or additional charges.
* All the Invoice lines need to be displayed in the report if Invoice has Miscellaneous and Freight Lines
* The Report would show the approver in appended form for Hold Approver and Invoice Approver if Invoice has multiple approvers.
* During the ad-hoc run, the AP Specialist can selectively execute this report for either Direct Ship or In & Out.

## Launch Parameters

| Parameter | Required | Valid Values | Default |
| --- | --- | --- | --- |
| Business Unit | Yes | List of All BU’s(Multi-Select) |  |
| Supplier | Optional | List of Supplier Names Dependent on BU |  |
| PO’s Received | Optional | Yes or No |  |
| Discount Supplier | Optional | Yes or No |  |
| PO Line Type | Optional | Direct Ship or  In & Out |  |
| Email ID | Optional |  |  |

## Key Logic

|  |  |  |
| --- | --- | --- |
| Ref | Field Name | Key Logic |
| 1 | Business Unit | Business Unit |
| 2 | AP Invoice No. | AP Invoice Number |
| 3 | Purchase Order | Purchase Order Number |
| 4 | PO Line No. | Purchase Order Line Number |
| 5 | PO Buyer | Buyer Name in Purchase Order |
| 6 | Supplier Name | Supplier Name in Purchase Order |
| 7 | Discount Vendor | Based on Invoice Pay Group  The Value with Discount and PROX will be considered as YES  Other Values will be considered as No |
| 8 | PO Line Type | If Destination Type is Drop ship, then the Value should be Direct Ship  If Destination Type is Inventory and Back to Back Flag Enabled, then the value In and Out |
| 9 | Sales Order No. | Direct Ship/Back to Back Sales Order Number Linked to Purchase Order |
| 10 | Sales Rep Name | Primary Sales Person field in the Sales Order |
| 11 | Sales Rep Mail | Mail Id of Primary Sales Person |
| 12 | Sales Order Total | Sales Order Total amount at Sales Order Header Level |
| 13 | AP Invoice Total | Invoice Total Amount at Header Level |
| 14 | Diff. btw SO Amount and AP Invoice Amount | Sales Order Total- AP Invoice Total |
| 15 | AP Invoice Line Type | Invoice Line type |
| 16 | SO Line No. | Sales Order Line Number |
| 17 | SO Line Quantity | Sales Order Line Quantity |
| 18 | AP Invoice Line No. | Invoice Line Number |
| 19 | AP Invoice Line Quantity | Invoice Line Quantity |
| 20 | Part Number | Item Code in Sales Order and Invoice |
| 21 | Part Description | Item Description |
| 22 | Diff in SO and AP Invoice Quantity | SO Line Quantity- AP Invoice Line Quantity. Needs to be Blank if AP Invoice line type I Miscellaneous/Freight |
| 23 | SO Line Amount | Sales Order Line Amount Total |
| 24 | Misc. charge/AP Invoice Line Amount | Invoice Line Amount Total |
| 25 | Diff in SO Line and AP Inv Line Amt | SO Line Amount- Misc. charge/AP Invoice Line Amount. Needs to be Blank if AP Invoice line type I Miscellaneous/Freight |
| 26 | Hold Name | Invoice Hold Name |
| 27 | Hold Date | Invoice Hold Applied Date |
| 28 | Hold Approver | User who Manually Overrides the Hold |
| 29 | AP Invoice Approver | Invoice Approver Name |

## Data Mapping

|  |  |  |  |
| --- | --- | --- | --- |
| Ref | Field Name | Report Heading | Field Source/Logic |
| 1 | Business Unit | Business Unit | Business Unit |
| 2 | AP Invoice No. | AP Invoice No. | AP Invoice Number |
| 3 | Purchase Order | Purchase Order | Purchase Order Number |
| 4 | PO Line No. | PO Line No. | Purchase Order Line Number |
| 5 | PO Buyer | PO Buyer | Buyer Name in Purchase Order |
| 6 | Supplier Name | Supplier Name | Supplier Name in Purchase Order |
| 7 | Discount Vendor | Discount Vendor | Based on Invoice Pay Group  The Value with Discount and PROX will be considered as YES  Other Values will be considered as No |
| 8 | PO Line Type | PO Line Type | If Destination Type is Drop ship, then the Value should be Direct Ship  If Destination Type is Inventory and Back to Back Flag Enabled, then the value In and Out |
| 9 | Sales Order No. | Sales Order No. | Direct Ship/Back to Back Sales Order Number Linked to Purchase Order |
| 10 | Sales Rep Name | Sales Rep Name | Primary Sales Person field in the Sales Order |
| 11 | Sales Rep Mail | Sales Rep Mail | Mail Id of Primary Sales Person |
| 12 | Sales Order Total | Sales Order Total | Sales Order Total amount at Sales Order Header Level |
| 13 | AP Invoice Total | AP Invoice Total | Invoice Total Amount at Header Level |
| 14 | Diff. btw SO Amount and AP Invoice Amount | Diff. btw SO Amount and AP Invoice Amount | Sales Order Total- AP Invoice Total |
| 15 | AP Invoice Line Type | AP Invoice Line Type | Invoice Line type |
| 16 | SO Line No. | SO Line No. | Sales Order Line Number |
| 17 | SO Line Quantity | SO Line Quantity | Sales Order Line Quantity |
| 18 | AP Invoice Line No. | AP Invoice Line No. | Invoice Line Number |
| 19 | AP Invoice Line Quantity | AP Invoice Line Quantity | Invoice Line Quantity |
| 20 | Part Number | Part Number | Item Code in Sales Order and Invoice |
| 21 | Part Description | Part Description | Item Description |
| 22 | Diff in SO and AP Invoice Quantity | Diff in SO and AP Invoice Quantity | SO Line Quantity- AP Invoice Line Quantity. Needs to be Blank if AP Invoice line type I Miscellaneous/Freight |
| 23 | SO Line Amount | SO Line Amount | Sales Order Line Amount Total |
| 24 | Misc. charge/AP Invoice Line Amount | Misc. charge/AP Invoice Line Amount | Invoice Line Amount Total |
| 25 | Diff in SO Line and AP Inv Line Amt | Diff in SO Line and AP Inv Line Amt | SO Line Amount- Misc. charge/AP Invoice Line Amount. Needs to be Blank if AP Invoice line type I Miscellaneous/Freight |
| 26 | Hold Name | Hold Name | Invoice Hold Name |
| 27 | Hold Date | Hold Date | Invoice Hold Applied Date |
| 28 | Hold Approver | Hold Approver | User who Manually Overrides the Hold |
| 29 | AP Invoice Approver | AP Invoice Approver | Invoice Approver Name |

## Assumptions

* Business unit in LOV will be populated as per the user access roles.

## Dependencies

* Basic set ups in Purchasing, Payables, Order Management are completed.
* Drop Ship and Back to Back Sales Order needs to be created
* Purchase Order needs to be created based on Drop Ship and Back to Back Sales Order and Invoice needs to be matched.

# Oracle Cloud Technical Design Specifications

## Overview

This section is intended to provide the developer with all the key information, assumptions, rules, and technical components required to implement the PO Non-Stock Discrepancies Report.

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | /shared/Custom/O2 GenAI Custom/TMT/O2\_GENAI\_REP1002\_Non-Stock\_Discrepancies\_Report |
| **Report Name** | O2\_GENAI\_REP1002\_Non-Stock\_Discrepancies\_Report |
| **Report Tool** | HCM Extract  BI Publisher  OTBI |
| **Report Security Group** | N/A |
| Additional Information | N/A |

## BI Publisher Design

|  |  |
| --- | --- |
| **BI Publisher Details** | |
| **Data Model Name** | O2\_GENAI\_REP1002\_Non-Stock\_Discrepancies\_Report\_DM |
| **Template Name** | PO\_Non\_Stock\_Discrepancies\_Template |
| **Template Output Formats (\* Indicates Default)** | Excel |

|  |
| --- |
| **Report Layout** |
|  |

|  |
| --- |
| **Report SQL** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Report Parameters** | | | |
| **Parameter Name** | **Data Type** | **Default Value** | **LOV query** |
| Business Unit | String |  | SELECT DISTINCT name  FROM per\_users a,  fun\_user\_role\_data\_asgnmnts b,  hr\_organization\_units\_f\_tl c  WHERE a.user\_guid = b.user\_guid  AND b.org\_id = c.organization\_id  AND b.org\_id IS NOT NULL  AND b.active\_flag = 'Y'  AND a.user\_guid = fnd\_global.user\_guid |
| Supplier | String |  | SELECT DISTINCT party\_name  FROM hz\_parties hp,  poz\_Suppliers poz,  poz\_supplier\_sites\_All\_m pss,  hr\_operating\_units hou  WHERE hp.party\_id = poz.party\_id  AND hp.status = 'A'  AND NVL (end\_Date\_active, SYSDATE + 1) > SYSDATE  AND poz.vendor\_id = pss.vendor\_id  AND nvl(pss.inactive\_Date,SYSDATE+1) > sysdate  AND hou.organization\_id = prc\_bu\_id  AND hou.name IN (:p\_bu\_name)  ORDER BY party\_name |
| PO’s Received | Date | All |  |
| Discount Supplier | String | All |  |
| PO Line Type | String | All |  |
| Email ID | String |  |  |

# Open Items

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

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