

Introduction to MS Dynamics

NAV XI. (WHM)

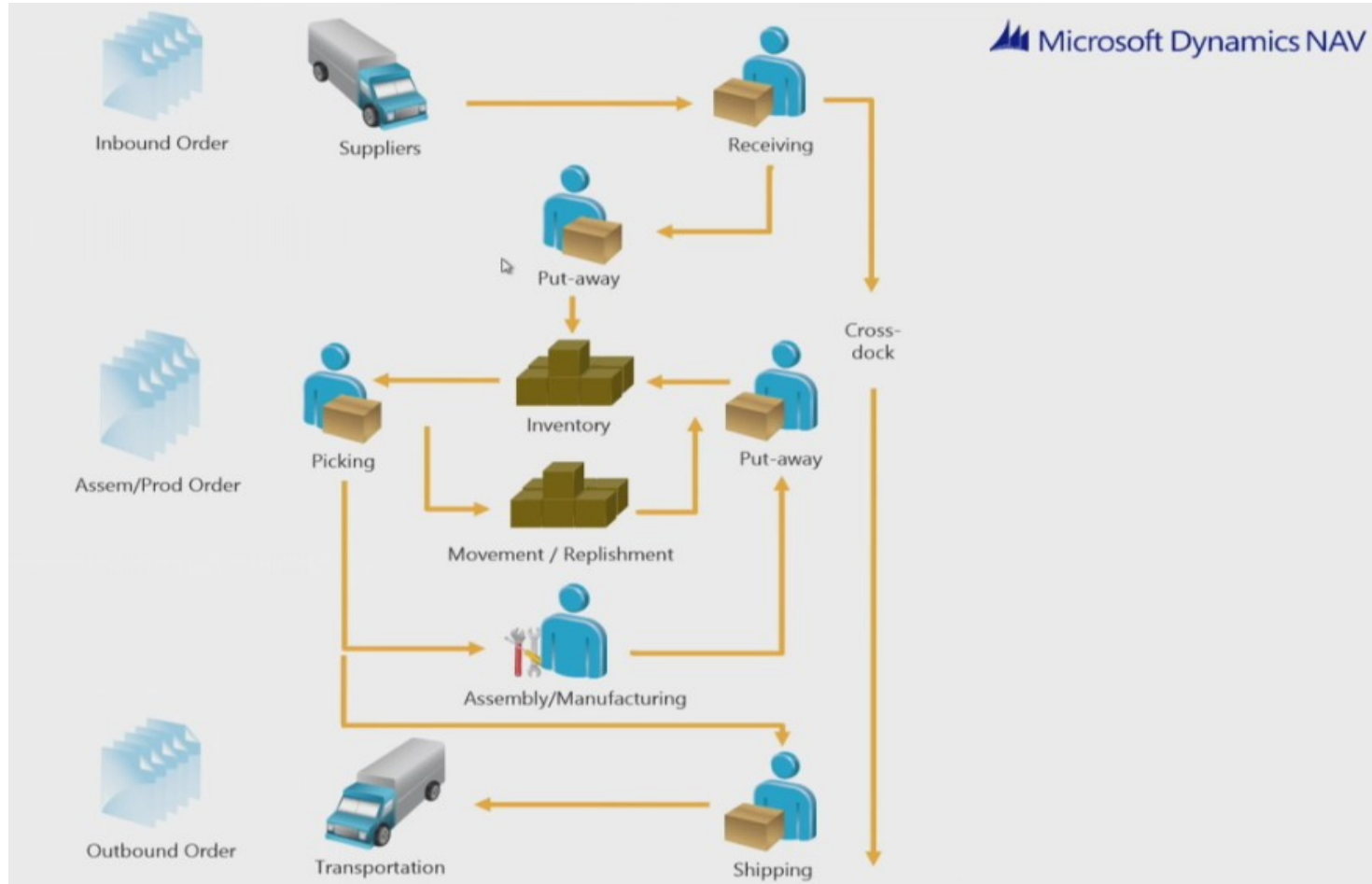
Ing.J.Skorkovský,CSc.

MASARYK UNIVERSITY BRNO, Czech Republic
Faculty of economics and business administration
Department of corporate economy

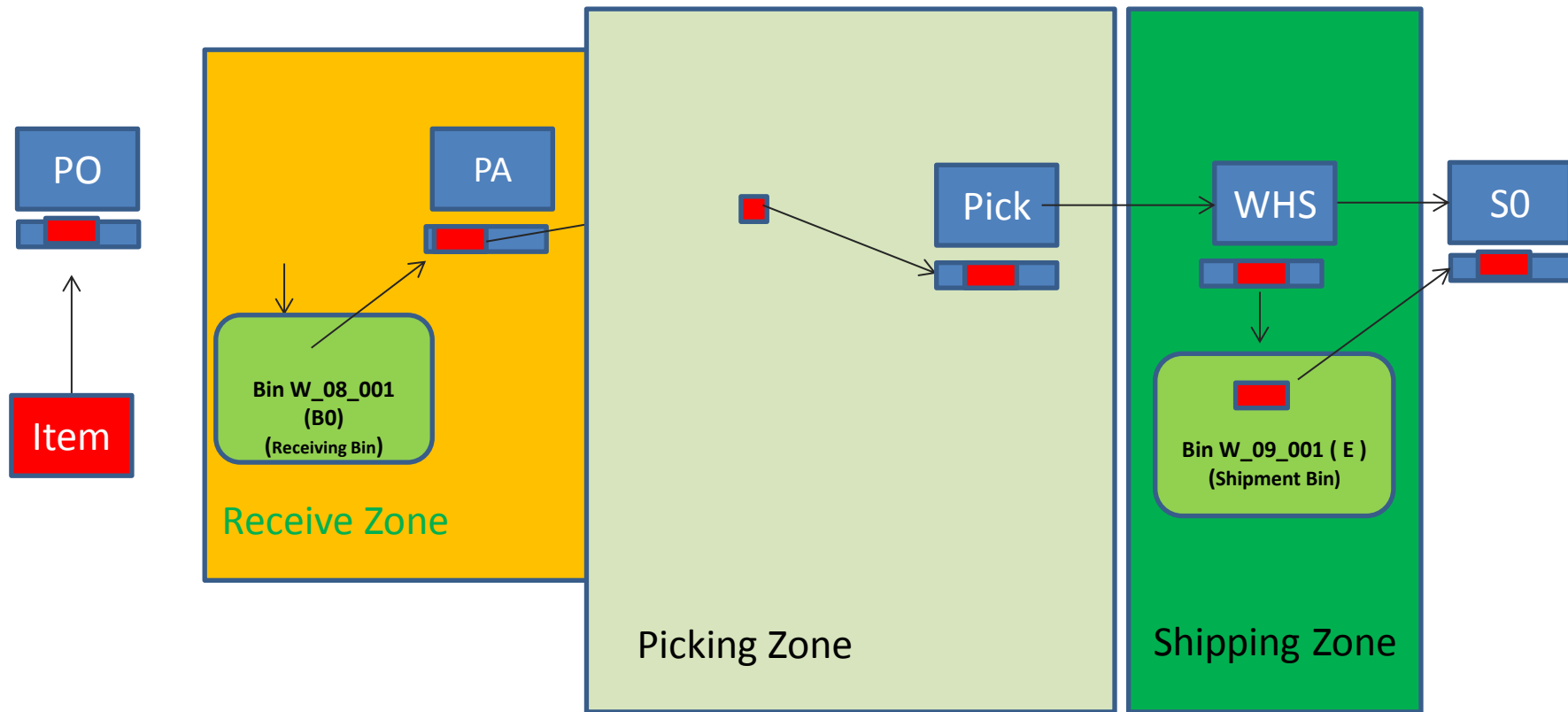
Simplified Warehouse Management (WM)

- Use of location White-see setup next slides
- WM creates **another types of entries** than Item Ledger Entries, Reservation Entries or Value Entries – **Warehouse Entries**
- Causes of these entries are another stock operations :
 - **Receipt**
 - **Put-away**
 - **Pick**
 - **Shipment**

Warehouse workflow



Main WM Outline



WHR=Warehouse Receipt; PA=Put-away; PO=Purchase Order; SO=Sales Order

Location White I

Warehouse

- Orders & Contacts
- Planning & Execution
- Goods Handling Order by Order
- Goods Handling Multiple Orders
- Inventory
- History
- Setup
 - Inventory Setup
 - Warehouse Setup
 - Locations**

General | Communication | **Warehouse** | Bins | Bin Policies

Require Receive. . . .
Require Shipment
Require Put-away
Use Put-away Worksheet
Require Pick.
Bin Mandatory
Directed Put-away an...
Use ADCS.

Default Bin Selection. . .
Outbound Whse. Han...
Inbound Whse. Handli...
Base Calendar Code. . .
Customized Calendar . No
Use Cross-Docking . . .
Cross-Dock Due Date ...

General | Communication | Warehouse | **Bins** | Bin Policies

Receipt
Receipt Bin Code . . .

Shipment
Shipment Bin Code. . .

Production
Open Shop Floor Bin C...
Inbound Production Bi...
Outbound Production ...

Adjustment
Adjustment Bin Code . .

Cross-Dock
Cross-Dock Bin Code . .

Bill of Material
Inbound BOM Bin Code .
Outbound BOM Bin Code.

Location White II

General Communication Warehouse **Bins** Bin Policies

Receipt
Receipt Bin Code W-08-0001 ↑

Shipment
Shipment Bin Code. . . . W-09-0001 ↑

Production
Open Shop Floor Bin C... W-07-0001 ↑
Inbound Production Bi... W-07-0002 ↑
Outbound Production ... W-07-0003 ↑

Adjustment
Adjustment Bin Code . . W-11-0001 ↑

Cross-Dock
Cross-Dock Bin Code . . W-14-0001 ↑

Bill of Material
Inbound BOM Bin Code ↑
Outbound BOM Bin Code. ↑

Code	Description	Empty	Default
W-08-0001		✓	

PO and Open->Release

General Invoicing Shipping Foreign Trade E-Commerce Prepayment

No. 106028 [edit] Posting Date 09.09.12
Buy-from Vendor No. 10000 [up] Order Date 09.09.12
Buy-from Contact No. CT000066 [up] Document Date 09.09.12
Buy-from Vendor Name London Postmaster Quote No.
Buy-from Address 10 North Lake Avenue Vendor Order No.
Buy-from Address 2 Vendor Shipment No.
Buy-from Post Code/City N12 5XY [up] London [up] Vendor Invoice No.
Buy-from Contact Mrs. Carol Philips Order Address Code. [up]
No. of Archived Versions. 0 Purchaser Code RL [up]
Responsibility Center LONDON [up]
Assigned User ID [up]
Status Released

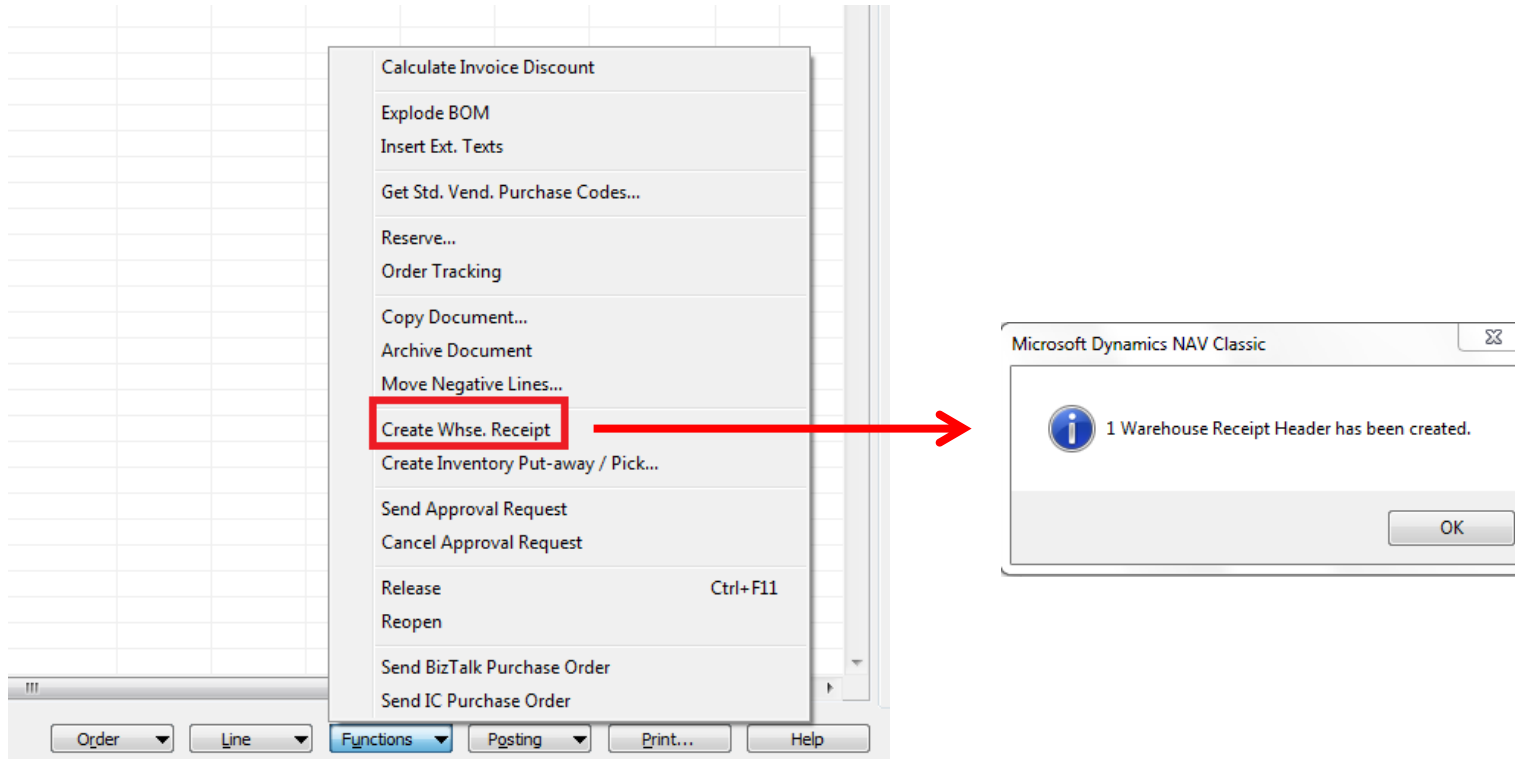
Vendor Information
Buy-from Vendor [edit]
• Order Addresses (2)
• Contacts (3)
• Purchase History
Pay-to Vendor

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measure ...	Direct Unit Cost Excl...	Line Amount Excl. VAT	Line Disco...	Qty. to Receive
Item	1896-S	ATHENS Desk	WHITE	10		PCS	506,60	5 066,00		

Item Information
• Item Card [edit]
• Availability (10)
• Purchase Prices (0)
• Purchase Line Di... (0)

Order Line Functions Posting Print... Help

Creation of the Warehouse Receipt



WH Receipt (F11->PA created)

General

No. RE000006

Location Code. WHITE

Zone Code RECEIVE

Bin Code W-08-0001

Document Status

Posting Date 09.09.12

Vendor Shipment No.

Assigned User ID

Assignment Date

Assignment Time

Sorting Method

S... Source No.	Item No.	Description	Quantity	Qty. to R...	Qty. Rec...	Qty. Out...	Due Date	Unit of M...	Qty. per ...
P...	106028	1896-S ATHENS Desk	10	10	0	10	10.09.12	PCS	1

Microsoft Dynamics NAV Classic

Number of source documents posted: 1 out of a total of 1.
Number of put-away activities created: 1.

OK

Microsoft Dynamics NAV Classic

Do you want to post the receipt?

Ano Ne

Receipt Line Functions Posting Print... Help

Receipt bin content

General

No. RE000004

Location Code. WHITE

Zone Code RECEIVE

Bin Code **W-08-0001**

Document Status



Warehouse

- Orders & Contacts
- Planning & Execution
- Goods Handling Order by Order
- Goods Handling Multiple Orders
- Inventory
- History
- Posted Documents
 - Posted Receipts**
 - Posted Purchase Receipts



Code	Description	Empty	Default
W-08-0001			
W-08-0002		✓	
W-08-0003		✓	
W-08-0004		✓	

OK Cancel **Bin** Help

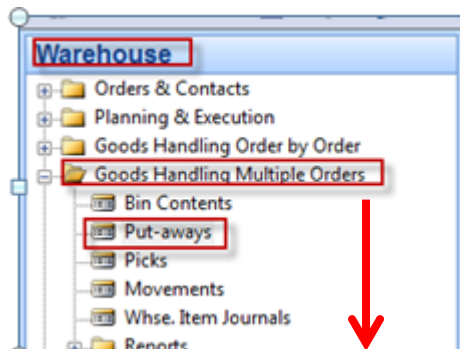


Location ...	Bin Code	Item No.	Default	Fixed	Quantity	Quantity ...
WHITE	W-08-0001	1896-S			10	10

PO Lines after WH Receipt was posted

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measure ...	Direct Unit Cost Exd...	Line Amount Excl. VAT	Line Disco...	Qty. to Receive	Quantity Received	Qty. to Invoice	Item Information
Item	1896-S	ATHENS Desk	WHITE	10		PCS	506,60	5 066,00			10		<ul style="list-style-type: none"> Item Card (0) Availability (10) Purchase Prices (0) Purchase Line Dj... (0)

Created Put-aways



General												
No.		PU000004		Assigned User ID								
Location Code.		WHITE		Assignment Date								
Breakbulk Filter		<input type="checkbox"/>		Assignment Time								
				Sorting Method								
Source Docum...	Source No.	Item No.	Description	Location ...	Zone Code	Bin Code	Quantity	Qty. to H...	Qty. Han...	Qty. Out...	Due Date	Unit of M..
Purchase Order	106028	1896-S	ATHENS Desk	WHITE	RECEIVE	W-08-0001	10	10	0	10	10.09.12	PCS
Purchase Order	106028	1896-S	ATHENS Desk	WHITE	PICK	W-03-0001	10	10	0	10	10.09.12	PCS

You can show a column there Action /Take-Place)

Registering Put-aways (F11)

The screenshot shows the Warehouse software interface. On the left is a navigation tree with 'Bin Contents' highlighted. The main area displays a table of bin entries. The 'W-03-0001' entry for item '1896-S' is highlighted with a red box.

Bin Code	Unit of M...	Item No.	Default	Warehous...	Bin Type ...	Bin Ranking	B...
S-01-0001	PCS	LS-75	✓				0
S-02-0001	PCS	LS-120	✓				0
S-03-0001	PCS	LS-150	✓				0
W-01-0001	PCS	LS-75			PUTPICK	100	
W-01-0002	PCS	LS-75			PUTPICK	90	
W-01-0003	BOX	LS-10PC			PUTPICK	90	
W-02-0001	PCS	LS-120			PUTPICK	100	
W-02-0002	PCS	LS-120			PUTPICK	90	
W-02-0003	PCS	LS-S15			PUTPICK	90	
W-02-0003	PCS	LS-150			PUTPICK	90	
W-03-0001	PCS	LS-150			PUTPICK	100	
W-03-0001	PCS	1896-S			PUTPICK	100	
W-03-0002	PCS	LS-150			PUTPICK	90	

The screenshot shows the item registration form. The 'Item Description' is 'ANTWERP Conference Table' and the 'Qty. on Adjustment Bin' is '0'. A dropdown menu for 'Line' is highlighted with a red box, and a blue arrow points from it to the text 'Warehouse Entries'.

Warehouse: 1
Style: ALAD10
Color: BEIGE
Moonlight Serenade
Beige
Roll/Lot: 20070
Quantity: 74' 1"
UM: LF
Length: 74' 1" Width: 12' 0"
Dye Lot: 2411
Mill Number: 20070

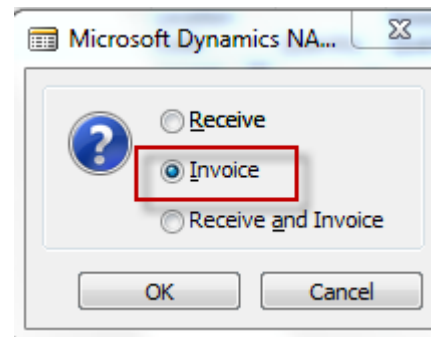
Warehouse Entries

Warehouse Entries

Entry Type	Location Code	Lot No.	Zone Code	Bin Code	Item No.	Description	Variant Code	Quantity	Unit of Measure Code
▶ Movement	WHITE		PICK	W-03-0001	1896-S			10	PCS



Posting PO (only Invoice)



Sales Order

General Invoicing Shipping Foreign Trade E-Commerce Prepayment

No. 1014 [edit]

Sell-to Customer No. 61000 [up]

Sell-to Contact No. CT000137 [up]

Sell-to Customer Name Fairway Sound

Sell-to Address 159 Fairway

Sell-to Address 2

Sell-to Post Code/City W2 8HG [up] London [up]

Sell-to Contact

No. of Archived Versions. [0]

Posting Date 09.09.12

Order Date 09.09.12

Document Date 09.09.12

Requested Delivery Date []

Promised Delivery Date []

Quote No. []

External Document No. []

Salesperson Code PS [up]

Campaign No. [] [up]

Opportunity No. [] [up]

Responsibility Center LONDON [up]

Assigned User ID [] [up]

Status Open

Customer Information

- Sell-to Customer [edit]
- Ship-to Addresses (0)
- Contacts (1)
- Sales History

Bill-to Customer

- Avail. Credit 0

Type	No.	Description	Location Code	Quantity	Reserved Quantity	Unit of Measu...	Unit Price Excl. VAT	Line Amount Excl. VAT	Line Disco...	Qty. to Ship	Quantity Shipped	Q Ir
Item	1896-S	ATHENS Desk	WHITE	5		PCS	649,40	3 247,00				

Item Information

- Item Card [edit]
- Availability (5)
- Substitutions (0)
- Sales Prices (0)
- Sales Line Di... (0)

10=5+5

Creation of Warehouse Shipment

Before WH S creation change SO status from Open to Released !!

The image shows a screenshot of the Microsoft Dynamics NAV Classic interface. On the left, a context menu is open over a table with columns for 'Reserved Quantity' and 'Unit Measure'. The 'Create Whse. Shipment' option is highlighted with a blue box, and a blue arrow points from it to a confirmation dialog box on the right. The dialog box, titled 'Microsoft Dynamics NAV Classic', contains an information icon and the text '1 Warehouse Shipment Header has been created.' with an 'OK' button at the bottom right.

Reserved Quantity	Unit Measure
5	PCS

Microsoft Dynamics NAV Classic

1 Warehouse Shipment Header has been created.

OK

WHS Document and Pick Creation

General Shipping

No. SH000006 [...]

Location Code WHITE [↑]

Zone Code SHIP [↑]

Bin Code W-09-0001 [↑]

Document Status

Status Open

Posting Date 09.09.12

Assigned User ID [↑]

Assignment Date

Assignment Time

Sorting Method [v]

S...	Source No.	Item No.	Description	Quantity	Qty. to Ship	Qty. Ship...	Qty. Out...	Due Date	Unit of M...	Qty. per ...
▶ S...	1014	1896-S	ATHENS Desk	5	0	0	5	09.09.12	PCS	1

Shipment Line Functions Posting Print... Help

- Use Filters to Get Src. Docs....
- Get Source Documents... Alt+F5
- Release Ctrl+F11
- Reopen
- Autofill Qty. to Ship
- Delete Qty. to Ship
- Create Pick...**

Shipment Line Functions Posting Print... Help

Microsoft Dynamics NAV Classic

Pick activity no. PI000004 has been created.

OK

Created Pick

CRONUS International Ltd. - Microsoft Dynamics NAV Classic - [PI000004 - Warehouse Pick]

File Edit View Tools Window Help

Warehouse

- Orders & Contacts
- Goods Handling Order by Order
- Goods Handling Multiple Orders**
- Bin Contents
- Put-aways
- Picks**
- Movements
- Whse. Item Journals
- Reports
- Documents

General

No. PI000004 Assigned User ID

Location Code. WHITE Assignment Date

Breakbulk Filter Assignment Time

Sorting Method

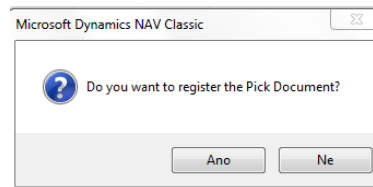
Action Type	Source Document	Source No.	Item No.	Description	Lot No.	Zone Code	Bin Code	Quantity	Qty. to Handle	Qty. I
Take	Sales Order	1014	1896-S	ATHENS Desk		PICK	W-03-0001	5	0	
Place	Sales Order	1014	1896-S	ATHENS Desk		SHIP	W-09-0001	5	0	



W-03-0001





W-09-0001




Before Registering ...

General

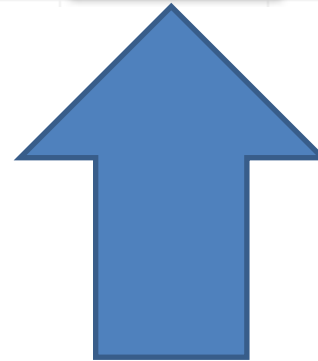
No.  Assigned User ID 

Location Code. Assignment Date

Breakbulk Filter Assignment Time

Sorting Method 

No.	Description	Lot No.	Zone Code	Bin Code	Quantity	Qty. to Handle	Qty. Handled	Qty. Outstanding	Due Date	Unit of Measure Code
▶ 6-S	ATHENS Desk		PICK	W-03-0001	5	<input type="text" value="5"/>	0	5	09.09.12	PCS
6-S	ATHENS Desk		SHIP	W-09-0001	5	5	0	5	09.09.12	PCS



Enter Quantity to Handle

WH Shipment document

General Shipping

No. SH000006 Posting Date 09.09.12

Location Code WHITE Assigned User ID

Zone Code SHIP Assignment Date

Bin Code W-09-0001 Assignment Time

Document Status Completely Picked Sorting Method

Status Released

S...	D... Source No.	Item No.	Description	Quantity	Qty. to Ship	Qty. Shipped	Qty. Outstanding	Due Date	Unit of Measure ...	Qty. per Unit of M...
▶ S..	1014	1896-S	ATHENS Desk	5	5	0	5	09.09.12	PCS	1

Shipment Line Functions Posting Print... Help

- List F5
- Statistics F9
- Card Shift+F5
- Comments
- Shipments
- Invoices
- Prepayment Invoices
- Prepayment Credit Memos
- Dimensions
- Approvals
- Whse. Shipment Lines**
- Inv. Put-away/Pick Lines
- Planning
- Order Promising
- Drop Shipment
- Special Order
- Credit Cards Transaction Log Entries

Order Line Functions Posting

How to get there from SO ???

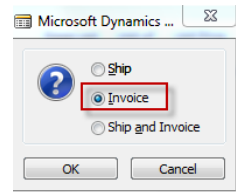
Microsoft Dynamics ...

Ship

Ship and Invoice

OK Cancel

SO –Post only Invoice



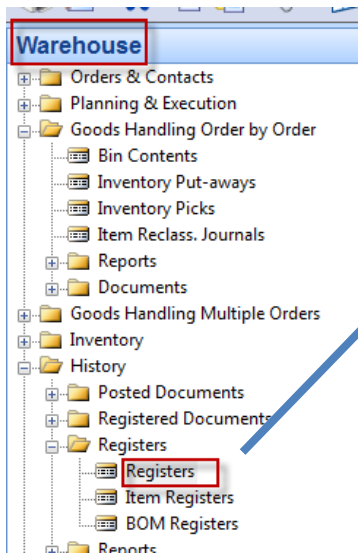
Warehouse Entries



See next slide

Warehouse Entries

Entry Type	Location Code	Zone Code	Bin Code	Item No.	Whse. Document No.	Description	Source No.	Quantity	Unit of Measure Code	Source Document No.	Source Line	Whse. Document
Positive Adjmt.	WHITE	RECEIVE	W-08-0001	1896-S	R_000004		106028	10	PCS	P. Order	10000	Receipt
Movement	WHITE	RECEIVE	W-08-0001	1896-S	R_000004		106028	-10	PCS	P. Order	10000	Receipt
Movement	WHITE	PICK	W-03-0001	1896-S	R_000004		106028	10	PCS	P. Order	10000	Receipt
Movement	WHITE	PICK	W-03-0001	1896-S	SH000006		1014	-5	PCS	S. Order	10000	Shipment
Movement	WHITE	SHIP	W-09-0001	1896-S	SH000006		1014	5	PCS	S. Order	10000	Shipment
▶ Negative Adjmt.	WHITE	SHIP	W-09-0001	1896-S	S 000002		1014	-5	PCS	S. Order	10000	Shipment



Comment : use filter F7=Item No.=1896-S in order to only Item used in our model!!!

End of the section XI.

