# Business Central Introduction III Transfers

(Used ERP=Microsoft Dynamics 365 Business Central)

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# Inventory locations and bins

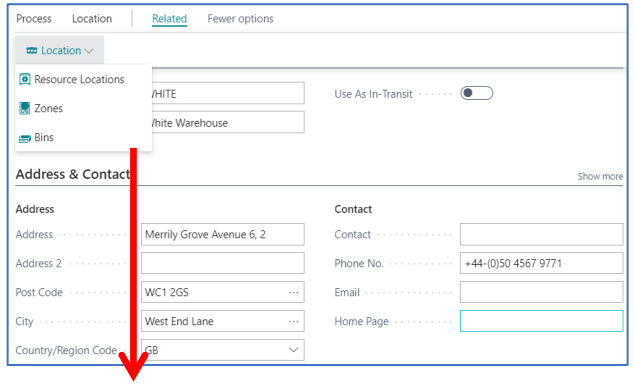
Location

Inventory zones

Bins

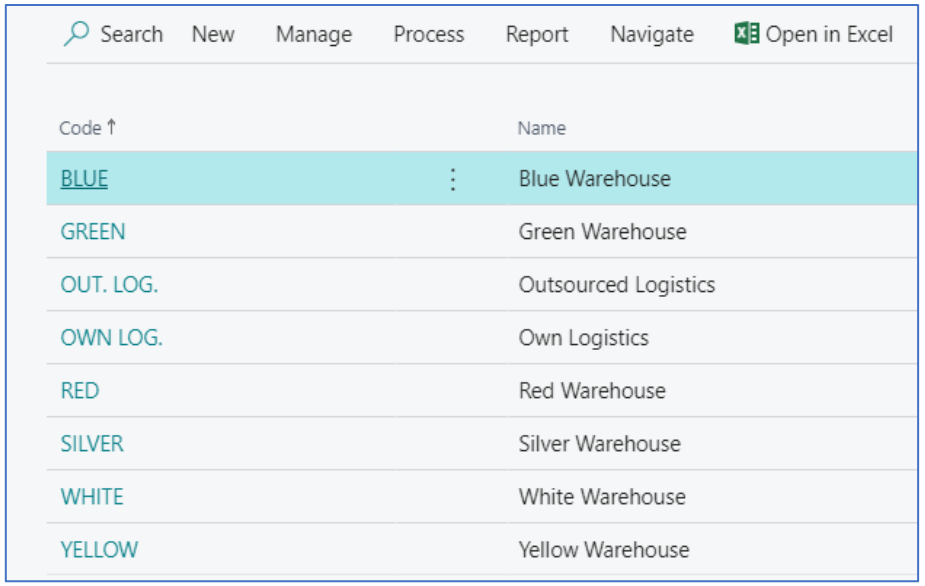
Search New Manage Process Report Navigate

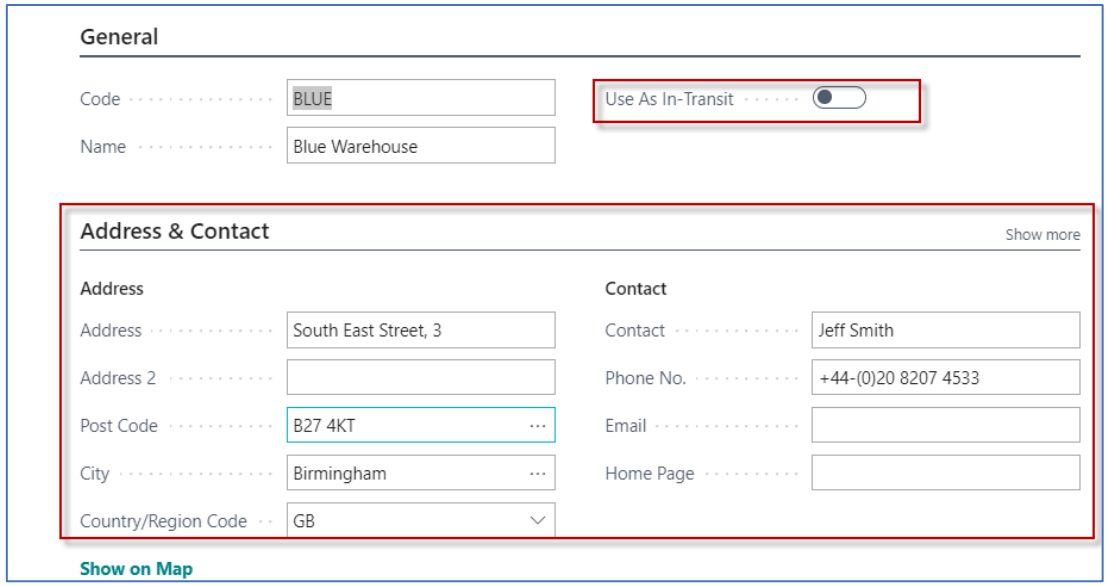
| Code | Name |
|---|---|
| BLUE | Blue Warehouse |
| GREEN | Green Warehouse |
| OUT. LOG. | Outsourced Logistics |
| OWN LOG. | Own Logistics |
| RED | Red Warehouse |
| SILVER | Silver Warehouse |
| WHITE | White Warehouse |
| YELLOW | Yellow Warehouse |



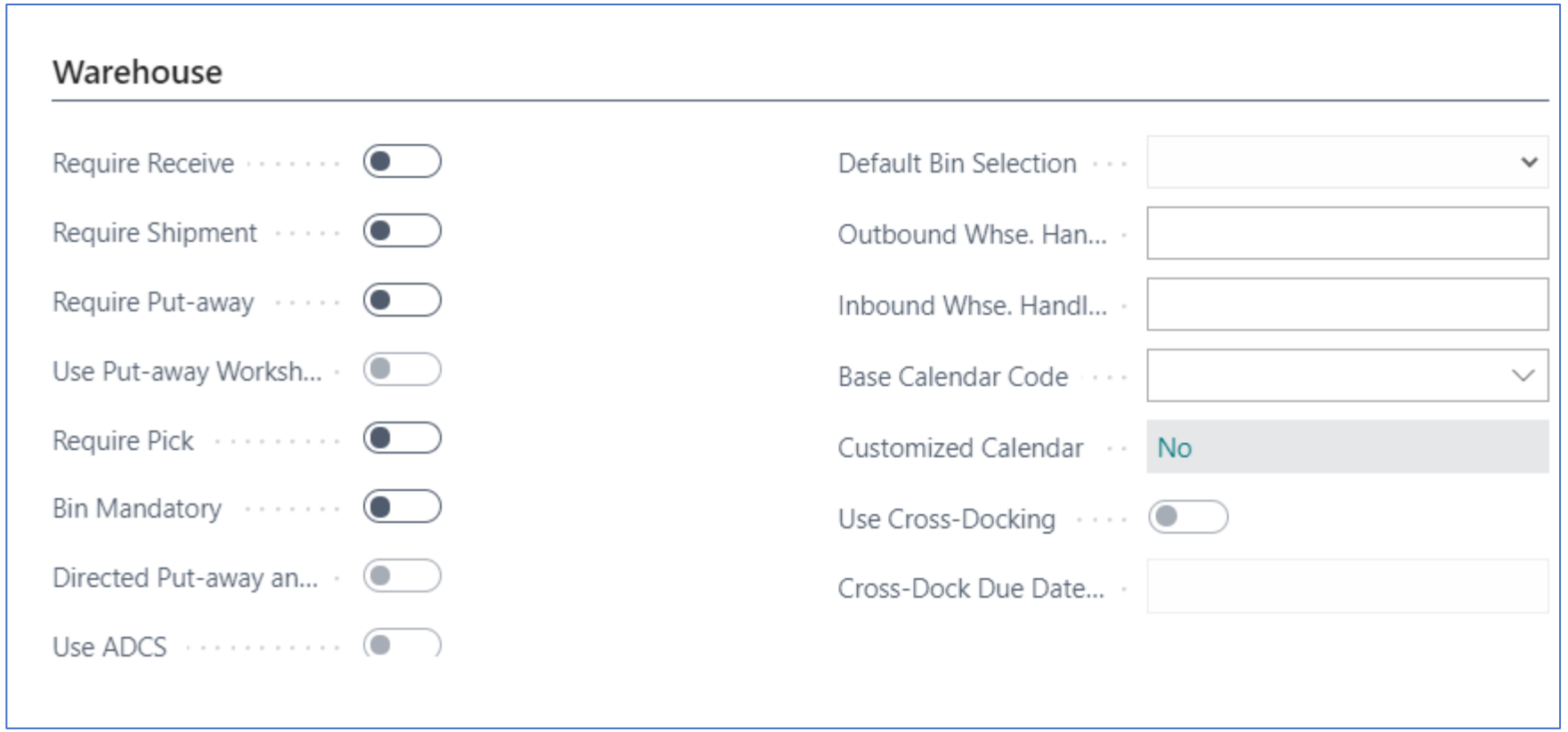

See bins on the next slides

# Locations I – stock (part of inventory management)

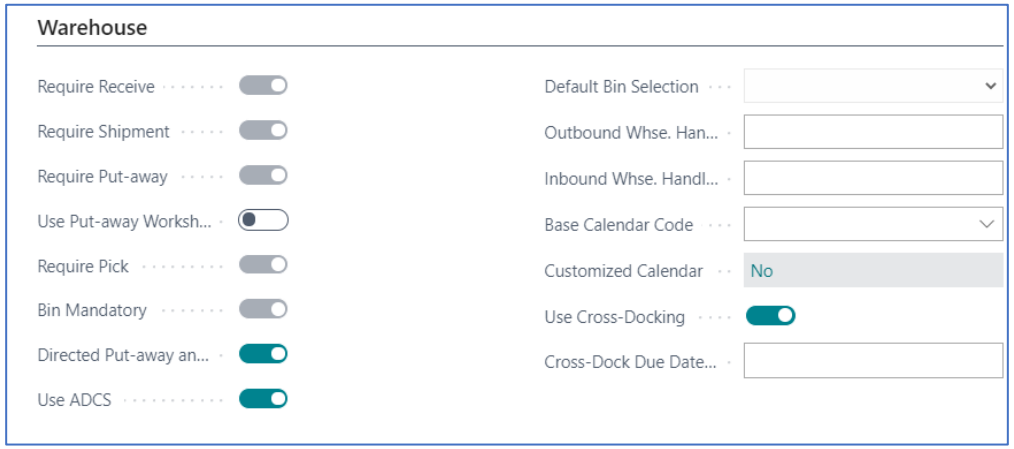


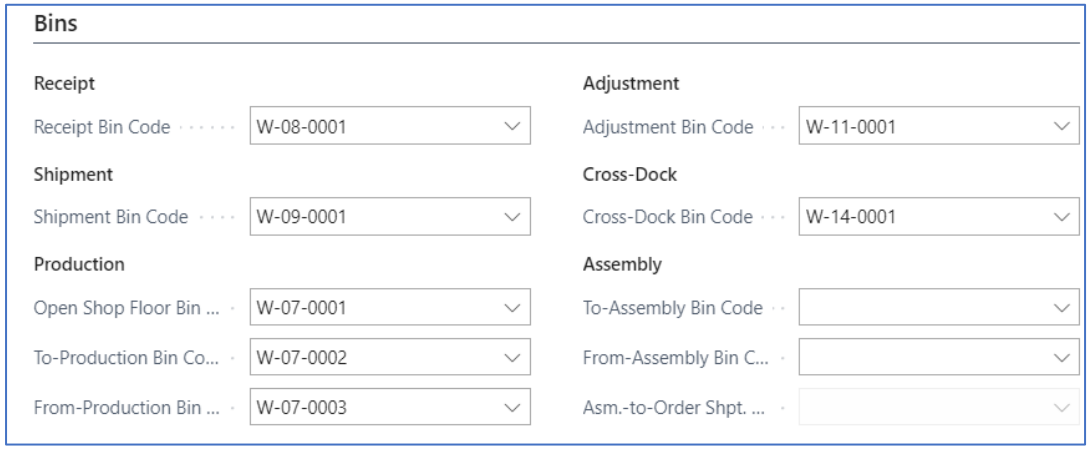



# Locations II –setup for locations Blue or Red



# Locations III – setup for location White (Advanced Warehouse Management) – It will be discussed in detail in the winter term




ADCS = Automated Data Capture Systém

The Automated Data Capture System (ADCS) solution provides a way for Business Central to communicate with handheld devices through web services. You must work with a Microsoft partner who can provide the link between the web service and the specific handheld device.

# Bins I.  (location white in our demo BC version)

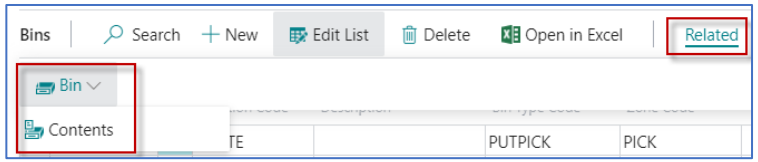
Bins | Search | New | Edit List | Delete | Open in Excel | More options

| Code | Location Code | Description | Bin Type Code | Zone Code | Bin Ranking | Emp... | Ded... |
|---|---|---|---|---|---|---|---|
| W-01-0001 | WHITE | | PUTPICK | PICK | 100 | ☐ | ☐ |
| W-01-0002 | WHITE | | PUTPICK | PICK | 90 | ☑ | ☐ |
| W-01-0003 | WHITE | | PUTPICK | PICK | 90 | ☑ | ☐ |
| W-02-0001 | WHITE | | PUTPICK | PICK | 100 | ☐ | ☐ |
| W-02-0002 | WHITE | | PUTPICK | PICK | 90 | ☑ | ☐ |
| W-02-0003 | WHITE | | PUTPICK | PICK | 90 | ☐ | ☐ |
| W-03-0001 | WHITE | | PUTPICK | PICK | 100 | ☑ | ☐ |
| W-03-0002 | WHITE | | PUTPICK | PICK | 90 | ☑ | ☐ |
| W-03-0003 | WHITE | | PUTPICK | PICK | 90 | ☑ | ☐ |
| W-04-0001 | WHITE | | PUTPICK | PICK | 100 | ☑ | ☐ |

Bin  numbers. The bins are the smallest area of the warehouse.
Bins have several attributes (bin type, ranking, zone  code, weight, volume, position)

Bin Type Code : you can either put-away items into bins or you can pick items from bins

# Bins II.




Bin Content | Search | New | Edit List | Delete | Open in Excel

**Views**

*All

Filter list by:

- Bin Code: W-0*
- Location Code: WHITE
- Quantity: >0
- Item No.: L*

| Bin Code | Fixed | Default | Dedicated | Item No. | Quantity |
|---|---|---|---|---|---|
| W-01-0001 | ☑ | ☐ | ☐ | LS-75 | 4 |
| W-02-0001 | ☑ | ☐ | ☐ | LS-120 | 10 |
| W-02-0003 | ☐ | ☐ | ☐ | LS-150 | 37 |
| W-04-0012 | ☐ | ☐ | ☐ | LS-10PC | 20 |
| W-04-0013 | ☐ | ☐ | ☐ | LS-MAN-10 | 118 |
| W-04-0014 | ☐ | ☐ | ☐ | LS-2 | 17 |
| W-04-0015 | ☐ | ☐ | ☐ | LS-S15 | 12 |
| W-05-0001 | ☐ | ☐ | ☐ | LS-75 | 12 |
| W-05-0002 | ☐ | ☐ | ☐ | LS-120 | 6 |
| W-05-0003 | ☐ | ☐ | ☐ | LS-150 | 7 |
| W-05-0004 | ☑ | ☐ | ☐ | LS-10PC | 38 |
| W-05-0007 | ☐ | ☐ | ☐ | LS-100 | 32 |
| W-05-0008 | ☐ | ☐ | ☐ | LSU-15 | 28 |

# Graphical representation I.

Could be Location (hall, shed, assembly shop)

Inventory zone

Bin

# Times –> Locations-> Transfers

**Blue location**

Outbound Warehouse time=**OWT**

**Shipping time**

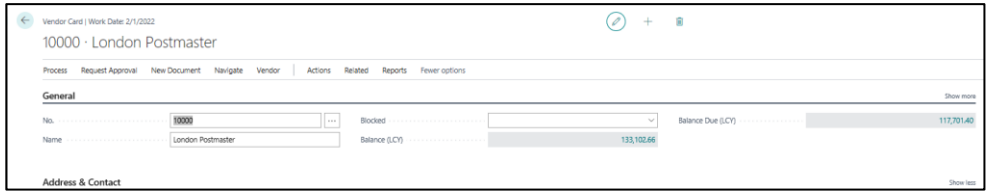
Inbound Warehouse time=**IWHT**

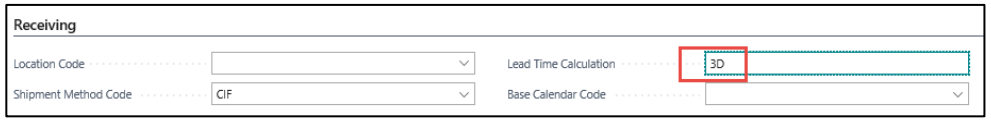
**Red location**

OWT

**Outsource/Own location=>vehicle**

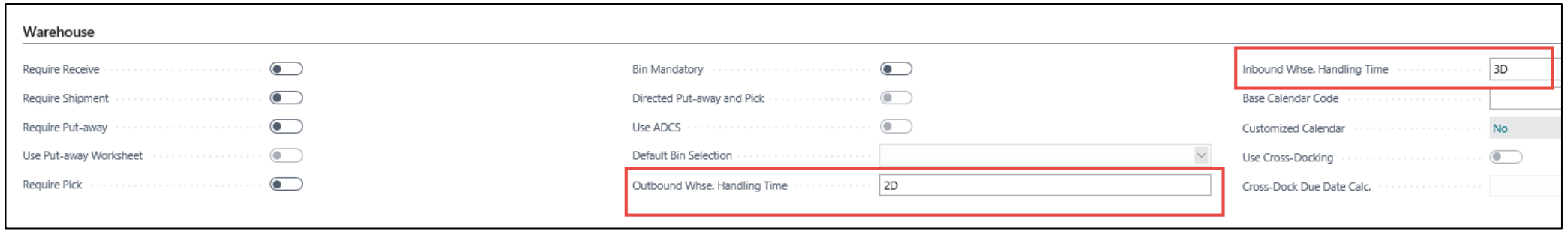
**Lead time**



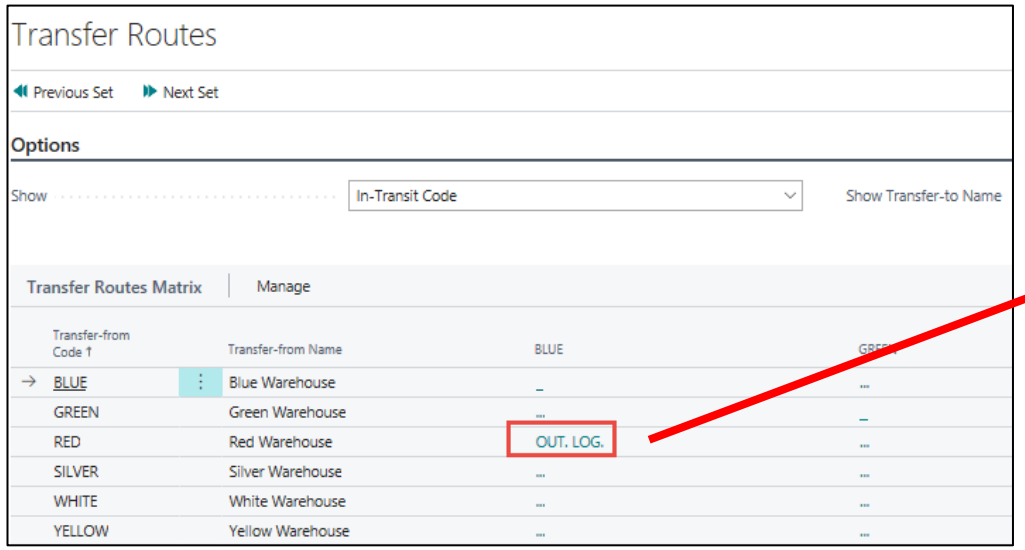



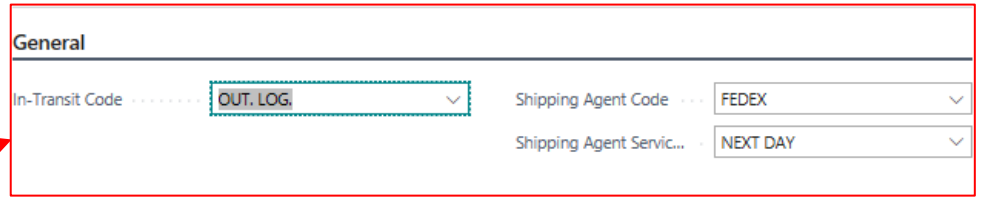

Purchase Order
and basic time parameters
such as lead time

# Parameters presented on previous slide I.




OWHT+IWHT+ST=2D+3D+1D=6D
(In this example). Later IWHT was changed to 2D only

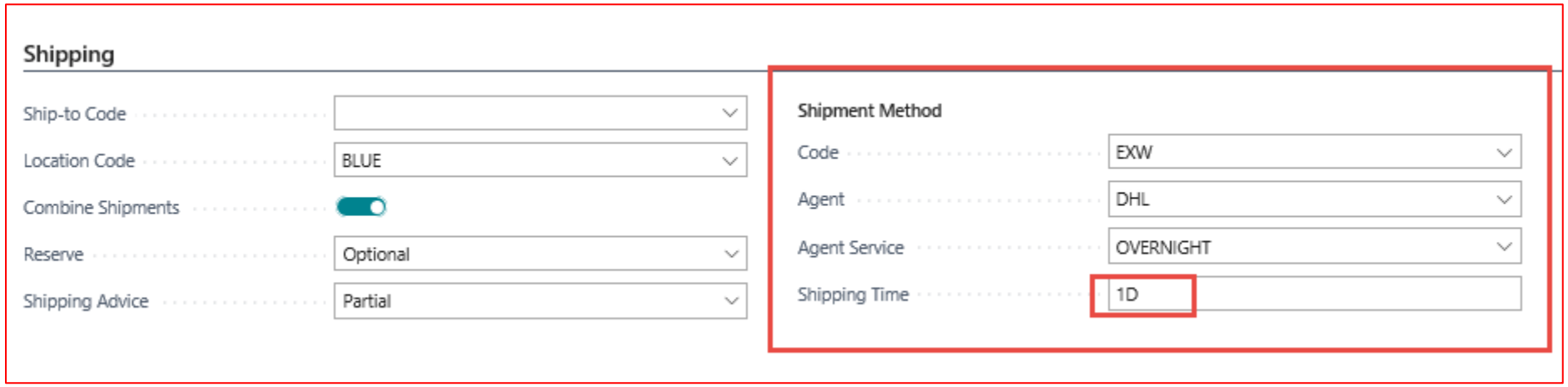


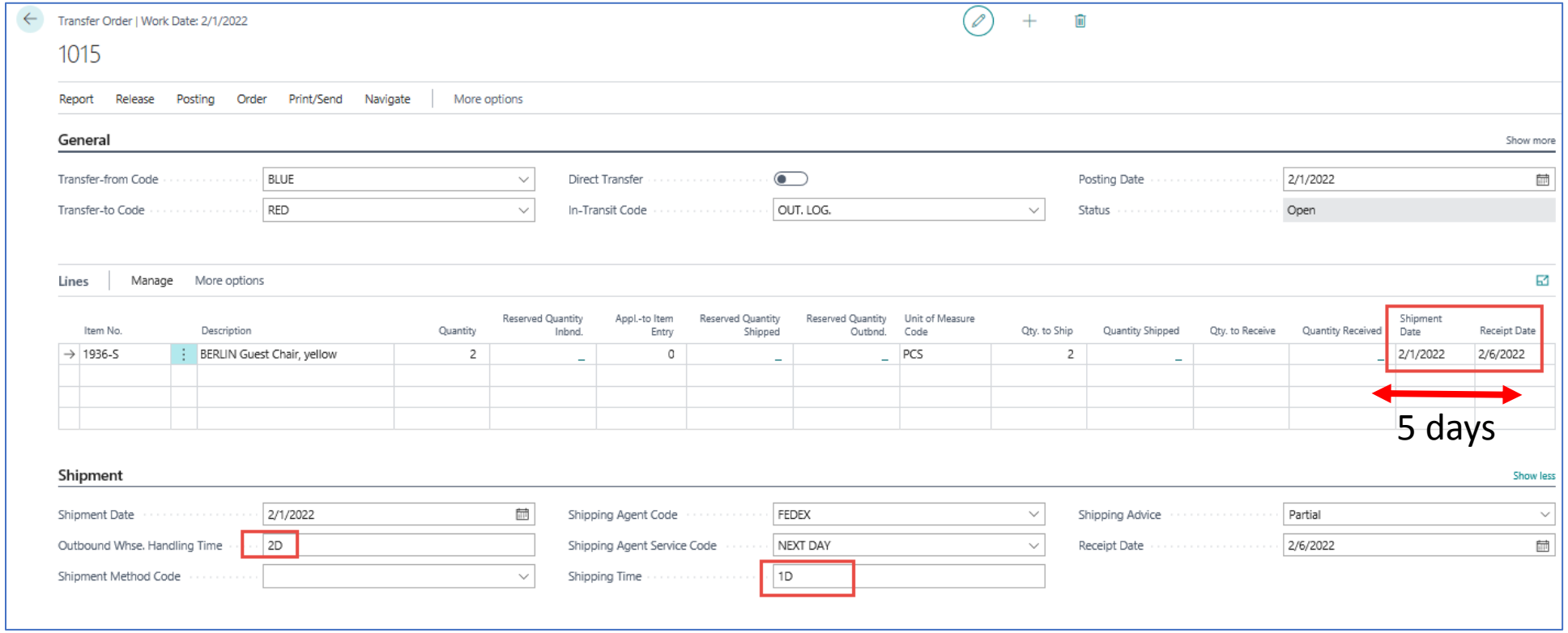
# Parameters presented on previous slide I.

Customer Card

Another possibility to specify Shipping tine on Customer card



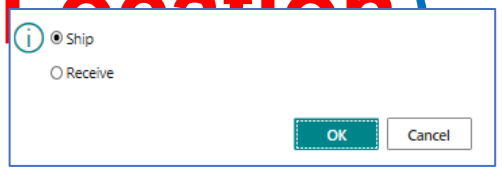
# Transfer Orders

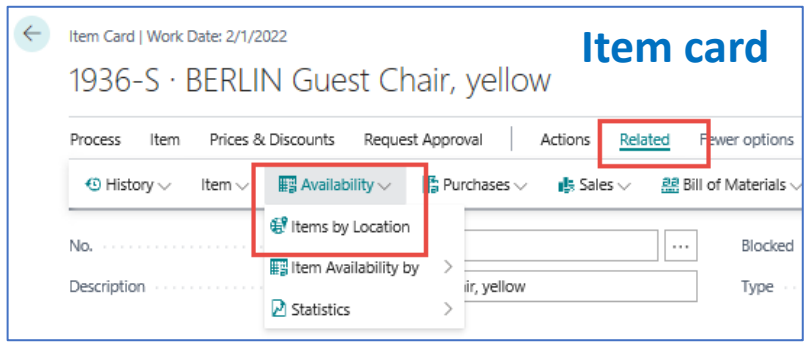


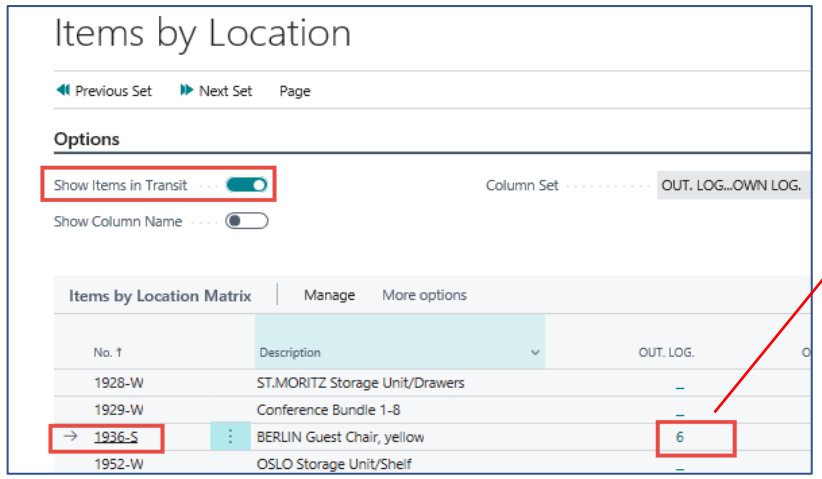

Inbound WH handling time – location red =2 days -> 5 D = 2D (Out WH HT Blue)+1D (shipping) + 2D (In WH HT Red)

WH = WareHouse

# Transfer Order – Posting two times (from **Blue Location** to Vehicle and From Vehicle to **Red Location**)

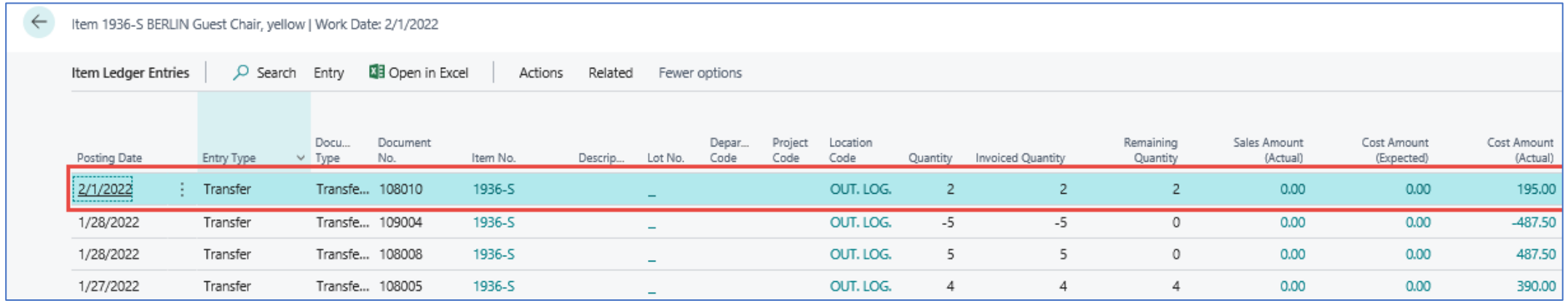


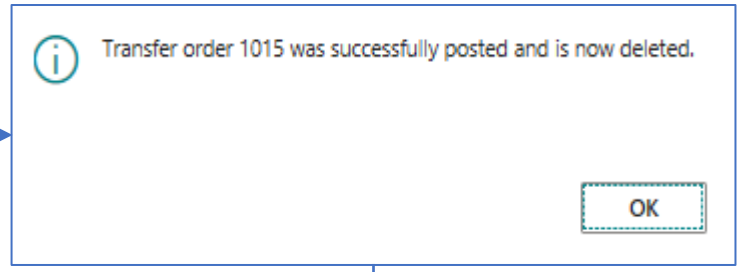
Calculated field

# Item ledger entries (transactions) after 1st post action




| Posting Date | Entry Type | Docu... Type | Document No. | Item No. | Descrip... | Lot No. | Depar... Code | Project Code | Location Code | Quantity | Invoiced Quantity | Remaining Quantity | Sales Amount (Actual) | Cost Amount (Expected) | Cost Amount (Actual) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/1/2022 | Transfer | Transfe... | 108010 | 1936-S | | _ | | | OUT. LOG. | 2 | 2 | 2 | 0.00 | 0.00 | 195.00 |
| 1/28/2022 | Transfer | Transfe... | 109004 | 1936-S | | _ | | | OUT. LOG. | -5 | -5 | 0 | 0.00 | 0.00 | -487.50 |
| 1/28/2022 | Transfer | Transfe... | 108008 | 1936-S | | _ | | | OUT. LOG. | 5 | 5 | 0 | 0.00 | 0.00 | 487.50 |
| 1/27/2022 | Transfer | Transfe... | 108005 | 1936-S | | _ | | | OUT. LOG. | 4 | 4 | 4 | 0.00 | 0.00 | 390.00 |

# 2nd Posting of Transfer Order

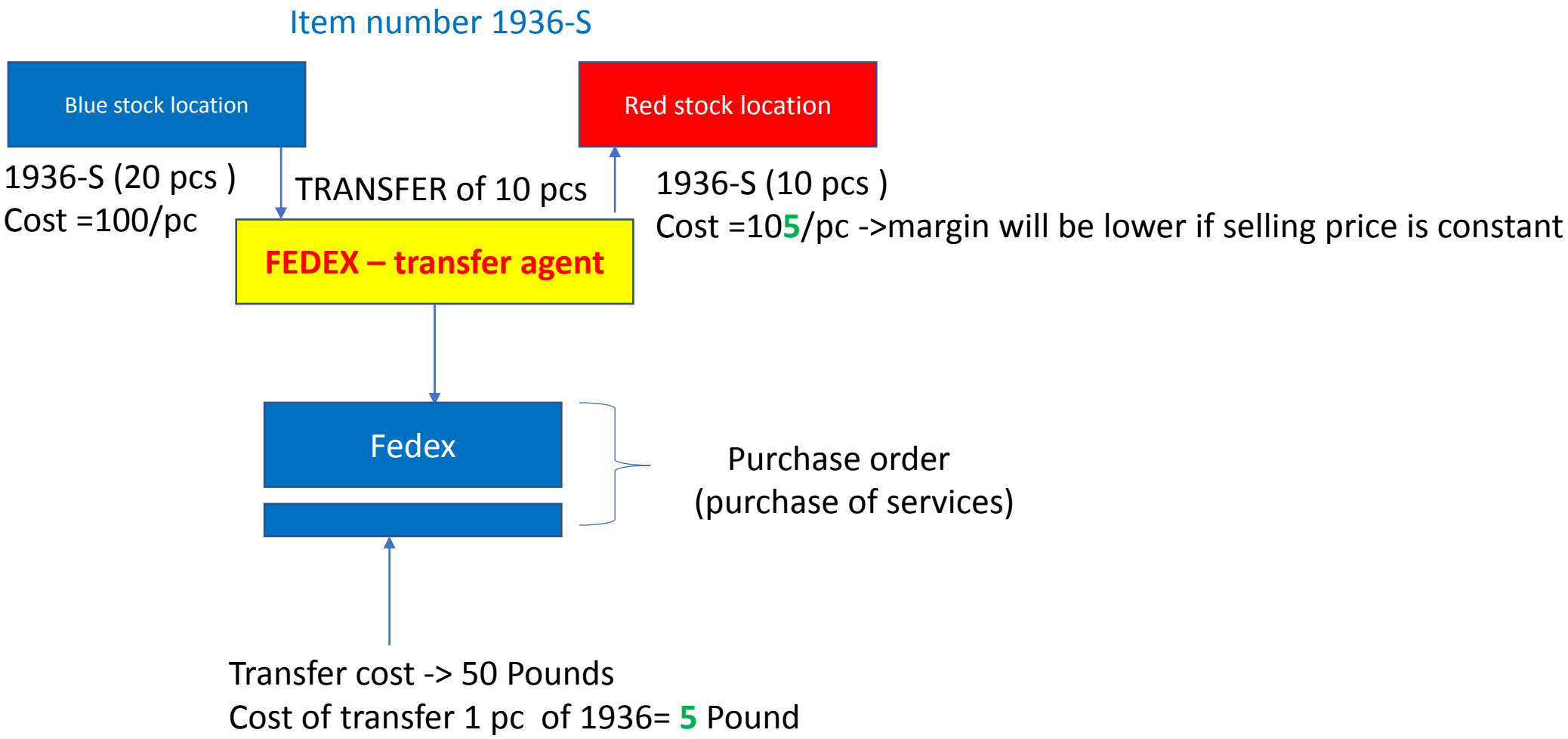



Item 1936-S BERLIN Guest Chair, yellow | Work Date: 2/1/2022

Item Ledger Entries | Search | Entry | Open in Excel | Actions | Related | Fewer options

| Posting Date | Entry Type | Docu... Type | Document No. | Item No. | Descrip... | Lot No. | Depar... Code | Proje... Code | Location Code | Quantity | Invoiced Quantity | Remaining Quantity | Sales Amount (Actual) | Cost Amount (Expected) | Cost Amount (Actual) | Cost Amount (Non-Invtbl.) | Open | Order Type | Entry No. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/1/2022 | Transfer | Transfe... | 109006 | 1936-S | | _ | | | RED | 2 | 2 | 2 | 0.00 | 0.00 | 195.00 | 0.00 | ☑ | Transfer | 451 |
| 2/1/2022 | Transfer | Transfe... | 109006 | 1936-S | | _ | | | OUT. LOG. | -2 | -2 | 0 | 0.00 | 0.00 | -195.00 | 0.00 | ☐ | Transfer | 450 |
| 2/1/2022 | Transfer | Transfe... | 108010 | 1936-S | | _ | | | OUT. LOG. | 2 | 2 | 0 | 0.00 | 0.00 | 195.00 | 0.00 | ☐ | Transfer | 449 |
| 2/1/2022 | Transfer | Transfe... | 108010 | 1936-S | | _ | | | BLUE | -2 | -2 | 0 | 0.00 | 0.00 | -195.00 | 0.00 | ☐ | Transfer | 448 |

# Costing (applying additional cost for transfer)



THE END