TRANSPORTATION MANAGEMENT INTER & INTRA MISSION TRANSFERS - TM INTEGRATION -

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

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UCS Training Team

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TM INTEGRATION – INTER & INTRE MISSION TRANSFERS

Main purpose of this presentation is:

- <u>To identify the key transactions</u> in ECC that will have a direct impact in TM when creating STRs and STOs for INTER and INTRA Mission Transfers

- <u>To show the output documents and data</u> in TM of ECC transactions when creating STRs and STOs for INTER and INTRA Mission Transfers
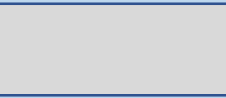
- <u>To understand</u> the linkage between:
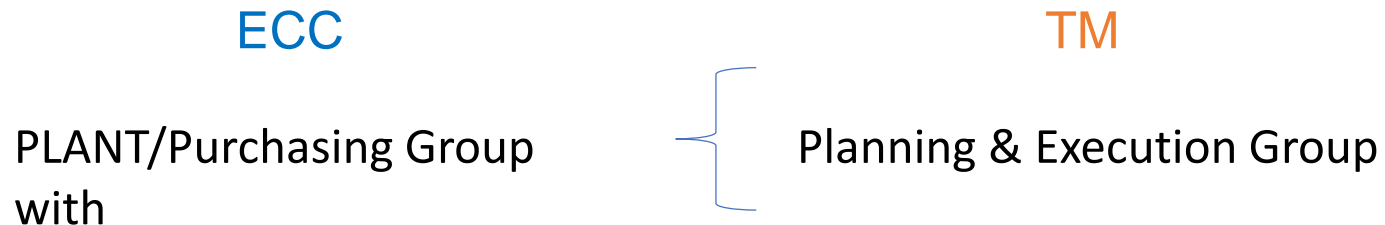
ECC	TM
PLANT/Purchasing Group with	Planning & Execution Group

PROCURE

INTER – INTRA Mission Transfers
DAP / EXW / FCA

TM Integration

LSCC
Create STR

GSCC/LSCC
Create STO
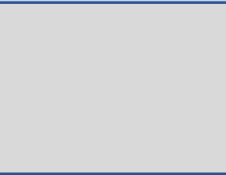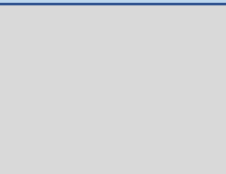
| Plant |
| Storage Location |
| Purchasing Group |
| Incoterm |
| Inc. Location |
| Del. Date |
| Purchasing Org |

Logistics User
Create Out. Delivery

TM Document Flow

Whs.Sen/Log User
PACK

Create HU

E C C

PLAN

DAP / EXW / FCA

Umoja System
Create DTR

Umoja System
Create Freight Unit

TS.07 TM Plnr
Select FU(s) in TM Cockpit

Shipping Plant DAP/FCA

Receiving Plant EXW

TS.07 TM Plnr
Generate SOW

T M

PROCURE FREIGHT

DAP / EXW / FCA
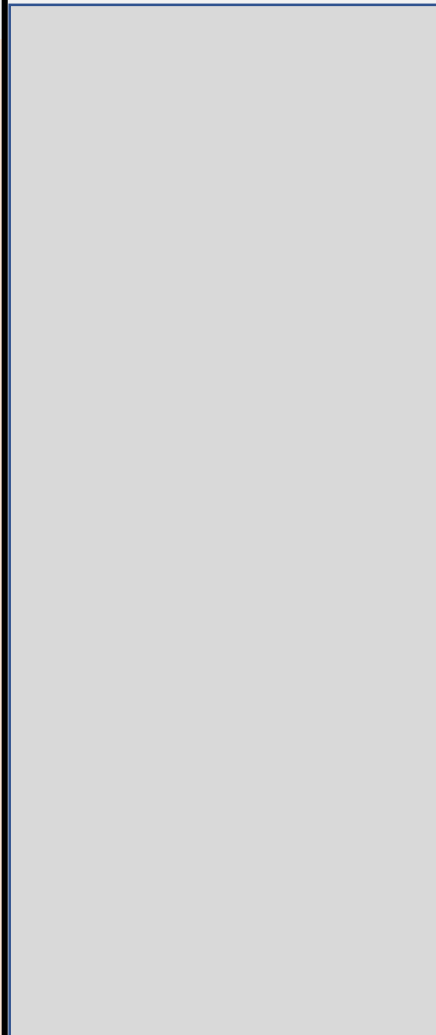
EXECUTE & MONITOR

CARRIER
DAP / EXW / FCA

ECC & TM DERIVATIONS

ECC	TM
Purchasing Group →	Planning & Execution Group
T66	PT66
Plant	Plant
UNAMI IQ20	UNAMI IQ20
Purchasing Organization	Sales Organization
1000	1000

Organizational Data

Sales Organization:	SO_1000	United Nations Sales Org.
Sales Office:		
Sales Group:	SG_T66	STO - UNAMI
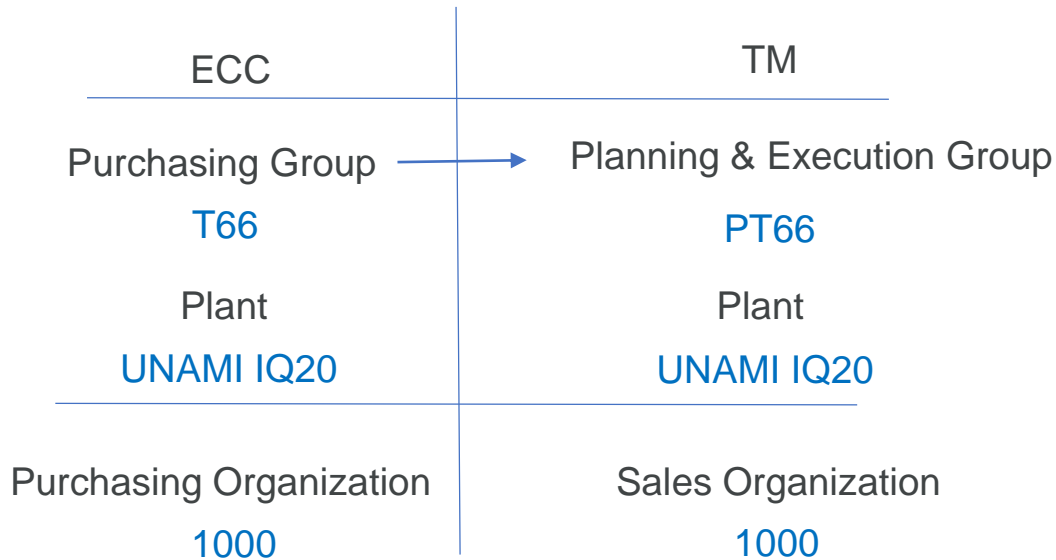
ECC/STO				TM = NEW
Entity	Plant	Purchasing Grp	Description	Planning & Execution Grp
UNGSC	IT01	TG1	GSCC - ENG	PSTO
UNGSC	IT01	TG2	GSCC - ICT	PSTO
UNGSC	IT01	TG3	GSCC - MED	PSTO
UNGSC	IT01	TG4	GSCC - SHQ	PSTO
UNGSC	IT01	TG5	GSCC - SUP	PSTO
UNGSC	IT01	TG6	GSCC - TPT	PSTO
UNGSC	IT01	TR1	UN Reserve	PSTO
UNGSC	IT01	TS1	SDS	PSTO
UNOCA	GA20	T32	UNOCA	PT32
UNOAU	ET20	T34	UNOAU	PT34
UNOWAS	SN20	T38	UNOWAS	PT38
UNSMIL	LY20	T40	UNSMIL	PT40
MINUSMA	ML10	T45	MINUSMA	PT45
OJSRS	SY20	T47	OJSRS (OSE-Syria)	PT47
UNSCOL	LB20	T50	UNSCOL	PT50
UNSCO	IL20	T51	UNSCO	PT51
UNMIK	XK10	T53	UNMIK	PT53
UNGSC	IT01	T58	UNGSC	PT58
UNTSO	IL10	T60	UNTSO	PT60
UNIFIL	LB10	T62	UNIFIL	PT62
UNDOF	SY10	T63	UNDOF	PT63
UNFICYP	CY10	T64	UNFICYP	PT64
UNAMI	IQ20	T66	UNAMI	PT66
UNMOGIP	PK10	T67	UNMOGIP	PT67
UNRCCA	TM20	T68	UNRCCA	PT68
UNITAD	IQ21	T69	UNITAD	PT69

PROCURE	PLAN	PROCURE FREIGHT	EXECUTE & MONITOR
INTER – INTRA Mission Transfers DAP / EXW / FCA	DAP / EXW / FCA	DAP / EXW / FCA	**CARRIER** DAP / EXW / FCA

TM Integration

Plant

Storage Location

Purchasing Group

Purchasing Org

LSCC

Create STR

E C C

INTER MISSION TRANSFER – STR CREATION

LSCC	TM Integration
Create STR	Plant
	Storage Location
	Purchasing Group
	Purchasing Org
ECC	Del. Date
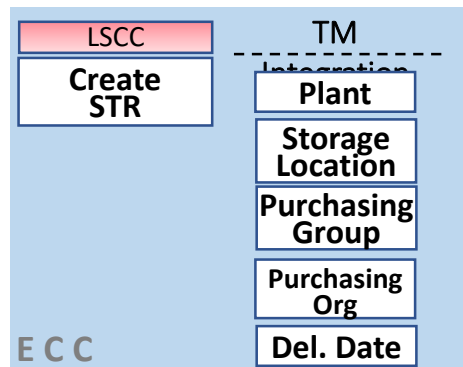
Impact in TM

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.

PROCURE

INTER – INTRA Mission Transfers
DAP / EXW / FCA

TM Integration

| Plant |
| Storage Location |
| Purchasing Group |
| Incoterm |
| Inc. Location |
| Del. Date |

GSCC/LSCC

Create STO

E C C

PLAN

DAP / EXW / FCA

PROCURE FREIGHT

DAP / EXW / FCA

EXECUTE & MONITOR
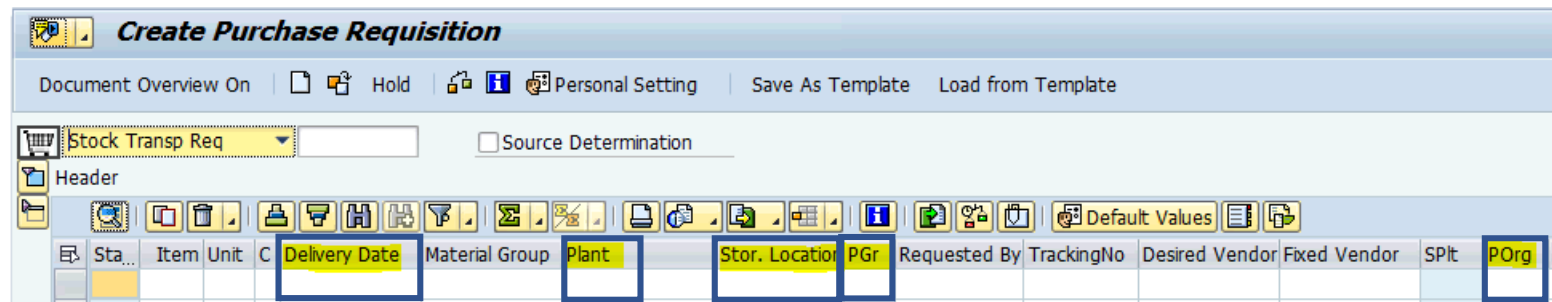
CARRIER

DAP / EXW / FCA

INTER MISSION TRANSFER – STO from STR CREATION

GSCC
Create STO

TM
Integration
Purchasing Group

E C C

Impact in TM

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

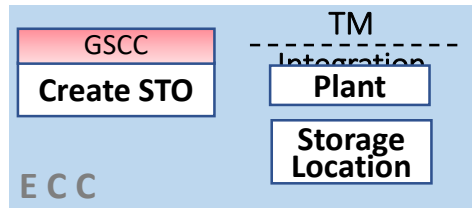# INTER MISSION TRANSFER – STO from STR CREATION

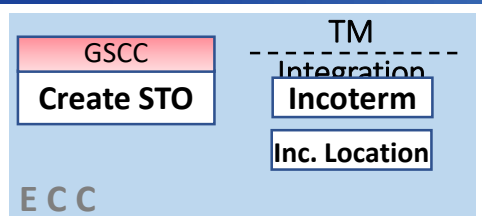| GSCC	TM
Create STO	**Plant**
	Storage Location

E C C

Impact in TM

GSCC adds relevant Supplying Plant (Shipping Plant) and Issuing Storage Location determining the Source Location in TM

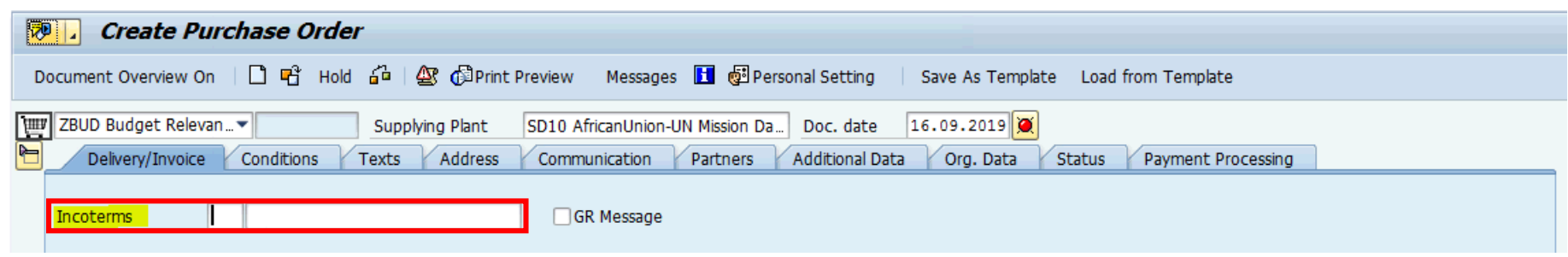# INTER MISSION TRANSFER – STO from STR CREATION

Impact 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.

INTER MISSION TRANSFER – STO from STR CREATION

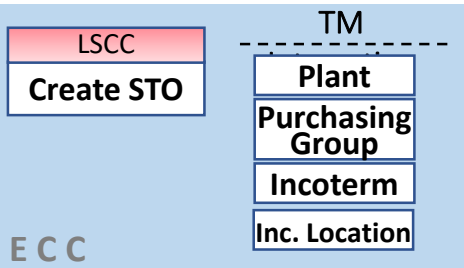
GSCC | TM
Create STO | Del. Date

E C C
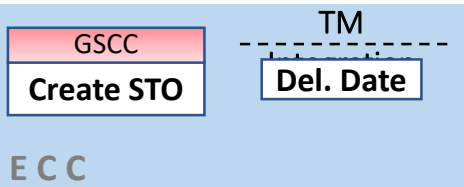
Impact in TM

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.

INTRA MISSION TRANSFER – STO CREATION

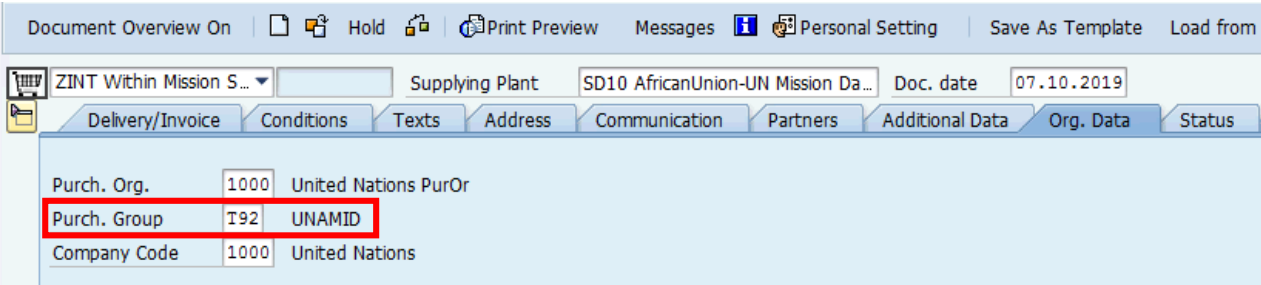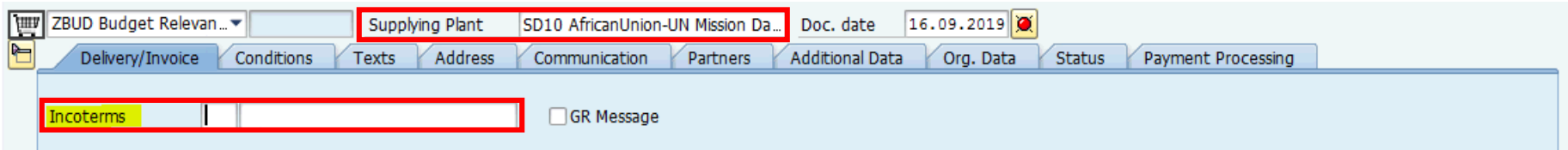| LSCC	TM
Create STO	**Plant**
	Purchasing Group
	Incoterm
E C C	Inc. Location

Impact in TM

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
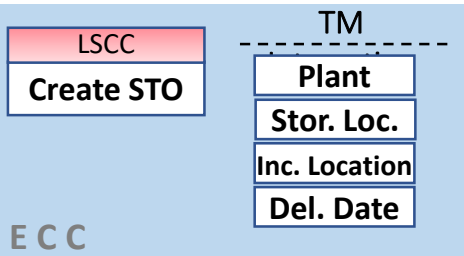
The **Purchasing Group** of the Shipping Plant added in the STO will derive in TM as the

Planning & Execution Group of the Issuing Plant providing visibility of the DTR and FU documents in TM

| ZBUD Budget Relevan… ▼ | | Supplying Plant | SD10 AfricanUnion-UN Mission Da… | Doc. date | 16.09.2019 |

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status | Payment Processing

Incoterms | | | ☐ GR Message

Document Overview On | 📄 🗐 Hold 🗐 | 🖨Print Preview | Messages | ℹ️ 🗐Personal Setting | Save As Template | Load from

| ZINT Within Mission S… ▼ | | Supplying Plant | SD10 AfricanUnion-UN Mission Da… | Doc. date | 07.10.2019 |

Delivery/Invoice | Conditions | Texts | Address | Communication | Partners | Additional Data | Org. Data | Status

Purch. Org. | 1000 | United Nations PurOr
Purch. Group | T92 | UNAMID
Company Code | 1000 | United Nations

INTRA MISSION TRANSFER – STO CREATION

TM

LSCC
Create STO

| TM |
|----|
| **Plant** |
| **Stor. Loc.** |
| **Inc. Location** |
| **Del. Date** |

E C C

Impact 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.
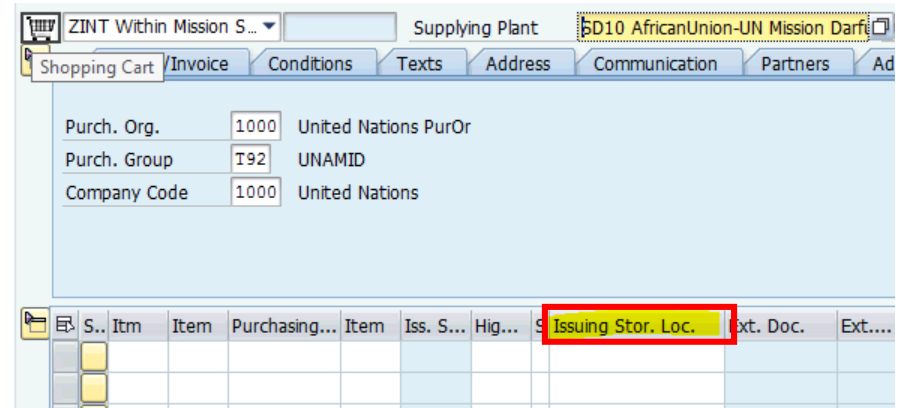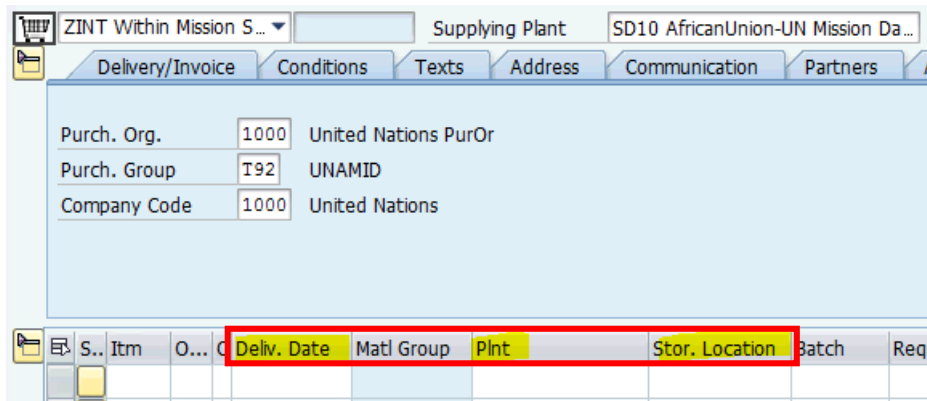
PROCURE	PLAN	PROCURE FREIGHT	EXECUTE & MONITOR
INTER – INTRA Mission Transfers	DAP / EXW / FCA	DAP / EXW / FCA	**CARRIER**
DAP / EXW / FCA			DAP / EXW / FCA

TM Integration

Logistics User
Create Out. Delivery

TM Document Flow

E C C

ECC & TM INTEGRATIONS

Logistics User
Create Out. Delivery

TM Integration
TM Document Flow

E C C

Impact in TM

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.
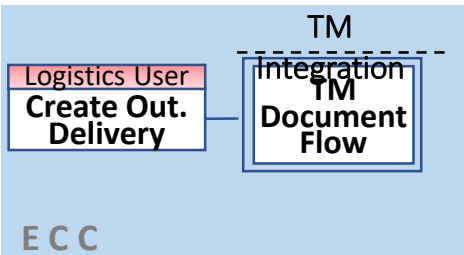
These can be found under the TM Status tab

ECC & TM INTEGRATIONS

Impact in TM

Under the TM Status tab Click on the Outbound Del Document Flow button and view all DTRs and FUs linked to the Document.

ECC & TM INTEGRATIONS

TM
Integration

Logistics User	TM Document Flow
Create Out. Delivery	

E C C

Impact in TM

All TM automatically generated documents (DTRs/FUs) are listed under the Outbound Delivery document in ECC

TM Document Flow for Delivery 80004012

Delivery	80004012

Life Cycle Status	In Process		Tendering Status	
Execution Status	Not Started		Invoicing Status	
Confirmation Status	No Confirmation Yet		Execution Block	Not Blocked
Subcontracting Sts	Carrier Assigned		Planning Block	Not Blocked

| TM Document | ERP Document | Display FU Items | Packing View |

ERP-TM Document Flow	ERP Doc	ERP Item	Schl Line	Quantity	Unit	Status	BTD ID	BTD Descr.	BTD Cat.	BTD Cat.	Delivery
▼ Outbound Delivery	80004012						80004012	Outbound Delivery 80004012			
▼ Delivery-Based Transportation Requirement	80004012						1100000483	DTR for STO 1100000483 (Outbound Delivery 80004012)	02	Delivery-Based Transportation Requirement	80004012
▼ Outbound Delivery Item	80004012	10		1 EA			1100000483	DTR for STO 1100000483 (Outbound Delivery 80004012)	02	Product	
• Package	80004012	10					1100000483	DTR for STO 1100000483 (Outbound Delivery 80004012)	02	Package	
▼ Freight Unit	80004012	10					4100001195	STO Planned Frt Unit 4100001195	FU	Freight Unit	

PROCURE	PLAN	PROCURE FREIGHT	EXECUTE & MONITOR
INTER – INTRA Mission Transfers	DAP / EXW / FCA	DAP / EXW / FCA	CARRIER
DAP / EXW / FCA			DAP / EXW / FCA

TM Integration

Whs.Sen/Log User		Create HU
PACK		

E C C

ECC & TM INTEGRATIONS

Whs.Sen/Log User
PACK

E C C

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)

PROCURE	PLAN	PROCURE FREIGHT	EXECUTE & MONITOR
INTER – INTRA Mission Transfers DAP / EXW / FCA	DAP / EXW / FCA	DAP / EXW / FCA	**CARRIER** DAP / EXW / FCA

PROCURE

TM Integration

LSCC
Create STR

GSCC/LSCC
Create STO

Plant
Stor. Loc.
Purch.Grp
Incoterm
Inc. Location
Del. Date

Logistics User
Create Out. Delivery

TM Document Flow

Whs.Sen/Log User
PACK

Create HU

PLAN

Umoja System
Create DTR

E C C   T M

ECC & TM INTEGRATIONS

Umoja System
**Create
DTR**

T M

The **Umoja System** automatically <u>generates the DTR and Freight Unit documents</u> from the Outbound Delivery

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

Display DTR for STO 1100000483 (Outbound Delivery 80004012)

Save	Cancel	Edit	⟳	Follow Up ⌄

General Data	Business Partner	Locations and Dates/Times	**Document Flow**	Notes	Blocking Information	Administrative Data

| Display |

Document Hierarchy	Business Document Ty...	Business Document	Business Document Life...	Created By	Created On Date/Time	Changed By	Changed On Date/Time	Business Partner
▾ DTR for STO 1100000483 (Outbound Delivery 80004012)	DTR for STO	1100000483	In Planning	Q1PQ5T100PXY	04.09.2019 10:43:56 CET	Q1PQ5T10...	04.09.2019 12:00:45 CET	
▾ 🗔 Predecessor Business Documents								
Outbound Delivery 80004012	Outbound Delivery	80004012			04.09.2019 00:00:00 CET			
▾ 🗔 Successor Business Documents								
▾ ○○🟩 STO Planned Frt Unit 4100001195	STO Planned Frt Unit	4100001195	In Process	Q1PQ5T100PXY	04.09.2019 10:43:56 CET	01PLSTOP...	04.09.2019 12:50:49 CET	

THANK YOU!

Questions?

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM