



Infor LN Warehousing User Guide for Labeling

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About this Guide

Objectives

The objectives of this book are to describe the purpose and the use of labels.

References

Use this guide as the primary reference for the setup and the use of warehouses. Use the current editions of these documents for information that is not covered in this guide:

- *User Guide for Handling Units (U8938 US)*
- *User Guide for the Kanban supply system*
- *User Guide for the Inbound Goods Flow (U9788 US)*
- *User Guide for the Outbound and Shipments Goods Flows (U9794 US)*
- *User Guide for Delivery Notes and Shipments (U8982 US)*

How to read this document

This document is assembled from online Help topics.

Text in italics followed by a page number represents a hyperlink to another section in this document.

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Chapter 1: Introduction

Labeling

You can define label layouts for items to be received, inspected, or shipped. The label layouts can be used for handling units or items without handling units.

You can adjust the label layouts for specific outbound, receipt, shipment, or inspection *activities*.

A label layout can contain a number of label fields in the form of label codes. On the printed label, the label code is replaced with the value of the corresponding label field.

Chapter 2: Label Layout and Printing

Label layout and printing

A label layout defines the contents of a *label*. In the **Label Layouts (whwmd5520m000)** session, you can create and maintain labels that can be used for:

- Printing **Kanban** labels
- **Generate Inbound Advice**
- **Generate Outbound Advice**
- [Printing labels for handling units](#) on page 7
- **Direct Material Supply**

In the Label Layout by Activities (whwmd5121m000) session, you can adjust the label layouts for specific outbound, receipt, shipment, or inspection *activities*.

You can print label layouts in the **Print Label Layouts (whwmd5420m000)** session.

To define a label layout, in the **Label Layouts (whwmd5520m000)** session, complete these steps:

- 1 Specify the code and description of the label layout in the **Label Layout** and **Description** fields.
- 2 If required, specify the **Barcode Type** and the **Barcode Height [Lines]**.
- 3 Select the label layout and start the text editor on the toolbar.
- 4 In the text editor, specify the expressions and, if required, the barcode expressions, of the fields whose contents you want to include in the label.

You can find the label expressions in the Expression columns next to the Field columns in the tables of the current topic. The barcode expressions are listed in the Barcode Expressions columns.

Note: To include bar codes in label layouts, refer to [Print bar codes](#) on page 7.

Using label codes

A label layout can contain a number of label fields in the form of label codes called expressions. An expression must be preceded by a hash sign (#), "lb," and a dot (#lb.).

On the printed label, the label code is replaced with the value of the corresponding label field.

Example: #lb.item.desc will print a bar code of the item description.

When a label is printed, the field value is printed at the exact spot of the hash sign (#) that you placed in the text editor.

To avoid field values from overlapping on the printed label, you must allow for sufficient space between the # signs in the layout definition.

If the # signs are placed on different lines in the layout definition, overlapping of the field values is unlikely. In the next example, the item and item description fields are printed on different lines:

```
ITEM:          #lb.item  
DESCR:         #lb.item.desc
```

Overlapping may occur if you put the label fields on the same line, as in this example:

```
#lb.item.desc#lb.quan.inv
```

The #lb.quan.inv expression represents the item quantity in inventory unit.

In this example, the space between both # signs is 12 positions. In the text editor, one space represents one position.

If the printed field value of #lb.item.desc spans more than 12 positions, the value of the #lb.quan.inv expression will overwrite the value of the #lb.item.desc expression.

To determine the required number of positions between the # signs, you must check the field length of the fields that you use as label fields.

This is done by checking the domain length of the field that you are using as a label field. In the example, the item.desc field uses the tcitem.dscr domain, which has a length of 60 positions.

Therefore, to prevent #lb.quan.inv from overlapping and overwriting the value of #lb.item.desc, the space between the # signs of both fields must be at least 61 positions.

On the other hand, if you are sure that the field value of #lb.item.desc never exceeds 10 positions, an 11 position space between the # signs would be sufficient.

Print bar codes

To print a *bar code*, insert 'bc.' between the number sign and 'lb', such as #bc.lb.[label_code] .

Example: #bc.lb.item.desc will print a bar code of the item description.

Note:

- Bar codes are not displayed on your screen.
- Make sure that the correct cartridge is installed.

Print labels for handling units

To uniquely identify handling units, for example, containers, items, packages, and so on, LN enables you to print labels. For high-quality printing you can also use a label printing application, whose input is then supplied by LN. Note that a label is not just a bar code, but usually a combination of an item code and a handling unit number, both in digits and in bar codes.

To create a label for a specific *handling unit*, in the **Handling Units (whwmd5130m000)** session, on the **Status** tab, select the **Labeled** check box.

Use the **Print Labels (whwmd5430m100)** session to print labels for handling units. The labels are printed according to the layout as specified in the **Label Layouts (whwmd5520m000)** session. Serial numbers are only printed on the label if:

- The **Serial Tracking** check box in the **Item - Warehousing (whwmd4600m000)** session is selected.
- One serialized item is linked to the shipment line.
- Serials are *low volume*.

Print receipt and shipment labels without handling units

If handling units are not used, you can print labels for:

- Received items
- Items to be shipped

For more information, refer to Print receipt and shipment labels without handling units.

Note: If you use *package definitions*, you can specify that labels are automatically created for specific parts of the *handling-unit structure*.

Inbound procedures

For inbound procedures you can print the following fields on the labels:

Field	Expression	Barcode Expression
Ship From Type	lb.shfr.type	bc.lb.shfr.type
Ship From Code	lb.shfr.code	bc.lb.shfr.code
Ship To Type	lb.shto.type	bc.lb.shto.type
Ship To Code	lb.shto.code	bc.lb.shto.code
Ship From Location	lb.shfr.loca	bc.lb.shfr.loca
Ship To Location	lb.shto.loca	bc.lb.shto.loca
Run number	lb.run.number	bc.lb.run.number
Mission	lb.mission	bc.lb.mission
Item	lb.item	bc.lb.item
Item Search Key I	lb.item.sr.ky1	bc.lb.item.sr.ky1
Item Search Key II	lb.item.sr.ky2	bc.lb.item.sr.ky2
Item Signal	lb.item.signal	bc.lb.item.signal
Item Signal Description	lb.item.sgnl.d	bc.lb.item.sgnl.d
Item Quantity	lb.quan.str	bc.lb.quan.str
Item Quantity Inventory Unit	lb.quan.inv	bc.lb.quan.inv
Business Partner Item Code	lb.cus.itm	bc.lb.cus.itm
Business Partner Item Revision	lb.cus.itm.rev	bc.lb.cus.itm.rev

Field	Expression	Barcode Expression
Unit	lb.unit	bc.lb.unit
Order Origin	lb.order.orig	bc.lb.order.orig
Order Number	lb.order	bc.lb.order
Order Set	lb.order.set	bc.lb.order.set
Order Line	lb.order.line	bc.lb.order.line
Order Line Sequence	lb.order.seq	bc.lb.order.seq
Advice Number	lb.advice	bc.lb.advice
Owner	lb.owner	bc.lb.owner
Owner Name	lb.owner.name	bc.lb.owner.name
Lot Code	lb.lot	bc.lb.lot
Serial Number	lb.serial	bc.lb.serial
Inventory Date	lb.inv.date	bc.lb.inv.date
Package Definition	lb.pack.def	bc.lb.pack.def
Assembly Kit	lb.ass.kit	bc.lb.ass.kit
Line Station	lb.ln.station	bc.lb.ln.station
Job Sequence	lb.job.seq	bc.lb.job.seq
Parent Serial	lb.parent.seri	bc.lb.parent.seri
Assembly Order	lb.ass.order	bc.lb.ass.order
Order Reference	lb.reference	bc.lb.reference
Bom Line	lb.bom.line	bc.lb.bom.line
Item Description	lb.item.desc	bc.lb.item.desc
Manufacturer	lb.manuf	bc.lb.manuf
Manufacturer Description	lb.manuf.desc	bc.lb.manuf.desc
Manufacturer Part No.	lb.manuf.prt.n	bc.lb.manuf.prt.n
Manufacturer Part No. Description	lb.manuf.prt.d	bc.lb.manuf.prt.d
Receipt Date	lb.rec.date	bc.lb.rec.date

Outbound procedures

For outbound procedures you can print the following fields on the labels:

Field	Expression	Barcode Expression
Ship From Type	lb.shfr.type	bc.lb.shfr.type
Ship From Code	lb.shfr.code	bc.lb.shfr.code
Ship To Type	lb.shto.type	bc.lb.shto.type
Ship To Code	lb.shto.code	bc.lb.shto.code
Ship From Location	lb.shfr.loca	bc.lb.shfr.loca
Ship To Location	lb.shto.loca	bc.lb.shto.loca
DUNS Number	lb.duns.number	bc.lb.duns.number
Run Number	lb.run.number	bc.lb.run.number
Mission	lb.mission	bc.lb.mission
Item	lb.item	bc.lb.item
Item Search Key I	lb.item.sr.ky1	bc.lb.item.sr.ky1
Item Search Key II	lb.item.sr.ky2	bc.lb.item.sr.ky2
Item Signal	lb.item.signal	bc.lb.item.signal
Item Signal Description	lb.item.sgnl.d	bc.lb.item.sgnl.d
Business Partner Item Code	lb.cus.itm	bc.lb.cus.itm
Business Partner Item Revision	lb.cus.itm.rev	bc.lb.cus.itm.rev
Effectivity Unit	lb.eff.unit	bc.lb.eff.unit
Quantity in Storage Unit	lb.quan.str	bc.lb.quan.str
Quantity in Inventory Unit	lb.quan.inv	bc.lb.quan.inv
Unit	lb.unit	bc.lb.unit
Order Origin	lb.order.orig	bc.lb.order.orig
Order Number	lb.order	bc.lb.order
Order Set	lb.order.set	bc.lb.order.set
Order Line	lb.order.line	bc.lb.order.line
Order Line Sequence	lb.order.seq	bc.lb.order.seq
Advice Number	lb.advice	bc.lb.advice

Field	Expression	Barcode Expression
Owner	lb.owner	bc.lb.owner
Owner Name	lb.owner.name	bc.lb.owner.name
Lot	lb.lot	bc.lb.lot
Serial	lb.serial	bc.lb.serial
Inventory Date	lb.inv.date	bc.lb.inv.date
Package Definition	lb.pack.def	bc.lb.pack.def
Assembly Kit	lb.ass.kit	bc.lb.ass.kit
Line Station	lb.ln.station	bc.lb.ln.station
Job Sequence	lb.job.seq	bc.lb.job.seq
Parent Serial	lb.parent.seri	bc.lb.parent.seri
Assembly Order	lb.ass.order	bc.lb.ass.order
Order Reference	lb.reference	bc.lb.reference
Bom Line	lb.bom.line	bc.lb.bom.line
Item Description	lb.item.desc	bc.lb.item.desc
Delivery Point	lb.del.point	bc.lb.del.point
Delivery Point Description 1	lb.dp.dsca.1	bc.lb.dp.dsca.1
Delivery Point Description 2	lb.dp.dsca.2	bc.lb.dp.dsca.2
Machine	lb.machin	bc.lb.machin
Machine Description	lb.machin.desc	bc.lb.machin.desc
Operation	lb.operation	bc.lb.operation
Task	lb.task	bc.lb.task
Task Description	lb.task.desc	bc.lb.task.desc
Work Center	lb.work.cent	bc.lb.work.cent
Work Center Description	lb.work.c.desc	bc.lb.work.c.desc

Inspections

For inspections you can print these fields on the labels:

Field	Expression	Barcode Expression
Inspection Date	lb.insp.date	bc.lb.insp.date
HU Insp. Date Time Zone	lb.insp.date.t	bc.lb.insp.date.t
HU Insp. Date UTC	lb.insp.date.u	bc.lb.insp.date.u
Destroy Reason	lb.insp.dest.r	bc.lb.insp.dest.r
Approved Quantity in Inventory Unit	lb.insp.appr.q	bc.lb.insp.appr.q
Destroyed Quantity	lb.insp.dest.q	bc.lb.insp.dest.q
Rejected Quantity in Inventory Unit	lb.insp.reje.q	bc.lb.insp.reje.q
Reject Reason	lb.insp.reje.r	bc.lb.insp.reje.r
User	lb.insp.user	bc.lb.insp.user
Inspection 1	lb.inspect	bc.lb.inspect

The labels are filled from the **Inspection Lines (whinh2131m000)** session for inbound and outbound inspections. For inventory inspections, the labels are filled from the **Handling Unit Process Inventory Inspection (whinh2533m000)** session.

Handling units

For handling units you can print the following fields on the labels:

Field	Expression	Barcode Expression
Handling Unit	lb.handl.unit	bc.lb.handl.unit
From Handling Unit	lb.from.huid	bc.lb.from.huid
Handling Unit Version	lb.version	bc.lb.version
Visible	lb.visible	bc.lb.visible
Ship From Type	lb.shfr.type	bc.lb.shfr.type
Ship From Code	lb.shfr.code	bc.lb.shfr.code
Ship From Company	lb.shfr.comp	bc.lb.shfr.comp
Ship To Type	lb.shto.type	bc.lb.shto.type
Ship To Code	lb.shto.code	bc.lb.shto.code
Ship To Company	lb.shto.comp	bc.lb.shto.comp

¹ This field indicates whether the data relate to an inspection. The value in this field can be Yes or No.

Field	Expression	Barcode Expression
Reference	lb.reference	bc.lb.reference
Parent Handling Unit	lb.parent.huid	bc.lb.parent.huid
Status	lb.status	bc.lb.status
Complete	lb.complete	bc.lb.complete
Rejected	lb.rejected	bc.lb.rejected
Multi Item	lb.multi.item	bc.lb.multi.item
Item	lb.item	bc.lb.item
Item Description	lb.item.desc	bc.lb.item.desc
Effectivity Unit	lb.eff.unit	bc.lb.eff.unit
Item Search Key I	lb.item.sr.ky1	bc.lb.item.sr.ky1
Item Search Key II	lb.item.sr.ky2	bc.lb.item.sr.ky2
Item Signal	lb.item.signal	bc.lb.item.signal
Item Signal Description	lb.item.sgnl.d	bc.lb.item.sgnl.d
Lot	lb.lot	bc.lb.lot
Inventory Date	lb.inv.date	bc.lb.inv.date
Serial	lb.serial	bc.lb.serial
Quantity in Storage Unit	lb.quan.str	bc.lb.quan.str
Unit	lb.unit	bc.lb.unit
Quantity in Inventory Unit	lb.quan.inv	bc.lb.quan.inv
Package Definition	lb.pack.def	bc.lb.pack.def
Packaging Item	lb.pack.item	bc.lb.pack.item
Asset Tag	lb.asset.tag	bc.lb.asset.tag
Quantity of Packaging Item	lb.quan.pack	bc.lb.quan.pack
Business Partner Item Code	lb.cus.itm	bc.lb.cus.itm
Business Partner Item Revision	lb.cus.itm.rev	bc.lb.cus.itm.rev
Warehouse	lb.warehouse	bc.lb.warehouse
Location	lb.location	bc.lb.location
Gross Weight	lb.gross.wght	bc.lb.gross.wght
Net Weight	lb.net.wght	bc.lb.net.wght

Field	Expression	Barcode Expression
Weight Unit	lb.weight.unit	bc.lb.weight.unit
Volume	lb.volume	bc.lb.volume
Floorspace	lb.floor.space	bc.lb.floor.space
Height	lb.height	bc.lb.height
Width	lb.width	bc.lb.width
Depth	lb.depth	bc.lb.depth
Dimension Unit	lb.dim.unit	bc.lb.dim.unit
Blocked	lb.blocked	bc.lb.blocked
Blocked for Counting	lb.counting	bc.lb.counting
Transaction Date	lb.trans.date	bc.lb.trans.date
Log Name	lb.log.name	bc.lb.log.name
Manufacturer	lb.manuf	bc.lb.manuf
Manufacturer Description	lb.manuf.de- sc	bc.lb.manuf.desc
Manufacturer Part No.	lb.manuf.prt.n	bc.lb.manuf.prt.n
Manufacturer Part No. Desc	lb.manuf.prt.d	bc.lb.manuf.prt.d
Owner	lb.owner	bc.lb.owner
Owner Name	lb.own- er.name	bc.lb.owner.name
Ownership	lb.ownership	bc.lb.ownership
Multi Owner	lb.multi.own- er	bc.lb.multi.owner
Order Origin	lb.order.orig	bc.lb.order.orig
Order Number	lb.order	bc.lb.order
Order Set	lb.order.set	bc.lb.order.set
Order Line	lb.order.line	bc.lb.order.line
Order Sequence	lb.order.seq	bc.lb.order.seq
Bom Line	lb.bom.line	bc.lb.bom.line
Receipt	lb.receipt	bc.lb.receipt
Receipt Line	lb.receipt.ln	bc.lb.receipt.ln
Shipment	lb.shipment	bc.lb.shipment

Field	Expression	Barcode Expression
Shipment Line	lb.shipment.ln	bc.lb.shipment.ln
Load	lb.load	bc.lb.load
Container	lb.container	bc.lb.container
Assembly Kit	lb.ass.kit	bc.lb.ass.kit
Line Station	lb.ln.station	bc.lb.ln.station
Job Sequence	lb.job.seq	bc.lb.job.seq
Parent Serial	lb.parent.seri	bc.lb.parent.seri
Assembly Order	lb.ass.order	bc.lb.ass.order
Inspection	lb.inspect	bc.lb.inspect
Cross Docking	lb.crossdock	bc.lb.crossdock
Destination Location	lb.dest.loc	bc.lb.dest.loc
Receipt Carrier	lb.rec.carr	bc.lb.rec.carr
Ship From Address Name 1	lb.sf.ad01	bc.lb.sf.ad01
Ship From Address Name 2	lb.sf.ad02	bc.lb.sf.ad02
Ship From Address 1	lb.sf.ad03	bc.lb.sf.ad03
Ship From Address 2	lb.sf.ad04	bc.lb.sf.ad04
Ship From Address House Number	lb.sf.ad05	bc.lb.sf.ad05
Ship From Address Po Boxnr	lb.sf.ad06	bc.lb.sf.ad06
Ship From Address City	lb.sf.ad07	bc.lb.sf.ad07
Ship From Address City 2	lb.sf.ad08	bc.lb.sf.ad08
Ship From Address Zip Code	lb.sf.ad09	bc.lb.sf.ad09
Ship From Address Country	lb.sf.ad10	bc.lb.sf.ad10
Ship To Address Name 1	lb.st.ad01	bc.lb.st.ad01
Ship To Address Name 2	lb.st.ad02	bc.lb.st.ad02
Ship To Address 1	lb.st.ad03	bc.lb.st.ad03
Ship To Address 2	lb.st.ad04	bc.lb.st.ad04
Ship To Address House Number	lb.st.ad05	bc.lb.st.ad05
Ship To Address Po Boxnr	lb.st.ad06	bc.lb.st.ad06
Ship To Address City	lb.st.ad07	bc.lb.st.ad07

Field	Expression	Barcode Expression
Ship To Address City 2	lb.st.ad08	bc.lb.st.ad08
Ship To Address Zip Code	lb.st.ad09	bc.lb.st.ad09
Ship To Address Country	lb.st.ad10	bc.lb.st.ad10
Receipt Load	lb.rec.load	bc.lb.rec.load
Receipt Shipment	lb.rec.shpm	bc.lb.rec.shpm
Shipment Delivery Terms	lb.shpm.tod	bc.lb.shpm.tod
Shipment Point of Title Passage	lb.shpm.potp	bc.lb.shpm.potp
Shipment Carrier Pro Number	lb.shpm.cpro	bc.lb.shpm.cpro
Tracking Number	lb.track.nr	bc.lb.track.nr
Shipment Planned Delivery Date	lb.shpm.deld	bc.lb.shpm.deld
Shipment Planned Receipt Date	lb.shpm.prdt	bc.lb.shpm.prdt
Shipment Customs Value	lb.shpm.cval	bc.lb.shpm.cval
Shipment Customs Value Currency	lb.shpm.curr	bc.lb.shpm.curr
Load Carrier/LSP	lb.load.carr	bc.lb.load.carr
Load Route	lb.load.route	bc.lb.load.route
Shipment Reference	lb.ship.ref	bc.lb.ship.ref
Delivery Point	lb.del.point	bc.lb.del.point
Delivery Point Description 1	lb.dp.dsca.1	bc.lb.dp.dsca.1
Delivery Point Description 2	lb.dp.dsca.2	bc.lb.dp.dsca.2
Allocated to Business Partner	lb.alloc.bp	bc.lb.alloc.bp
Allocated to Order Origin	lb.alloc.oorg	bc.lb.alloc.oorg
Allocated to Order	lb.alloc.order	bc.lb.alloc.order
Allocated to Order Reference	lb.alloc.oref	bc.lb.alloc.oref
Allocated to Reference	lb.alloc.ref	bc.lb.alloc.ref
Rejection	lb.quarantine	bc.lb.quarantine
Product Variant	lb.prod.var	bc.lb.prod.var
Additional info field 1	lb.addinfo.1	bc.lb.addinfo.1
Additional info field 2	lb.addinfo.2	bc.lb.addinfo.2
Additional info field 3	lb.addinfo.3	bc.lb.addinfo.3

Field	Expression	Barcode Expression
Additional info field 4	lb.addinfo.4	bc.lb.addinfo.4
Additional info field 5	lb.addinfo.5	bc.lb.addinfo.5
Additional info field 6	lb.addinfo.6	bc.lb.addinfo.6
Additional info field 7	lb.addinfo.7	bc.lb.addinfo.7
Additional info field 8	lb.addinfo.8	bc.lb.addinfo.8
Additional info field 9	lb.addinfo.9	bc.lb.addinfo.9
Additional info field 10	lb.addinfo.10	bc.lb.addinfo.10

Note: For handling unit structures, labels are printed for bottom-level handling units. If a bottom-level handling unit contains multiple *stock points*, the stock point information is not printed on the label. This is because the label field cannot contain more than one code. For example, if the handling unit contains three stock points and the label definition includes the Inventory Date field (lb.inv.date), which is a stock point detail, LN does not "know" which of the three inventory dates to print.

UTC date and time zone fields

For inbound procedures, outbound procedures, and handling units you can print UTC date and time zone fields on labels. On the date fields that are printed, the UTC representation of the date is printed and on the time zone fields, the time zone of the warehouse or the ship-from or ship-to addresses are printed.

You can print these UTC date and time zone fields on the labels:

UTC and Time zone: Handling units

Field	Expression	Barcode Expression
HU Trans. Date UTC	lb.trns.date.u	bc.lb.trns.date.u
HU Trans. Date Time Zone	lb.trns.date.t	bc.lb.trns.date.t
HU Insp. Date Time Zone	lb.insp.date.t	bc.lb.insp.date.t
HU Insp. Date UTC	lb.insp.date.u	bc.lb.insp.date.u

The HU Insp. Date fields are printed for handling-unit inventory inspections.

UTC and Time zone: Inbound, Outbound and Handling Unit

Field	Expression	Barcode Expression
Inventory Date UTC	lb.inv.date.u	bc.lb.inv.date.u
Inventory Date Time Zone	lb.inv.date.t	bc.lb.inv.date.t

UTC and Time zone: Inbound

Field	Expression	Barcode Expression
Receipt Date UTC	lb.rec.date.u	bc.lb.rec.date.u
Receipt Date Time Zone	lb.rec.date.t	bc.lb.rec.date.t

UTC and Time zone: Outbound

Field	Expression	Barcode Expression
Shipment Pl Del Dt UTC	lb.shpm.deld.u	bc.lb.shpm.deld.u
Shipment Pl Del Dt Time Zone	lb.shpm.deld.t	bc.lb.shpm.deld.t
Shipment Pl Rec Dt UTC	lb.shpm.prdt.u	bc.lb.shpm.prdt.u
Shipment Pl Rec Dt Time Zone	lb.shpm.prdt.t	bc.lb.shpm.prdt.t

Kanban

For Kanban you can print the following fields on the labels:

Field	Expression	Barcode Expression
Item	lb.item	bc.lb.item
Packaging Item	lb.pack.item	bc.lb.pack.item
Quantity in Inventory Unit	lb.quan.inv	bc.lb.quan.inv
Unit	lb.unit	bc.lb.unit
Ship From Type	lb.shfr.type	bc.lb.shfr.type
Ship From Code	lb.shfr.code	bc.lb.shfr.code
Ship To Type	lb.shto.type	bc.lb.shto.type
Ship To Code	lb.shto.code	bc.lb.shto.code
Handling Remark	lb.hand.rm-rk	bc.lb.hand.rmrk
Kanban ID	lb.kan-ban.id	bc.lb.kanban.id
Location	lb.location	bc.lb.location
Row of Location for Transfer	lb.dloc.row	bc.lb.dloc.row
Level Location for Transfer	lb.dloc.lev	bc.lb.dloc.lev
Bin of Location for Transfer	lb.dlob.bin	bc.lb.dlob.bin

Field	Expression	Barcode Expression
Description of Location for Transfer	lb.dloc.desc	bc.lb.dloc.desc
Item Description	lb.item.desc	bc.lb.item.desc
Work Center	lb.work.cent	bc.lb.work.cent
Supplying Location	lb.supp.loc	bc.lb.supp.loc
Row of Supply Location	lb.sloc.row	bc.lb.sloc.row
Level of Supply Location	lb.sloc.lev	bc.lb.sloc.lev
Bin of Supply Location	lb.sloc.bin	bc.lb.sloc.bin
Description of Supply Location	lb.sloc.desc	bc.lb.sloc.desc

Supply location

The supply location is the fixed location as defined for the supply warehouse and item in the Fixed Locations (whwmd3502m000) session. The user can only print this field on the label if the goods are supplied from a warehouse. For more information, refer to Line Supply Settings .

If more than one fixed location exists for each warehouse/item, the fixed location with the highest priority, in other words, the lowest value, is printed.

Row, level and bin are part of the location definition in the Warehouse - Location (whwmd3100s000) session.

Kanban deliveries are actually made to the *shop floor warehouse* that supports the work center. The work center can only be printed if the shop floor warehouse supports a work center.

Chapter 3: Print labels without Handling Units

Print receipt and shipment labels without handling units

If handling units are not used, you can print labels for:

- Received items
- Items to be shipped

You can print the labels based on the following options:

- **By Line:** Labels are printed by line.
- **By Unit:** Labels are printed for each unit on the line.

The labels are printed based on the same layout definitions that are currently defined on the warehouse (default label layout receipts, inspections and outbound), the **Warehousing Order Types (whinh0110m000)** session, the **Activities by Inbound Order Line (whinh2114m000)** session, the **Activities by Outbound Order Line (whinh2124m000)** session and in **Label Layout by Activities (whwmd5121m000)** session.

The same layout is used to print the label for an activity that uses the handling units and for lines that do not use handling units. The labels are printed automatically on executing the activity. The following tables provide an overview of the activities for which labels can be printed and the information that can be printed on the label layout.

Inbound Activities	Information Printed
Warehouse Receipts	Receipt and order information
Generate Inbound Advice	Inbound advice and order information
Put Away Inbound Advice	Inbound advice and order information
Generate Storage List	Inbound advice and order information
Storage List	Inbound advice and order information
Warehouse Inspections	Inspection and order information
Outbound Activities	Information Printed
Generate Outbound Advice	Outbound advice and order information
Release Outbound Advice	Outbound advice and order information
Generate Picking List	Outbound advice and order information
Picking List	Shipment and order information

Outbound Activities	Information Printed
Warehouse Inspections	Inspection and order information
Freeze/Confirm Shipments/Loads	Shipment and order information

Chapter 4: Lineside labeling

Lineside labeling

When the receipt of end items from production is confirmed, various fields related to the originating demand order can be printed on *handling unit* labels. The purpose is to reduce mislabeling by attaching container labels during production or receipt rather than at the shipping dock.

The originating demand order is the sales schedule and related sales contract for which the production order for the end item was initiated.

The fields related to the originating demand order include, for example:

- **Sold-to Business Partner**
- **Ship-to Business Partner**
- The sold-to and ship-to address fields of the sales contract
- **Business Partner Item**
- **Business Partner Item Description**
- **Business Partner Item Revision**

The **Business Partner Item** and the **Business Partner Item Description** are retrieved from the *item code system* related to the received item and the allocated-to business partner. The **Business Partner Item Revision** number is retrieved via the business partner item code.

See Label layouts for lineside labeling for the complete list of demand order fields available for label printing.

How LN retrieves the demand order fields

To retrieve the demand order fields during receipt, demand pegging must be implemented for the item. The *specification* of the received handling unit, if present, or the receipt line of the production order is used to retrieve the fields of the originating demand order, which are to be printed on the *handling unit* labels.

Retrieval of the demand order fields is supported for the demand pegging types **Customer Based** and **Customer Location Based**.

Demand pegging setup

- 1 Select the **Demand Pegging** check box in the **Implemented Software Components (tccom0100s000)** session.
- 2 In the **Items (tcibd0501m000)** session, for the relevant items select the Demand Pegged check box and specify **Customer Based** or **Customer Location Based** in the Demand Pegging Type field.

Business partner item code system and item setup

- 1 Specify the item code systems and business-partner item codes for the sold-to business partners in the Item Code System - Items (tcibd0104m000) session.
- 2 Specify the business partner item revisions in the Business Partner Item - Revisions (tcibd0114m000) session.

Label printing setup

Define label layouts for the fields to be printed on the labels in either of these sessions:

- Label Layouts (whwmd5520m000)
- Label Layout by Activities (whwmd5121m000)

Label layouts for lineside labeling

For the Inbound procedures involved in lineside labeling, you can print the following demand-order fields on the labels:

Field	Description	Expression	Barcode Expression
tdsls300.ofbp	Sold-to Business Partner	lb.dpsoto.bp	bc.lb.dpsoto.bp
tdsls300.ofad	Code	lb.dpsoto.addr	bc.lb.dpsoto.addr
ccom130.nama	Address Name	lb.dpsoto.ad01	bc.lb.dpsoto.ad01
tccom130.namb	Address Name 2	lb.dpsoto.ad02	bc.lb.dpsoto.ad02
tccom130.namc	Street	lb.dpsoto.ad03	bc.lb.dpsoto.ad03
tccom130.namd	Street 2	lb.dpsoto.ad04	bc.lb.dpsoto.ad04
tccom130.hono	House Number	lb.dpsoto.ad05	bc.lb.dpsoto.ad05
tccom130.pobn	P.O. Box Number	lb.dpsoto.ad06	bc.lb.dpsoto.ad06
tccom130.ccit	City Code	lb.dpsoto.ad07	bc.lb.dpsoto.ad07
tccom130.namf	City 2	lb.dpsoto.ad08	bc.lb.dpsoto.ad08
tccom130.pstc	ZIP Code/Postal Code	lb.dpsoto.ad09	bc.lb.dpsoto.ad09
tccom130.ccty	Country	lb.dpsoto.ad10	bc.lb.dpsoto.ad10
tdsls301.stad	Ship-to Address	lb.dpshto.addr	bc.lb.dpshto.addr
tccom130.nama	Address Name	lb.dpshto.ad01	bc.lb.dpshto.ad01
tccom130.namb	Address Name 2	lb.dpshto.ad02	bc.lb.dpshto.ad02
tccom130.namc	Street	lb.dpshto.ad03	bc.lb.dpshto.ad03

Field	Description	Expression	Barcode Expression
tccom130.namd	Street 2	lb.dpshto.ad04	bc.lb.dpshto.ad04
tccom130.hono	House Number	lb.dpshto.ad05	bc.lb.dpshto.ad05
tccom130.pobn	P.O. Box Number	lb.dpshto.ad06	bc.lb.dpshto.ad06
tccom130.ccit	City Code	lb.dpshto.ad07	bc.lb.dpshto.ad07
tccom130.namf	City 2	lb.dpshto.ad08	bc.lb.dpshto.ad08
tccom130.pstc	ZIP Code/Postal Code	lb.dpshto.ad09	bc.lb.dpshto.ad09
tccom130.ccty	Country	lb.dpshto.ad10	bc.lb.dpshto.ad10
tcpcs003.cadr	Address Code	lb.dpshfr.addr	bc.lb.dpshfr.addr
tccom130.nama	Address Name	lb.dpshfr.ad01	bc.lb.dpshfr.ad01
tccom130.namb	Address Name 2	lb.dpshfr.ad02	bc.lb.dpshfr.ad02
tccom130.namc	Street	lb.dpshfr.ad03	bc.lb.dpshfr.ad03
tccom130.namd	Street 2	lb.dpshfr.ad04	bc.lb.dpshfr.ad04
tccom130.hono	House Number	lb.dpshfr.ad05	bc.lb.dpshfr.ad05
tccom130.pobn	P.O. Box Number	lb.dpshfr.ad06	bc.lb.dpshfr.ad06
tccom130.ccit	City Code	lb.dpshfr.ad07	bc.lb.dpshfr.ad07
tccom130.namf	City 2	lb.dpshfr.ad08	bc.lb.dpshfr.ad08
tccom130.pstc	ZIP Code/Postal Code	lb.dpshfr.ad09	bc.lb.dpshfr.ad09
tccom130.ccty	Country	lb.dpshfr.ad10	bc.lb.dpshfr.ad10
tcibd004.aitd	Business Partner Item Description	lb.cus.itm.dsc	bc.lb.cus.itm.dsc
tcibd014.revi	Customer item Revision	lb.cus.itm.rev	bc.lb.cus.itm.rev
tccom130.nama	Address Name	lb.cpshfr.ad01	bc.lb.cpshfr.ad01
tccom130.namb	Address Name 2	lb.cpshfr.ad02	bc.lb.cpshfr.ad02
tccom130.namc	Street	lb.cpshfr.ad03	bc.lb.cpshfr.ad03
tccom130.namd	Street 2	lb.cpshfr.ad04	bc.lb.cpshfr.ad04
tccom130.hono	House Number	lb.cpshfr.ad05	bc.lb.cpshfr.ad05
tccom130.pobn	P.O. Box Number	lb.cpshfr.ad06	bc.lb.cpshfr.ad06
tccom130.ccit	City Code	lb.cpshfr.ad07	bc.lb.cpshfr.ad07
tccom130.namf	City 2	lb.cpshfr.ad08	bc.lb.cpshfr.ad08
tccom130.pstc	ZIP Code/Postal Code	lb.cpshfr.ad09	bc.lb.cpshfr.ad09

Field	Description	Expression	Barcode Expression
tccom130.ccty	Country	lb.cpsfr.ad10	bc.lb.cpsfr.ad10

Chapter 5: Default Printers

Default printing devices

To determine the default printer to be used, LN performs these steps:

- 1** Is the Use Specific Device Selection check box selected in the **Warehousing User Profiles (whwmd1140s000)** session for the logged on user?
If yes, no default printer is used. After clicking the print button in the relevant print session, you must select a printer from a dialog box.
If no, step 2.
- 2** Is a printer specified for the activity in the **Activities by Inbound Order Line (whinh2114m000)** session or the **Activities by Outbound Order Line (whinh2124m000)** session?
If yes, this printer prints the documents.
If no, step 3.
- 3** Is a printer specified in the **Warehouse - Storage Zones (whwmd3110s000)** session for the zone of the staging location from which the goods are shipped?
If yes, this printer prints the documents.
If no, step 4.
- 4** Is a default printer specified for the documents in the **Default Devices by User (whwmd1545m000)** session?
If yes, this printer prints the documents.
If no, step 5.
- 5** Is a printer specified in the **Inventory Handling Parameters (whinh0100m000)** session?
If yes, this printer prints the documents.
If no, you must select a printer from a dialog box.

Note: The setting of the Apply User Defaults of Sessions during Automatic Processing check box in the **Warehousing User Profiles (whwmd1140s000)** session determines whether the settings specified by the user apply to the printing processes performed in the print and process sessions.

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