|  |  |
| --- | --- |
|  |  |
| Test Script  SAP S/4HANA - 17-09-20 | public |
| Basic Warehouse Inbound Processing from Supplier (1FS\_DE) |

Table of Contents

[1 Purpose 3](#_Toc51220353)

[2 Prerequisites 4](#_Toc51220354)

[2.1 System Access 4](#_Toc51220355)

[2.2 Roles 4](#_Toc51220356)

[2.3 Master Data, Organizational Data, and Other Data 4](#_Toc51220357)

[2.4 Business Conditions 7](#_Toc51220358)

[2.5 RFUI Handling – Verification 7](#_Toc51220359)

[2.6 Preliminary Steps 8](#_Toc51220360)

[2.6.1 Create User Settings for Fiori App: Create Inbound Deliveries - Deliveries 8](#_Toc51220361)

[2.6.2 Create User Settings for Fiori Tile: Create Warehouse Tasks Handling Units 9](#_Toc51220362)

[2.6.3 Maintain User (for RFUI Processing) 9](#_Toc51220363)

[2.6.4 Data Sheet for IDs 11](#_Toc51220364)

[3 Overview Table 14](#_Toc51220365)

[4 Test Procedures 18](#_Toc51220366)

[4.1 Create Purchase Order 18](#_Toc51220367)

[4.2 Create EWM Inbound Delivery 20](#_Toc51220368)

[4.3 Putaway to the Mezzanine 22](#_Toc51220369)

[4.3.1 Process Goods Receipt 22](#_Toc51220370)

[4.3.2 Check Warehouse Orders (Optional) 25](#_Toc51220371)

[4.3.3 Putaway of Products 26](#_Toc51220372)

[4.4 Putaway to the High Rack Narrow Aisle 28](#_Toc51220373)

[4.4.1 Process Goods Receipt 28](#_Toc51220374)

[4.4.2 Check Warehouse Orders (Optional) 32](#_Toc51220375)

[4.4.3 Move Pallets from Staging Area to Handover Point 33](#_Toc51220376)

[4.4.4 Putaway of Products from the Handover Point to the High Rack Pallet Buffer 35](#_Toc51220377)

[4.5 Putaway to the Bulk Storage 38](#_Toc51220378)

[4.5.1 Process the Goods Receipt 38](#_Toc51220379)

[4.5.2 Check Warehouse Orders (Optional) 43](#_Toc51220380)

[4.5.3 Putaway of Products to Bulk Storage 44](#_Toc51220381)

[4.6 Putaway from Clarification Zone 47](#_Toc51220382)

[4.6.1 Process Goods Receipt 47](#_Toc51220383)

[4.6.2 Move Products to Clarification Zone 50](#_Toc51220384)

[4.6.3 Repack at the Clarification Zone 52](#_Toc51220385)

[4.6.4 Create Warehouse Tasks to Move Handling Units from the Clarification Zone 54](#_Toc51220386)

[4.6.5 Move Products from Clarification Zone to Mezzanine 56](#_Toc51220387)

[4.7 Check Inbound Delivery (Optional) 58](#_Toc51220388)

[4.8 Appendix 59](#_Toc51220389)

[4.8.1 Warehouse Management Monitor Handling 59](#_Toc51220390)

[4.8.2 Succeeding Processes 61](#_Toc51220391)

# Purpose

In this process, differently packed goods received from suppliers are put away to final storage bins in the warehouse. For example, full pallets go to the high rack narrow aisle while cartons or pieces of the product would go to the mezzanine. Large parts are routed to the Bulk Storage. During putaway, you might use a handover point due to the physical constraints of the high rack narrow aisle, where only a specialized high-level truck can reach all levels. The destination storage type for putaway is partially determined by the product's Putaway Control Indicator (PACI). If a product is missing the PACI or there is insufficient space in the storage type, it is moved to a clarification zone. You get full RF/mobile device support throughout the process.

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 |  |
| Purchaser | SAP\_BR\_PURCHASER | Operational Purchasing | SAP\_BR\_PURCHASER |  |
| Receiving Specialist | SAP\_BR\_RECEIVING\_SPECIALIST | Receiving | SAP\_BR\_RECEIVING\_SPECIALIST |  |

## Master Data, Organizational Data, and Other Data

Default Values

The organizational structure and master data of your company was created in an SAP S/4HANA system during implementation. The organizational structure reflects the structure of an example company. The master data represents materials, customers, and suppliers, depending on the operational focus of the demonstrated processes.

The business process is enabled with this organization-specific master data. Examples are provided in the next section.

Use the following master data in the process steps described in this document:

Product Master Data:

|  |  |  |  |
| --- | --- | --- | --- |
| Value | UoM | EAN | Description |
| EWMS4-01 | 1 PAL  =6 CAR  =48 PC | 9783836214230 (CAR) | Small Part, Slow-Moving Item |
| EWMS4-02 | 1 PAL  =8 CAR  =192 PC | 9783836218122 (CAR) | Small Part, Fast-Moving Item |
| EWMS4-10 | 1 PAL  =4 PC | 9781592292868 (PC) | Large Part, Slow-Moving Item |
| EWMS4-11 | 1 PAL  =6 PC | 9781592294091 (PC) | Large Part, Fast-Moving Item |
| EWMS4-40 | 1 PAL=360 PC | 9781592294121(CAR) | Product for Bulk Storage A, Short Lane |
| EWMS4-41 | 1 PAL=480 PC | 9781592294497(CAR) | Product for Bulk Storage A, Long Lane |
| EWMS4-42 | 1 PAL=6 PC | 9781592293858(PC) | Product for Bulk Storage B |

Packaging Material Master Data:

|  |  |  |  |
| --- | --- | --- | --- |
| Value | UoM | EAN | Description |
| EWMS4-PAL00 | PC |  | EWM Default Pallet with SSCC generation |
| EWMS4-PAL01 | PC |  | US Pallet with SSCC generation |
| EWMS4-STOCON00 | PC |  | EWM Default Storage Container / Box |
| EWMS4-WBTRO00 | PC |  | EWM Default Wire Basket Trolley |

Supplier Master Data:

|  |  |
| --- | --- |
| Supplier | Description |
| EWM10-SU01 | EWM Supplier 01 |

Organizational Master Data in the SAP S/4HANA System:

|  |  |  |  |
| --- | --- | --- | --- |
| Org. Master Data | Value | Master Data Details | Comments |
| Company Code | 1010 |  |  |
| Purchasing Organization | 1010 |  |  |
| Purchasing Group | 002 |  |  |
| Plant | 1010 |  |  |
| Storage Location | 101D | Received on Dock |  |
| ERP Warehouse Number | 101 |  |  |
| Receiving Point | 1010 |  |  |

Warehouse Specific Organizational Master Data:

|  |  |  |  |
| --- | --- | --- | --- |
| Org. Master Data | Value | Master Data Details | Comments |
| Supply Chain Unit | YWAREHOUSE-1010 |  |  |
| EWM Warehouse Number | 1010 |  |  |
| Custodian | BP1010 |  |  |
| Entitled to Dispose | BP1010 |  |  |
| Goods Receipt Office | YWAREHOUSE-1010 |  |  |

Warehouse-Specific Master Data:

|  |  |  |  |
| --- | --- | --- | --- |
| Org. Data | Value | Org. Data Details | Comments |
| Storage Type | Y001 | Narrow Aisle High Rack Hand-Over Point |  |
| Storage Type | Y011 | Narrow Aisle High Rack Pallet Buffer |  |
| Storage Type | Y021 | Mezzanine |  |
| Storage Type | Y041 | Bulk Storage A (Partial Pallets Allowed) |  |
| Storage Type | Y042 | Bulk Storage B (No Partial Pallets) |  |
| Storage Type | Y052 | Picking Area for Bulk B (Fixed Bin) |  |
| Storage Type | Y910 | Inbound Staging Area |  |
| Storage Type | Y930 | Doors |  |
| Storage Type | Y970 | Clarification Zone |  |

## Business Conditions

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

|  |  |
| --- | --- |
| Scope Item | Business Condition |
| BNZ Create New Open MM Posting Period | You have completed the step described in the Create New Open MM Posting Period master data script. Posting Period is up to date. |

## RFUI Handling – Verification

During the execution of various warehouse tasks (putaway, picking or internal movement etc.) using the RFUI environment, there are steps to ‘verify’ certain values, such as Destination Bin, Packaging Material or Handling Units. To execute this kind of steps, copy the value to be verified and paste into the verification field next to the original value field, and choose Enter to confirm.

## Preliminary Steps

### Create User Settings for Fiori App: Create Inbound Deliveries - Deliveries

Use

In this step, you set up user settings that are necessary for the Fiori App Create Inbound Deliveries - Deliveries (F1705).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2. | Access the App | Choose Create Inbound Deliveries - Deliveries (F1705). |  |  |
| 3. | Close the message Box | In case, there is an error message Before you start work, please set the default warehouse.  Choose Close. |  |  |
| 4. | Set Default Parameters | In the dialog box Default Parameters, make the following entry :  Warehouse Number: 1010  Choose Save. |  |  |

### Create User Settings for Fiori Tile: Create Warehouse Tasks Handling Units

Use

In this step, you set up user settings that are necessary for Fiori Tile: Create Warehouse Tasks - Handling Units (/SCWM/ADHU).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2. | Log On to the App | Choose Home on top of the screen to open All My Apps list.  In the App list, choose EWM - Work Scheduling and then choose Create Warehouse Tasks - Handling Units (/SCWM/ADHU). |  |  |
| 3. | Set Default Values | Choose Default Values.  Enter the following data :  Warehouse Number : 1010  Whse Proc. Type : Y123  Choose Continue. |  |  |

### Maintain User (for RFUI Processing)

With this setting, you can assign your logon user to a resource used in the RF (Radio Frequency) processing. By doing this, you do not need to make entries in the input fields in Fiori App Test RF Environment (/SCWM/RFUI) every time you access the RF processing. You can easily change the resource of the process requires it.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Logon | Open the SAP Fiori launchpad with the Warehouse Operative (EWM) role. | The SAP Fiori launchpad is displayed. |  |
| 2. | Access the App | Choose Home on top of the screen to open All My Apps list.  In the App list, choose EWM - Settings RF and then choose Maintain User Settings - Radio Frequency (/SCWM/USER). |  |  |
| 3. | Switch to Change Mode | On the Display View User Settings for Radio Frequency screen, choose Edit (Ctrl + F1) to switch to the edit mode. |  |  |
| 4. | Create New Entries | On the Change View User Settings for Radio Frequency screen, choose New Entries.  On the New Entries: Overview of Added Entries screen, enter the following data:  User: Your logon User  Prsn. Prof. : \*\*  Warehouse Number :1010  Resource: <Y…-#>  Note Choose a resource value, one you often use or the resource that you usually use when starting your pro-cesses. Apart from the process-step specific resource documented in every process step, all RF-based process steps can operate when your use the “generic” YALL-1 resource. |  |  |
| 5. | Save the data | Choose Save.  Choose Back. |  |  |

### Data Sheet for IDs

Use

In order to facilitate working through the process steps, you can print the following table and note down all IDs you create:

Procedure

Purchase Order to Supplier

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Object | Value | Comment |
| 4.1 | 1st Purchase Order for putaway to the Mezzanine |  |  |
|  | 2nd Purchase Order for putaway to the High Rack Narrow Aisle |  |  |
|  | 3rd Purchase Order for putaway to the Bulk Storage |  |  |
|  | 4th Purchase Order for Putway from Clarification Zone |  |  |
| 4.2 | ASN Number / Supplier’s Delivery Note for 1st PO |  |  |
|  | ASN Number / Supplier’s Delivery Note for 2nd PO |  |  |
|  | ASN Number / Supplier’s Delivery Note for 3rd PO |  |  |
|  | ASN Number / Supplier’s Delivery Note for 4th PO |  |  |
|  | Inbound Delivery ID for 1st PO |  |  |
|  | Inbound Delivery ID for 2nd PO |  |  |
|  | Inbound Delivery ID for 3rd PO |  |  |
|  | Inbound Delivery ID for 4th PO |  |  |

Handling Units

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Object | Value | Comment |
| 4.3.1 | Handling Unit ID  SSCC numbering |  | For product EWMS4-01 in cartons (For example, 2 CAR) |
| 4.4.1 | Handling Unit ID  Internal numbering |  | For product EWMS4-10 in a full pallet (For example, 4 PC) |
|  | Handling Unit ID  Internal numbering |  | For product EWMS4-10 in a full pallet (For example, 4 PC) |
|  | Handling Unit ID  SSCC numbering |  | For product EWMS4-11 in a full pallet (For example, 6 PC) |
| 4.5.1 | Handling Unit ID  SSCC numbering |  | For product EWMS4-40 in a full pallet (For example, 36 CAR) |
|  | Handling Unit ID  SSCC numbering |  | For product EWMS4-40 in a full pallet (For example, 36 CAR) |
|  | Handling Unit ID  SSCC numbering |  | For product EWMS4-41 in a full pallet (For example, 48 CAR) |
|  | Handling Unit ID  SSCC numbering |  | For product EWMS4-42 in a full pallet (For example, 6 PC) |
|  | Handling Unit ID  SSCC numbering |  | For product EWMS4-42 in a full pallet (For example, 6 PC) |
| 4.6.1 | Handling Unit ID  Internal numbering |  | For product EWMS4-02 in cartons (For example, 5 CAR) |

Handling Units after Repacking in the Clarification Zone

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Object | Value | Comment |
| 4.6.3 | Handling Unit ID  Internal numbering |  | For product EWMS4-02 with 4 CAR after repacking. |
|  | Handling Unit ID  Internal numbering |  | For product EWMS4-02 with 1 CAR after repacking. |

You can also use the Warehouse Management Monitor to find the HU IDs.

For more information, refer to Warehouse Management Monitor Handling in the Appendix.

# Overview Table

The steps in the system, especially the transaction codes with additional explanations, are listed below:

Putaway of products to the Mezzanine:

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction /App | Expected Results |
| [Create Purchase Order](#unique_14) [page ] 18 | Purchaser | Create Purchase Order - Advanced (ME21N) | Purchase order created and distributed to vendor. |
| [Create EWM Inbound Delivery](#unique_15) [page ] 20 | Warehouse Clerk (EWM) | Create Inbound Deliveries - Deliveries (F1705) | The inbound delivery is created with reference to the PO created in SAP S/4HANA system. |
| [Process Goods Receipt](#unique_16) [page ] 22 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The goods receipt is posted by function “Receiving of Handling Units by ASN”.  HUs are created for various products. Therefore, the user enters an HU ID (preprinted) and the packaging material. The quantity is entered during goods receipt.  Goods receipt is then booked and distributed to SAP S/4HANA. |
| [Check Warehouse Orders (Optional)](#unique_17) [page ] 25 | Warehouse Clerk (EWM) | Warehouse Monitor (/SCWM/MON) | Check the WO assignment to Inbound RF queues. |
| [Putaway of Products](#unique_18)  [page ] 26 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Putaway WTs are confirmed in RF and System Guidance by Queue is used for putaway.  Goods are moved from staging area to Mezzanine. |
| [Check Inbound Delivery (Optional)](#unique_19) [page ] 58 | Receiving Specialist | Display Inbound Delivery (VL33N) | All inbound delivery items should have been updated and the correct stock posting situation has been documented.  In addition, you can check the stock situation in stock overview. |

Putaway of products to the High Rack Narrow Aisle:

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction Code/APP | Expected Results |
| [Create Purchase Order](#unique_14) [page ] 18 | Purchaser | Create Purchase Order - Advanced (ME21N) | Purchase order created and distributed to vendor. |
| [Create EWM Inbound Delivery](#unique_15) [page ] 20 | Warehouse Clerk (EWM) | Create Inbound Deliveries - Deliveries (F1705) | The inbound delivery is created with reference to the PO created in SAP S/4HANA sys-tem. |
| [Process Goods Receipt](#unique_16) [page ] 22 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The goods receipt is posted by function “Receiving of Handling Units by ASN”.  HUs are created for various products. Therefore, the user enters an HU ID (preprinted) and the packaging material. The quantity is entered during goods receipt.  Goods receipt is then booked and distributed to SAP S/4HANA. |
| [Check Warehouse Orders (Optional)](#unique_17) [page ] 25 | Warehouse Clerk (EWM) | Warehouse Monitor (/SCWM/MON) | Check the WO assignment to Inbound RF queues. |
| [Move Pallets from Staging Area to Handover Point](#unique_20) [page ] 33 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Goods are moved from staging area to Handover Point. |
| [Putaway of Products from the Handover Point to the High Rack Pallet Buffer](#unique_21) [page ] 35 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Putaway WTs are confirmed in RF and System Guidance by Queue is used for putaway.  Goods are moved from staging area to High Rack Pallet Buffer. |
| [Check Inbound Delivery (Optional)](#unique_19) [page ] 58 | Receiving Specialist | Display Inbound Delivery (VL33N) | All inbound delivery items should have been updated and the correct stock posting situ-ation has been documented.  In addition, you can check the stock situation in stock overview. |

Putaway of products to the Bulk Storage:

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction /App | Expected Results |
| [Create Purchase Order](#unique_14) [page ] 18 | Purchaser | Create Purchase Order - Advanced (ME21N) | Purchase order created and distributed to vendor. |
| [Create EWM Inbound Delivery](#unique_15) [page ] 20 | Warehouse Clerk (EWM) | Create Inbound Deliveries - Deliveries (F1705) | The inbound delivery is created with reference to the PO created in SAP S/4HANA sys-tem. |
| [Process Goods Receipt](#unique_16) [page ] 22 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The goods receipt is posted by function “Receiving of Handling Units by ASN”.  HUs are created for various products. Therefore, the user enters an HU ID (preprinted) and the packaging material. The quantity is entered during goods receipt.  Goods receipt is then booked and distributed to SAP S/4HANA. |
| [Check Warehouse Orders (Optional)](#unique_17) [page ] 25 | Warehouse Clerk (EWM) | Warehouse Monitor (/SCWM/MON) | Check the WO assignment to Inbound RF queues. |
| [Putaway of Products](#unique_18)  [page ] 26 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Putaway WTs are confirmed in RF and System Guidance by Queue is used for putaway.  Goods are moved from staging area to Mezzanine.  Goods are moved from staging area to Mezzanine. |
| [Putaway of Products from the Handover Point to the High Rack Pallet Buffer](#unique_21) [page ] 35 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Putaway WTs are confirmed in RF and System Guidance by Queue is used for putaway.  Goods are moved from staging area to High Rack Pallet Buffer. |
| [Check Inbound Delivery (Optional)](#unique_19) [page ] 58 | Receiving Specialist | Display Inbound Delivery (VL33N) | All inbound delivery items should have been updated and the correct stock posting situ-ation has been documented.  In addition, you can check the stock situation in stock overview. |

Putaway of products from Clarification Zone:

|  |  |  |  |
| --- | --- | --- | --- |
| Process Step | Business Role | Transaction /App | Expected Results |
| [Create Purchase Order](#unique_14) [page ] 18 | Purchaser | Create Purchase Order - Advanced (ME21N) | Purchase order created and distributed to vendor. |
| [Create EWM Inbound Delivery](#unique_15) [page ] 20 | Warehouse Clerk (EWM) | Create Inbound Deliveries - Deliveries (F1705) | The inbound delivery is created with reference to the PO created in SAP S/4HANA system. |
| [Process Goods Receipt](#unique_16) [page ] 22 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | The goods receipt is posted by function “Receiving of Handling Units by ASN”.  HUs are created for various products. Therefore, the user enters an HU ID (preprinted) and the packaging material. The quantity is entered during goods receipt.  Goods receipt is then booked and distributed to SAP S/4HANA. |
| [Move Products from Clarification Zone to Mezzanine](#unique_22) [page ] 56 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Check the WO assignment to Inbound RF queues. |
| [Repack at the Clarification Zone](#unique_23) [page ] 52 | Warehouse Clerk (EWM) | Pack Handling Units (/SCWM/PACK) | Products are repacked into the correct packaging materials. |
| [Create Warehouse Tasks to Move Handling Units from the Clarification Zone](#unique_24) [page ] 54 | Warehouse Clerk (EWM) | Create Warehouse Tasks - Handling Units (/SCWM/ADHU) | Ad-hoc warehouse tasks for the movement of the product from the clarification zone to the final storage bin are created. |
| [Move Products from Clarification Zone to Mezzanine](#unique_22) [page ] 56 | Warehouse Operative (EWM) | Test RF Environment (/SCWM/RFUI) | Products are moved from the clarification zone to the final storage. |
| [Check Inbound Delivery (Optional)](#unique_19) [page ] 58 | Receiving Specialist | Display Inbound Delivery (VL33N) | All inbound delivery items should have been updated and the correct stock posting situation has been documented.  In addition, you can check the stock situation in stock overview. |

# Test Procedures

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

## Create Purchase Order

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. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1. | Log on | Open the Fiori Launch Pad with the Purchaser role. | The Fiori launchpad is displayed. |  |
| 2. | Access the App | Open Create Purchase Order - Advanced (ME21N). | The Create Purchase Order screen is displayed. |  |
| 3. | Enter Head Data | Enter the following data :  Order Type : Standard PO  Vendor: EWM10-SU01  Doc.date : Current date  If the Header data is not visible, choose Expand Header .  Choose the Org.Data tab page.  Enter the following data :  Purchasing Org : 1010  Purchasing Group : 002  Company Code : 1010 |  |  |
| 4. | Enter Default Value for Item Data | If the Item Overview is not visible, choose Expand Items.  Choose Default Values (lower screen area!) .  The Item Default Values dialog box appears, make the following entries:  Plant : 1010  Storage Location : 101D  Choose Save. |  |  |
| 5. | Enter Data for the 1st Item | Enter the following data :  Material: See Table 1 at the end of this table  PO Quantity: See Table 1 at the end of this table  OUn : See Table 1 at the end of this table  Note Pay attention to the destination storage for your selected entry. You then follow the different chapters to execute the putaway process. |  |  |
| 6 | Enter Confirmation Control | Choose the Confirmations tab page.  Enter the following data:  Conf. Control: Inbound Delivery,  then choose Enter. |  |  |
| 7 | Save Purchase Order | Choose Enter.  Check and correct the entries for error messages if there are any.  Choose Save.  Note down the standard PO for later use. | A new Purchase Order is created. |  |
| 8 | Repeat the steps | Repeat the steps 3-6 for other POs. |  |  |

Table 1:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Purchase Order | Item | Material | PO Quantity | OUn | Destination Storage | Note |
| 1st PO | 10 | EWMS4-01 | 2 | CAR | Mezzanine |  |
| 2nd PO | 10 | EWMS4-10 | 8 | PC | High Rack Pallet Buffer | 2 Pallets |
| 20 | EWMS4-11 | 6 | PC | High Rack Pallet Buffer | 1 Pallet |
| 3rd PO | 10 | EWMS4-40 | 72 | CAR | Product for Bulk Storage A, Short Lane (Partial Pallet Al-lowed) | 2 Pallets |
| 20 | EWMS4-41 | 48 | CAR | Product for Bulk Storage A, Long Lane (Partial Pallet Allowed) | 1 Pallets |
| 30 | EWMS4-42 | 12 | PC | Product for Bulk Storage B (Partial Pallet not allowed) | 2 Pallets |
| 4th PO | 10 | EWMS4-02 | 5 | CAR | Clarification Zone | Exceeds the bin volume in the mezzanine |

## Create EWM Inbound Delivery

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

Upon creation of the inbound delivery, the external delivery note IDN (ASN) is entered and later used as reference criterion for Goods Receipt.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Open Create Inbound Deliveries - Deliveries (F1705) |  |  |
| 3 | Enter the Selection Data | Enter following Data  Vendor:: EWM10-SU01s  Planned Dlv. Date :  Start Date = Today – 1 Day  End Date = Today + 1 Month  Choose Go. |  |  |
| 4 | Choose the Purchase Order | Choose on the purchase order you have created. | The purchase order items are shown in the item list. |  |
| 5 | Enter the ASN number | Enter following Data  ASN: For example, ASN-45-#### where #### are the last "significant" digits of the corresponding Purchase Order ID. Example: ASN-45-0031  Note Here is an example. Normally the ASN number comes from supplier. |  |  |
| 6 | Select all the items | Mark the check box on the left hand side of column Product | All the items are selected. |  |
| 7 | Create Delivery | ChooseCreate Delivery.  Note the ID of the Inbound Delivery on your ID sheet.  Note the ASN (Delivery Note) Number on your ID sheet. |  |  |

## Putaway to the Mezzanine

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

An operator with an RF device picks up the storage containers from the GR zone (for example, the HU containing 1 CAR of product EWMS4-01) and moves it to the Mezzanine. At the destination bin, the operator scans the bin, packs the cartons into the bin, and then returns the empty storage container to the GR zone.

The HU that contains 1 CAR of small part EWMS4-01 is to be put away to the Mezzanine. The putaway Warehouse Task is to be confirmed in the Radio Frequency environment. You use the queue or Handling Unit number to search for the putaway warehouse task.

### Process Goods Receipt

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

The warehouse operators at the inbound staging area are equipped with:

* an RF device
* a roll of pre-printed and barcoded HU labels

They are responsible for labeling and – if necessary – repacking the items (in real life but not supported by system functions), then posting goods receipt and creating subsequent putaway warehouse tasks in the system.

The system’s putaway strategy takes into account the “quantity classification” (that is, the system checks whether the actual quantity of a HU is a pallet or carton quantity via the product master’s conversion factors):

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launchpad with the Warehouse Operative (EWM) role. | The Fiori Launchpad is displayed. |  |
| 2 | Log on to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YREC-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu for Goods Receipt | Choose 03 Inbound Processes > 04 Receiving of Handling Units > 04 Rec. HU by ASN . |  |  |
| 5 | Enter ASN number | Enter the ASN number from step 4.2.  Choose Enter twice. |  |  |
| 6 | Enter Goods Receipt Data for EWMS4-01 | Choose F2 NewHU. And enter the following values for the item:  Prod.: 9783836214230  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically).  ActQty: 2  UoM: CAR  Choose F1 Next.  Note Alternatively, you can enter the product ID EWMS4-01. | System automatically allocates the material EWMS4-01 via its EAN for Unit of Measure CAR.  Default UoM for the EAN number is filled automatically when using the EAN |  |
| 7 | Enter Packaging Material | Enter the packaging material:  New P.Mat.: EWMS4-STOCON00  Choose Enter. Note the HU ID created by the system on your ID sheet. |  |  |
| 8 | Post Goods Receipt | Choose Enter.  Choose F2 PGr.  Note The Unloaded field is automatically filled with X after choosing F2 PGr, meaning the unloading from truck to staging area is confirmed implicitly. | The Goods Receipt is now posted. |  |
| 9 | Create Warehouse Task | Choose F3 CrWT.  Note You could directly continue with the warehouse task confirmation dialog using F4 Conf, but in this example process the assumption is that this is done separately in the next process step by another warehouse operator/resource. | The Putaway Warehouse Task is created.  The system created put-away warehouse tasks which can now be processed by other operators/resources.  Put-away strategy for the two HUs containing the small part EWMS4-01:  The HU containing a full pallet quantity (here: 48 PC = 8 CAR = 1 PAL) is moved to the Narrow Aisle High Rack Pallet Buffer (via the handover point). |  |
| 10 | Logoff RFUI | Choose F7 four times to go back.  Select F1 Logoff.  Choose F1 Save. | All the goods have been packed (HUs created), unloaded and posted GR. If you followed the example process accurately, you have created 1 HU in total.  During the processing, HUs were created. All HUs are located in the GR zone at this point of time.  Fiori tile Pack Handling Units can be used to display the storage type Y910 (at the same time a work center) for an overview of the HUs located at the Goods Receipt Zone / Inbound Staging Area. In this view, you can also see the Putaway Warehouse which was created in the steps before. |  |

### Check Warehouse Orders (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

At this stage of the process, the goods receipt has been posted, and respectively, the warehouse tasks have been created to move Handling Units to the next stop. Those warehouse tasks can include the Mezzanine, the handover point for the High Rack Buffer, the Bulk Storage, and the clarification zone and so on. A supervisor may check the destinations of the HUs for an overview of the open workload.

Procedure

See the chapter [Warehouse Management Monitor Handling](#unique_27) [page ] 59 in the Appendix for details

### Putaway of Products

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

An operator with an RF device picks up the storage containers from the GR zone (for example, the HU containing 2 CAR of product EWMS4-01) and moves it to the Mezzanine. At the destination bin, the operator scans the bin, packs the cartons into the bin, and then returns the empty storage container to the GR zone.

The HU that contains 2 CAR of small part EWMS4-01 is to be put away to the Mezzanine. The putaway Warehouse Task is to be confirmed in the Radio Frequency environment. You use the queue or Handling Unit number to search for the putaway warehouse task.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM)role. | The Fiori Launch Pad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YMEZZ-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu | Choose 01 System Guided > 02 System Guided by Queue . |  |  |
| 5 | Enter Queue Name | In the Queue field, enter YI-910-021.  Note It is likely that in the System-Guided Selection, certain unfinished warehouse activities may appear instead of the expected task. If this is the case, choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU and enter the corresponding HU number in the HU field to process the task. |  |  |
| 6 | Enter HU | Enter the HU ID from step Process the Goods Receipt.  HU: For example, 8#######  The HU ID from the previous step, containing 2 CAR EWMS4-01. |  |  |
| 7 | Verify the Destination Bin | Verify the Dest.Bin (Destination Bin): 021.##.##.##  Choose Enter. | The warehouse tasks for the movement of the products in cartons/pieces from the staging area to the Mezzanine are now confirmed in the system. As soon as the final putaway is completed, the HU number is deleted in the system and the stock is located in the final destination bin.  The system automatically changes the stock type for this stock from in putaway (F1) to available for sale (F2). |  |
| 8 | Logoff RFUI | You can use the function key F7 to go back to the previous screens.  Choose F1 Logoff.  Choose F1 Save. |  |  |

## Putaway to the High Rack Narrow Aisle

### Process Goods Receipt

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

The warehouse operators at the inbound staging area are equipped with:

* an RF device
* a roll of pre-printed and barcoded HU labels

They are responsible for labeling and – if necessary – repacking the items (in real life but not supported by system functions), then posting goods receipt and creating subsequent putaway warehouse tasks in the system.

The system’s putaway strategy takes into account the “quantity classification” (that is, the system checks whether the actual quantity of a HU is a pallet or carton quantity via the product master’s conversion factors):

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launchpad with the Warehouse Operative (EWM) role. | The Fiori Launchpad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YREC-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu for Goods Receipt | Choose 03 Inbound Processes > 04 Receiving of Handling Units > 04 Rec. HU by ASN . |  |  |
| 5 | Enter ASN number | Enter the ASN number from step 4.2  Choose Enter twice. |  |  |
| 6 | Enter Goods Receipt Data for 4 PC of EWMS4-10 | Choose F2 NewHU.  Enter the following values for the item.  Prod.: 9781592292868  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically):  ActQty: 4  UoM: PC  Choose F1 Next.  Note Alternatively, you can enter the product ID EWMS4-10 |  |  |
| 7 | Enter Packaging Material | Enter the packaging material:  New P.Mat.: EWMS4-PAL00  Choose Enter.  Note the HU ID (SSCC numbering) created by the system on your ID sheet. |  |  |
| 8 | Post Goods Receipt | Choose Enter.  Choose F2 PGr. | The Goods Receipt is now recorded. |  |
| 9 | Create Warehouse Task | Choose F3 CrWT.  Choose F7 to go back. | The Putaway Warehouse Task is created.  Put-away strategy for the HU containing the large parts EWMS4-10 :  The HU with the large parts EWMS4-10 is always moved to the Narrow Aisle High Rack Pallet Buffer (via the handover point). |  |
| 10 | Post Goods Receipt for 2nd HU for EWMS4-10 with 4 PCs | Repeat step 6 – 9 and create the 2nd HU for  Product: EWMS4-10  Quantity: (again with) 4 PC |  |  |
| 11 | Enter Goods Receipt Data for 6 PC of EWMS4-11 | Choose F2 NewHU.  Enter the following values for the item.  Prod.: 9781592294091  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically):  ActQty: 6  UoM: PC  Choose F1 Next.  Note Alternatively, you can enter the product ID EWMS4-11 |  |  |
| 12 | Enter Packaging Material | Enter the packaging material:  New P.Mat,.: EWMS4-PAL00  Choose Enter.  Note the HU ID (SSCC numbering) created by the system on your ID sheet. |  |  |
| 13 | Post Goods Receipt | Choose Enter.  Choose F2 PGr. | The Goods Receipt is now recorded. |  |
| 14 | Create Warehouse Task | Choose F3 CrWT. | The Putaway Warehouse Task is created.  Put-away strategy for the HU containing the large parts EWMS4-11:  The HU with the large parts EWMS4-11 is always moved to the Narrow Aisle High Rack Pallet Buffer (via the handover point). |  |
| 15 | Logoff RFUI | Choose F7 four times to go back.  Choose F1 Logoff.  Choose F1 Save. | All the goods have been packed (HUs created), unloaded and posted GR. If you followed the example process accurately, you have created 3 HUs in total.  During the processing, HUs were created. All HUs are located in the GR zone at this point of time.  Fiori tile Pack Handling Units can be used to display the storage type Y910 (at the same time a work center) for an overview of the HUs located at the Goods Receipt Zone / Inbound Staging Area. In this view, you can also see the Putaway Warehouse which was created in the steps before.  For those HUs which are finally put away in the Narrow Aisle Pallet Buffer, the system already created 2 warehouse tasks as there is an intermediate step via the handover point. As long as the task to move the HUs from the inbound staging area to the handover point is not yet confirmed, the final putaway task with destination storage type Y011 is in status B – Waiting.  At the same time, you can display the inbound delivery along with the created warehouse tasks and Handling Units in the Warehouse Monitor APP ( Inbound > Documents > Inbound Delivery ). |  |

### Check Warehouse Orders (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

At this stage of the process, the goods receipt has been posted, and respectively, the warehouse tasks have been created to move Handling Units to the next stop. Those warehouse tasks can include the Mezzanine, the handover point for the High Rack Buffer, the Bulk Storage , and the clarification zone and so on. A supervisor may check the destinations of the HUs for an overview of the open workload.

Procedure

See the chapter Warehouse Management Monitor Handling in the Appendix for details.

### Move Pallets from Staging Area to Handover Point

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

Before pallets are finally put away to the Narrow Aisle High Rack Storage, an operator first has to move them to the handover point (a handover point is an interim storage type physically located adjacent to or attached to the High Rack Storage).

The operator confirms the putaway warehouse tasks using the Radio Frequency environment. You use either Queue or Handling Unit number to search for the putaway warehouse task.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the  Warehouse Operative (EWM)  role. | The Fiori Launch Pad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YLLTR-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu | Choose 01 System Guided > 02 System Guided by Queue . |  |  |
| 5 | Enter Queue Name | In the Queue field, enter YI-910-001.  Choose Enter.  All HUs from this step which are a “Pallet Handling Unit” are moved to the High Rack handover point in this process step.It is likely that in the System-Guided Selection, certain unfinished warehouse activities may appear instead of the expected task. If this is the case, choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU and enter the corresponding HU number in the HU field to process the task. |  |  |
| 6 | Enter HU | Enter the HU ID from Check Warehouse Orders :  HU : 12345678#######Choose Enter.  The HU ID from the previous step, containing 4 CAR (= 1 PAL) EWMS4-10. |  |  |
| 7 | Verify the Destination Bin | Verify the Dest.Bin (destination bin) field.  Note the storage bin on the ID sheet.  Choose Enter.  Note Low-level trucks first move the pallets from the staging area to storage type Y001 (handover point) before they are finally put away to the storage type Y011 (High Rack Storage). For example, a pallet being put away to Y001 – 02IN – 001.02.00 means it is put away to storage Y001, storage section 02IN (Incoming section for aisle 02) and storage bin 001.02.00, which is the storage bin assigned to the specific storage type and storage section combination. Y001 – 01IN – 001.01.00 means the incoming section for aisle 01. |  |  |
| 8 | Repeat Steps | Repeat steps 4-7 three times.   * for the another HU of product EWMS4-10. and * the HU product EWMS4-11. Take a note of the storage bins. | Note The warehouse tasks for the movement of goods in pallets from the staging area to the handover point are confirmed. The previously inactive WT for putaway from handover point to High Rack storage is now active. |  |
| 9 | Logoff RFUI | After you have processed all the HUs, use function key F7 to go back to previous screens.  Choose F1 Logoff.  Choose F1 Save. |  |  |

### Putaway of Products from the Handover Point to the High Rack Pallet Buffer

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

The HUs are situated at the handover points of the different aisles. An operator (using a high-level truck) picks up the HUs at the handover point and moves them to their destination bins in the upper level of the pallet rack.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the  Warehouse Operative (EWM)  role. | The Fiori Launch Pad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource:  YHLTR01-1  For putaway in aisle 01  YHLTR02-1  For putaway in aisle 02  DefPresDvc: YE00  Choose Enter.  Note Use resource high-level truck YHLTR01-1 for putting away pallets from the handover point to the first aisle of the High Rack Buffer;  Use YHLTR02-1 for putting away pallets to the second aisle.  Check your data sheet to find out which aisle your pallets go to. |  |  |
| 4 | Choose Menu | Choose 01 System Guided > 02 System Guided by Queue . |  |  |
| 5 | Enter Queue Name | In the Queue field, enter the following:   * YI-001-N01   in case the putaway is intended in a bin of aisle 01 with resource YHLTR01-1.   * YI-001-N02   In case the putaway is intended in a bin of aisle 02 with resource YHLTR02-1.  Choose Enter.  Note Which queue is to be used depends on to which aisle the pallets are to be put away. Check your data sheet to find out.It is likely that in the System-Guided Selection, certain unfinished warehouse activities may appear instead of the expected task. If this is the case, choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU and enter the corresponding HU number in the HU field to process the task. |  |  |
| 6 | Verify the Source HU | Verify the Source HU field by entering the HU number for the pallet to be put away to the first aisle of the High Rack Storage.  Choose Enter. |  |  |
| 7 | Verify the Destination Bin | Verify the Dest.Bin (Destination Bin): 011.##.##.##  Choose Enter. |  |  |
| 8 | Repeat Steps | Repeat step 6-7 for the remaining warehouse tasks to put away pallets to the first aisle of the High Rack Storage. |  |  |
| 9 | Logoff RFUI | You can use function key F7 to go back to previous screens.  Choose F1 Logoff.  Choose F1 Save. |  |  |
| 10 | Repeat Steps | Log on to the Test RF environment using resource YHLTR02-1 and execute using queue YI-001-N02 as described in steps 3-8 to accomplish the warehouse tasks for the second aisle.  Note Ideally, the operators in the two aisles work in the RF environment and are system-guided. This way, the system can ensure that after a putaway task, the operator performs a replenishment/picking task instead of returning (without a HU) to the handover point for the next putaway.  -> Task interleaving is activated for these queues  The putaway tasks for your inbound delivery will end up in both aisles (due to cross-line putaway strategy).The warehouse tasks for the movement of the goods in pallets from the handover point into to the High Rack Storage of both aisles are confirmed.  The HU information for the pallets is kept in the system. The physical stock is now “available for sale” (c.f. stock type F2). |  |  |

## Putaway to the Bulk Storage

### Process the Goods Receipt

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. |

Context

The warehouse operators at the inbound staging area are equipped with:

* an RF device
* a roll of pre-printed and barcoded HU labels

They are responsible for labeling and – if necessary – repacking the items (in real life but not supported by system functions), then posting goods receipt and creating subsequent putaway warehouse tasks in the system.

* For the material EWMS4-40, two handling units with 36 CAR (= 1 PAL) for each HU/pallet are put away in the short lane of the storage type Y041Bulk Storage A.
* For the material EWMS4-41, one handling unit / pallet with 48 CAR ((= 1 PAL) are put away in the long lane of the storage type Y041Bulk Storage A.
* For the material EWMS4-42, two handling units with a quantity of 6 EA (= 1 PAL) for each HU / pallet are put away in the storage typeY042Bulk Storage B.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launchpad with the Warehouse Operative (EWM) role. | The Fiori Launchpad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YREC-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu for Goods Receipt | Choose 03 Inbound Processes > 04 Receiving of Handling Units > 04 Rec. HU by ASN . |  |  |
| 5 | Enter ASN number | Enter the ASN number from step 4.2  Choose Enter twice. |  |  |
| 6 | Enter Goods Receipt Data for 36 CAR of EWMS4-40 | Choose F2 NewHU.  Enter the following values for the item.  Prod.: 9781592294121  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically):  ActQty: 36  UoM: CAR  Choose F1 Next.  Alternatively, you can enter the product ID EWMS4-40  Make sure you enter 36CAR (the 72 CAR from the PO item are physically split up into two full-pallets /HUs) |  |  |
| 7 | Enter Packaging Material | Enter the packaging material:  New P.Mat.: EWMS4-PAL00  Choose Enter.  Note the HU ID (SSCC numbering) created by the system on your ID sheet.  The packaging material’s HU Type is one factor that determines how many pallets set a bulk lane to “full” |  |  |
| 8 | Post Goods Receipt | Choose Enter.  Choose F2 PGr. | The Goods Receipt is now recorded. |  |
| 9 | Create Warehouse Task | Choose F3 CrWT.  Choose F7 to go back.  You could directly continue with the warehouse task confirmation dialog using F4 Conf, but in this example process the assumption is that this is done separately in the next process step by another warehouse operator/resource. | The Putaway Warehouse Task is created.  Put-away strategy for the HU containing the large parts EWMS4-10 :  The HU with the large parts EWMS4-10 is always moved to the Narrow Aisle High Rack Pallet Buffer (via the handover point). |  |
| 10 | Repeat Steps for Goods Receipt of another 36 CARs of EWMS4-40 | Repeat Step 6 to 9 and create the second HU for  Product: EWMS4-40  Quantity: (again with) 36 CAR |  |  |
| 11 | Enter Goods Receipt Data for 48 CARs of EWMS4-41 | Choose F2 NewHU.  Enter the following values for the item.  Prod.: 9781592294497  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically)  Alternatively, you can enter the product ID <EWMS4-41>  ActQty: 48  UoM: CAR  Choose F1 Next.  Default UoM for the EAN number that is filled automatically when using the EAN. |  |  |
| 12 | Enter Packaging Material | Enter the packaging material:  New P.Mat.: EWMS4-PAL01  Choose Enter.  Note the HU ID (SSCC numbering) creat-ed by the system on your ID sheet. |  |  |
| 13 | Post Goods Receipt | Choose Enter.  Choose F2 PGr. | The Goods Receipt is now recorded. |  |
| 14 | Create Warehouse Task | Choose F3 CrWT.  Choose F7 to go back. | The Putaway Warehouse Task is created. |  |
| 15 | Enter Goods Receipt Data for 6 PCs of EWMS4-42 | Choose F2 NewHU  Enter the following values for the item.  Prod.: 9781592293858  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically)  Alternatively, you can enter the product ID <EWMS4-42>  ActQty:6  UoM:PC  Choose F1 Next.  Default UoM for the EAN number that is filled automatically when using the EAN.  Make sure you enter 6 PC (the 12 PC from the PO item are physically split up into two full-pallet HUs) |  |  |
| 16 | Enter Packaging Material | Enter the packaging material:  New P.Mat.: EWMS4-PAL00  Choose Enter.  Note the HU ID (SSCC numbering) created by the system on your ID sheet.  The packaging material’s HU Type is one factor that determines how many pallets set a bulk lane to “full”. |  |  |
| 17 | Post Goods Receipt | Choose Enter.  Choose F2 PGr. | The Goods Receipt is now recorded. |  |
| 18 | Create Warehouse Task | Choose F3 CrWT.  Choose F7 to go back. | The Putaway Warehouse Task is created. |  |
| 19 | Repeat Steps for Goods Receipt of another 6 PCs of EWMS4-42 | Repeat Step 15 to 18 and create the sec-ond HU for  Product: EWMS4-42  Quantity:(again with) 6 PC |  |  |
| 20 | Logoff RFUI | Choose F7 four times to go back.  Choose F1 Logoff.  Choose F1Save. | All the goods have been packed (HUs created), unloaded and posted GR. If you followed the example process accurately, you have created 5 HUs in total.  During the processing, HUs were created. All HUs are located in the GR zone at this point of time.  Fiori tile Pack Handling Units can be used to display the storage type Y910 (at the same time a work center) for an overview of the HUs located at the Goods Receipt Zone / Inbound Staging Area. In this view, you can also see the Putaway Warehouse which was created in the steps before.  The system created put-away warehouse tasks which can now be processed by other operators/resources.  Put-away strategy for respective warehouse products are as the following:   * Two full-pallet HUs containing product EWMS4-40(360 PC = 36 CAR = 1 PAL) are moved to the Bulk Storage A to a “Short Lane” bin. * One full-pallet HU containing product EWMS4-41(480 PC = 48 CAR = 1 PAL) is moved to the Bulk Storage A to a “Long Lane” bin. * Two full-pallet HUs containing product EWMS4-42(6 PC = 1 PAL) are moved to the Bulk Storage B to a “Short Lane” bin (Bulk B only has short lanes). |  |

### Check Warehouse Orders (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

At this stage of the process, the goods receipt has been posted, and respectively, the warehouse tasks have been created to move Handling Units to the next stop. Those warehouse tasks can include the Mezzanine, the handover point for the High Rack Buffer, the Bulk Storage , and the clarification zone and so on. A supervisor may check the destinations of the HUs for an overview of the open workload.

Procedure

See the chapter [Warehouse Management Monitor Handling](#unique_27) [page ] 59in the Appendix for details.

### Putaway of Products to Bulk Storage

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

An operator (operating a low-level truck) picks up the HUs at the inbound staging area and moves them to their destination bins in the Bulk Storage.

The operator confirms the putaway warehouse tasks using radio frequency environment. You use either the queue or handling unit number to search for the putaway ware-house task.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launchpad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YLLTR-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu | Choose 01 System Guided > 02 System Guided by Queue . |  |  |
| 5 | Enter Queue Name | In the Queue field, enter YI-910-041.  Choose Enter.  Note It is likely that in the System-Guided Selection, certain unfinished warehouse activities may appear instead of the expected task. If this is the case, choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU and enter the corresponding HU number in the HU field to process the task. |  |  |
| 6 | Enter HU | Enter the HU ID from previous step  HU: 112345678#########  Choose Enter.  Note The first HU ID from the previous step, containing 36 CAR (= 1 PAL) of product EWMS4-40. |  |  |
| 7 | Verify the Desti-nation Bin | Verify the Dest.Bin (Destination Bin): 041.##  Note the storage bin.  Choose Enter. |  |  |
| 8 | Repeat Steps for the 2nd HU of product EWMS4-40 | Repeat steps 3-7 for the 2nd HU of product EWMS4-40 |  |  |
| 9 | Repeat Steps for the HU of product EWMS4-41 | Repeat steps 3-7 for the HU of product EWMS4-41 |  |  |
| 10 | Choose Back | After you have processed all the HUs in the specific queue, the system displays the message ‘E: Suitable warehouse orders were not found’. Use function key F7 to go back to previous screens. |  |  |
| 11 | Choose Menu | Choose 01 System Guided > 02 System Guided by Queue . |  |  |
| 12 | Enter Queue Name | In the Queue field, enter YI-910-042.  Choose Enter.  It is likely that in the System-Guided Selection, certain unfinished warehouse activities may appear instead of the expected task. If this is the case, choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU and enter the corresponding HU number in the HU field to process the task. |  |  |
| 13 | Enter HU | Enter the HU ID from previous step  HU: 112345678#########  Choose Enter.  The first HU ID from the previous step, containing 6 PC (= 1 PAL) EWMS4-42. | The Goods Receipt is now recorded. |  |
| 14 | Verify the Desti-nation Bin | Verify the Dest.Bin (Destination Bin): 042.##  Note the storage bin.  Choose Enter. | The Putaway Warehouse Task is created. |  |
| 15 | Repeat Steps for the 2nd HU of product EWMS4-42 | Repeat steps 12-14 for the 2nd HU of product EWMS4-42 |  |  |
| 16 | Choose Back | After you have processed all the HUs in the specific queue, the system displays the message ‘E: Suitable warehouse orders were not found’. Use function key F7 to go back to previous screens. |  |  |
| 17 | Logoff RFUI | You can use function key F7 to go back to previous screens.  Choose F1 Logoff.  Choose F1 Save. | The warehouse tasks for the movement of the goods in pallets from the staging area to the Bulk Storage are confirmed and putaway has been completed.  The system automatically changes the stock type for this stock from “in puta-way” (F1) to “available for sale” (F2). |  |

## Putaway from Clarification Zone

### Process Goods Receipt

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

The warehouse operators at the inbound staging area are equipped with:

* an RF device
* a roll of pre-printed and barcoded HU labels

They are responsible for labeling and – if necessary – repacking the items (in real life but not supported by system functions), then posting goods receipt and creating subsequent putaway warehouse tasks in the system.

The system’s putaway strategy takes into account the “quantity classification” (that is, the system checks whether the actual quantity of a HU is a pallet or carton quantity via the product master’s conversion factors):

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launchpad with the  Warehouse Operative (EWM)  role. | The Fiori Launchpad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YREC-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu for Goods Receipt | Choose 03 Inbound Processes > 04 Receiving of Handling Units > 04 Rec. HU by ASN . |  |  |
| 5 | Enter ASN number | Enter the ASN number from step 4.2  Choose Enter twice. |  |  |
| 6 | Enter Goods Receipt Data for 5 CAR of EWMS4-02 | Choose F2 NewHU.  Enter the following values for the item.  Prod.: 9783836218122  Choose Enter after you have entered the EAN or product ID before you enter the other fields (a real mobile device would do this automatically).  ActQty: 5  UoM: CAR  Choose F1 Next.  Note Alternatively, you can enter the product ID EWMS4-02 |  |  |
| 7 | Enter Packaging Material | Enter the packaging material:  New P.Mat.: EWMS4-WBTRO00  Choose Enter.  Note the HU ID (internal numbering) created by the system on your ID sheet. |  |  |
| 8 | Post Goods Receipt | Choose Enter.  Choose F2 PGr. | The Goods Receipt is now recorded. |  |
| 9 | Create Warehouse Task | Choose F3 CrWT. | The Putaway Warehouse Task is created.  Put-away strategy for the HU containing EWMS4-02  The HU containing the small part EWMS4-02 is moved to the clarification zone since the content of the handling unit exceeds the bin volume in the Mezzanine. The HU needs to be repacked first and split up into 2 units before being moved to the Mezzanine. |  |
| 10 | Logoff RFUI | Choose F7 four times to go back.  Choose F1 Logoff.  Choose F1 Save. | All the goods have been packed (HUs created), unloaded and posted GR. If you followed the example process accurately, you have created 1 HUs in total.  During the processing, HUs were created. All HUs are located in the GR zone at this point of time.  Fiori tile Pack Handling Units can be used to display the storage type Y910 (at the same time a work center) for an overview of the HUs located at the Goods Receipt Zone / Inbound Staging Area. In this view, you can also see the Putaway Warehouse which was created in the steps before.  At the same time, you can display the inbound delivery along with the created warehouse tasks and Handling Units in the Warehouse Monitor APP ( Inbound > Documents > Inbound Delivery ). |  |

### Move Products to Clarification Zone

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

Due to a violation of the maximum bin volume, the system could not determine a valid bin. As a result, the system creates a warehouse task to move the HU to the clarification zone waiting for further processing (“clearing”).

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the  Warehouse Operative (EWM)  role. | The Fiori Launch Pad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YLLTR-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu | Choose 01 System Guided > 02 System Guided by Queue . |  |  |
| 5 | Enter Queue Name | In the Queue field, enter YI-910-970.  Note It is likely that in the System-Guided Selection, certain unfinished warehouse activities may appear instead of the expected task. If this is the case, choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU and enter the corresponding HU number in the HU field to process the task. |  |  |
| 6 | Enter HU number | Enter the HU ID from Step the Inbound processing of EWMS4-02 / 5 CAR:  HU: For example, 8#######  Choose Enter.  Note The HU ID from the inbound processing step, containing 5 CAR EWMS4-02. |  |  |
| 7 | Verify the Destination Bin | Verify the Dest.Bin (Destination Bin)  DstBin: 970.00.00  Choose Enter.  Note The warehouse tasks for the movement of the goods from the staging area to the clarification zone are confirmed and the product is ready for further processing. The stock is still in stock type F1 (“In Putaway”). |  |  |
| 8 | Logoff RFUI | You can use function key F7 to go back to previous screens.  Choose F1 Logoff.  Choose F1 Save. |  |  |

### Repack at the Clarification Zone

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

The clearing operator investigates the HU and decides that the product needs to be repacked into the correct packaging materials. The clearing operator repacks the product into two storage containers with the correct quantity, that is, the quantity (number of cartons) along with the related volume does not violate the bin’s volume capacity in the Mezzanine.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Pack Handling Units (/SCWM/PACK). | The Packing screen is displayed. |  |
| 3 | Enter Selection Data | On the Work Center Clarification Zone screen, make the following entries:  Whse No: 1010  Work Center: Y970  Choose Execute. |  |  |
| 4 | Adjust Default Settings | On the Work Center Clarification Zone screen, navigate to the Control tab page.  Deselect the Propose Dest. HU checkbox. |  |  |
| 5 | Repack | Navigate to the Repack Product tab page and create the following entries:  Src HU/Bin: 8######( HU number created in for product EWMS4-02 / 5 CAR )  Prod/HU/BI: EWMS4-02 or 9783836218122  Quantity: 4 CAR  Pack. Materia: EWMS4-STOCON00  Storage Bin: 970.00.00  Choose Execute.  Note the new HU number created in the Clarification Zone (in the Section/Bin/HU/Item area on the left of the screen).  Note To have the system propose the data, you can choose the Stock.Make sure you adapt the quantity to 4 CAR; otherwise, no warehouse task to move to the Mezzanine is created.Repack at the main storage bin 970.00.00 of the clarification zone. |  |  |
| 6 | Repeat Step | Repeat the step 5 for the remaining 1 CAR until the Source Handling Unit is emptied.  Note Since this is not part of the inbound storage process, the system does not automatically create the follow-up warehouse task, that is, the warehouse task to move the new HUs from the clarification zone to the Mezzanine. This needs to be done manually by the user and is described in the next process step. | The content of the HU for product EWMS4-02 in the clarification zone is repacked into EWMS4-STOCON00, and two new HUs are created.  The original HU (which used the packaging material EWMS4-WBTRO00) is automatically deleted by the system once it is empty. |  |

### Create Warehouse Tasks to Move Handling Units from the Clarification Zone

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

After completing missing parameters for the product master data, you create an ad-hoc warehouse task for the movement of the product from the clarification zone to the final storage bin.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Clerk (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Home on top of the screen to open All My Apps list.  In the App list, choose EWM – Work Scheduling and then choose Create Warehouse Tasks - Handling Units (/SCWM/ADHU). |  |  |
| 3 | Enter Search Criteria | On the Create HU Warehouse Task in Warehouse Number1010 screen, make the following entries:  Find: Handling Unit  Search Criteria ID: HU number  Choose Search.  Note Enter the first HU number noted down in the step Repack at the Clarification Zone , containing 4 CAR EWMS4-02. |  |  |
| 4 | Create Warehouse Task | Select the entry and choose Switch to Form View.  In the Warehouse Task sub area, make the following entries:  Whse Proc. Type: Y123  Choose Create (Warehouse Task).  Note Putaway from Cl. Zone.May already be filled with Y123 if you adjusted default values for the APP and your user | The warehouse task created is now displayed in the Created HU WTs tab page. |  |
| 5 | Check Destination Bin | Select the entry and choose Switch to Form View to check the Dest. Stor. Bin field for the destination bin for putaway. | You should see a destination bin in the storage type Y021 (Mezzanine) such as 021.##.##.## |  |
| 6 | Save Warehouse Task | Choose Save. | The system issues the message: Warehouse order 2######## created. |  |
| 7 | Repeat Steps | Repeat step 2 – 6 for second HU containing 1 CAR EWMS4-02. |  |  |

### Move Products from Clarification Zone to Mezzanine

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

Once the warehouse tasks for moving HUs from the clarification zone to the Mezzanine are created in the system, the operator can pick up the HU(s), move them to the destination bin(s) and confirm the warehouse tasks in the RF environment.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Log On to RFUI Environment | Open Test RF Environment (/SCWM/RFUI). | The RFUI screen is displayed. |  |
| 3 | Enter Data for RFUI | Whse No: 1010  Resource: YMEZZ-1  DefPresDvc: YE00  Choose Enter. |  |  |
| 4 | Choose Menu | Choose 03 Inbound Process > 03 Putaway > 01 Putaway by HU .  Note When you create warehouse tasks and warehouse orders to move HUs from the clarification zone – either to the Mezzanine (Storage Type Y021) or to the pallet buffer (final Storage Type Y011), you can also process these task in the RFUI using the corresponding RF Queues:  YI-970-021  -> in case the putaway is into the Mezzanine  or  YI-970-00  -> in case the putaway is into the High Rack via the handover point |  |  |
| 5 | Enter HU number | In the HU field, enter the first HU number noted down from the section Repack at the Clarification Zone.  HU: For example, 8#######  The HU ID from the repacking processing step in the clarification zone, containing 4 CAR EWMS4-02. |  |  |
| 6 | Verify the Destination Bin | Verify the Dest.Bin (Destination Bin)  DstBin: 021.##.##.##  Choose Enter. |  |  |
| 7 | Repeat Steps | Repeat step 4-6 for the second HU number noted down from the section Repack at the Clarification Zone, containing 1 CAR EWMS4-02.  Note The warehouse tasks for the movement of the goods from the clarification zone to the Mezzanine are confirmed and the product has been put away. The stock type automatically changes to F2 Available for Sale. |  |  |
| 8 | Logoff RFUI | You can use function key F7 to go back to previous screens.  Choose F1 Logoff.  Choose F1 Save. |  |  |

## Check Inbound Delivery (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 check the (S/4HANA) Inbound deliveries, which were posted “goods receipt”.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Receiving Specialist role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Open Display Inbound Delivery (VL33N). | The Inbound delivery screen is displayed. |  |
| 3 | Select Inbound Delivery | On the Display Inbound Delivery screen, choose F4 (Matchcode Search).  In the Delivery (1) dialog box , choose External delivery number of vendor.  If you cannot see this option, choose the button with 3 full stop sign on the right hand side and choose it from the dropdown menu.  Make the following entry:  External Delivery ID: ASN #  Choose Start Search.  Double-click the inbound delivery.  Enter the ASN / Vendor Delivery Note ID you have entered in step Create an Inbound Delivery. |  |  |
| 4 | Display Inbound Delivery | On the Display Inbound Delivery screen, choose Enter.  On the Inbound Delivery ######## Display: Overview screen, go to the Status Overview tab page.  Note In addition to checking the inbound deliveries, you can also check the stock situation on the Available for Sale storage location (101S) with Display Stock Overview APP. | Check that the Total goods movement status is set to C-Completely (green background color) for the Overall Status as well as for the Delivery Item Status (usually 4 items). |  |

## Appendix

### Warehouse Management Monitor Handling

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

The Warehouse Management Monitor is a central tool for the management staff in the warehouse to stay up-to-date with the current situation in the warehouse. It provides a wide range of queues with which historical and current data can be displayed. Within the monitor, it is also easy to navigate to transactions, assign tasks and warehouse resources and so on.

In this example, you search for the HU numbers, Warehouse Order and Warehouse task numbers specific to an inbound delivery in the Warehouse Management Monitor to facilitate the goods receipt and putaway warehouse task execution in the RF environment.

Procedure

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Step # | Test Step Name | Instruction | Expected Result | Pass / Fail / Comment |
| 1 | Log on | Open the Fiori Launch Pad with the Warehouse Operative (EWM) role. | The Fiori Launch Pad is displayed. |  |
| 2 | Access the App | Choose Warehouse Monitor (/SCWM/MON). | The Warehouse Management Monitor screen is displayed. |  |
| 3 | Enter the data for Warehouse Monitor | In the dialog box, make the following entries:  Warehouse Number: 1010  Monitor: SAP  Choose Execute. |  |  |
| 4 | Choose Menu | In the hierarchy in the left screen area, choose Inbound > Documents > Inbound Delivery  A dialog box appears. |  |  |
| 5 | Enter Inbound Delivery Number | In the dialog box, enter the inbound delivery number and choose Execute. | The system displays the inbound delivery in the right screen area. |  |
| 6 | Display Data related to Inbound Delivery | Select the inbound delivery, and choose Warehouse Order.  Choose Warehouse Task to display the WTs associated with the inbound delivery.  Choose Handling Unit to display the HUs associated with the inbound delivery.  In the Warehouse Monitor, a user can display all relevant data (for example, warehouse orders, warehouse tasks, HUs etc.) linked to a particular inbound delivery. This is an efficient way to monitor the progress of the related process. | The system displays the corresponding WO numbers to this inbound delivery document. If you choose the WO number, you navigate to the Warehouse Order display screen with further detailed information, such as the Warehouse Tasks that are contained in the Warehouse Order, the source and destination HU numbers and so on. |  |

### Succeeding Processes

After completing the activities in this test script, you can continue testing the following business processes:

|  |  |
| --- | --- |
| Process | Business Condition |
| J45 - Procurement of Direct Materials ) | Complete all activities described in the test script of the scope item: Procurement of Direct Materials (J45) (Sections Create Supplier Invoice with PO/GR relation) 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. |

|  |
| --- |
|  |
| www.sap.com/contactsap |
| © 2020 SAP SE or an SAP affiliate company. All rights reserved.  No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice.  Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.  These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.  SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies.  See [www.sap.com/copyright](http://www.sap.com/copyright) for additional trademark information and notices. |

