

# 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):

The screenshot shows the SAP Stock Transfer Order (STO) interface for document 4501722260. The 'Supplying Plant' is highlighted as CH40. The item list shows a single item with material 11130318 and a shipping point of 2010. The 'Shipping Point' field is highlighted in green, and the 'Shipping Cond.' field is highlighted in red.

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-...

Field	Value	Field	Value	Field	Value	
Delivery Type	ZNL	MT Replenishmen...	Delivery Date	10.02.2017	Sales Org.	CB40 MTIC
Shipping Point	2010	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
Shipping Cond.	B3	Internal_Transpor...	<input type="checkbox"/> Order Combinat.			
Loading Group	2010	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: 10      Item category: ZTAN      MT Sales Item

Material: 30219632      15003-EU

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

Ship-to party: CHU01

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

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

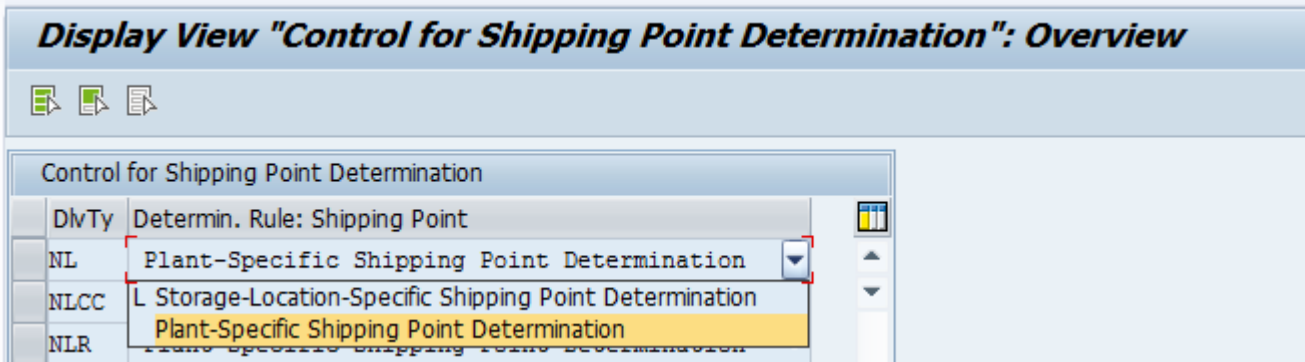
### Data for Shipping Point (ShP.) determination:

- **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:  No texts

Layout:

Maximum no. of hits:   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**

