O2\_GENAI\_REP918\_PO Returns Report

**Lean Specification**

Stratus

*<Object Name>*

Document Control Information

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# Report Summary

## Purpose/Justification

This functional specification document forms the basis for a detailed technical specification. This document is intended to provide the developer with the necessary information for developing Purchase Order Return Report. It defines the key information, assumptions, rules, and logic that are needed to create the Report.

## Report Description and Overview

The Purchase Order Return Report is to Validate Item vendor cost in Purchase Orders.

## Legacy Report Sample



# Functional Design

## Report Details

|  |  |
| --- | --- |
| Report Name | O2\_GENAI\_REP918\_PO Returns Report |
| Report Schedule | Daily |
| Scheduled Report Recipients | N/A |
| Output Format | PDF  XML  HTML  CSV  EXCEL |
| Expected Volume | TBD |
| Report Needed | Internal  External |
| Multilanguage Support | N/A |
| Report Owner | TBD |
| Additional Comments | TBD |
| Data Segregation and Criteria | Global  BU/Region Specific BU/Region Name: |
|  |

## Data Selection and Sorting

* Transactions be sorted in the chronological order based on the creation date.
* Display all the columns in the report as per the Sample Layout
* Return Transactions created against PO Receipts should be considered for Report
* Debit memo created transactions will not be considered for report
* The Logic to Identify the transactions for which the debit memo is not created

If Transaction type is ‘Return to Supplier’ or ‘PO RETURNS’ (Sales Order Number)

And Invoice line Attribute 2(Return transaction number) not equal to return transaction number

Then

* List the transaction in the report
* Sales Order with Order Type ‘RTV Order’ need to be considered for the report
* Payment Terms column

## Launch Parameters

| Parameter | Mandatory/Non-Mandatory | Valid Values |
| --- | --- | --- |
| Business Unit | Mandatory | List of All BU’s |
| Start Date | Non-Mandatory | Range of Date Start from |
| End Date | Non-Mandatory | Range of Date Ends at |
| Debit Memo Created | Non-Mandatory | Yes, No |

## Layout Design



## Key Logic

|  |  |  |
| --- | --- | --- |
| Ref | Field Name | Key Logic |
| 1 | Invoice Header Identifier | Serial Number starting from 1. |
| 2 | Business Unit | Procurement Business Unit in Purchase Order Header |
| 3 | Import Set | Debitmemo\_Report Date(mmddyy)  Debitmemo\_ Should be hardcoded and creation date should reflect the date the report was run |
| 4 | Invoice Number | Return Transaction Number-Receipt Number.  The Invoice number should be concatenation of Return Transaction Number and PO receipt Number created against Purchase Order.  In case of Sales Order it will be Sales Order Number.  Invoice Number Should be prefixed with RTV |
| 5 | Invoice Currency | Same as PO currency or Sales Order currency if there is no PO |
| 6 | Invoice Amount | Sum of the PO Line Amounts.  Sum of the Sales Order Line Amounts |
| 7 | Invoice Date | Transaction Creation Date |
| 8 | Supplier | Supplier Name in Purchase Order.  Supplier Name from Additional Information in Sales Order |
| 9 | Supplier Number | Supplier Number in Purchase Order.  Supplier Number from Additional Information in Sales Order |
| 10 | Supplier Site | Supplier Site in Purchase Order  Supplier site form additional information in Sales Order |
| 11 | Payment Currency | Same as PO currency code or Sales Order currency code if there is no PO |
| 12 | Invoice Type | Debit Memo Hardcoded |
| 13 | Description | RMA Number entered while during PO Receipt return transactions.  Prefix should be RMA:  For Sales Order leave it as blank |
| 14 | Payment Terms | Net 30 (Hardcode it) |
| 15 | Line | Line number in Purchase order receipt and Sales Order Transactions |
| 16 | Type | Item is Hardcoded |
| 17 | Amount | -(Invoiced Quantity \* Unit Price) |
| 18 | Invoiced Quantity | -(Transaction Quantity) |
| 19 | Unit Price | Value defaulted from RTV Price(ATTRIBUTE\_NUMBER1) in return transaction |
| 20 | UOM | Unit of Measure of Item |
| 21 | Description | Item Code entered in Transaction |
| 22 | Purchase Order Number | Purchase Order Number.  In case of Sales Order pick the Purchase Order number in Sales Order field |
| 23 | Purchase Order Line | Purchase Order Line Number(It will be line number for Sales Order) |
| 24 | Distribution Combination (Column CN) | It will blank for Purchase Order related transactions. In case of RTV Sales Order. It will be the COGS Distribution created against Sales Order in Cost Management |
| 25 | Context | Debit Memo (Hardcoded) |
| 26 | Additional Information | Return Transaction Number |
| 27 | Invoice Created | Value should be Yes if Invoice is created against PO and Value should be No If invoice is not created |
| 28 | Invoice Quantity | Quantity Invoiced against PO |
| 29 | Restocking Fee | Restocking fee field in Sales Order Line Level. ATTRIBUTE\_CHAR4 |
| 30 | Legal Entity | Segment value based on Distribution |
| 31 | Division | Segment value based on Distribution |
| 32 | Department | Segment value based on Distribution |
| 33 | Site | Segment value based on Distribution |
| 34 | GL Code Account | Segment value based on Distribution |
| 35 | Intercompany | Segment value based on Distribution |
| 36 | Project | Segment value based on Distribution |
| 37 | Future 1 | Segment value based on Distribution |
| 38 | Future 2 | Segment value based on Distribution |
| 39 | Inventory Organization | Organization in Return Transaction/Warehouse field in Sales Order |

## Data Mapping

|  |  |  |  |
| --- | --- | --- | --- |
| Ref | Field Name | Report Heading | Field Source/Logic |
| 1 | Invoice Header Identifier | Invoice Header Identifier | Serial Number starting from 1. |
| 2 | Business Unit | Business Unit | Procurement Business Unit in Purchase Order Header |
| 3 | Import Set | Import Set | Debitmemo\_Report Date(mmddyy)  Debitmemo\_ Should be hardcoded and creation date should reflect the date the report was run |
| 4 | Invoice Number | Invoice Number | Return Transaction Number-Receipt Number.  The Invoice number should be concatenation of Return Transaction Number and PO receipt Number created against Purchase Order.  In case of Sales Order it will be Sales Order Number  Invoice Number Should be prefixed with RTV |
| 5 | Invoice Currency | Invoice Currency | Same as PO currency or Sales Order currency if there is no PO |
| 6 | Invoice Amount | Invoice Amount | Sum of the PO Line Amounts.  Sum of the Sales Order Line Amounts |
| 7 | Invoice Date | Invoice Date | Transaction Creation Date |
| 8 | Supplier | Supplier | Supplier Name in Purchase Order.  Supplier Name from Additional Information in Sales Order |
| 9 | Supplier Number | Supplier Number | Supplier Number in Purchase Order.  Supplier Number from Additional Information in Sales Order |
| 10 | Supplier Site | Supplier Site | Supplier Site in Purchase Order  Supplier site form additional information in Sales Order |
| 11 | Payment Currency | Payment Currency | Same as PO currency code or Sales Order currency code if there is no PO |
| 12 | Invoice Type | Invoice Type | Debit Memo Hardcoded |
| 13 | Description | Description | RMA Number entered while during PO Receipt return transactions.  Prefix should be RMA:  For Sales Order leave it as blank |
| 14 | Payment Terms | Payment Terms | Net 30 (Hardcode it) |
| 15 | Line | Line | Line number in Purchase order receipt and Sales Order Transactions |
| 16 | Type | Type | Item is Hardcoded |
| 17 | Amount | Amount | -(Invoiced Quantity \* Unit Price) |
| 18 | Invoiced Quantity | Invoiced Quantity | -(Transaction Quantity) |
| 19 | Unit Price | Unit Price | Value defaulted from RTV Price(ATTRIBUTE\_NUMBER1) in return transaction |
| 20 | UOM | UOM | Unit of Measure of Item |
| 21 | Description | Description | Item Code entered in Transaction |
| 22 | Purchase Order Number | Purchase Order Number | Purchase Order Number.  In case of Sales Order pick the Purchase Order number in Sales Order field |
| 23 | Purchase Order Line | Purchase Order Line | Purchase Order Line Number(It will be line number for Sales Order) |
| 24 | Distribution Combination (Column CN) | Distribution Combination (Column CN) | It will blank for Purchase Order related transactions. In case of RTV Sales Order. It will be the COGS Distribution created against Sales Order in Cost Management |
| 25 | Context | Context | Debit Memo (Hardcoded) |
| 26 | Additional Information | Additional Information | Return Transaction Number |
| 27 | Invoice Created | Invoice Created | Value should be Yes if Invoice is created against PO and Value should be No If invoice is not created |
| 28 | Invoice Quantity | Invoice Quantity | Quantity Invoiced against PO |
| 29 | Restocking Fee | Restocking Fee | Restocking fee field in Sales Order Line Level. ATTRIBUTE\_CHAR4 |
| 30 | Legal Entity | Legal Entity | Segment value based on Distribution |
| 31 | Division | Division | Segment value based on Distribution |
| 32 | Department | Department | Segment value based on Distribution |
| 33 | Site | Site | Segment value based on Distribution |
| 34 | GL Code Account | GL Code Account | Segment value based on Distribution |
| 35 | Intercompany | Intercompany | Segment value based on Distribution |
| 36 | Project | Project | Segment value based on Distribution |
| 37 | Future 1 | Future 1 | Segment value based on Distribution |
| 38 | Future 2 | Future 2 | Segment value based on Distribution |
| 39 | Inventory Organization | Inventory Organization | Organization in Return Transaction/Warehouse field in Sales Order |

## Dependencies

• Basic set ups in Purchasing and Inventory are completed.

• Purchase Order Receipt Transactions and Sales Order Transactions should exist

# 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 Purchase Order Returns report.

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | /shared/Custom/O2 GenAI Custom/TMT/  O2\_GENAI\_REP918\_PO Returns Report |
| **Report Name** | PO Returns Report |
| **Report Tool** | HCM Extract  BI Publisher  OTBI  FRS |
| **Report Security Group** | N/A |
| Additional Information | N/A |

## Technical Assumption

Considering the expected volume is not more than 65,000 records. Business unit will be displayed as per the data access to the role and will be assigned to the user specifically.

## BI Publisher Design

|  |  |
| --- | --- |
| **BI Publisher Details** | |
| **Data Model Name** | O2\_GENAI\_REP918\_PO Returns Report\_DM |
| **Location** | /shared/Custom/O2 GenAI Custom/TMT/  O2\_GENAI\_REP918\_PO Returns Report |
| **Template Name** | PO\_Returns\_Report\_Excel.xls |
| **Template Output Formats (\* Indicates Default)** | Excel |

|  |
| --- |
| **Report SQL (Including Bursting Query)** |
|  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Report Parameters** | | | |
| **Parameter Name** | **Data Type** | **Default Value** | **LOV query** |
| Business Unit | String |  |  |
| Debit Memo Created | Fixed Data |  | NA |

## OTBI Design

N/A

## Components list

|  |  |  |
| --- | --- | --- |
| **Component Name** | **Component Type** | **Purpose** |
| PO\_Returns\_DM | Data Model | To Extract Purchase Order returns corresponding to PO Receipts and inventory transaction with Account alias issue. |
| PO\_Returns\_Report | Report | Report based on the Data Model |

# Migration Steps

NA.

# Open and Closed Issues

## Open Issues

| Issue Id | Description | Opened By | Responsible | Due Date |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## 4.2 Closed Issues

| Issue Id | Description | Resolution | Signoff | Closed Date |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

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