

# Warehouse Management (WM) Case Study II

This case study explains an integrated warehouse management process which is triggered by a stock transport order from a manufacturing facility to a warehouse-managed storage location.

## Product

SAP ERP  
G.B.I.  
Release 6.07

## Level

Beginner

## Focus

Warehouse Management

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## Version

2.40

## Last Update

June 2015

## MOTIVATION

Warehousing has significant value for logistics.

Current trends such as higher cost pressure, shorter cycles of innovation, higher customer expectations and globalization of markets make great demands on companies, in particular on warehouse logistics. This is especially difficult in industries with high differentiation like the consumer goods industry. Furthermore, customers have increasingly higher demands on reliability, promptness and flexibility of deliveries.

Warehouse management systems support the global flow of goods between the producer and the purchaser and facilitate near fail-proof logistic operations in increasingly complex supply chains.

## PREREQUISITES

Before you use this case study, you should be familiar with navigation in the SAP system.

In order to successfully work through this case study, it is not necessary to have finished the WM exercises. However, it is recommended.

## NOTES

This case study uses the Global Bike Inc. (G.B.I.) data set, which has exclusively been created for SAP UA global curricula.

## Process Overview

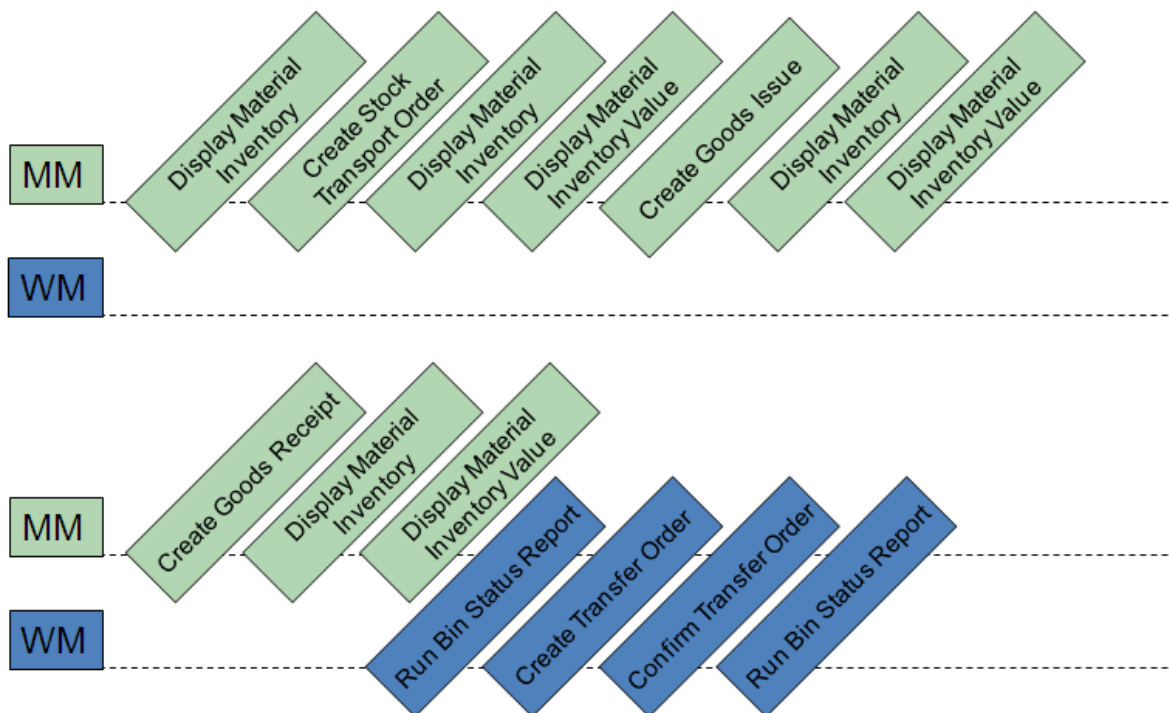
**Learning Objective** Understand and perform a warehousing process for int. goods **Time** 90 min

**Scenario** Due to increasing sales output in your San Diego distribution center, the management has decided to install a Warehouse Management System there. These adjustments have just been completed. Now the new system needs to be tested. For this purpose, finished goods shall be requested from your manufacturing facility in Dallas and put in stock in San Diego using the new warehouse management system.

**Employees involved** Carolin Bruzik (Warehouse Supervisor)  
 Jennifer Brown (Plant Manager San Diego)  
 Sanjay Datar (Warehouse Employee)  
 Yoshi Agawa (Receiving Clerk)

In order to receive goods from the plant in Dallas you need to create a stock transport order. Then you will send goods from the plant to the distribution center. As soon as you register the receipt of the goods in San Diego, you will create a transfer order for the received goods. Due to this order, the Warehouse Management will put the goods into stock. In the end, you will check if the goods were sorted into the correct storage bins.

Process description



## Step 1: Display Material Inventory

**Task** View the inventory of your material.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the inventory of your material.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

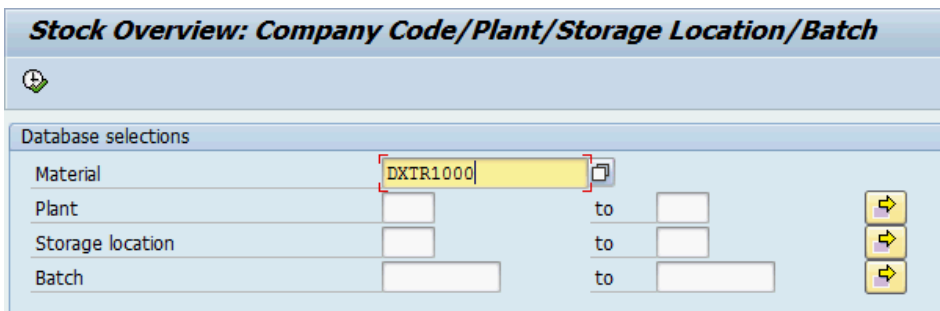
To display the material inventory, follow the menu path:





Menu path

**Logistics** ► **Materials Management** ► **Inventory Management** ►  
**Environment** ► **Stock** ► **Stock Overview**

In the *Stock Overview* screen, enter **DXTR1###** as Material (replace ### with your number). Make sure that all other search criteria fields are blank and click on .



DXTR1###



Database selections			
Material	DXTR1000		
Plant		to	
Storage location		to	
Batch		to	

In the following screen you see the global amount of your material on stock as well as the current amount in your Dallas plant which you will order the material from.

**Stock Overview: Basic List**




Selection

Material  Deluxe Touring Bike (black)


Material Type FERT Finished Product

Unit of Measure  Base Unit of Measure EA

Stock Overview




Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qu
Full	470.000	
DE00 Global Bike Germany GmbH	120.000	
HD00 Plant Heidelberg	120.000	
FG00 Finished Goods	120.000	
US00 Global Bike Inc.	350.000	
DL00 Plant Dallas	250.000	
FG00 Finished Goods	250.000	
MI00 DC Miami	100.000	
FG00 Finished Goods	100.000	

Click on the exit icon  to return to the SAP Easy Access screen.



## Step 2: Create Stock Transport Order

**Task** Create a stock transport order.

**Time** 10 min

**Short Description** Use the Easy Access Menu to create a stock transport order. This means that you request material from another GBI plant instead of procuring it from a vendor.

**Name (Position)** Jennifer Brown (Plant Manager San Diego)



To create a stock transport order, follow the menu path:

Menu path

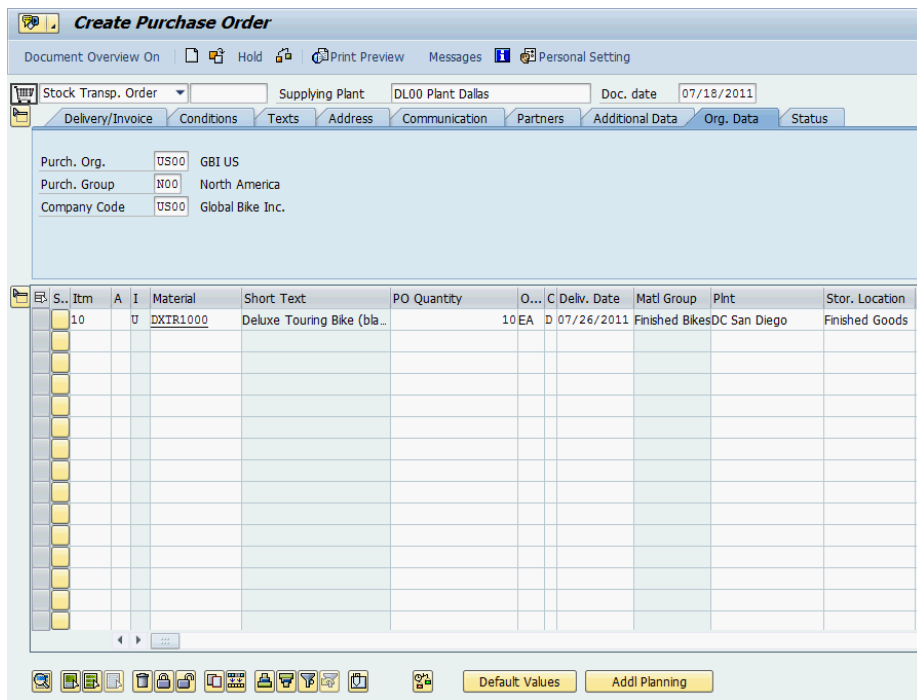
**Logistics ▶ Materials Management ▶ Purchasing ▶ Purchase Order ▶ Create ▶ Vendor / Supplying Plant Known**

In the *Create Purchase Order* screen, change the type of purchase order to **Stock Transp. Order** and accept any warning messages with Enter. Fill in **US00** as Purch. Org., **N00** as Purch. Group, **US00** as Company Code and **DL00** as Supplying Plant.


Stock Transp. Order  
US00  
N00  
US00  
DL00

Select  to expand the Item Overview. Enter **DXTR1###** as Material (replace ### with your number), **10** as PO Quantity, **SD00** as Plant, **FG00** as Storage Location and **8 days from today** as Delivery Date. Confirm your entries by clicking  or pressing Enter.

DXTR1###  
10  
SD00  
FG00  
8 days from today




Compare your entries with the screenshot above.

Then, click on  to save your order. You may receive a warning message which you can ignore by clicking on Save. The system will assign a unique stock transport order document number.

Stock Transport  
Order Number

Stock Transp. Order created under the number 450000001

Click on the exit icon  to return to the SAP Easy Access screen.



## Step 3: Display Material Inventory

**Task** View the inventory of your material again.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the inventory of your material again.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To display the material inventory, follow the menu path:

Menu path

**Logistics** ► **Materials Management** ► **Inventory Management** ►  
**Environment** ► **Stock** ► **Stock Overview**

In the *Stock Overview* screen, enter **DXTR1###** as Material (remember to replace ### with your number). Ensure that all other search criteria fields are blank and click on .

DXTR1###

**Stock Overview: Basic List**

Selection

Material	DXTR1000	Deluxe Touring Bike (black)
Material Type	FERT	Finished Product
Unit of Measure	EA	Base Unit of Measure EA

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock    Unrestricted use    Qua

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qua
Full	470.000	
DE00 Global Bike Germany GmbH	120.000	
HD00 Plant Heidelberg	120.000	
FG00 Finished Goods	120.000	
US00 Global Bike Inc.	350.000	
DL00 Plant Dallas	250.000	
FG00 Finished Goods	250.000	
MI00 DC Miami	100.000	
FG00 Finished Goods	100.000	
SD00 DC San Diego		
FG00 Finished Goods		

Note that you still have the same amount of goods in Dallas. However, after double clicking on *SD00 DC San Diego* you can see that you have an On-Order Stock balance of 10 for your distribution center in San Diego.


Stock Overview: Basic List

Stock Plnt  
Plnt SD00

Plnt

Stock Type	Stock
Unrestricted use	0.000
Qual. inspection	0.000
Returns	0.000
On-Order Stock	10.000
Consgt ordered	0.000
Reserved	0.000
Stck trans.(plnt)	0.000
Transfer (SLoc)	0.000
Consgt unrestr.	0.000
Consgt qual.insp.	0.000
GR Blocked Stock	0.000
Cust. inquiries	0.000
Cust. quotations	0.000
Sales orders	0.000
Cust.sched.agmts	0.000
Cust. contracts	0.000
Deliv. w/o charge	0.000
Schd.for delivery	0.000
Rcpt reservation	0.000
RetPckgCust.unres	0.000
Empties cust. QI	0.000
ConsgtCust.unrest	0.000
Consgt cust. QI	0.000
Stock in transit	0.000
SC stock unrestr.	0.000
SC stock QI	0.000
Sales order unre.	0.000
Sales order QI	0.000
Blocked	0.000
Sales order blkd	0.000

Icons: [Checkmark] [Print] [Refresh] [Home] [Exit]

Click on the exit icon  to return to the SAP Easy Access screen.





## Step 4: Display Material Inventory Value

**Task** View the value of your material inventory.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the value of your material inventory.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To display the material inventory value, follow the menu path:

Menu path

**Logistics** ► **Materials Management** ► **Inventory Management** ►  
**Environment** ► **Stock** ► **Warehouse Stock**

In the *Display Warehouse Stocks of Material* screen, enter **DXTR1####** as Material (replace #### with your number). Ensure that all other search criteria fields are blank and click on .

DXTR1###

<i>Display Warehouse Stocks of Material</i>						
Material	Material Description			Plnt Name 1		
SLoc	SL	Unrestricted Unit	Transit/Transf.	In Quality Insp.	Rest	
		Total Value Crcy	Total Value	Total Value		
DXTR1000	Deluxe Touring Bike (black)			DL00 Plant Dallas		
FG00		250 EA	0	0		
		350,000.00 USD	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)			HD00 Plant Heidelberg		
FG00		120 EA	0	0		
		168,000.00 EUR	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)			HH00 DC Hamburg		
FG00		0 EA	0	0		
		0.00 EUR	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)			MI00 DC Miami		
FG00		100 EA	0	0		
		140,000.00 USD	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)			SD00 DC San Diego		
FG00		0 EA	0	0		
		0.00 USD	0.00	0.00		
<b>* Total</b>						
		*	*	*		

As you can see there is no total value associated with the DC in San Diego.

Click on the exit icon  twice to return to the SAP Easy Access screen.





## Step 5: Create Goods Issue

**Task** Create a goods issue from the issuing plant.

**Time** 10 min

**Short Description** In this step, you will use the Easy Access Menu to issue the goods requested from your plant in Dallas to your distribution center in San Diego.

**Name (Position)** Sanjay Datar (Warehouse Employee)

To create a goods issue, follow the menu path:

Menu path

**Logistics** ► **Materials Management** ► **Inventory Management** ►  
**Goods Movement** ► **Goods Movement**

In the *Goods Movement* screen, change the Material Document drop down to **Goods Issue** and adjust the type of Goods Issue to a **Purchase Order**.


Goods Issue  
Purchase Order

Note: A purchase order is the same as a stock transport order, you are technically purchasing the goods from the other plant, but it is a transport because the plants are under the same company code.

Input your **Stock Transport Order Number** in the blank space next to it.

Stock Transp. Order Nr.

If you have not written down the TO number you created in the second task, you may use the F4 help in the TO number field (first blank field next to the second drop-down field).

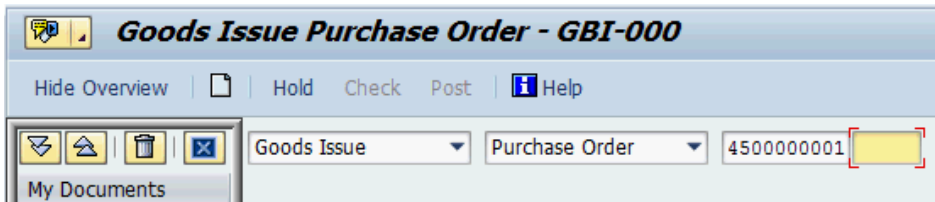
In the following screen choose the *Purchasing Documents for Material* tab by using . Then, enter **DXTR1###** as Material and press Enter.


DXTR1###

The screenshot shows a SAP dialog box titled 'Purchasing Document Number (1)'. It has two tabs: 'Purchasing Documents per Vendor' and 'Purchasing Documents for Material'. The 'Purchasing Documents for Material' tab is selected. The 'Material' field is populated with 'DXTR1000'. Below it are several empty input fields for 'Plant', 'Purch. Doc. Category', 'Order Type', 'Purchasing Document', and 'Item'. At the bottom, there is a 'Maximum No. of Hits' field with the value '500'. The dialog box has standard SAP window controls (minimize, maximize, close) and a status bar with icons for help, refresh, and close.

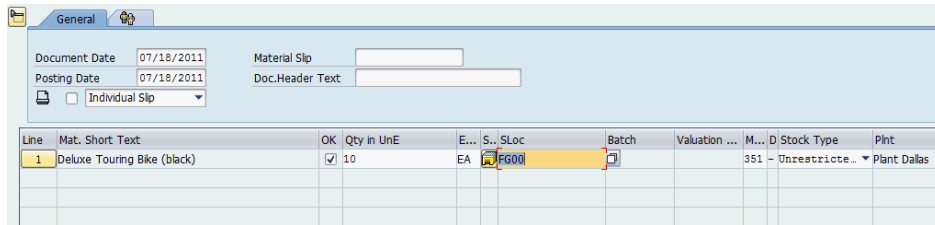
Now double click on your entry.



After your order number is filled in click on  or press Enter.




When your order comes up select **OK** and enter **Finished Goods** as Storage Location by using the F4 help. Confirm your entries by clicking  or pressing Enter.

OK  
Finished Goods



Then, click on  to save your issue. The system will assign a unique material document number.  Material document 4900000130 posted

Material Document  
Number

Click on the exit icon  to return to the SAP Easy Access screen.



## Step 6: Display Material Inventory

**Task** View the inventory of your material again.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the inventory of your material again.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To display the material inventory, follow the menu path:

Menu path

**Logistics** ► **Materials Management** ► **Inventory Management** ► **Environment** ► **Stock** ► **Stock Overview**

In the *Stock Overview* screen, enter **DXTR1###** as Material (remember to replace ### with your number). Ensure that all other search criteria fields are blank and click on .

DXTR1###

**Stock Overview: Basic List**

Selection


Material	DXTR1000	Deluxe Touring Bike (black)
Material Type	FERT	Finished Product
Unit of Measure	EA	Base Unit of Measure EA

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock    Unrestricted use    Q

Full	470.000
DE00 Global Bike Germany GmbH	120.000
US00 Global Bike Inc.	350.000
DL00 Plant Dallas	250.000
FG00 Finished Goods	250.000
M100 DC Miami	100.000
FG00 Finished Goods	100.000
SD00 DC San Diego	
FG00 Finished Goods	

Note that your amount of goods in Dallas has changed now. By double clicking on *SD00 DC San Diego* you can also see, that you still have an On-Order Stock balance of 10 for your distribution center in San Diego. This means that the goods have not arrived in San Diego yet.

Click on the exit icon  to return to the SAP Easy Access screen.





## Step 7: Display Material Inventory Value

**Task** View the value of your material inventory again.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the value of your material inventory again.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To display the material inventory value, follow the menu path:

Menu path


**Logistics** ► **Materials Management** ► **Inventory Management** ► **Environment** ► **Stock** ► **Warehouse Stock**

In the *Display Warehouse Stocks of Material* screen, enter **DXTR1###** as Material (remember to replace ### with your number). Ensure that all other search criteria fields are blank and click on .

DXTR1###

Display Warehouse Stocks of Material						
Material	Material Description			Plnt Name 1		
SLoc	SL	Unrestricted Unit	Transit/Transf.	In Quality Insp.	Restr	
		Total Value Crcy	Total Value	Total Value		
DXTR1000	Deluxe Touring Bike (black)			DL00 Plant Dallas		
FG00	240	EA	0	0		
		336,000.00	USD	0.00	0.00	
DXTR1000	Deluxe Touring Bike (black)			HD00 Plant Heidelberg		
FG00	120	EA	0	0		
		168,000.00	EUR	0.00	0.00	
DXTR1000	Deluxe Touring Bike (black)			HH00 DC Hamburg		
FG00	0	EA	0	0		
		0.00	EUR	0.00	0.00	
DXTR1000	Deluxe Touring Bike (black)			MI00 DC Miami		
FG00	100	EA	0	0		
		140,000.00	USD	0.00	0.00	
DXTR1000	Deluxe Touring Bike (black)			SD00 DC San Diego		
	0	EA	10	0		
		0.00	USD	14,000.00	0.00	
FG00	0	EA	0	0		
		0.00	USD	0.00	0.00	
<b>* Total</b>						
		x		x		x

As you can see the values associated with the material in Dallas has decreased. Also the value of *Transit/Transf.* for San Diego has now increased to the value of the goods on order.

Click on the exit icon  twice to return to the SAP Easy Access screen.

Step 8: Create Goods Receipt



**Task** Receive goods at receiving plant.

**Time** 5 min


**Short Description** Use the Easy Access Menu to confirm the receipt of goods from Dallas by creating a goods receipt.

**Name (Position)** Yoshi Agawa (Receiving Clerk)

To create a goods receipt, follow the menu path:

Menu path

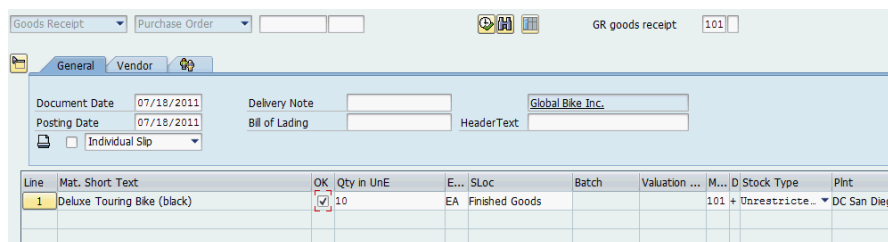
**Logistics ► Materials Management ► Inventory Management ► Goods Movement ► Goods Movement**

In the *Goods Movement* screen, change the Material Document drop down to **Goods Receipt**, adjust the type of Goods Receipt to a **Purchase Order**, and input your **Stock Transport Order Number** in the blank space next to it. You may use the F4 help like explained in the goods issue task. Then, click on  or press Enter.



Goods Receipt  
Purchase Order  
Stock Transport  
Order Number

After your stock transport order comes up select **OK**. Make sure that **SD00** is chosen as Plant, **101** as Movement Type and **FG00** as Storage Location (for some of this information you may need to scroll over to the right to find it).


OK  
SD00  
101  
FG00



Line	Mat. Short Text	OK	Qty in UnE	E...	Sloc	Batch	Valuation ...	M...	D Stock Type	Plant
1	Deluxe Touring Bike (black)	<input checked="" type="checkbox"/>	10	EA	Finished Goods			101	Unrestrict...	DC San Diego

Then, click on  to save your receipt. The system will assign a unique material document number.  **Material document 5000000001 posted**

Material Document  
Number

Click on the exit icon  to return to the SAP Easy Access screen.



## Step 9: Display Material Inventory

**Task** View the inventory of your material again.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the inventory of your material again.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To display the material inventory, follow the menu path:

Menu path

**Logistics** ► **Materials Management** ► **Inventory Management** ►  
**Environment** ► **Stock** ► **Stock Overview**

In the *Stock Overview* screen, enter **DXTR1###** as Material (remember to replace ### with your number). Ensure that all other search criteria fields are blank and click on .

DXTR1###

**Stock Overview: Basic List**

Selection


Material	DXTR1000	Deluxe Touring Bike (black)
Material Type	FERT	Finished Product
Unit of Measure	EA	Base Unit of Measure EA

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock    Unrestricted use    Qu

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qu
Full	470.000	
DE00 Global Bike Germany GmbH	120.000	
HD00 Plant Heidelberg	120.000	
FG00 Finished Goods	120.000	
US00 Global Bike Inc.	350.000	
DL00 Plant Dallas	240.000	
FG00 Finished Goods	240.000	
MI00 DC Miami	100.000	
FG00 Finished Goods	100.000	
SD00 DC San Diego	10.000	
FG00 Finished Goods	10.000	

Note that your amount of goods in San Diego has changed now. By double clicking on *SD00 DC San Diego* you can see that the *On-Order Stock* balance is now zero for San Diego and its *Unrestricted Use* has been updated.

Click on the exit icon  to return to the SAP Easy Access screen.



## Step 10: Display Material Inventory Value

**Task** View the value of your material inventory again.

**Time** 5 min


**Short Description** Use the Easy Access Menu to display the value of your material inventory again.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To display the material inventory value, follow the menu path:

Menu path


**Logistics** ▶ **Materials Management** ▶ **Inventory Management** ▶ **Environment** ▶ **Stock** ▶ **Warehouse Stock**

In the *Display Warehouse Stocks of Material* screen, enter **DXTR1###** as Material (remember to replace ### with your number). Ensure that all other search criteria fields are blank and click on .

DXTR1###

<i>Display Warehouse Stocks of Material</i>						
Material	Material Description		Plnt Name 1			
SLoc SL	Unrestricted Unit	Transit/Transf.	In Quality Insp.	Restri		
	Total Value Crncy	Total Value	Total Value	Tot		
DXTR1000	Deluxe Touring Bike (black)		DL00 Plant Dallas			
FG00	240 EA	0	0	0		
	336,000.00 USD	0.00	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)		HD00 Plant Heidelberg			
FG00	120 EA	0	0	0		
	168,000.00 EUR	0.00	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)		HH00 DC Hamburg			
FG00	0 EA	0	0	0		
	0.00 EUR	0.00	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)		MI00 DC Miami			
FG00	100 EA	0	0	0		
	140,000.00 USD	0.00	0.00	0.00		
DXTR1000	Deluxe Touring Bike (black)		SD00 DC San Diego			
FG00	10 EA	0	0	0		
	14,000.00 USD	0.00	0.00	0.00		
<b>* Total</b>						
	x	x	x	x		

As you can see the value of *Transit/Transf.* for San Diego is now zero and its *Unrestricted Amount and Total Value* increased.

Click on the exit icon  twice to return to the SAP Easy Access screen.



Step 11: Run Bin Status Report

**Task** Check the status of your bins.

**Time** 5 min


**Short Description** Use the Easy Access Menu to run a bin status report which will display a detailed report of each storage bin within the specified warehouse.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

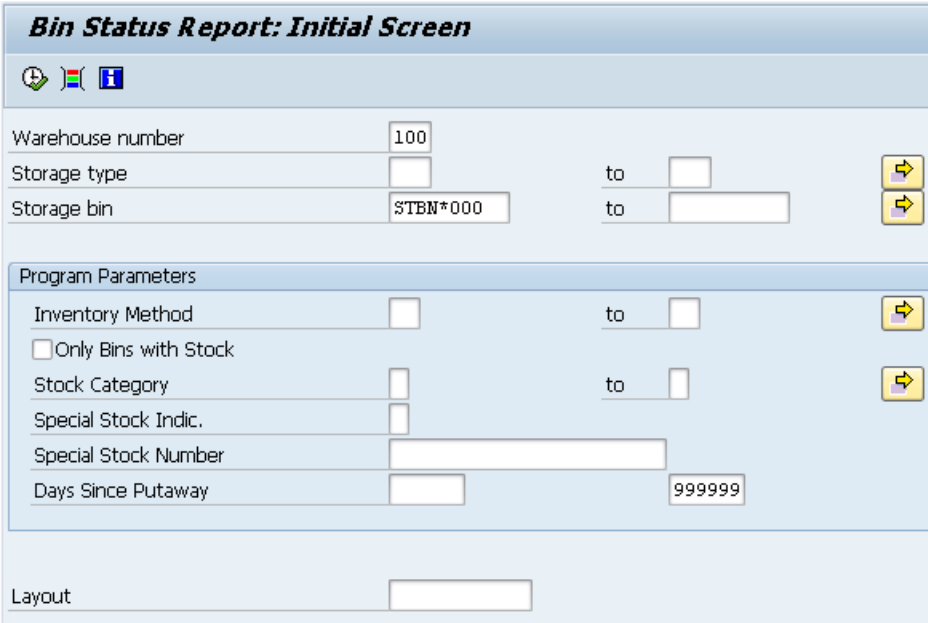
To run a bin status report, follow the menu path:

Menu path

**Logistics ► Logistics Execution ► Internal Whse Processes ► Bins and Stock ► Display ► Bin Status Report**

In the *Bin Status Report: Initial Screen*, enter **100** (for your San Diego Warehouse) as Warehouse Number and **STBN\*###** as Storage bin (replace ### with your number). Then, click on .

100  
STBN\*###



**Bin Status Report: Initial Screen**

Warehouse number: 100

Storage type: [ ] to [ ]

Storage bin: STBN\*000 to [ ]

Program Parameters

Inventory Method: [ ] to [ ]

Only Bins with Stock

Stock Category: [ ] to [ ]

Special Stock Indic.: [ ]

Special Stock Number: [ ]

Days Since Putaway: [ ] 999999

Layout: [ ]

In the *Bin Status Report: Overview* screen you should see a list of all of your storage bins for the entire warehouse in San Diego. Double click on one of your storage bins to get detailed information.


**Bin Status Report: Overview**

Bin Status Report: Overview

Warehouse Number 100

Typ	StorageBin	Material	Plnt	Batch	S	S	Special Stock Number	TiL
001	STBN-1-000	<<empty>>						
001	STBN-2-000	<<empty>>						
001	STBN-3-000	<<empty>>						
002	STBN-7-000	<<empty>>						
002	STBN-8-000	PRTR1000		SD00				
002	STBN-8-000	PRTR2000		SD00				1
002	STBN-9-000	<<empty>>						

Note: Your bin report might look different dependent on whether or not you have already processed a Warehouse Management case study.

Click on the exit icon  twice to return to the SAP Easy Access screen.



## Step 12: Create Transfer Order

**Task** Create a transfer order.

**Time** 10 min


**Short Description** Use the Easy Access Menu to create a transfer order to place your goods into your storage bin. It is a handoff from inventory management to warehouse management. The system recognizes that there are goods that have been received, but need to be put away.

**Name (Position)** Yoshi Agawa (Receiving Clerk)

To create a transfer order, follow the menu path:

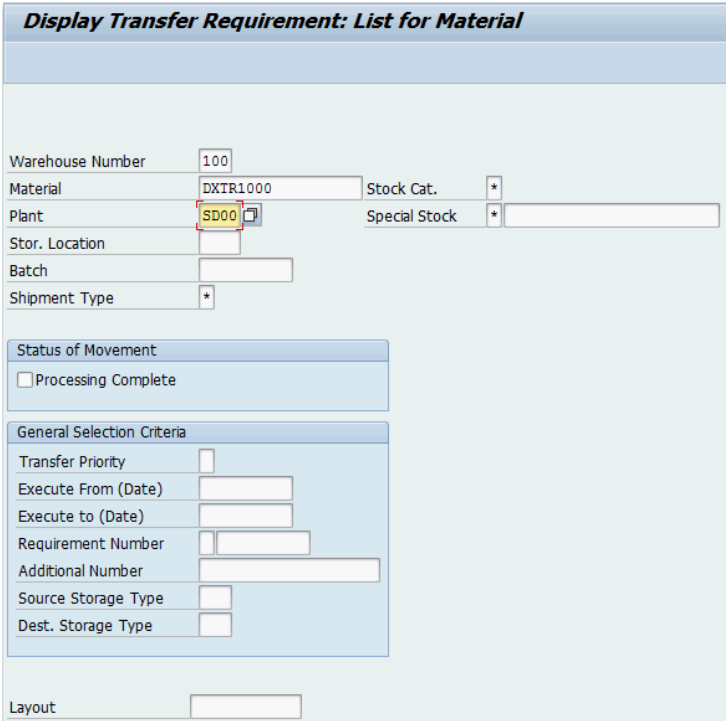
Menu path

**Logistics ▶ Logistics Execution ▶ Inbound Process ▶ Goods Receipt for Purchase Order, Order, Other Transactions ▶ Putaway ▶ Create Transfer Order ▶ For Material**

In the *Display Transfer Requirement: List of Material* screen, enter **100** (for your San Diego Warehouse) as Warehouse Number, **DXTR1###** as Material (replace ### with your number) and **SD00** as Plant. Then, click on  or press Enter.

100  
DXTR1###

SD00



**Display Transfer Requirement: List for Material**

Warehouse Number: 100  
 Material: DXTR1000 Stock Cat.: \*  
 Plant: SD00 Special Stock: \*  
 Stor. Location:   
 Batch:   
 Shipment Type: \*

Status of Movement  
 Processing Complete

General Selection Criteria  
 Transfer Priority:   
 Execute From (Date):   
 Execute to (Date):   
 Requirement Number:   
 Additional Number:   
 Source Storage Type:   
 Dest. Storage Type:   
 Layout:

In the *Transfer Requirements for Material* screen, you should see a line item describing the goods just received for your stock transport order. The requirement number should be the same as the stock transport order



number you received earlier. Make sure that the line item is selected and click on the **TO in Foreground** button.

**Transfer Requirements for Material**

Whse number 100 San Diego Warehouse  
 Material DXTR1000 Deluxe Touring Bike (black)

S	TR Number	Item	Pr	MTy	Description	R	Rqmnt.No.	Open quantity	AUn	C
<input checked="" type="checkbox"/>	0000000012	0001		101	Goods receipt for pur.or.	B	4500000001	10	EA	

In the *Create TO for TR 00000000XX 0001: Prepare for Putaway* screen, hit or press Enter to copy your quantity of 10 from the *Palletization* section to the *Items* section. Enter **001** as Sec, **STBN-7-###** as Destination Bin (replace ### with your number) and use F4 to select **Pallet Storage** as Type. Confirm your entries by clicking or pressing Enter.

001  
 STBN-7-###  
 002 (Pallet Storage)

**Create TO for TR 0000000012 0001: Prepare for Putaway**

Generate + Next Mat. Pre-Allocated Stock Add to Existing Stock

Material DXTR1000 Deluxe Touring Bike (black)  
 Plant/Stor.loc. SD00 FG00 Movement Type 101 Goods receipt for pur.or.  
 Stock Category Source Stor.Bin 003 4500000001  
 Special Stock GR Date 07/18/2011

Palletization				Quantities	
SU	Qty per SUnit	SUT	Typ	Sec	
<input checked="" type="checkbox"/>	X				
<input checked="" type="checkbox"/>	X 10				

Quantities					
Stck plcmnt qty	Open Quantity	Total TO items			
10	0	0	EA		

Items								
Itm	Dest.target quantity	S...	T...	Sec	Destination Bin	Dest.storage unit	T	Batch
1	10			002 001	STBN-7-000		<input type="checkbox"/>	
2							<input type="checkbox"/>	
3							<input type="checkbox"/>	

Then, click on to save your transfer order. The system will assign a unique transfer order number.

Transfer Order Number

Please **write down this number.**

Click on the exit icon twice to return to the SAP Easy Access screen.

## Step 13: Confirm Transfer Order

**Task** Confirm your transfer order.

**Time** 5 min


**Short Description** Use the Easy Access Menu to confirm the transfer order you created in the previous step. This is confirming that the goods are physically in the storage bin indicated in the transfer order.

**Name (Position)** Yoshi Agawa (Receiving Clerk)

To confirm a transfer order, follow the menu path:

Menu path

**Logistics** ▶ **Logistics Execution** ▶ **Inbound Process** ▶ **Goods Receipt for Purchase Order, Order, Other Transactions** ▶ **Putaway** ▶ **Confirm Transfer Order** ▶ **Single Document** ▶ **In One Step**

In the *Confirm Transfer Order: Initial Screen*, enter the **TO Number** from the previous task and **100** as Warehouse Number. Then, click on  or press Enter.


TO Number  
100

Note: If you have not written down the number you can search for it using the transaction code *LT23*.

In the *Transfer Orders: List of Resident Documents* you have to fill in **100** as Warehouse number. Then, click on .

In the *Confirm Transfer Order: Overview of Transfer Order Items* screen, you should see an overview of your transfer order created in the previous step. Review all of the details to make sure you have the correct quantity and storage bin.

**Confirm Transfer Order: Overview of Transfer Order Items**


Confirm Internally  Enter Actual Data


Warehouse No.  Creation Date

TO Number  Group

Active worklist Inactive items Confirmed intern. Confirmed

Item	Material	Plnt	Batch	D...	Dest. Bin	Actual qty	AUn	DI	Dest.diff.qty	SLoc
1	DXTR1000	SD00		002	STBN-7-000	10	EA			FG00

Then, click on  to confirm your transfer order. The system will return a success message.

 Transfer order 0000000013 confirmed

Click on the exit icon  twice to return to the SAP Easy Access screen.



 Step 14: Run Bin Status Report

**Task** Check the status of your bins again.

**Time** 5 min

**Short Description** Use the Easy Access Menu to run a bin status report, which will display a


detailed report of each storage bin within the specified warehouse.

**Name (Position)** Carolin Bruzik (Warehouse Supervisor)

To run a bin status report, follow the menu path:

Menu path

**Logistics ► Logistics Execution ► Internal Whse Processes ► Bins and Stock ► Display ► Bin Status Report**

In the *Bin Status Report: Initial Screen*, enter **100** (for your San Diego Warehouse) as Warehouse Number and **STBN\*###** as Storage bin (replace ### with your number). Then, click on .

100  
STBN\*###

**Bin Status Report: Overview**

Bin Status Report: Overview

Warehouse Number 100

Typ	StorageBin	Material	Plnt	Batch	\$	\$	Special Stock Number	TiL
001	STBN-1-000	<<empty>>						
001	STBN-2-000	<<empty>>						
001	STBN-3-000	<<empty>>						
002	STBN-7-000	DXTR1000		SD00				
002	STBN-8-000	PRTR1000		SD00				
002	STBN-8-000	PRTR2000		SD00				1
002	STBN-9-000	<<empty>>						

In the *Bin Status Report: Overview* screen you should see that the StorageBin **STBN-7-###** is filled now. Click on your material to display detailed information of this quant and check whether 10 pieces of your good are stored in your storage bin.


**Display Quant**

Physical inventory    Additional data...

Material	DXTR1000		Deluxe Touring Bike (black)	
Plant/Stor.loc.	SD00	FG00	Warehouse No.	100
Batch			Storage Type	002
Stock cat.			Storage Bin	STBN-7-000
Special stk			Quant	26
Picking Area				

Stock data				
Total stock	10	EA	GR Date	07/18/2011
Avail.stock	10		GR Number	500000001 1
Stock for put.	0		Last movement	07/18/2011 16:18:39
Pick quantity	0		Document number	13 1
Weight	187.614	LB	Certificate No.	
Cap.consumpt.	0.000			

Blocking indicators	
<input type="checkbox"/> Putaway block	<input type="checkbox"/> Curr.stk plcmnt
<input type="checkbox"/> Removal Block	<input type="checkbox"/> Current Removal
Blk.reason <input type="checkbox"/>	<input type="checkbox"/> Inventory Act.

Click on the exit icon  to return to the SAP Easy Access screen.



 WM II Challenge

**Learning Objective** Understand and perform a warehousing process for int. goods **Time** 80 min

**Motivation** After having finished the *Warehouse Management II* case study successfully you should now be able to solve the following challenge.

**Scenario** The warehouse management system has been tested without any problems, so the management decided to use the system productively. The distribution center in San Diego will be delivering customers very soon. In order to do so you need to ensure that there are enough black Deluxe Touring Bikes available on stock. Unfortunately, you cannot order any from your plant in Dallas, because due to problems with one of the assembly lines there are no free resources available. In order to have 50 black Deluxe Touring Bikes (estimation by the management) in San Diego on time you need to order them from your plant in Heidelberg (Germany). The delivery time is 10 days maximum.

As soon as the goods arrive in your DC in San Diego they need to be stored in the same bin where the black Touring Bikes from this case study already are.

**Task Information** You can use the *Warehouse Management II* case study as a guideline but it is recommended to complete this challenge without further assistance to prove your WM skills.

