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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Identification** | | | | | | | |
| **Project Name** | | | | | | | |
| Project Toyo Tires | | | | | | | |
| **Organization** | | | | | | | |
| Toyo Tires | | | | | | | |
| **Project Manager** | | | | **Work Stream** | | | |
| Ketan Rathor | | | | Order to Cash | | | |
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| **Document Name**  *<right click file name to update, this instruction will not print>* | | | | | **Document Location (repository/path/name)**  *<right click file path to update, this instruction will not print>* | |
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# General Information

## Overview

Invoice will be created after the shipment process is iitiated . TOYO users will be manually generating the Proforma Invoice

OTC.F.554-Invoice Output (Billing Proforma)

## Business Requirements

After Invoice is created and saved an invoice output to be created

## Assumptions

<List any system or business assumptions>

## Integration Points and Dependencies

<List key integration points between this unit of work and other business processes, WRICEF objects, etc. Include both upstream and downstream impacts>

## Security and Control Considerations

<List data security or sensitivity considerations, a proposed business role for the transaction, and any business process controls that will need to be validated as part of this WRICEF>

## Other Relevant Information

# Functional Unit Test Scenarios

| Test Case | Description | Fiori Tile / Navigation | Expected Results |
| --- | --- | --- | --- |
|  |  |  |  |
| Invoice created | Invoice created |  | After saving of Invoice a Invoice output will be triggered |

# Workflow <Delete section if not relevant>

## Business Object

<Eg - BUS2021 – SD Quotation>

## Workflow Process

<List details about the business process and the interaction users will have with the workflow in addition to the process diagram>

## Triggering Events

<What events trigger the workflow – like “save quotation” or “cancel sales order”>

## Listening Events

<What could happen to the business object that our workflow needs to react to? If the value of the order is changed, do we cancel and re-start the workflow?>

## Terminating Events

<What completes or kills the workflow>

## Detailed Technical Design

<All objects created for this WRICEF

Specific Code logic that needs to be understood to support

Technical dependencies>

## Extensions to Business Object

<What additional fields need added to the object to properly execute the workflow>

## Considerations during workflow steps

<Custom tables read to get approvers, how to handle/route decisions, what emails or messages are sent>

## Error handling

<List details about the errors, resolution, and who should be notified>

# Reports <Delete section if not relevant>

<Identify the type of report to be used. Ie:, ALV Abap Query, Fiori>

## Selections Screen or Filter Values

| Field Name | Description | Default Values | Comments |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Report Layout (Sort/Sequencing Criteria)

<Include a mock-up in excel file or a picture/screenshot of layout>

## Pre-Processing (Before Selection Screen)

<Any screen considerations for the report, pre-populating of drop downs, user or role restrictions, default variants, etc.>

## Special Program Logic

<Required logic to select data(if not standard selection/join)

Calculation logic

Output presentation logic (totaling, rollups, sorting, etc)>

## Detailed Technical Design

<All objects created for this WRICEF

Specific Code logic that needs to be understood to support

Technical dependencies>

## Other Activities

<Drill downs, automatic printing, etc>

## Report Fields

| Field Name | Heading | DB ref / Calculate Field | Comments |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Batch Info

<Frequency, dependencies, recipients, etc.>

# Interfaces <Delete section if not relevant>

|  |  |
| --- | --- |
| Program Type | Batch Interface,  Online / Real-time Interface |
| Interface Type | EDI / IDOC,  ALE,  BAPI,  Web Service,  Other |
| Interface Direction | Inbound,  Outbound,  Both |
| Created With | SAP Standard / PI,  Add-on Interface |
| External System | <Describe the inbound source or outbound target system> |
| Contact for External system |  |

## Detailed Functional Description

An output of the invoice /Proforma Invoice to be sent to bill to Parties mail id by output program.

Country of Origin: Take the batch from the delivery and pass it into MCHA-BWTAR. Let the Val Type, pass it into ZSCM\_PIR\_IDENTFR and get supplier. Pass this inLFA1 and get the country of Origin – Do no code. Wait till confirmation.

Place of Direct Shipment to Canada:

FTZ in Ontario, CA, USA *if SLOC is FTZ*

NASH in Ontario, CA, USA *if SLOC is NASH*

Mode of Transportation: Ocean/Rail

Country of Transshipment: Transshipment at FTZ in Ontario, CA, USA

Use all the parameters from the Billing Program which you have developed.

[Proforma invoices EAST.xlsx](https://toyotiresus.sharepoint.com/:x:/r/sites/S4HANAGTTCIProjectWithGyanSys/GyanSys%20Project/02%20-%20Explore/09%20-%20Explore%20-%20Docs%20from%20Toyo/09%20-%20Explore%20-%20Docs%20from%20Toyo%20-%20Forms/09%20-%20Explore%20-%20Forms%20-%20TCI/09%20-%20Explore%20-%20Forms%20-%20TCI%20-%20Sales/Proforma%20invoices%20EAST.xlsx?d=w70beb89971484cc78c6a785f2a237ac2&csf=1&web=1&e=yMWqXR)

[Invoice for Nashville.xlsx](https://toyotiresus.sharepoint.com/:x:/r/sites/S4HANAGTTCIProjectWithGyanSys/GyanSys%20Project/02%20-%20Explore/09%20-%20Explore%20-%20Docs%20from%20Toyo/09%20-%20Explore%20-%20Docs%20from%20Toyo%20-%20Forms/09%20-%20Explore%20-%20Forms%20-%20TCI/09%20-%20Explore%20-%20Forms%20-%20TCI%20-%20Sales/Invoice%20for%20Nashville.xlsx?d=wb310222f66b14efca5a60424a70b9c2b&csf=1&web=1&e=SX6REw)

Unit Price – List Price – Discount (same which you are doing in other invoices)

Shipper – This is the Shipping Point address

**INLAND FREIGHT CHARGE - Get the value from the Delivery Text. Put in only as Notes only below the Total**

BROKERAGE FEE CDN - Get the value from the Delivery Text. Then deduct it from the total $ value of the Tires

Please refer to the XL to get the format and the fields

## Source Side

|  |  |
| --- | --- |
| Relevant Tables |  |
| Description of Interface |  |
| File(s) |  |
| Input File Location |  |
| Layout |  |
| Archive notes/locations |  |

## Middleware

|  |  |
| --- | --- |
| Description of Interface |  |
| Inbound File(s) |  |
| Input File Location |  |
| Outbound File(s) |  |
| Outbound File Location |  |
| Mapping |  |
| Logic or lookup systems/tables |  |
| Archive notes/locations |  |

## Target Side

|  |  |
| --- | --- |
| Relevant Tables |  |
| Description of Interface |  |
| File(s) |  |
| File Location |  |
| Layout |  |
| Archive notes/locations |  |

## Detailed Technical design

<All objects created for this WRICEF  
Specific Code logic that needs to be understood to support  
Technical dependencies>

## Reporting/Notification Requirements

<Details for reporting and/or notification of management and error processing>

## Reconciliation Procedures and Audit Requirements

<Procedures and responsibilities for monitoring and reconciling errors and providing audit information>

## Process Flow

<Insert process flow >

## Partner Profile (if necessary)

| Partner | Direction | Message type | Message function |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## Sample Files

## Batch Information

<Frequency, dependencies, recipients, etc>

# Conversions <Delete section if not relevant>

# Enhancements <Delete section if not relevant>

|  |  |
| --- | --- |
| Enhancement Type | User Exit  BADI  Enhancement Point  Screen / Field Exit  Routine / Formula  Dialog Program  ITS Mobile Transaction  Search Help / Matchcode  Other (describe)  <Remove those that do not apply> |
| Is this a Core Modification or copy of SAP program? | Yes  No |
| If Yes, Decision Record # for Approval |  |
| Name of User Exit / BAdI, Transaction, Screen, or Search Help | <if applicable> |
| Source Object if Copying |  |

## Program Details

<List details about the functional requirements for the program. If class-based, then please list each method individually with the logic for that method. Remove what is not needed below>

**BADI: <BADI implementation name>**

**<reference class or interface>**

### Function Modules

| Name | Func Group | Appl Area | Description |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

### Import Parameters

| Parameter | Description | Refernce Field | Proposal | Optional |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

### Export Parameters

| Parameter | Description | Reference Field |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### Table Parameters

| Parameter | Description | Reference Structure | Optional |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

### Exceptions

| Exceptions | Description |
| --- | --- |
|  |  |
|  |  |
|  |  |
|  |  |

### Related / Called Objects

| Object Name | Description | Remarks |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### User Exits

| Name / ID | Application Area | Description |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

## Screen Details

<Details about any screen requirements – include sequence, input/output, and other details as necessary>

## Detailed Technical Design

<All objects created for this WRICEF  
Specific Code logic that needs to be understood to support  
Technical dependencies>

## Other Details

# Output Forms <Delete section if not relevant>

|  |  |
| --- | --- |
| Form Type | SmartForm,  SAPscript,  Adobe,  Other |
| Form Name(s) | If multiple forms |
| Print Program |  |
| Initiating Fiori Tile | <Transaction used to generate the form> |
| Source Form if Copying |  |
| Source Print Program if Copying |  |
| Output Type | Letter (8.5 x 11),  A4,  Label,  Other |
| Label Output Size |  |
| Intended Audience | Customer, Internal staff/dept, Vendor, etc |
| Intended Localizations | U |

## Form Layout (Sort/Sequencing Criteria)

<Details of form layout, including requirements for barcodes, page breaks, paper type (blank, pre-printed, etc.), and totaling. Provide a scan of an existing version if available for as-is comparisons.>

## Print program special consideration

<Checks the print program needs to perform, including if the program needs to select a slightly different version of the form than is defined in config>

## Form logic

<Logic or calculations required to produce specific values that do not have obvious sources>

## Detailed Technical Design

<All objects created for this WRICEF  
Specific Code logic that needs to be understood to support  
Technical dependencies>