

# Introduction to MS Dynamics

## NAV IX. [\(Transfers Orders\)](#)

Ing.J.Skorkovský,CSc.

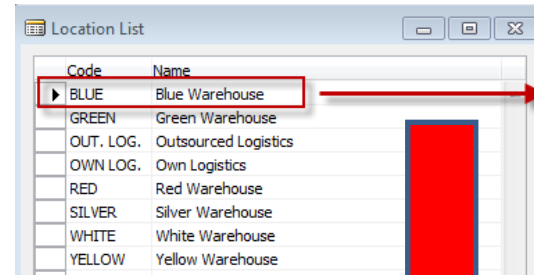
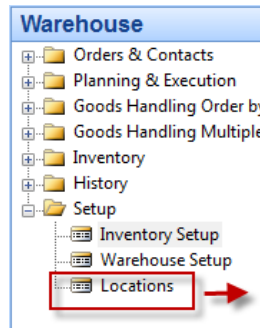
MASARYK UNIVERSITY BRNO, Czech Republic  
Faculty of economics and business administration  
Department of corporate economy

# Transfers and locations

- Benefits
  - Direct control of transfers : where (locations )do we have what (items) at any moment..
  - Responsibility of workers in warehouse (Pickers and Pullers)
  - Responsibility of drivers
  - Setup enables item tracking (batches, lots)
  - Better calculation of transport times due to specification of inbound and outbound handling times as well as time of delivery depending on setup of shipping agent services

# Locations and bins I.

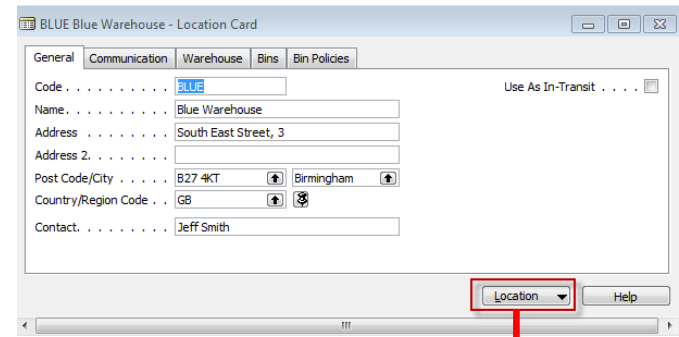
Storage hall (Location)



Storage zone



Bin



See bins on the next slide

# Location White and its bins

Location WHITE Item LS-75 - Bin Content

Bin Code	Bin Type Code	Zone Code	Bin Ranking	Fixed	Default	Item No.	Quantity
S-01-0001			0	✓	✓	LS-75	0
▶ W-01-0001	PUTPICK	PICK	100	✓		LS-75	4
W-01-0002	PUTPICK	PICK	90	✓		LS-75	0
W-05-0001	PUT AWAY	BULK	60			LS-75	12
W-05-0010	PUT AWAY	BULK	50	✓		LS-75	0
W-05-0011	PUT AWAY	BULK	50	✓		LS-75	0
W-09-0001	SHIP	SHIP	200			LS-75	10

Location WHITE - Bins

Code	Description	Empty
▶ W-01-0001		<input type="checkbox"/>
W-01-0002		<input checked="" type="checkbox"/>
W-01-0003		<input checked="" type="checkbox"/>
W-02-0001		
W-02-0002		<input checked="" type="checkbox"/>
W-02-0003		
W-03-0001		

Bin Help

WHITE White Warehouse - Location Card

General Communication Warehouse Bins Bin Policies

Code . . . . . WHITE Use As In-Transit . . . . .

Name . . . . . White Warehouse

Address . . . . . Merrily Grove Avenue 6, 2

Address 2 . . . . .

Post Code/City . . . . . WC1 2GS West End Lane

Country/Region Code . . . . . GB

Contact . . . . .

Location Help

# Basic warehouse movements



Default Bin Selection. . .	<input type="text"/>
Outbound Whse. Han...	<input type="text" value="2D"/>
Inbound Whse. Handl...	<input type="text" value="1D"/>
Base Calendar Code . . .	<input type="text"/>
Customized Calendar . .	<input type="text" value="No"/>
Use Cross-Docking . . .	<input type="checkbox"/>
Cross-Dock Due Date ...	<input type="text"/>

# Locations and basic setup shipment

General Communication Warehouse Bins Bin Policies

Code . . . . . BLUE

Name . . . . . Blue Warehouse

Address . . . . . South East Street, 3

Address 2 . . . . .

Post Code/City . . . . . B27 4KT Birmingham

Country/Region Code . . . . . GB

Contact . . . . . Jeff Smith

Use As In-Transit . . . .



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...

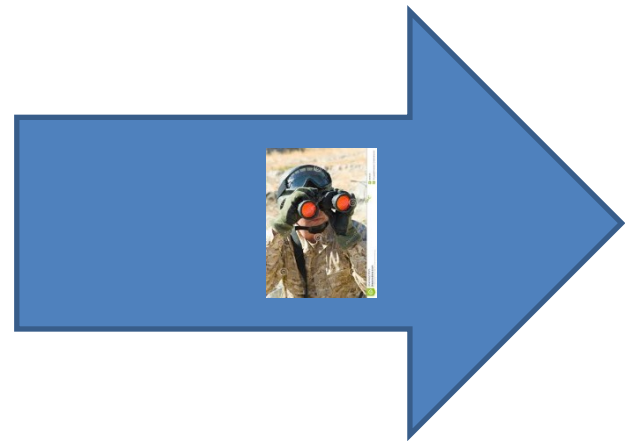
Base Calendar Code. . . . .

Customized Calendar . . . . . No

Use Cross-Docking . . . . .

Cross-Dock Due Date ...

- ### Sales & Marketing
- Quotes
  - Orders
  - Blanket Orders
  - Return Orders
  - Invoices
  - Credit Memos
  - Approval Entries
  - Approval Request Entries
  - Order Planning
  - Production Schedule
  - BizTalk Sales Documents
  - Reports
  - Documents
  - Setup
    - Item Charges
    - Payment Terms
    - Payment Methods
    - Customer Price Groups
    - Customer Disc. Groups
    - Standard Sales Codes
    - Item Discount Groups
    - Shipment Methods
    - Shipping Agents



# Setup shipment (either from Customer Card, Tab=Shipping or from Sales and Marketing Setup )

## Shipment methods

Code	Description
▶ CFR	Cost and Freight
CIF	Cost Insurance and Freight
CIP	Carriage and Insurance Paid
CPT	Carriage Paid to
DAF	Delivered at Frontier
DDP	Delivered Duty Paid
DDU	Delivered Duty Unpaid
DELIVERY	DELIVERY
DEQ	Delivered ex Quay
DES	Delivered ex Ship
EXW	Ex Warehouse
FAS	Free Alongside Ship
FCA	Free Carrier
FOB	Free on Board
PICKUP	Pickup at Location



## Shipment agents

Code	Name	Internet Address
DHL	DHL Systems, Inc.	<a href="http://www.dhl.com/track/track.post-track?a...">www.dhl.com/track/track.post-track?a...</a>
▶ FEDEX	Federal Express Corporation	<a href="http://www.fedex.com/cgi-bin/track_it?trk_n...">www.fedex.com/cgi-bin/track_it?trk_n...</a>
OWN LOG.	Own Logistics	
UPS	United Parcel Service of America, Inc.	<a href="http://wwwapps.ups.com/tracking/tracking.c...">wwwapps.ups.com/tracking/tracking.c...</a>

Line ▼ Help



# Agent services and Transfer routes

		<b>Agent services</b>		
Code	Description	Shipping Time	Base Calendar Code	Customized Calendar
NEXT DAY	Next day delivery		1D	No
STANDARD	Standard delivery		2D	No

**Warehouse**

- Orders & Contacts
- Planning & Execution
  - Items
    - Nonstock Items
    - Stockkeeping Units
    - Transfer Orders
    - Bin Contents
    - Create Invt. Put-away/Pick
    - Receipts
    - Shipments
    - Released Prod. Orders
    - Put-away Worksheets
    - Pick Worksheets
    - Movement Worksheets
    - Item Reclass. Journals
  - Reports
  - Documents
  - Setup Inventory
    - Product Groups
    - Item Tracking Codes
    - Nonstock Item Setup
    - Transfer Routes

**Options**

Show . . . . . In-Transit Code ▼

Show Transfer-to Name .

## Transfer Routes

Transfer-...	Transfer-from Name	BLUE	GREEN	RED	SILVER	WHITE	YELLOW
BLUE	Blue Warehouse			OUT. LOG.		OWN LOG.	OUT. LOG.
GREEN	Green Warehouse			OWN LOG.		OWN LOG.	OWN LOG.
RED	Red Warehouse	OUT. LOG.					
▶ SILVER	Silver Warehouse						
WHITE	White Warehouse			OWN LOG.			
YELLOW	Yellow Warehouse						



# Transfer order



**Red Location**



**Blue Location**

1906-S ATHENS Mobile Pedestal - Item Card

General	Invoicing	Replenishment	Planning	Foreign Trade	Item Tracking	E-Commerce	Warehouse
No. . . . .	1906-S						
Description . . . . .	ATHENS Mobile Pedestal					Search Description . . .	ATHENS MOBILE ...
Base Unit of Measure . . . . .	PCS					Inventory . . . . .	254
Bill of Materials . . . . .	<input type="checkbox"/>					Qty. on Purch. Order . . .	50
Shelf No. . . . .	D4					Qty. on Prod. Order . . .	0
Automatic Ext. Texts . . . . .	<input type="checkbox"/>					Qty. on Component Lines	0
Created From Nonstoc... . . . .	<input type="checkbox"/>					Qty. on Sales Order . . .	33
Item Category Code. . . . .						Qty. on Service Order . . .	0
Product Group Code. . . . .						Service Item Group . . .	
						Blocked . . . . .	<input type="checkbox"/>
						Last Date Modified . . .	11.12.10

Item Sales Purchases Functions Help



# Item by Location (from button Item)

1906-S ATHENS Mobile Pedestal - Items by Location

Options

Show Items in Transit . .

Show Column Name . . .

No.	Description	BLUE	GREEN	RED	SILVER	WHITE	YELLOW
Z100	Lever	0	0	2	0	0	0
1896-S	ATHENS Desk	2	49	11	0	12	160
1900-S	PARIS Guest Chair, black	52	41	46	0	0	160
▶ 1906-S	ATHENS Mobile Pedestal	70	88	56	0	0	0
1908-S	LONDON Swivel Chair, blue	234	57	14	0	0	0
1920-S	ANTWERP Conference Table	31	65	10	0	7	0
1924-W	CHAMONIX Base Storage Unit	1	8	2	0	0	15
1928-S	AMSTERDAM Lamp	149	-19	55	0	0	97
1928-W	ST.MORITZ Storage Unit/Drawers	4	23	-1	0	0	41
1936-S	BERLIN Guest Chair, yellow	46	46	50	0	0	0
1952-W	OSLO Storage Unit/Shelf	9	-1	7	0	0	0
1960-S	ROME Guest Chair, green	145	0	24	0	0	0
1964-S	TOKYO Guest Chair, blue	58	60	29	0	0	0
1964-W	INNSBRUCK Storage Unit/G.Door	16	27	-2	0	0	8
1968-S	MEXICO Swivel Chair, black	235	14	15	0	0	0
1968-W	GRENOBLE Whiteboard, red	0	4	4	0	0	10
1972-S	MUNICH Swivel Chair, yellow	35	-1	-4	0	0	90

# Transfer Order

General | Transfer-from | Transfer-to | Foreign Trade

No. . . . . 1011

Posting Date . . . . . 09.09.12

Transfer-from Code . . . RED

Transfer-to Code . . . . BLUE

In-Transit Code . . . . OUT. LOG.

Department Code . . . . SALES

Project Code . . . . .

Assigned User ID . . . .

Status . . . . . Open

Item No.	Description	Quantity	Reserved Quantity Inbnd.	Reserved Quantity Shipped	Reserved Quantity Outbnd.	Unit of Measure Code	Qty. to Ship	Quantity Shipped	Qty. to Receive	Quantity Received	Shipment Date	Receipt Date
1896-S	ATHENS Desk	1				PCS	1				09.09.12	11.09.12

General | Transfer-from | Transfer-to | Foreign Trade

Transfer-from Name . . . Red Warehouse

Transfer-from Name 2 . . .

Transfer-from Address . Main Ashford Street, 2

Transfer-from Address 2 .

Transfer-from Post Co... TN27 6YD  Ashford

Transfer-from Contact . . Carole Poland

Shipment Date . . . . . 09.09.12

Outbound Whse. Hand...

Shipment Method Code .

Shipping Agent Code . . FEDEX

Shipping Agent Service... NEXT DAY

Shipping Time . . . . . 1D

Shipping Advice . . . . . Partial

General | Transfer-from | Transfer-to | Foreign Trade

Transfer-to Name . . . . Blue Warehouse

Transfer-to Name 2 . . .

Transfer-to Address . . . South East Street, 3

Transfer-to Address 2 . .

Transfer-to Post Code... B27 4KT  Birmingham

Transfer-to Contact . . . Jeff Smith

Receipt Date . . . . . 11.09.12

Inbound Whse. Handl... 1D

Next day (1 D ) + Inbound Whse.Handling Time (1D) = 2D -> 9.9.12 + 2D = 11.9.2012

# Posting TO (2 times F11)

Microsoft Dynamics ...

Ship  
 Receive

OK Cancel

Item No.	Description	Quantity	Reserved Quantity Inbnd.	Reserved Quantity Shipped	Reserved Quantity Outbnd.	Unit of Measure Code	Qty. to Ship	Quantity Shipped	Qty. to Receive	Quantity Received	Shipment Date	Receipt Date
▶ 1896-S	ATHENS Desk	1				PCS			1	1	09.09.12	11.09.12

Microsoft Dynamics ...

Ship  
 Receive

OK Cancel

## Item Ledger Entries

26.01.12	Sale	Sales Shipment	102035	1896-S	RED	-1	-1	0	649,40	-481,27
26.01.12	Sale	Sales Shipment	102035	1896-S	RED	-1	-1	0	649,40	-481,27
09.09.12	Transfer	Transfer Shipment	108006	1896-S	RED	-1	-1	0	0,00	-481,27
09.09.12	Transfer	Transfer Shipment	108006	1896-S	OUT. ...	1	1	0	0,00	481,27
09.09.12	Transfer	Transfer Receipt	109003	1896-S	OUT. ...	-1	-1	0	0,00	-481,27
09.09.12	Transfer	Transfer Receipt	109003	1896-S	BLUE	1	1	1	0,00	481,27

The time is same instead of having two dates 9.9.12 and 11.9.12. The reason is as follows : both movement were posted at same date !!

# Transfer by use of Item Reclass.Journal

**Warehouse**

- Inventory
- Planning & Execution
- Setup
- Goods Handling Multiple Orders
- Inventory
  - Item Journals
  - BOM Journals
  - Item Reclass. Journals**
  - Phys. Inventory Journals
  - Revaluation Journals



Batch Name . . . . . DEFAULT

Posting Date	Document No.	Item No.	Description	Location Code	New Location Code	Quantity	Unit of Measure Code	Applies-to Entry
09.09.12	T01006	1896-S	ATHENS Desk	RED	BLUE	1	PCS	0



## Item Ledger Entries

09.09.12	Transfer		T01006	1896-S	RED	-1	-1	0	0,00	-481,27
09.09.12	Transfer		T01006	1896-S	BLUE	1	1	1	0,00	481,27

End of the section IX.

