Chapter 07: Warehouse Management (WM)

Exercise 07-04: WM Fulfillment

Multiple Company Code

Version 4.15

Revised 01/14/2016

Introduction

General Notes and Information

It is strongly recommended that you read through the entire exercise prior to starting. Not all instructions can be provided in a linear manner in the exercise itself. READ CAREFULLY!

The following symbols are used to indicate important information as described below.

* An arrow highlights an important instruction that must not be overlooked.

🖉 A pencil prompts you to write down an important piece of information.

Each student or group will be assigned a unique two-digit identifier. This identifier is used in all exercises. Whenever you see ##, replace it with your identifier. For example, Joe may have an identifier of 05. Every time Joe sees the ## symbol, he will replace it with “05”.

**Differences in Font**:Throughout this exercise you will see tables with different fonts used in the Data Entry column(s). The normal Times New Roman indicates you enter exactly what is typed out except for the ## Symbol where you would put in your identifier. The italicized *Times New Roman* font indicates the data is looked up, found, or otherwise not to be entered literally as written.

* Always work with your data.
* Provide both the code and its description in your answers. The questions are designed for you to locate the code but also understand the meaning

Business Process Overview

In this exercise, you will be selling materials that you procured in the last two exercises from a vendor and from Dallas. You will be selling the materials to a customer. You will notice both similarities with and differences from the normal fulfillment process. These variations are due to the use of warehouse management within the SAP system.

Exercise Prerequisites

Chapter 07-02 Version MCC 4.10

Chapter 07-03 Version MCC 4.10

Exercise Workflow

Exercise Deliverables

Deliverables are consolidated into one worksheet at the end of the exercise. It is only necessary to turn in that worksheet and that worksheet alone along with data in the system if required.

For this exercise you will need the following deliverables:

In the System:

* Sales Order Created
* Outbound Delivery Created
* Transfer Order Created
* Transfer Order Confirmed
* Shipment Sent to Customer
* Invoice Sent to Customer
* Customer Account Paid Off

On Paper:

* Answer(s) to Question(s)
* Document Number(s)
* You may be assigned additional deliverables. Make certain to check with your instructor.

Step 1: Create Sales Order

In this step, you create a sales order for your customer in California. For this step, you will be assuming the fact that you have already received a purchase order from this customer.

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Logistics 🡪 Sales and Distribution 🡪 Sales 🡪 Order 🡪 Create

1. What is the transaction code to create sales order? VA01 🖉
2. You are in the “Create Sales Order: Initial Screen” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Order Type | OR |
| Sales Organization | Your US West |
| Distribution Channel | *Wholesale* |
| Division | *Bicycles* |

1. Click on  (ENTER).
2. You are in the “Create Standard Order: Overview” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Sold-To Party | Your SoCal Bikes |
| PO Number | 11## |
| Req. deliv.date | One Week from Today |
| Pricing date | One Week from Today |

1. At the bottom of the screen, enter the following information:

|  |  |
| --- | --- |
| Material | Order Quantity |
| Your Off Road Men’s Bike | 50 |
| Your Road Helmet | 100 |

1. Click on  (SAVE).
2. In the “Information” pop-up, click on the  icon.

You will receive a message that says “Standard Order has been saved”.

1. What is the resulting document number?       🖉

* Refer to a previous step in a previous exercise for instructions on how to review material inventory. Review the inventory of your off road men’s bikes to answer the following questions. While the balance in your inventory may be obvious, it is always good to check.

1. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉

* Refer to a previous step in a previous exercise for instructions on how to review warehouse inventory. Review the warehouse inventory of your men’s off road bike. While the amount in your inventory may be obvious, it is always good to check for grading purposes.

1. How many bikes are in your STBN-7-000 storage bin? 150 🖉

Exercise Deliverables:

In the System:

* Sales Order Created

On Paper:

* Answer(s) to Question(s)
* Document Number(s)

Step 2: Prepare Shipment

In this step, you create the outbound delivery note number for the sales order.

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Logistics 🡪 Sales and Distribution 🡪 Shipping and Transportation 🡪 Outbound Delivery 🡪 Create 🡪 Single Document 🡪 With Reference to Sales Order

1. What is the transaction code to create an outbound delivery? VL01N 🖉
2. You are in the “Create Outbound Delivery with Order Reference” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Shipping point | Your San Diego |
| Selection date | One Week from Today |
| Order | Your Sales Order Number |

1. Click on  (ENTER).
2. You are in the “Outbound Delivery Create: Overview” screen.

Click on the “Picking” tab.

1. Enter the following information:

|  |  |
| --- | --- |
| Material | SLoc |
| **Your Men’s Off Road Bike** | Your Finished Goods |
| **Your Road Helmet** | Your Trading Goods |

1. Click on  (SAVE).

You will receive a message that says “Outbound Delivery has been saved”.

1. What is the resulting document number?       🖉

* Refer to a previous step in a previous exercise for instructions on how to review material inventory. Review the inventory of your off road men’s bikes to answer the following questions. While the balance in your inventory may be obvious, it is always good to check.

1. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉

* Refer to a previous step in a previous exercise for instructions on how to review warehouse inventory. Review the warehouse inventory of your men’s off road bike. While the amount in your inventory may be obvious, it is always good to check for grading purposes.

1. How many bikes are in your STBN-7-000 storage bin? 150 🖉

Exercise Deliverables:

In the System:

* Outbound Delivery Created

On Paper:

* Answer(s) to Question(s)
* Document Number(s)

Step 3: Pick Materials

In this step, you create a transfer order based on the note created in the previous step.

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Logistics 🡪 Logistics Execution 🡪 Outbound Process 🡪 Goods Issue for Outbound Delivery 🡪 Picking 🡪 Create Transfer Order 🡪 Via Outbound Delivery Monitor

1. What is the transaction code to create a transfer order via delivery monitor? VL06P 🖉
2. You are in the “Outbound Deliveries for Picking” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Shipping Point/Receiving Pt | Your San Diego |

1. Click on  (EXECUTE).
2. In the “Day’s Workload for Picking” screen, select your outbound delivery.
3. Click on  (TO IN FOREGROUND).
4. You are in the “Create Transfer Order for Delivery Note: Initial” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Plant | Your DC San Diego Plant |

1. Click on  (ENTER).
2. In the “Create TO for Delivery: Overview Deliveries” screen, click on the  icon. You will receive an error that says “Data for storage type not defined”.

* This error is normal when clicking on the “Save” icon. All the system wants to know is where the road helmets and bikes will be coming from within the San Diego Warehouse. In this case, they are going to pick the bikes from pallet storage and the road helmets from shelf storage, which is what you will enter.

1. You are in the “Create Transfer Order for Delivery: Generate TO Item” screen. Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Source Storage Type | Pallet Storage |
| Source storage section | Total Section |

* These are entered under the “From” section.

1. Click on  (ENTER).

You will receive an error that says “Data for storage type not defined”.

1. Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Source Storage Type | Shelf Storage |
| Source storage section | Total Section |

1. Click on  (ENTER).

You will receive a message that says “Transfer order created”.

1. What is the resulting document number?       🖉

* Refer to a previous step in a previous exercise for instructions on how to review material inventory. Review the inventory of your off road men’s bikes to answer the following questions. While the balance in your inventory may be obvious, it is always good to check.

1. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉

* Refer to a previous step in a previous exercise for instructions on how to review warehouse inventory. Review the warehouse inventory of your men’s off road bike. While the amount in your inventory may be obvious, it is always good to check for grading purposes.

1. How many bikes are in your STBN-7-000 storage bin? 150 🖉

Exercise Deliverables:

In the System:

* Transfer Order Created

On Paper:

* Answer(s) to Question(s)
* Document Number(s)

Step 4: Confirm Transfer Order

In this step, you confirm the transfer order you created in the previous step.

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Logistics 🡪 Logistics Execution 🡪 Outbound Process 🡪 Good Issue for Outbound Delivery 🡪 Picking 🡪 Confirm Transfer Order 🡪 Single Document 🡪 In One Step

1. What is the transaction code to confirm a transfer order? LT12 🖉
2. In the “Confirm Transfer Order: Initial Screen” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| TO Number | Your Transfer Order Number |
| Warehouse Number | Your San Diego Warehouse |

1. Click on the  icon.
2. You are in the “Confirm Transfer Order: Overview of Transfer Order Items” screen. Click on  (SAVE).

You will receive a message that says “Transfer order confirmed”.

* Refer to a previous step in a previous exercise for instructions on how to review inventory level.

1. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉

* Refer to a previous step in a previous exercise for instructions on how to review warehouse inventory. Review the warehouse inventory of your men’s off road bike.

1. How many bikes are in your STBN-7-000 storage bin? 100 🖉
2. How many bikes are in the Shipping Area Deliveries? 50 🖉

Exercise Deliverables:

In the System:

* Transfer Order Confirmed

On Paper:

* Answer(s) to Question(s)

Step 5: Send Shipment

Creating the post goods issue (shipping) reduces unrestricted stock to reflect the quantity shipped. It also indicates a change in the ownership of the goods which reflects liability.

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Logistics 🡪 Sales and Distribution 🡪 Shipping and Transportation 🡪 Outbound Delivery 🡪 Change 🡪 Single Document

1. What is the transaction code to post the goods issue? VL02N 🖉
2. You are in the “Change Outbound Delivery” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Outbound Delivery | Your Outbound Delivery Number |

1. click on the  icon.

You will receive a message that says “Outbound Delivery has been saved”.

* Refer to a previous step in a previous exercise for instructions on how to review material inventory. Review the inventory of your off road men’s bikes to answer the following questions. While the balance in your inventory may be obvious, it is always good to check.

1. What is the total dollar value of men’s off road bikes in inventory? 120,000.00 🖉

* Refer to a previous step in a previous exercise for instructions on how to review warehouse inventory. Review the warehouse inventory of your men’s off road bike.

1. How many bikes are in your STBN-7-000 storage bin? 100 🖉

Exercise Deliverables:

In the System:

* Shipment Sent to Customer

On Paper:

* Answer(s) to Question(s)
* Document Number(s)

Step 6: Send Invoice

In this step, you create an invoice for your customer and receive payment in the next step.

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Logistics 🡪 Sales and Distribution 🡪 Billing 🡪 Billing Document 🡪 Create

1. What is the transaction code to create a billing document? VF01 🖉
2. You are in the “Create Billing Document” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Document | Your Outbound Delivery Number |

1. Click on the  icon.

You will receive a message that says “Document has been saved”.

1. What is the resulting document number?       🖉

Exercise Deliverables:

In the System:

* Invoice Sent to Customer

On Paper:

* Answer(s) to Question(s)
* Document Number(s)

Step 7: Post Payment

In this step, the customer has received the invoice and sent you payment (assume full amount).

1. In the “SAP Easy Access” screen, follow the navigation path below:

Navigation

Accounting 🡪 Financial Accounting 🡪 Accounts Receivable 🡪 Document Entry 🡪 Incoming Payments

1. What is the transaction code to receive a customer payment? F-28 🖉
2. You are in the “Post Incoming Payments: Header Data” screen.

Enter the following information:

|  |  |
| --- | --- |
| Field Name | Data Entry |
| Document Date | Current Date |
| Bank data Account | Your Bank Account |
| Amount | 125000 |
| Open item selection Account | Your SoCal Bikes |

1. Click on  (ENTER).

You will receive a message that says “1 items were selected”.

1. Click on  (SAVE).

You will receive a message that says “Document was posted in company”.

1. What is the resulting document number?       🖉

Exercise Deliverables:

In the System:

* Customer Account Paid Off

On Paper:

* Answer(s) to Question(s)
* Document Number(s)

Attachment 1: Exercise Worksheet

**Name:** THUY HONG HA

**Course and Section:** CH-07-04

**Identifier:** 054

**Client:** 701

* Provide both the code and its description in your answers. The questions are designed for you to locate the code but also understand the meaning

1. What is the transaction code to create a sales order? VA01 🖉
2. What is the resulting document number? 🖉
3. What is the dollar value of men’s off road bikes in inventory? 180,000.00 🖉
4. How many bikes are in your STBN-7-000 storage bin? 150 🖉
5. What is the transaction code to create an outbound delivery? VL01N 🖉
6. What is the resulting document number? 🖉
7. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉
8. How many bikes are in your STBN-7-000 storage bin? 150 🖉
9. What is the transaction code to create a transfer order via delivery monitor? VL06P 🖉
10. What is the resulting document number? 🖉
11. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉
12. How many bikes are in your STBN-7-000 storage bin? 150 🖉
13. What is the transaction code to confirm a transfer order? LT12 🖉
14. What is the total dollar value of men’s off road bikes in inventory? 180,000.00 🖉
15. How many bikes are in your STBN-7-000 storage bin? 100 🖉
16. How many bikes are in the Shipping Area Deliveries? 50 🖉
17. What is the transaction code to post the goods issue? VL02N 🖉
18. What is the total dollar value of men’s off road bikes in inventory? 120,000.00 🖉
19. How many bikes are in your STBN-7-000 storage bin? 100 🖉
20. What is the transaction code to create a billing document? VF01 🖉
21. What is the resulting document number? 🖉
22. What is the transaction code to receive a customer payment? F-28 🖉
23. What is the resulting document number? 🖉