Stock Transport Order - STO

Overview

STO is the intracompany process to transfer materials, between one plant to another within the same company with the same company code.

Customizings for STO

- You have to register the supplying plant as a supplier and the receiving plant as a customer.
  
The supplying plant can be customized on the vendor master data.

1. XK03
2. Enter the information of the supplying plant
3. Select Purchasing Data and press enter
4. Go to Extras
5. Select Add. Purchasing Data
6. See image below for reference:

![Image of vendor master data customization]

The receiving plant can be customized following the path on SPRO:

1. Materials Management
2. Purchasing
3. Purchase Order
4. Set Up Stock Transport Order
5. Define Shipping Data for Plants
Table _1B1M02V should be set as below for movements 86X:

**Display View "MM-IV: Nota Fiscal Relevance": Overview**

<table>
<thead>
<tr>
<th>Movmt type</th>
<th>NF rel.</th>
<th>NF type</th>
<th>NF Item Type</th>
<th>NF Sp. Case</th>
<th>NF P type</th>
<th>Part. func.</th>
</tr>
</thead>
<tbody>
<tr>
<td>861</td>
<td>j</td>
<td>R1</td>
<td>2</td>
<td>B</td>
<td>BR</td>
<td></td>
</tr>
<tr>
<td>862</td>
<td>j</td>
<td>M1</td>
<td>2</td>
<td>B</td>
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<td>864</td>
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</tr>
</tbody>
</table>

**OMJJ** - In this transaction you can set the allowed transaction for each movement, field settings, etc.

**Change View "Movement Type": Overview**

Tax Code Configuration on J1BTAX - MM
Posting String Configuration

1. J1BTAX
2. Nota Fiscal
3. Inventory Management
4. IM Posting Strings
5. Select the value string and make sure the option 'line item ID' is set to T - Tax or D - Tax.

Standard Process Flow

ME21N - Generate the Stock Transport Order

Use the order type 'UB' and Item Category should be set as 'U'.
VL10B - Create delivery

Fill the Purchasing document field and press Execute (F8):

Select the line click on Background:

Delivery will be created and you can now double click on delivery number created under 'Document' column:
Click on 'Edit/Change'(F1), then in 'Picking' tab fill the value in Picked Qty and all other necessary and relevant information.

**VL02N or VL03N - Change/Display Outbound Delivery**

Enter the delivery created and press enter, then go to document flow (F7) to see an overview of documents created and it corresponding status.

**J1B3N - Display Nota Fiscal**

The DOCNUM should come up automatically just enter the NF to see all the values of the NF created.
MMBE / MB5T - Check goods movement

With these transactions, you can check the material's current situation. In this case, if the stock is in transit or if it was already delivered and free. Here we can see an example of the system showing all the information about the material per Storage Location:
Another alternative is MBST:

**Display Stock in Transit**

With this transaction, you can see all the Stock in transit as shown below:
MIGO - Goods Receipt and incoming Nota Fiscal

Fill the outbound delivery number and enter movement 861.

Check items and mark them as ok and then post document.

You can check the Nota Fiscal if you wish just by clicking on NF button.

Debug Tips

- SE80>>>Function Group>>>J1BN>>>Function Module>>> J_1B_IM_TX_CALCULATE_TAX_NEW
  For all calculation routines related to material movement can be see in this FM and it is where it starts the interface with FI.
- SE37>>>Function Module>>> CALCULATE_TAX_ITEM
  Where the KOMP and KOMK will be filled.
- SE80>>> Function Group>>>J1BF>>>Include LJ1BFF01
  - In this include the NF is created.
- SE80>>> Function Group>>>MBGB>>> Subroutine>>> FORM AUSGABE (INCLUDE LMBGBFSU)
  This include you can find out issues regarding accounting posting and the famous balance error.

Related Documents

Stock Transfer Order (STO) with Full or Partial Return of Transit Stock
Check out the SCN post in Portuguese about STO scenario for additional information.
Check out the SCN post in English about STO scenario for additional information.

Related Notes/KBAs

123124 - LSA BR:5th v. Customizing of Brazilian movement types
  *This note delivers the report CATT P40XXXX_CU_BR to set all the Brazilian movements to its standard settings.
123124 - LSA BR:5th v. Customizing of Brazilian movement types
2149094 - STO - Changing tax code during Goods Receipt, at MIGO
<table>
<thead>
<tr>
<th>Issue Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>2164657</td>
<td>STO - Changing tax code during Goods Receipt, at MIGO</td>
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<tr>
<td>1650850</td>
<td>Message error 8B122 when use transaction MR8M</td>
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<tr>
<td>1650880</td>
<td>Subcontract Process Supported for Brazil Localization</td>
</tr>
<tr>
<td>1294597</td>
<td>NOTA Fiscal generation for inbound delivery</td>
</tr>
<tr>
<td>2078053</td>
<td>Automatic determination of Incoterms for all Nota Fiscal processes</td>
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<tr>
<td>1890828</td>
<td>Message &quot;8B 146&quot; - Enter a partner type, a partner function, and a partner iden</td>
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<td>2069453</td>
<td>MB1B- Incoterm is not being filled automatically for movement type 833</td>
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<tr>
<td>2069463</td>
<td>Encapsulation of inbound delivery check</td>
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<tr>
<td>2038744</td>
<td>Incoterms not filled automatically for mvt 541</td>
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<tr>
<td>1768008</td>
<td>Subcontracting: Configuring acc.keys for different acc.</td>
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<tr>
<td>2037109</td>
<td>Subcontracting: Balance error in reversal process for mvt 542</td>
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<tr>
<td>2055635</td>
<td>LPP: Incoming nota fiscal (GR) generated with wrongly values for STO process</td>
</tr>
<tr>
<td>2062152</td>
<td>LPP: Incoming nota fiscal (GR) generated with wrongly values for STO process</td>
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<tr>
<td>679372</td>
<td>DIFAL - Brazil: Tax on goods movements - Customizing</td>
</tr>
<tr>
<td>2012645</td>
<td>STO: Goods Receipt error on MIGO using Inbound Delivery</td>
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<tr>
<td>1977720</td>
<td>Subcontracting: Reversal document generated by mvt. 544 did not generate taxes</td>
</tr>
<tr>
<td>2000223</td>
<td>Subcontracting: Reversal document generated by mvt. 544 did not generate taxes</td>
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<tr>
<td>1640802</td>
<td>Stock Transport Order between project stocks</td>
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<tr>
<td>1677806</td>
<td>Allow tax calculation for subcontracting process</td>
</tr>
<tr>
<td>1618453</td>
<td>How to fix quantity on stock in transit?</td>
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