TRANSPORTATION MANAGEMENT
INTER & INTRA
MISSION TRANSFERS
- TM INTEGRATION -

Transportation Planning and Management and Track & Trace
(TPTM – T&T project –Phase II)

Bryan Barrachina

UCS Training Team

18/10/2019
Main purpose of this presentation is:

- **To identify the key transactions** in ECC that will have a direct impact in TM when creating STRs and STOs for INTER and INTRA Mission Transfers
- **To show the output documents and data** in TM of ECC transactions when creating STRs and STOs for INTER and INTRA Mission Transfers
- **To understand** the linkage between:

  - ECC
    - PLANT/Purchasing Group
  - TM
    - Planning & Execution Group
ECC & TM DERIVATIONS

<table>
<thead>
<tr>
<th>ECC</th>
<th>TM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchasing Group</td>
<td>Planning &amp; Execution Group</td>
</tr>
<tr>
<td>T66</td>
<td>PT66</td>
</tr>
<tr>
<td>Plant</td>
<td>Plant</td>
</tr>
<tr>
<td>UNAMI IQ20</td>
<td>UNAMI IQ20</td>
</tr>
</tbody>
</table>

- Purchasing Organization: 1000
- Sales Organization: 1000

Organizational Data

- Sales Organization: SG_1000
- Sales Office: SG_1000
- STO: UNAMI

### ECC/STO vs TM = NEW

- UNIGC: IT01 T61 GSSC-ENG PSTO
- UNIGC: IT01 T62 GSSC-ICT PSTO
- UNIGC: IT01 T63 GSSC-MED PSTO
- UNIGC: IT01 T64 GSSC-SHQ PSTO
- UNIGC: IT01 T65 GSSC-SUP PSTO
- UNIGC: IT01 T66 GSSC-TPT PSTO
- UNIGC: IT01 TR1 UN Reserve PSTO
- UNIGC: IT01 T51 UNIS PSTO
- UNOCA: GA20 T32 UNOCA PT32
- UNOAU: ET20 T34 UNOAU PT34
- UNNOWAS: SN20 T38 UNNOWAS PT38
- UNSMIL: LY20 T40 UNSMIL PT40
- MINUSMA: ML10 T45 MINUSMA PT45
- RJRS: SY20 T47 RJRS (OAS-Syria) PT47
- UNSCOL: LB20 T50 UNSCOL PT50
- UNSCO: IL20 T51 UNSCO PT51
- UNMIK: XK10 T53 UNMIK PT53
- UNIGC: IT01 T58 UNIGC PT58
- UNTSO: IL10 T60 UNTSO PT60
- UNIFIL: LB10 T62 UNIFIL PT62
- UNDOF: SY10 T63 UNDOF PT63
- UNIFCVP: CY10 T64 UNIFCVP PT64
- UNAMI: IQ20 T66 UNAMI PT66
- UNMOSIP: PK10 T67 UNMOSIP PT67
- UNRCCA: TM20 T68 UNRCCA PT68
- UNITAD: IQ21 T69 UNITAD PT69
<table>
<thead>
<tr>
<th>PROCUREMENT</th>
<th>PLAN</th>
<th>PROCUREMENT FREIGHT</th>
<th>EXECUTE &amp; MONITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTER – INTRA Mission Transfers</td>
<td>DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
<td>CARRIER</td>
</tr>
<tr>
<td>DAP / EXW / FCA</td>
<td></td>
<td></td>
<td>DAP / EXW / FCA</td>
</tr>
</tbody>
</table>

-**TM Integration**
  - LSCC
  - Create STR

-**PLANT**
  - Plant
  - Storage Location
  - Purchasing Group
  - Purchasing Org

**OFFICE OF SUPPLY CHAIN MANAGEMENT**

**UCS TRAINING TEAM**
The LSCC adds “Receiving Plant”, “Receiving Storage Location”, Purchasing Group, Delivery Date, and Purchasing Org.

The Purchasing Group added in the STR will derive in TM as the Planning & Execution Group providing visibility of the DTR and FU documents in TM.

The Purchasing Organization added in the STR will derive in TM as United Nations Sales Org.

The Plant and Receiving Storage Location define the Destination Location and Address in TM.

Each Delivery Date added to each line will have an impact on the number of Outbound Documents, DTRs and FUs generated.
<table>
<thead>
<tr>
<th>PROCURE</th>
<th>PLAN</th>
<th>PROCUREMENT FREIGHT</th>
<th>EXECUTE &amp; MONITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTER – INTRA Mission Transfers DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
</tr>
<tr>
<td>TM Integration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GSCC/LSCC</td>
<td>Create STO</td>
<td>ECC</td>
<td>CARRIER</td>
</tr>
</tbody>
</table>
GSCC adds relevant Purchasing Group of Shipping Mission

The Purchasing Group of the Shipping Plant added in the STO will derive in TM as the Planning & Execution Group of the Issuing Plant providing visibility of the DTR and FU documents in TM.
GSCC adds relevant Supplying Plant (Shipping Plant) and Issuing Storage Location determining the Source Location in TM.
GSCC adds relevant Incoterm and Incoterm Location

The concept of incoterm does not refer to a commercial agreement in STO scenarios.

The Incoterm added at header level will have an impact on which Plant (Supplying/Receiving) Plans Transportation and Submits Events in TM.

The Incoterm Location selected indicates in TM the Handover Location (FCA), Final Destination (DAP), or Pick Up Location (EXW) for the Carriers assigned.

Create Purchase Order

---

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM
GSCC adds relevant Delivery Date

Each Deliv. Date added to each line will have an impact on the number of Outbound Documents, DTRs and FUs generated.

It is expected to have one shipment per each STO. If there is the need of two STO, they need to be split at the STO creation when adopting materials from the STR.
LSCC adds relevant Supplying Plant (Shipping Plant) determining the Source Location in TM.

The Incoterm added at header level will determine in TM which Plant (Supplying/Receiving) Plans Transportation and Submits Events.

*Note: The concept of incoterm does not refer to a commercial agreement in STO scenarios.

The Purchasing Group of the Shipping Plant added in the STO will derive in TM as the Planning & Execution Group of the Issuing Plant providing visibility of the DTR and FU documents in TM.
LSCC adds relevant Receiving Plant and Storage Location as well as Issuing Storage Location determining the Destination Location in TM as well as the Delivery Address for both the Source and Destination Locations in TM.

Each Delivery Date added to each line will have an impact on the number of Outbound Documents, DTRs and FUs generated beyond the incoterm assigned to it.

*Note: It is expected to have one shipment per each STO. If there is the need of two STOs, it needs to be split at the STO creation.
<table>
<thead>
<tr>
<th>PROCUREMENT</th>
<th>PLAN</th>
<th>PROCUREMENT FREIGHT</th>
<th>EXECUTE &amp; MONITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTER – INTRA Mission Transfers DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
<td>CARRIER DAP / EXW / FCA</td>
</tr>
</tbody>
</table>

- TM Integration
- Logistics User: Create Out. Delivery
- TM Document Flow
- ECC

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM
The number of Outbound Deliveries/Delivery transport Requests/Freight Units generated will be directly linked to the Incoterms/Delivery Dates added in the STO.

It is expected to have one Outbound Delivery per each STO. If there is the need of two STO, they need to be split at the STO creation when adopting materials from the STR.

These can be found under the TM Status tab
Under the TM Status tab, click on the Outbound Del Document Flow button and view all DTRs and FUs linked to the Document.
All TM automatically generated documents (DTRs/FUs) are listed under the Outbound Delivery document in ECC.
<table>
<thead>
<tr>
<th>PROCURE</th>
<th>PLAN</th>
<th>PROCURE FREIGHT</th>
<th>EXECUTE &amp; MONITOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTER – INTRA Mission Transfers</td>
<td>DAP / EXW / FCA</td>
<td>DAP / EXW / FCA</td>
<td>CARRIER</td>
</tr>
<tr>
<td>DAP / EXW / FCA</td>
<td></td>
<td></td>
<td>DAP / EXW / FCA</td>
</tr>
</tbody>
</table>

**TM Integration**

**Whs.Sen/Log User**

**Create HU**

**ECC**

**OFFICE OF SUPPLY CHAIN MANAGEMENT**

**UCS TRAINING TEAM**
The Packing details as well as the selected Packaging Material/s and Handling Unit/s will have a direct impact in TM documents (DTR/FU/FO/SOW)
The **Umoja System** automatically generates the DTR and Freight Unit documents from the Outbound Delivery.

The **Document Flow** tab in TM will display all these linked documents.

### Display DTR for STO 1100000483 (Outbound Delivery 80004012)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DTR for STO 1100000483 (Outbound Delivery 80004012)</td>
<td>DTR for STO</td>
<td>1100000483</td>
<td>In Planning</td>
<td>Q1POST100PXY</td>
<td>04.09.2019 10:43:56 CET</td>
<td>Q1POST100PXY</td>
<td>04.09.2019 12:00:45 CET</td>
<td></td>
</tr>
<tr>
<td>Predecessor Business Documents</td>
<td>Outbound Delivery</td>
<td>80004012</td>
<td></td>
<td></td>
<td>04.09.2019 00:00:00 CET</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Successor Business Documents</td>
<td>STO Planned Fit Unit</td>
<td>4100001196</td>
<td>In Process</td>
<td>Q1POST100PXY</td>
<td>04.09.2019 10:43:56 CET</td>
<td>Q1POST100PXY</td>
<td>04.09.2019 12:50:49 CET</td>
<td></td>
</tr>
</tbody>
</table>
THANK YOU!

Questions?