

# SAP Shipping Point Determination



In SAP Shipping Point determined automatically via customization. You are still able to change the shipping point proposed by the system in Sales order (sales document) or Stock transfer Order (STO).

In a PO (STO):

**Stock Transp. Order 4501722260 Created by Sankaranarayanan Swetha**

Document Overview On | Print Preview | Messages | Personal Setting

UB Stock Transp. Ord... 4501722260 **Supplying Plant CH40** Mettler-Toledo GmbH MTIC Doc. date 08.02.2017

Header

S..	Itm	A	I	Material	Short Text	PO Quantity	O...	C	Deliv. Date	Matl Group	Plnt	Stor. Location	Batch
	10		U	11130318	Wägezelle ZMAGS0032K...		8 EA	D	10.02.2017	Load-cells_El.	Mettler-Toledo Gm..	Prod Uznach	

Item 1 [ 10 ] 11130318 , Wägezelle ZMAGS0032K4-...

Material Data | Quantities/Weights | Delivery Schedule | Delivery | Conditions | Texts | Delivery Address | Confirmations | Shipping

Delivery Type	ZNL	MT Replenishmen...	Delivery Date	10.02.2017	Sales Org.	CH40	MTIC
<b>Shipping Point</b>	<b>2010</b>	MTLC Assembly - ...	Deliv. Creation Date	09.02.2017	Distr. Channel	90	Interco & Returns
Del. Prior.	2	Normal item	Planned Deliv. Time	2 Days	Division	90	Interco & Returns
<b>Shipping Cond.</b>	<b>B3</b>	Internal_Transpor...	<input type="checkbox"/> Order Combinat.				
<b>Loading Group</b>	<b>2010</b>	MTLC Assembly	Customer	CCH50	Mettler-Toledo GmbH	Greifensee	
Trans. Group	0001	On pallets	Unloading Point				
Route	ZCH013	Internal_Transpor CH - CH					

In a Sales Order (SO):

**Display      Order EDI 142326443: Item Data**

Sales Document Item       Item category  MT Sales Item  
 Material       15003-EU

Sales A   Sales B   **Shipping**   Billing Document   Conditions   Account assignment   Sched

Ship-to party

Shipping			
Unloading Point	<input type="text"/>	Receiving point	<input type="text"/>
Department	<input type="text"/>	Delivery Prior.	<input type="text" value="1"/> High
Plant	<input type="text" value="NL31"/> Logistik GmbH Ne...	Stor. Location	<input type="text"/>
<b>Shipping Point</b>	<b><input type="text" value="2100"/> EU</b>	Part.dlv./item	<input type="text" value="C"/>
Route	<input type="text" value="ZHU100"/> S	Max.Part.Deliv.	<input type="text" value="1"/>
Mat.freight grp	<input type="text"/>	Order Combinat.	<input checked="" type="checkbox"/>
MnsOfTrns type	<input type="text"/>	Shipping type	<input type="text"/>
MeansTransp.	<input type="text"/>	Spec.processing	<input type="text"/>
<input checked="" type="checkbox"/> POD-relevant		Freight Account	<input type="text"/>

Weight and Volume		Delivery Tolerance	
Net weight	<input type="text" value="4,500"/> KG	Overdeliv. Tolerance	<input type="text" value="0,0"/> %
Gross weight	<input type="text" value="4,500"/>	Underdel. Tolerance	<input type="text" value="0,0"/> %
Volume	<input type="text" value="0,040"/> M3	Unlimited tol.	<input type="checkbox"/>

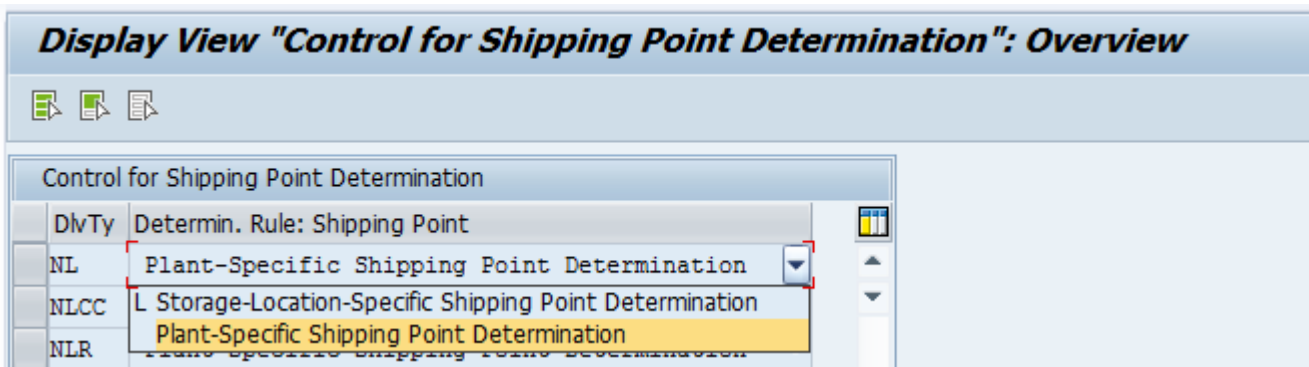
### Data for Shipping Point (ShP.) determination:

- **Shipping condition** <- from the Ship to party (can be overwritten by Shipping Condition from Sales Document Type)
- **Loading grp** <- from the material master
- **Plant** <- from the PO / Sales Order Item / Delivery Plant
- **Storage Location** <- from the PO / Sales Order Item

**Shipping point can be determined in two different ways. Control rule is responsible for it:**

SPRO: IMG -> Materials Management -> Purchasing -> Purchase Order -> Set up Stock Transport Order -> Set up Stock Transfer Between Storage Location -> Set up Storage-Location-Dependent Shipping Point Determination -> Define Rule for Determination of Shipping Point

1. Storage-Location-Specific Shipping Point Determination
2. Plant-Specific Shipping Point Determination



### 1. Shipping Point determination in **"Storage-Location-Specific"** method

SPRO: IMG -> Materials Management -> Purchasing -> Purchase Order -> Set up Stock Transport Order -> Set up Stock Transfer Between Storage Location -> Set up Storage-Location-Dependent Shipping Point Determination -> Assign Shipping Points According to Storage Location, table **TVSTZ\_STORLOC**

**General Table Display**

Background Number of Entries All Entries

Table  Storage-Location-Specific Shipping Point Determination

Text table

Layout

Maximum no. of hits

☐ No texts

☐ Maintain entries

**Selection Criteria**

Fld name	O.	Fr.Value	To value	More	Output	Technical name
Client						MANDT
Shipping Cond.					<input checked="" type="checkbox"/>	VSBED
Loading Group					<input checked="" type="checkbox"/>	LADGR
Plant					<input checked="" type="checkbox"/>	WERKS
Stor. Location					<input checked="" type="checkbox"/>	LGORT
Prop.ship.point					<input checked="" type="checkbox"/>	VSTEL
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE1
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE2
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE3
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE4
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE5
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE6
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE7
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE8
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE9
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE10
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE11

Useful Function Module: **SD\_TRANSFERDATA\_DETERMINE**

## 2. Shipping Point determination in “Plant-Specific” method

Go to SPRO: IMG -> Logistics Execution -> Shipping -> Basic Shipping Functions  
-> Shipping Point and Goods Receiving Point Determination -> Assign Shipping  
Points, transaction **OVL2**, table **TVSTZ**

## General Table Display

Background
 Number of Entries
 


 All Entries

Table

Text table

Layout

Maximum no. of hits

Organizational Unit: Shipping Points per Plant  
☐ No texts  
  
☐ Maintain entries

Selection Criteria						
Fld name	O.	Fr.Value	To value	More	Output	Technical name
Client						MANDT
Shipping Cond.		B3			<input checked="" type="checkbox"/>	VS8ED
Loading Group		2010			<input checked="" type="checkbox"/>	LADGR
Plant		CH40			<input checked="" type="checkbox"/>	WERKS
Dummy					<input checked="" type="checkbox"/>	LGORT
Prop.ship.point					<input checked="" type="checkbox"/>	VSTEL
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE1
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE2
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE3
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE4
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE5
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE6
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE7
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE8
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE9
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE10
Manual ship.pt					<input checked="" type="checkbox"/>	VSTE11
Created by					<input checked="" type="checkbox"/>	ERNAM

[illegible]