|  |  |
| --- | --- |
|  |  |
| Test Script  SAP S/4HANA - 18-09-20 | public |
| Decentralized EWM - Outbound Processing (4RP\_DE) |

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# Purpose

With this process, products are picked, packed, and sent from your warehouse. This scope item supports different outbound process scenarios. For example, you can send ordered products to external customers, return products to suppliers, and supply products to other storage locations. The process starts with an outbound delivery that is relevant for processing in the warehouse. This document serves as the starting point for subsequent process steps. Warehouse tasks are created based on the outbound delivery. The physical process for picking is executed and confirmed afterwards. A warehouse worker packs the products into shipping handling units. Finally, the goods issue is posted.

This document provides a detailed procedure for testing this scope item after solution activation, reflecting the predefined scope of the solution. Each process step, report, or item is covered in its own section, providing the system interactions (test steps) in a table view. Steps that are not in scope of the process but are needed for testing are marked accordingly. Project-specific steps must be added.

# Prerequisites

This section summarizes all the prerequisites for conducting the test in terms of systems, users, master data, organizational data, other test data and business conditions.

## System Access

|  |  |
| --- | --- |
| System | Details |
| System | Accessible via SAP Fiori launchpad. Your system administrator provides you with the URL to access the various apps assigned to your role. |

## Roles

Assign the following business roles to your individual test users. Alternatively, if available, you can create business roles using the following spaces with pages and predefined apps for the SAP Fiori launchpad and assign the business roles to your individual test users.

Note These roles or spaces are examples provided by SAP. You can use them as templates to create your own roles or spaces.

For more information about business roles, refer to Assigning business roles to a user in the [Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices](https://help.sap.com/viewer/S4HANA2020_AdminGuide) .

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name (Role) | ID (Role) | Description (Space) | ID (Space) | Log On |
| Warehouse Clerk (EWM) | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Warehouse Office | SAP\_BR\_WAREHOUSE\_CLERK\_EWM |  |
| Warehouse Operative (EWM) | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM | Warehouse Floor | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM |  |

## Master Data, Organizational Data, and Other Data

The organizational structure and master data of your company have been created in your system during activation. The organizational structure reflects the structure of your company. The master data represents materials, customers, and suppliers, for example, depending on the operational focus of your company.

Use your own master data or the following sample data to go through the test procedure.

|  |  |  |  |
| --- | --- | --- | --- |
| Data | Sample Value | Details | Comments |
| Material | TG11 | Trading Good for Reg. Trading (MRP planning) | Storage |
| Material | TG12 | Trading Good for Reg. Trading (reorder point planning) | Fixed Bin Storage |
| Material | TG14 | Trading material (Reorder point planning, bought in item) no batch | For process BDN – Sales of Non-Stock Item with Order-Specific Procurement. See Business Conditions chapter |
| Material | TG21 | Trad.Good 21,Reorder Point,Batch-FIFO | Bulk Storage |
| Material | RM124 | RAW124,VB,Consumption,FixedBin |  |
| Material | TG0011 | Trading Good 0011,PD,Regular Proc. | General Storage |
| Material | TG0013 | Trad. Good 0013,PD,Regular Proc. | General Storage |
| Packaging Material | PMPALLET | Pallet |  |
| Packaging Material | PMCARTON | Carton |  |
| Packaging Material | PMWIREBASKET | Wire basket |  |
| Packaging Material | PMPALLET\_GTL | Pallet for GTL |  |
| Packaging Material | PMCARTON\_GTL | Carton for GTL |  |
| Packaging Material | PMWIREBASKET\_GTL | Wire basket for GTL |  |
| Carrier | 10300001 | Domestic 10 Supplier 1 |  |
| Company Code | 1010 | Company Code 1010 |  |
| Purchase Organization | 1010 | Purchase Organization 1010 |  |
| Plant | 1010 | Plant 1 DE |  |
| Storage Location | 106S | Storage location for Decentralized EWM OP |  |
| ERP Warehouse | 106 | Warehouse |  |
| EWM Warehouse | 1060 | Warehouse |  |
| Custodian | BP1010 |  |  |
| Entitled to Dispose | BP1010 |  |  |
| Division | 00 | Product Division 00 |  |
| Distribution Channel | 10 | Direct Sales |  |
| Shipping Point | 1010 | Shipping Point 1010 |  |
| Ship to party | 10100003 | Customer domestic 03 |  |
| Sold to party | 10100003 | Customer domestic 03 |  |

You can find general information on how to create master data objects in the following [Master Data Scripts (MDS)](https://support.sap.com/content/dam/SAAP/Sol_Pack/BP_OP_ENTPR/BP_OP_ENTPR_S4HANA2020_7_Master_Data_EN_XX.htm) :

Table 1: Master Data Script Reference

|  |  |
| --- | --- |
| MDS | Description |
| BNF | Create Product Master of Type "Trading Good" |
| BND | Create Customer Master |
| 2YX | Create Customer-Material Info Record |
| 3KS | Create Warehouse Master Data for Production Supply |
| 3KR | Create Warehouse Storage Bins and Fixed Bin Assignments |
| 3KQ | Create Warehouse Attributes for Material/Product Master |

## Additional Manual Configuration

Before you start the testing, please make sure that the steps in the Administration Guide to Implementation of SAP S/4HANA with SAP Best Practices published on SAP Activate Roadmap Viewer have been completed.

## Business Conditions

Before this scope item can be tested, the following business conditions must be met.

|  |  |
| --- | --- |
| Scope Item ID | Business Condition |
| All Scope Items |  |
| BNZ - Create New Open MM Posting Period | A new posting period was created as part of process BNZ - Create New Open MM Posting Period (Master Data Script).  The posting period is up to date. |
| 4RO–Decentral EWM - Inbound Processing | This scope item is used as a predecessor. |
| Outbound to External Customer | |
| BD9 - Sell from Stock | Complete activity (Create Sales Order, Create Delivery) described in the test script.  At the Create Delivery step, before creating the delivery, in the Picking tab change the SLoc value to warehouse-managed Storage Location (e.g. Storage Location 106S).  Use the master data from this document. |
| Return to Supplier | |
| 4RQ–Decentralized EWM – Ad-Hoc Goods Issue | 4RQ – Decentralized EWM – Ad-Hoc Goods Issue to block the stock to be returned to the supplier. Follow section Create Posting Change Warehouse Task for Scrapping using the following entries:  Whse Proc. Type: S400  Qty F. Post. Change: <Enter the quantity that you want to post the stock change for>  Stock Type: B |
| BMK - Return to Supplier | Complete activity (Create Return Purchase Order, Post Goods Issue to Vendor with Return Delivery) described in the test script.  Make sure that you use the warehouse-managed storage location 106S in the Create Return Purchase Order step. |
| Outbound triggered by Goods Movement Posting | |
| BMC - Core Inventory Management | Complete activity (General Stock Scrapping: Goods Issue to Cost Center) using a warehouse-managed storage location (e.g. Storage Location 106S) and the materials in the chapter Master Data, Organizational Data, and Other Data. |
| BMC - Core Inventory Management | Complete activity (one-step stock transfer).  Make sure that you transfer from the storage location 106S. |
| Free of Charge Delivery |  |
| BDA – Free of Charge Delivery | Complete activity (Create Sales Order, Create Delivery) described in the test script..  At the Create Sales Order step, before saving the delivery, select the order item and then choose More -> Goto -> Item -> Shipping. In the Shipping section, enter the Stor.Loc. value to warehouse-managed Storage Location (e.g. Storage Location 106S).  Use the master data from this document.. |
| Customer Down Payment |  |
| BKJ – Sales Order Processing with Customer Down Payment | Complete activities (from Create Sales Orders with Billing Plan step to Create Delivery step) described in the test script.  At the Create Sales Orders with Billing Plan step, before saving the sales order, select the item and then choose More -> Goto -> Item -> Shipping. In the Shipping section, enter the Stor.Loc. value to warehouse-managed Storage Location (e.g. Storage Location 106S).  Use the master data from this document. |
| Customer Consignment |  |
| 1IU – Customer Consignment | For Consignment Fill-UP, complete activities (from Create Consignment Fill-Up Order step to Create Outbound Delivery step) described in the test script.  At the Create Consignment Fill-Up Orders step, before saving the Sales Order, select the item and then choose More -> Goto -> Item -> Shipping . In the Shipping section, enter the Stor.Loc. value to warehouse-managed storage location (e.g. Storage Location 106S).  Use the master data from this document. |
| Sales of Non-Stock Item with Order-Specific Procurement |  |
| BDN – Sales of Non-Stock Item with Order-Specific Procurement | Complete activities (Create Sales Orders step to Create Delivery step) described in the test script.  • At the Create Sales Orders step, before saving the Sales Order, select the item and then choose More -> Goto -> Item -> Shipping. In the Shipping section, enter the Stor.Loc. value to warehouse-managed Storage Location (e.g. Storage Location 106S)  • At the Post Goods Receipt step, when entering the Goods Recipient, enter the Stor.Loc. value to warehouse-managed Storage Location (e.g. Storage Location 106S  Use the master data TG14. |

## Preliminary Steps

The following two steps are required to define the logic in the Outbound to determine which Outbound Delivery Order with respective Materials should go to which Storage Bin in the Outbound Area. This can help you for example to distribute your material by Carriers for a better separation and planning.

### Define Default Values for Warehouse Clerk (EWM)

Use

In this step, you define the default warehouse number for Warehouse Clerk (EWM).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as Warehouse Clerk (EWM). |  |  |
| 2. | Choose App | Choose tab page Warehouse Processing  Open App Change Inbound Deliveries - Deliveries (F1706). |  |  |
| 3. | Choose the User Icon | Choose the Icon for the logon user.  Choose Settings. |  |  |
| 4. | Enter Default Value | Choose Default Parameters.  And make the following entry:  Warehouse No: 1060  Choose Save. |  |  |

### Define Default Values for Warehouse Operative (EWM)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad as Warehouse Operative (EWM). |  |  |
| 2. | Choose the User Icon | Choose the Icon for the logon user.  Choose Settings. |  |  |
| 3. | Enter Default Value | Choose Default Values.  And make the following entry in the section Material Management:  Warehouse No: 1060  Choose Save. |  |  |

### Staging Area and Door Determination (Outbound)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Determine Staging Area - Outbound (/SCWM/STADET\_OUT). | The Determine Staging Area - Outbound (/SCWM/STADET\_OUT) screen displays. |  |
| 3. | Create new entries | Create the first entry with the following values:  Warehouse Number: 1060  Sequence Number:1  Carrier: 10300001  Staging Bay: GI-AREA-02  Stg. Area Group: S920  Choose Save. | Should be created. |  |
| 4. | Create new entries | Create the second entry with the following values:  Warehouse Number: 1060  Sequence Number:1  Staging Bay: GI-AREA-01  Stg. Area Group: S920  Whse Proc. Type: S210  Choose Save. | Should be created. |  |

### Access Sequence to Staging Areas and Door Determination

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Define Access Sequence - Staging Areas (/SCWM/STADET\_ASS). | The Define Access Sequence - Staging Areas (/SCWM/STADET\_ASS) screen displays. |  |
| 3. | Create new entries | First Door Determination  Warehouse Number: 1060  Use Carrier: X  Access Sequence Number: 1  Choose Save. | Should be created. |  |
| 4. | Create new entries | Second Door Determination  Warehouse Number: 1060  Use Whse Proc. Type: X  Access Sequence Number: 2  Choose Save. | Should be created. |  |

### Define Favorite Packaging Materials

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Define Favorite Packaging Materials (/SCWM/TWSPACKMAT). | The Define Favorite Packaging Materials (/SCWM/TWSPACKMAT) screen displays. |  |
| 3. | Enter Warehouse Number | On the first time a dialog box displays Determine Work Area: Entry, please make following entry:  Warehouse Number: 1060  Choose Continue. | The Define Favorite Packaging Materials screen displays. |  |
| 4. | Switch the mode | Please choose Edit on the right upper corner. | The screen name changes to Change View “Define Favorite Packaging Materials”: Overview |  |
| 5. | Choose the button New Entries | Once you have switched the mode, you are able to see more buttons with different options.  Choose New Entries. | The grey fields should be open for editing your required Packaging Materials now. |  |
| 6. | Fill in required entries | Wrk Center: Pack  Product: for example PMPALLET  Choose Save. | Dialog box with the information Data was saved appears in the right corner. |  |

### Define Deliveries View

Procedure

This step is optional for processes related shipping of materials into the outside.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Run Outbound Process - Deliveries (F1704). | The Run Outbound Process (F1704) screen displays. |  |
| 3. | Change the view | Choose Standard and select the view SAP-Delivery to Sales. | The view should now have been changed. |  |
| 4. | Change the view | Choose Standard again and use Manage.  Switch the default from Standard to SAP -Delivery to Sales. Afterwards choose OK. | The Default Deliveries view is changed and saved now. |  |

### Initial Stock Upload

Purpose

In this process step you upload the initial stock.

#### Data Files for Initial Stock Upload

The different .csv data files referred to in the following sections of this process are available as attachments to the [2930991](https://launchpad.support.sap.com/#/notes/2930991) of the solution package.

Attached to the SAP Note are the following .zip files:

* Initial\_Stock\_Upload\_Data\_DE.zip

The zip file contains all necessary data to populate stock for the example products.

To provide stock into the Storage (StType S001), you apply the following .csv file:

* ISU\_S001.csv

To provide stocks into Fixed Storage (StType SF01), you apply the following .csv file:

ISU\_SF01.csv

To provide stocks into the Bulk Storage (StType SB01), you apply the following .csv file:

* ISU\_SB01.csv

To provide stocks into General Storage (StTYpe SG01), you apply the following .csv file:

● ISU\_SG01.csv

#### Adopt Business Partner ID in .csv files when deviating from Default Business Partner Number

The sample .csv files provided for you to use when uploading the stock data contain a default ID,

BP1010

This ID is for the business partner (representing the plant) which is used in its roles as Owner and Party Entitled to Dispose.

If you change the default ID, for example, because your plant has a different ID and/or you used a different prefix, other than

BP1010

you update that value for the business partner in all .csv files. Otherwise, the upload transaction fails, indicating that the business partner does not exist.

You must find and replace the business partner ID, BP1010 with your actual ID in all of the provided files.

#### Batch Creation

Purpose

Before you upload the stock in storage type SB01 with csv file ISU\_SB01.csv, make sure batch GERMAN is created in in SAP S/4HANA Decentralized EWM System.

Procedure

Follow the step 5.3Batch Creation in test script BLF - Batch Management to create batch for material TG21 with following data:

Material : TG21

Batch: GERMAN

Date of Manufacture: <Current date>

Supplier Batch: <Supplier Batch Number>

Country of Origin: DE

#### Upload Initial Stock

Purpose

In this process step you upload the initial stock.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Open the SAP Fiori launchpad with the Warehouse Clerk (EWM). | The SAP Fiori launchpad is displayed. |  |
| 2. | Access the App | Choose Upload Stock (/SCWM/ISU). |  |  |
| 3. | Enter the Data | On the Stock Data Transfer screen, ensure the following fields are complete:  Warehouse Number: 1060  Language: EN  Number of HUs per posting: 50  Do not Post Data in ERP:  Local File: X  Display Data: X |  |  |
| 4. | Upload the File for Initial Stock Upload | Choose Open Folder.  Choose Import.  Locate the\*.csv files on your computer.  ISU\_S001.csv  and / or  ISU\_SF01.csv  and / or  ISU\_SB01.csv  and / or  ISU\_SG01.csv  Choose Open.  The system displays the path and file name of the selected .csv file.  On the Stock Data Transfer /screen, choose Upload.  Choose OK. | On the Stock Data Transfer screen, the uploaded rows from the .csv file are displayed. |  |
| 5. | Upload the Initial Stock | Choose Start Stock Data transfer (F8).  Record the number of the warehouse material document for later use.  The warehouses material document is a specific warehouse material document.  This document is NOT the SAP S/4HANA ERP material document ID. | The message Warehouse Material Document ########## is displayed in the lower part of the screen. |  |

#### Check Material Documents (Optional) in SAP S/4HANA ERP System

Purpose

Along with populating the warehouse with stock and HUs, there is also a financial posting in the SAP S/4HANA ERP system. The movement type used for this is 561 which is the standard movement type for initial stock upload during a cutover before going live with an SAP S/4HANA ERP materials management.

The check step is to show you the material document along with its financial posting in the SAP S/4HANA ERP system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Open the SAP Fiori launchpad with the Inventory Manager role. | The SAP Fiori launchpad is displayed. |  |
| 2. | Access the App | Choose Material Documents Overview (F1077). |  |  |
| 3. | Change Settings | On section Material Documents, choose Settings on the right hand side.  Select the column for Goods Movement Type.  Choose OK. |  |  |
| 4. | Enter Selection Data | On top of the screen, make the following entries:  Stock Change: STOCK INCREASE  Stock Change Level: Plant  Plant: 1010  Storage Location: 106S  Material:  TG11  TG12  TG21  TG0011  TG0013  Choose OK. |  |  |
| 5. | Check the Material Document | Choose Go.  Material documents are listed.  Note down the number of the Material Document with movement type 561.  Choose the S/4HANA Material Document. |  |  |

# Overview Table

This scope item consists of several process steps provided in the table below.

If your system administrator has enabled spaces and pages on the SAP Fiori launchpad, the homepage will only contain the essential apps for performing the typical tasks of a business role.

You can find all other apps not included on the homepage using the search bar.

If you want to personalize the homepage and include the hidden apps, navigate to your user profile and choose Settings > App Finder .

|  |  |  |
| --- | --- | --- |
| Process Step | Name (Role) | App / Transaction |
| [Assign Carrier (Optional)](#unique_22) [page ] 19 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Run Outbound Process - Deliveries (F1704) |
| [Create Pick Warehouse Tasks](#unique_23) [page ] 20 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Run Outbound Process - Deliveries (F1704) |
| [Confirm Pick Warehouse Tasks](#unique_24) [page ] 21 | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM | Confirm Warehouse Tasks (/SCWM/MONNAV\_WT\_CONF) |
| [Pack Goods into Shipping Handling Units (Optional)](#unique_25) [page ] 22 | SAP\_BR\_WAREHOUSE\_OPERATIVE\_EWM | Pack Outbound Deliveries (F3193) |
| [Print Loading Instruction (Optional)](#unique_26) [page ] 24 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Run Outbound Process - Deliveries (F1704) |
| [Post Goods Issue](#unique_27) [page ] 25 | SAP\_BR\_WAREHOUSE\_CLERK\_EWM | Run Outbound Process - Deliveries (F1704) |

# Test Procedures

This section describes test procedures for each process step that belongs to this scope item.

This Testscript describes all steps which are required to execute the outbound process from the product perspective.

You can execute the process also from HU perspective, but then you have some different steps especially related to material TG21 in step Confirm Pick Warehouse Tasks.

## Assign Carrier (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Open Fiori Run Outbound Process - Deliveries (F1704). | The Run Outbound Process (F1704) screen displays. |  |
| 3 | Plan Transportation | On the Run Outbound Process Screen, make the following entries:  Departure Date/Time for Route: From today to a date in the future | Your Outbound Delivery Orders should be visible now. |  |
| 4 | Select your Outbound Delivery Order | Select your delivery and choose Edit(1). | New fields should be editable now. |  |
| 5 | Assign a Carrier | Enter a carrier, for example 10300001 and choose Save. |  |  |

## Create Pick Warehouse Tasks

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Open Fiori Run Outbound Process - Deliveries (F1704). | The Run Outbound Process (F1704) screen displays. |  |
| 3 | Select your Outbound Delivery | Select your outbound delivery order. |  |  |
| 4 | Create Pick Warehouse Tasks | Create the WH Tasks via Create Tasks (1).  In case of not enough stock you can reduce the quantity of delivery item. | WH Task is created. Picking list is automatically printed in the background. |  |
| 5 | Choose your Outbound Delivery Order to find the created Warehouse Task | Choose your outbound delivery order. | Your Outbound Delivery Order screen is open now. |  |
| 6 | Choose Warehouse Tasks | Choose Warehouse Tasks. | Warehouse Tasks screen is visible now. |  |
| 7 | Note the Warehouse Task number | Note down the appearing number. | Note down your outbound delivery order. |  |

## Confirm Pick Warehouse Tasks

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

Pick List is printed in the step before and handed over now to the Warehouse Operative (EWM). He performs the warehouse tasks and confirms them in the system.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log On | Log on to the SAP Fiori launchpad as a Warehouse Operative (EWM). | The SAP Fiori launchpad is displayed. |  |
| 2 | Access App | Open Fiori Process Process Warehouse Tasks - Picking (F3880). |  |  |
| 3 | Enter your Warehouse Task | Warehouse Task: <WT number noted down in the previous step>  Choose Go. |  |  |
| 4 | Confirm Warehouse Task | Mark the check box for the selected warehouse task and choose Confirm. |  |  |

## Pack Goods into Shipping Handling Units (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is to pack the confirmed warehouse tasks as preparation step for the final physical delivery outgoing.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Operative (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Pack Outbound Deliveries (F3193). | The Pack Outbound Deliveries (F3193) screen displays. |  |
| 3. | Enter your required values | Work Center: PACK  Storage Bin: for example GI-AREA-01  Choose Start Packing. | The Pack Outbound Deliveries (F3193) screen displays with a new view. |  |
| 4. | Create Handling Unit | Fill in your Reference Number: Outbound Delivery Order | A dialogbox Create Shipping Handling Unit is displayed now. |  |
| 5. | Create Shipping Handling Unit | Select your favorite Packaging Material afterwards choose Create. | Your Shipping Unit is automatically created now. You can verify the Shipping Handling Unit number on the upper right corner. |  |
| 6 | Select stock to be packed | Select the Material to be packed and choose Pack and repeat this step as long as your Destination HU has the right value of materials and quantity according to your needs.  You will be asked to enter Serial Numbers if the product con-cerned is Serial Number managed. | According to your Pack steps you should see on the right side (Destination HU) your packed Materials. |  |
| 7. | Select stock to be packed | Select the Material to be packed and choose Pack and repeat this step as long as your Destination HU has the right value of materials and quantity according to your needs. | According to your Pack steps you should see on the right side (Destination HU) your packed Materials. |  |
| 8. | Printing Shipping HU Label | For manual Shipping HU Label printing choose Print. | Your Shipping HU Label is printed now. |  |
| 9. | Close the Shipping Handling Unit | Choose Close for finalizing the pack process step.  Afterwards choose Leave for proceeding the next step. | Consider your Destination HU is automatically created. The HU Label should be automatically printed. On the left corner below you can verify created status. |  |

## Print Loading Instruction (Optional)

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

In this step, you create a list of loading instructions as an information for the carrier.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Run Outbound Process - Deliveries (F1704). | The Run Outbound Process (F1704) screen displays. |  |
| 3. | Select your Outbound Delivery Order | Select your outbound delivery order which should be printed. | You have new buttons to choose. |  |
| 4. | Print the Loading List | Choose Print loading List(1). | Loading list is automatically printed. |  |

## Post Goods Issue

Test Administration

Customer project: Fill in the project-specific parts.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case ID | <X.XX> | Tester Name |  | Testing Date | Enter a test date. |
| Business Role(s) |  | | | | |
| Responsibility | <State the Service Provider, Customer or Joint Service Provider and Customer> | | | Duration | Enter a duration. |

Purpose

This step is finalizing the outbound process via posting the done status.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log onto SAP Fiori Launchpad | Open the Fiori Launch Pad with the Warehouse Clerk (EWM). | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Open Fiori Run Outbound Process (F1704). | The Run Outbound Process (F1704) screen displays. |  |
| 3. | EWM: Post Goods Issue | Select your outbound delivery order and choose Goods Issue. | The Goods Issue is posted and has generated a Warehouse Material Document. |  |

# Appendix

## Access Code Handling

You can enter or scan external access codes in field Product/Access code during the packing process via App Pack Outbound Deliveries, and the system triggers the mapped internal access codes in the backend to perform actions.

The following external access codes are currently supported:

|  |  |
| --- | --- |
| External Access Code | Function |
| S\_CLOSE\_HU | Close HU |
| S\_CREATE\_HU | Create HU |
| S\_PACK\_ALL | Pack all product items |
| S\_PACK\_ITEM | Pack one product item |

## Attachment Handling

In the SAP S/4HANA Cloud, Attachment Service is a reusable user interface component which can be consumed by any FIORI application to attach documents. File attachments enable all kinds of media files being connected to business documents as additional information. For example, photos, videos, or documentation in form of plain text documents.

Use cases of the Attachment Service in the Cloud WM are the following, just to name a few:

* Inbound Process - Non-Acceptance of Delivery and Proof of SLA Violation
* Outbound Process - Visual Documentation of Complete and Error-free Packaging
* Outbound Process - Visual Documentation of Loading Security, Compliance to Regulations, SLAs

Attachment Service is an optional support feature for Cloud WM business objects. Attachments can be handled any time after the creation of an Cloud WM business object and any time before the end of the document’s lifecycle.

In this process you can use the following Fiori Apps to create, read, update or delete attachments:

* Run Outbound Process - Deliveries for Outbound Delivery Orders
* Warehouse Monitor for Outbound Delivery Orders or Handling Units respectively under nodes:
  + Outbound > Documents > Outbound Delivery Orders,

## Process Integration

The process to be tested in this test script is part of a chain of integrated processes.

### Preceding Processes

See the chapter Business Conditions [page 6].

### Succeeding Processes

The process to be tested in this test script is part of a chain of integrated processes. After completing the activities in this test script, You can continue testing the following business process to complete the end to end processes.

|  |  |
| --- | --- |
| Process | Business Condition |
| BD9 - Sell from Stock | Complete activities starting from chapter Create Billing Document described in the test script using the master data from this document. |
| BMK - Return to Supplier | Complete activities starting from chapter Create Credit Memo described in the test script of the scope item using the master data from this document. |
| BMC - Core Inventory Management | Complete activities starting from chapter Stock Overview - Single Material described in the test script of the scope item using the mas-ter data from this document. |
| BDA – Free of Charge Delivery | Complete activities starting from chapter Create Pro Forma Invoice described in the test script of the scope item using the master data from this document. |
| BKJ – Sales Order Processing with Customer Down Payment | Complete activities starting from chapter Change Sales Orders (Remove Billing Block) described in the test script of the scope item using the master data from this document. |

Typographic Conventions

|  |  |
| --- | --- |
| Type Style | Description |
| Example | Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options.  Textual cross-references to other documents. |
| Example | Emphasized words or expressions. |
| EXAMPLE | Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE. |
| Example | Output on the screen. This includes file and directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools. |
| Example | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation. |
| <Example> | Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system. |
| EXAMPLE | Keys on the keyboard, for example, F2 or ENTER. |

|  |
| --- |
|  |
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