



UNOE TRANSPORTATION MANAGEMENT END TO END PROCESS

Transportation Planning and Management and Track & Trace (TPTM-T&T project)

Elena Carrasco Comes / UCS Training Team, Valencia / Tuesday, October 15th

PROCURE

UNOE



S R M

PLAN

Goods Vendor Stage	Freight Forwarder Stage
FOB/FCA/ DAT/ DAP	EXW / FCA/ FOB/ DAT

PROCURE FREIGHT

EXW / FCA/ FOB/ DAT

EXECUTE & MONITOR

Goods Vendor Stage	Freight Forwarder Stage
FCA/ FOB/ DAT/ DAP	EXW /FCA/ FOB/ DAT

UNOE – PROCURE PHASE – SHOPPING CART & PURCHASE ORDER



- [Shopping Cart]: Contract Catalog will be used as preferred option. If so, same PID will be offered with different Incoterms (hence, different prices).
- [Shopping Cart]: Incoterm terms from contract catalog are not picked up in the Shopping Cart line. If populated, it needs to be inserted manually. Incoterm key shall be selected by using Matchbox. Location is free text
- [Shopping Cart]: Purchasing Group (SRM) will default the Planner Group (TM) that will have visibility on the DTR to be planned. Purchasing group and planner group are plant based.
- [Shopping Cart]: For goods, no freight line should be created. Freight Shopping Cart and Purchase Order will be created separately.
- [Shopping Cart]: PO Delivery Address/ Performance Location (SRM) becomes Destination Location in the Freight Unit (TM). Umoja TM will calculate the last leg according to the destination set as PO Delivery Address/ Performance Location
- Selecting the Supplier in SRM will allow the Supplier to submit the related transportation events in the Carrier Collaboration Portal (CCP)

UNOE – PROCURE PHASE – SHOPPING CART & PURCHASE ORDER



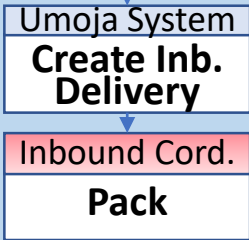
- [Purchase Order}: Buyers shall ensure the correctness of the following fields: Location, Ship- To- Address-, Purchasing Group, delivery date
- [Purchase Order}: Incoterm/ Key Location at header and item level may not be picked correctly; both incoterm key and location shall be selected by using the matchbox.
- [Purchase Order}: Selecting the Supplier in SRM will allow the Supplier to submit the related transportation events in the Carrier Collaboration Portal (CCP)
- [Purchase Order} The Delivery Date serves as the baseline date for the new Umoja Transportation Module to estimate all the other related dates (departure date, handover date, arrival at destination date, etc.) based on the UN Transportation Network Master Data
- Certifying Officers and Procurement Officers must review the accuracy of data.

PROCURE

UNOE



S R M



E C C

PLAN

Goods Vendor Stage	Freight Forwarder Stage
FCA/FOB/ DAT/ DAT	EXW / FCA/ FOB/ DAT

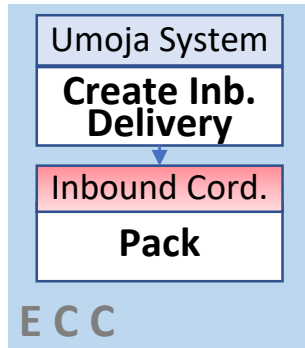
PROCURE FREIGHT

EXW / FCA/ FOB/ DAT

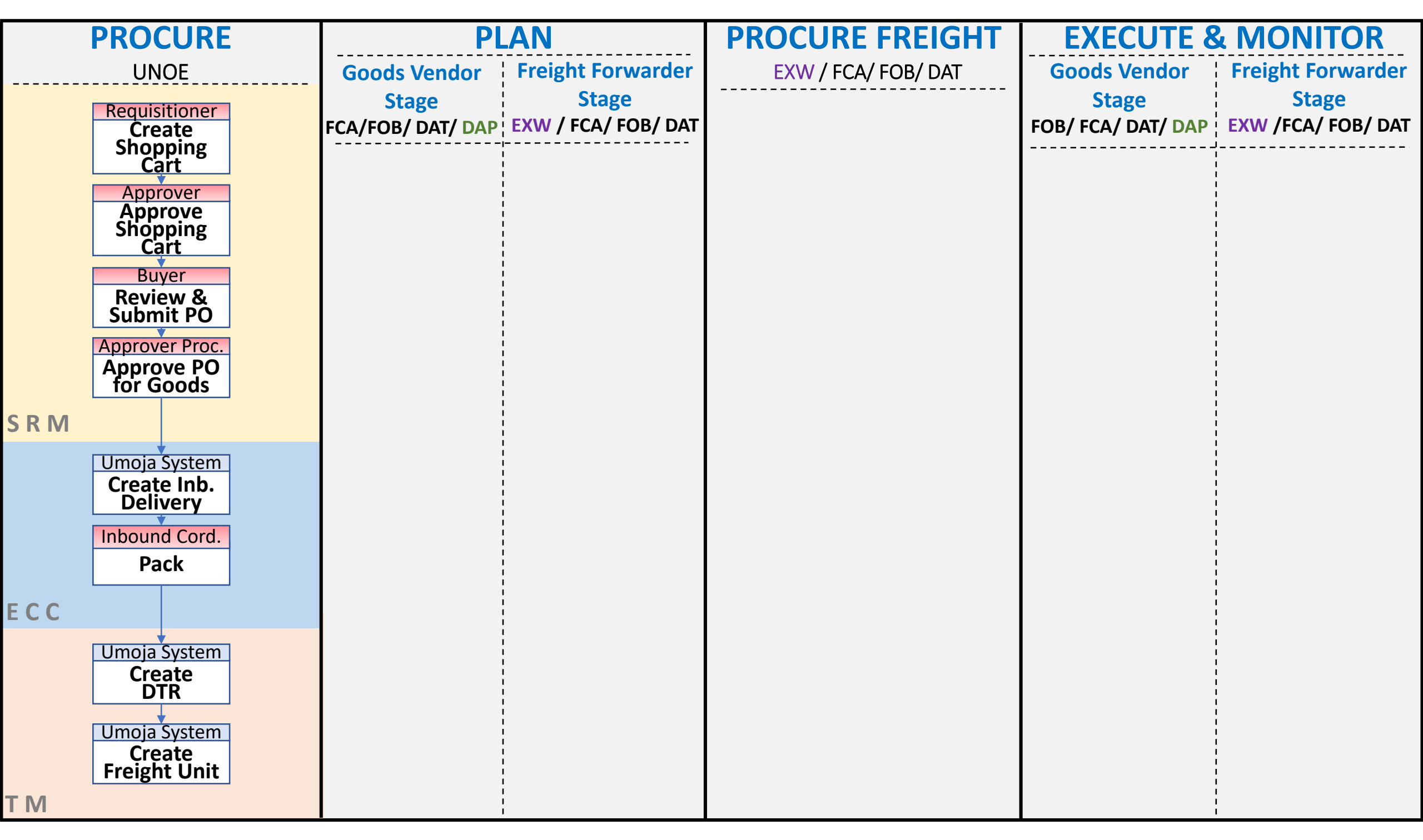
EXECUTE & MONITOR

Goods Vendor Stage	Freight Forwarder Stage
FCA/ FOB/ DAT/ DAP	EXW /FCA/ FOB/ DAT

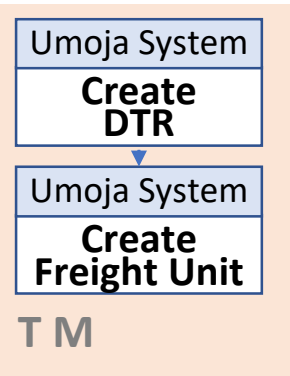
UNOE – PROCURE PHASE – INBOUND DELIVERY



- Inbound Delivery is created via batch job in **ECC** and can also be manually created.
- Product **weight & volume** is not maintained in the material master. Inbound coordinator shall update weight and volume in the **inbound delivery document manually**, based on supplier's packing list.
- Several **Packaging materials** (*material type "ZPAM"*) are available in the system
- **Packaging materials** and packing shall be **manually** inserted in the **inbound delivery document** as per vendor packing list.
- Weight, volume and packaging information duly updated in the "Inbound Delivery" will reflect the correct dimensions of the materials being shipped by creating "**Handling Units**".
- **Batch managed** materials (e.g. vaccines and medical, rations, ammunition) are around 1100PIDs. They need to be assigned in batches by editing the Inbound Delivery document, prior to packing.
- At the moment vendors are onboarded on **EDI**, the packing details will come automatically with the Advanced Shipping Notice (**ASN**).



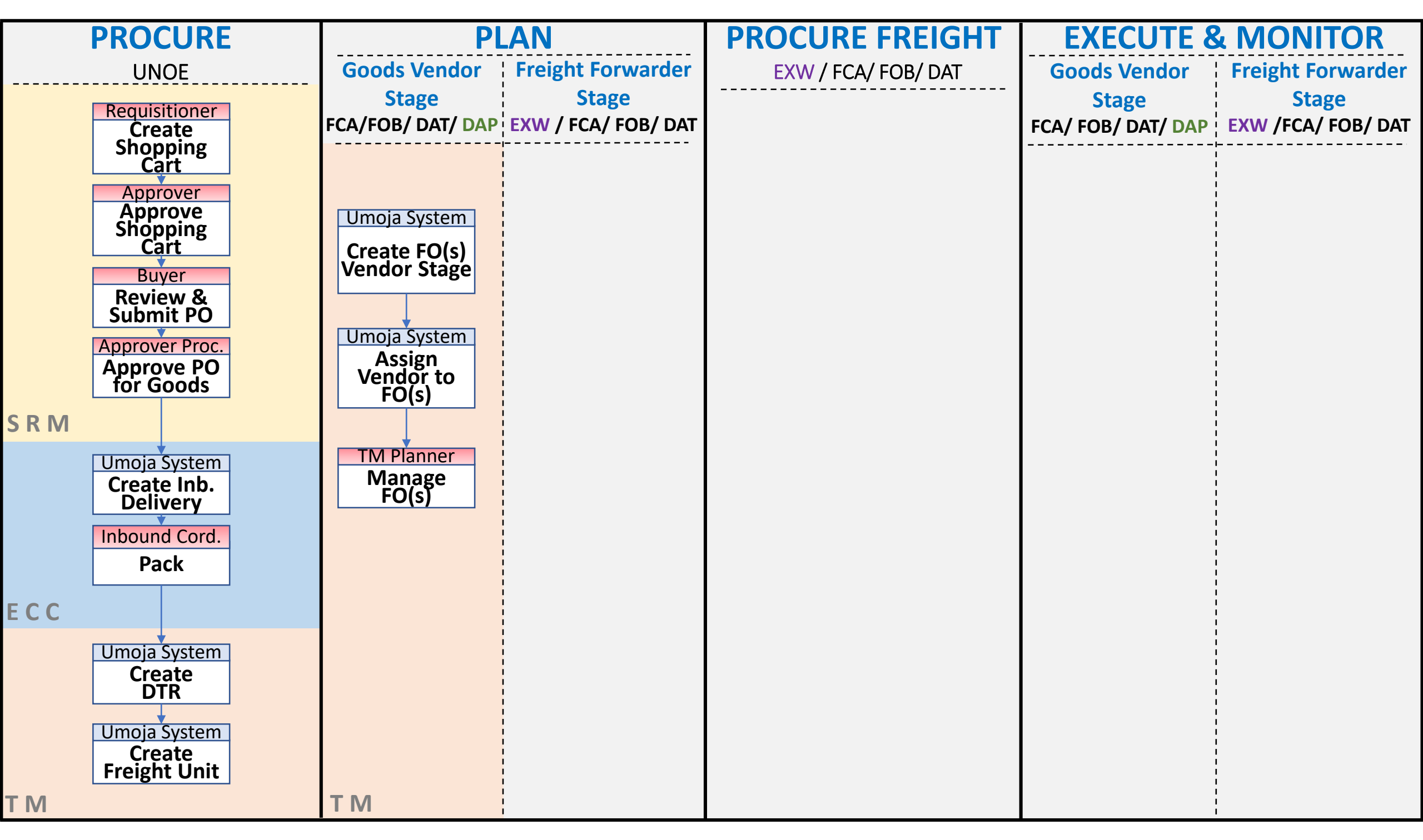
UNOE – PROCURE PHASE – DTR & FREIGHT UNIT



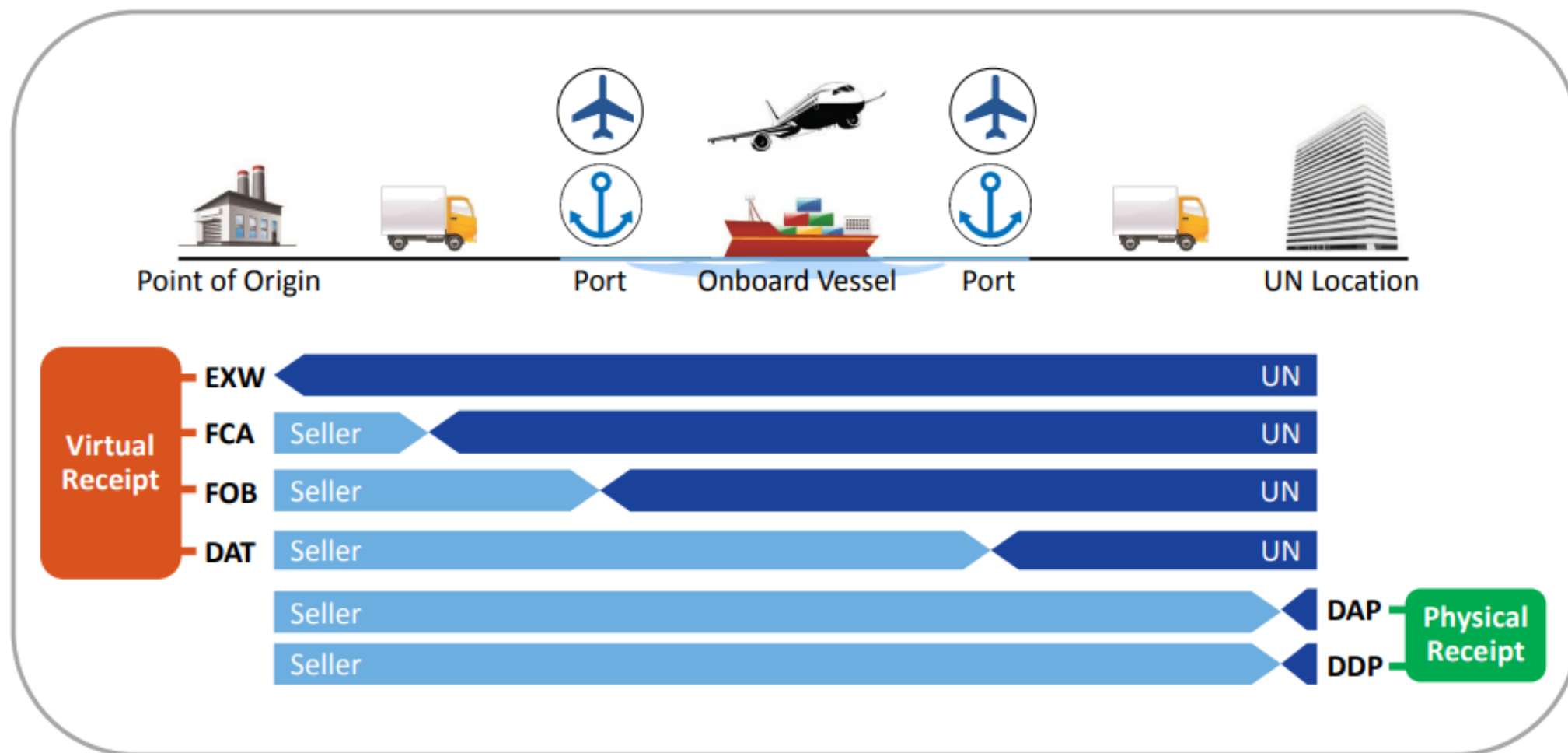
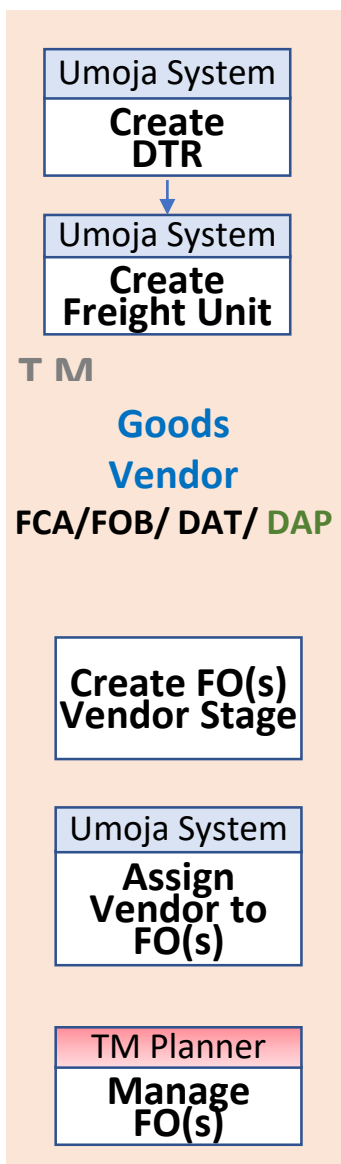
- Once the **Inbound Delivery** (IBD) is created in **ECC**, the system automatically creates the following documents in **TM**: a **Delivery-based Transportation Requirement** (DTR) and a **Freight Unit** (FU).
- Both the DTR and the FU are visible in the Inbound Delivery (**ECC**) by using the “**TM Status**” tab.

ERP-TM Document Flow	ERP Doc	Quantity	Unit	Status	BTD ID	BTD Descr.	BTD Cat.	BTD Cat.
▼ Inbound Delivery	180075157			→	180075157	Inbound Delivery 180075157		
▼ Delivery-Based Transportation Requirement	180075157			→	1100000099	DTR for UNOE 1100000099 (Inbound Delivery 180075157) 02		Delivery-Based Tr
▼ Inbound Delivery Item	180075157	2	EA	→	1100000099	DTR for UNOE 1100000099 (Inbound Delivery 180075157) 02		Product
▼ Freight Unit	180075157			→	4100000395	UNOE Planned Frt Unit 4100000395	FU	Freight Unit

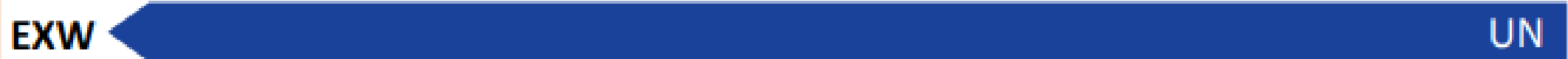
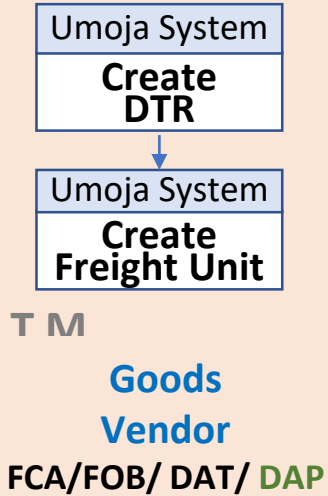
- With the current system configuration, there is a “**1 to 1 relationship**” between IBD, DTR & FU:
1 Inbound Delivery – 1 Delivery-based Transportation Requirement – 1 Freight Unit.
- The **Delivery-based Transportation Requirement** (DTR) document is the representation in **TM** of the **ECC** Inbound Delivery document.
- A **Freight Unit** (FU) represent a set of goods that are transported together across the entire transportation chain. The following data is available in the FU document:
 - Items
 - Transportation stages
 - Document flow
 - Status information



UNOE – PLAN PHASE – Goods vendor vs Freight Forwarder



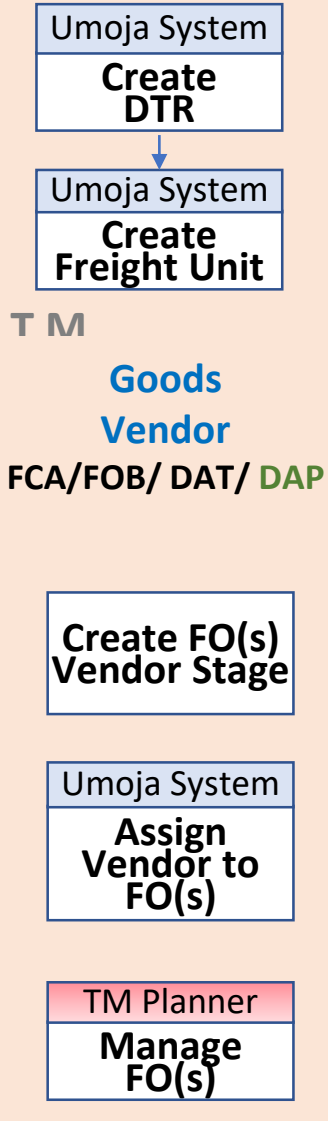
UNOE – PLAN PHASE – Goods vendor vs Freight Forwarder



Who manages the legs? Freight Order
Used for execution

Pre (HoL -> Port)	Main (Port -> Port)	On (Port -> Destination)
Receiving Plant	Receiving Plant	Receiving Plant

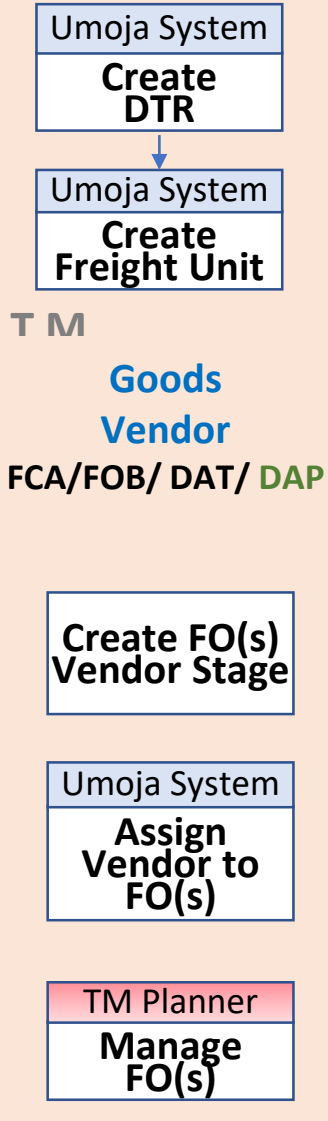
UNOE – PLAN PHASE – Goods vendor vs Freight Forwarder



Who manages the legs? Freight Order
Used for execution

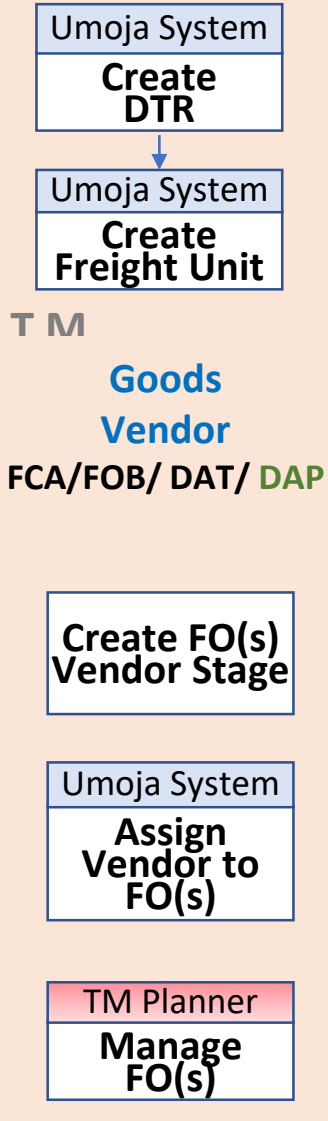
Pre (Source -> HoL)	Main (HoL -> Port)	On (Port -> Destination)
FCA: Vendor as carrier	FCA: Receiving Plant	FCA: Receiving Plant

UNOE – PLAN PHASE – Goods vendor vs Freight Forwarder



Who manages the legs?		Freight Order Used for execution
Pre (Source -> HoL)	Main (HoL -> Port)	On (Port -> Destination)
FOB: Vendor as carrier	FOB: Receiving Plant	FOB: Receiving Plant

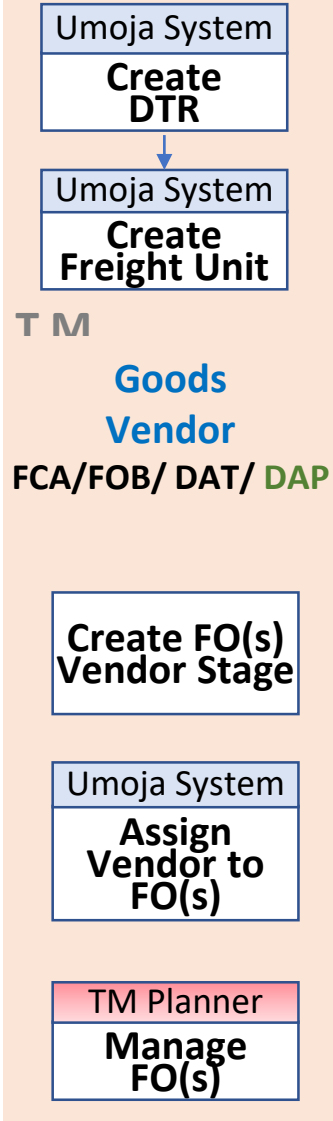
UNOE – PLAN PHASE – Goods vendor vs Freight Forwarder



Who manages the legs? Freight Order
Used for execution

Pre (Source -> Port)	Main (Port -> HoL)	On (HoL -> Destination)
DAT: Vendor as carrier	DAT: Vendor as carrier	DAT: Receiving Plant

UNOE – PLAN PHASE – Goods vendor vs Freight Forwarder



Seller

DAP

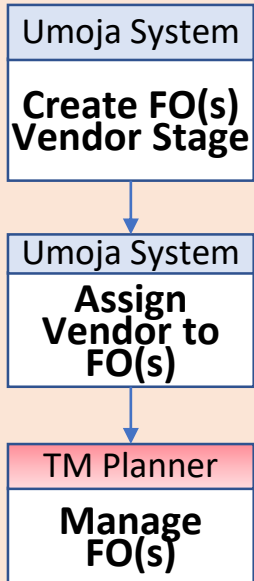
Who manages the legs?

Freight Order
Used for execution

Pre (Source -> Port)	Main (Port -> Port)	On (Port -> Destination)
Vendor as carrier	Vendor as carrier	Vendor as carrier

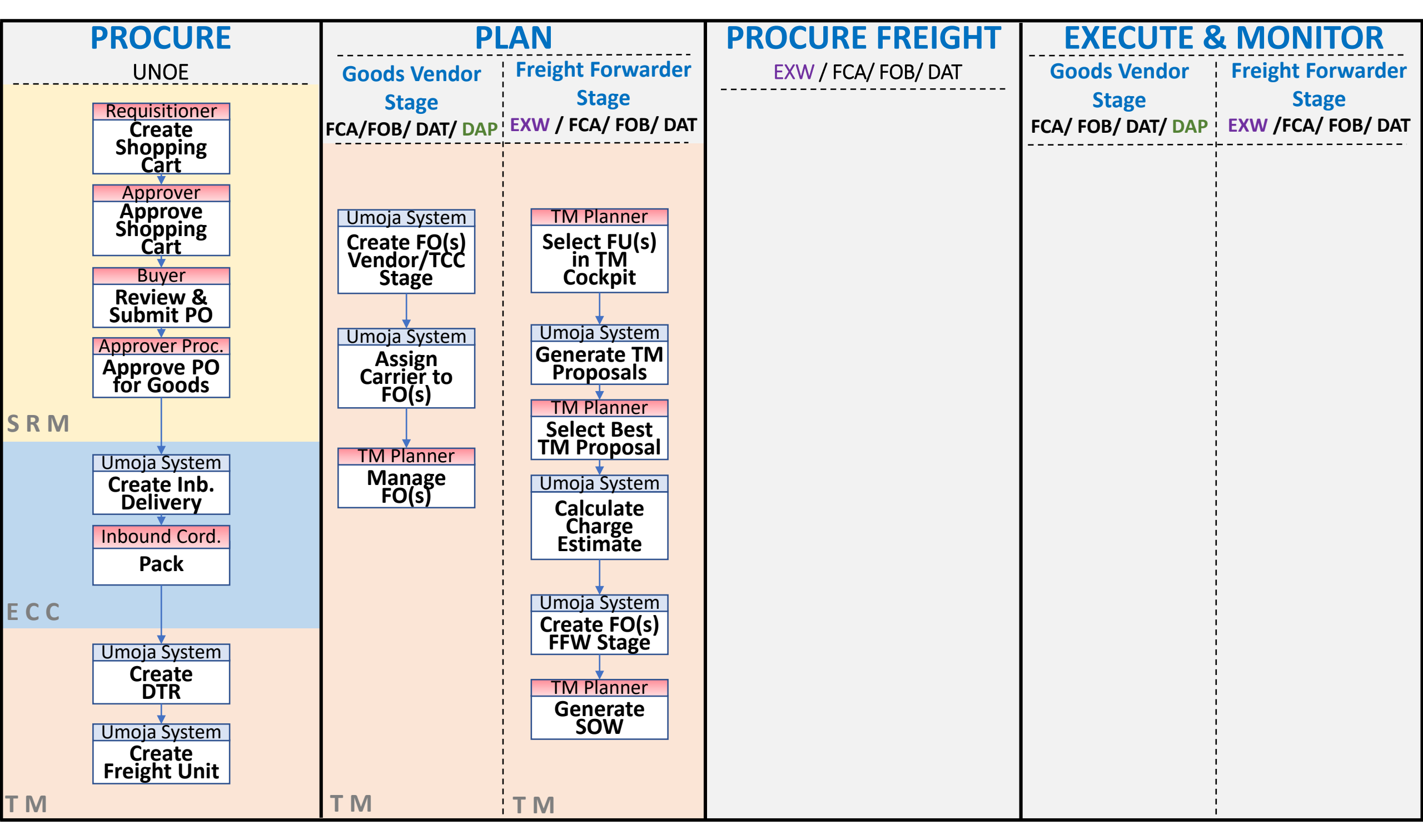
UNOE – PLAN PHASE – GOODS VENDOR STAGE

**Goods
Vendor**
FCA/FOB/ DAT/ **DAP**



- In a UNOE scenario, the Goods Vendor stage applies to **FCA/ FOB/ DAT & DAP** Incoterms. In this stage the Goods Vendor is responsible for delivering the items to the agreed location.
- Based on the **TM Transportation Network** (Master Data), the system selects the default route between the vendor location and the delivery location and creates as many **Freight Orders** as legs in the route.
- The system automatically assigns the Goods Vendor (e.g. *Toyota*) as **Carrier** to these newly created Freight Orders.
- These automatically created Freight Orders are in “**Ready for Execution**” status allowing the Goods Vendor to connect to the Carrier Collaboration Portal (**CCP**) to submit the events related to each FO (i.e. *leg*).
- Should the automatically created Freight Orders differ from the **vendor’s actual route**, the TM Planner can delete and re-create them to reflect the real route and to facilitate the insertion of events at a later stage.

TM



UNOE – PLAN PHASE – FREIGHT FORWARDER STAGE – 1/4

Freight FW Stage

EXW / FCA/ FOB/ DAT

TM Planner

Select FU(s)
in TM
Cockpit

- In a UNOE scenario, the Freight Forwarder stage applies to **EXW** & **FCA/ FOB/ DAT** Incoterms. In this stage the Freight Forwarder is responsible for delivering the items to the final destination.
- Freight Units appear in the **Transportation Cockpit** filtered by **Profile** (*EXW vs non-DAP/EXW*):.

Profile and Layout Sets (4)

Save New Copy Refresh Unplanned Requirements Refresh Job Status

Description	N...	Freight Unit Selection Profile	Transportation Unit Selection Profile
UNOE DAP 2		ZSEL_FU_UNOE_SUPPLIER_DELIVERED	ZSEL_FO_UNOE_SUPPLIER_DELIVERED
UNOE non-DAP/EXW Supplier Stage		ZSEL_FU_UNOE_SUPPLIER_DEL_STAGE	ZSEL_FO_UNOE_SUPPLIER_DELIVERED
UNOE EXW		ZSEL_FU_UNOE_EXW_FORWARDER_DELIVERED	ZSEL_FO_UNOE_FORWARDER_DELIVERED
UNOE non-DAP/EXW - FFW Stage		ZSEL_FU_UNOE_FORWARDER_DELIVERED	ZSEL_FO_UNOE_FORWARDER_DELIVERED

Goods Vendor Stage {

- DAP
- FCA, FOB, DAT

Freight FW Stage {

- EXW
- FCA, FOB, DAT

- Several Freight Units (FUs) with the same pick-up and destination locations can be **consolidated** to be transported together. There is a **time window** (*currently 7 days*) that allows multiple FUs to be consolidated.

Freight Unit Stages (10/12)

Split/Merge Stages Create Capacity Document Create Multiple Capacity Documents Remove Capacity Document

I..	Freight Unit	S...	P	Loading Location	Unloading Loc...	Earliest Requested Date...	Latest Requested Date...	E
	4100000361	40		MOMBASA_PORT	SPSSA2	07.01.2019	12.12.2018	1
	4100000353	20		DURBAN_PORT	SPSSA1	26.11.2018	03.12.2018	0
	4100000400	20		DURBAN_PORT	SPSSA1	04.03.2019	11.03.2019	0
	4100000401	20		DURBAN_PORT	SPSSA1	10.03.2019	17.03.2019	0
	4100000394	20		DURBAN_PORT	SPSSA1	10.03.2019	06.04.2019	0

Several FUs can be consolidated for transportation purposes

UNOE – PLAN PHASE – FREIGHT FORWARDER STAGE – 2/4

- The system displays a list of transportation proposals for the set of FUs selected based on the existing Transportation Network Master Data.
- Transportation Proposals are organized in the following way:

➤ **Transportation Proposal Number**

➤ **Freight Unit Number**

- Legs of Goods Vendor Stage (*pre, main, on*)
- Legs of Freight Forwarder Stage (*pre, main, on*)

** TM Planner will select the best proposal based on distance, duration, etc.*

Freight FW Stage

EXW / FCA/ FOB/ DAT

TM Planner

Select FU(s)
in TM
Cockpit

Umoja System

Generate TM
Proposals

TM Planner

Select Best
TM Proposal

Transportation Proposals												
Document Hierarchy	Selected	P	M	Means of Transport	Source Location	Destination Location	Loading St...	Unloading...	Distance	D...	Duration	Carrier
Transportation Proposal 11	<input type="checkbox"/>			UNOE_SEA	SU1110001300	SPSSA1	21.11.2018...	20.03.2019...		KM		1110001300
Freight Unit 4100000401	<input type="checkbox"/>			UNOE_SEA	SU1110001300	SPSSA1	21.11.2018...	20.03.2019...		KM	1,090:55	1110001300
Stage 00001	<input type="checkbox"/>	.		UNOE_TRK	SU1110001300	AMSTERDAM_PORT	21.11.2018...	29.11.2018...		KM	187:00	1110001300
Stage 00002	<input type="checkbox"/>	.		UNOE_SEA	AMSTERDAM_PORT	RICHARDS_PORT	29.11.2018...	27.12.2018...		KM	686:38	1110001300
Stage 00003	<input type="checkbox"/>	.		UNOE_TRK	RICHARDS_PORT	DURBAN_PORT	11.03.2019...	11.03.2019...		KM	1:55	1110001300
Stage 00004	<input type="checkbox"/>			UNOE_SEA	DURBAN_PORT	MOMBASA_PORT	11.03.2019...	19.03.2019...	3,012.552	KM	198:37	
Stage 00005	<input type="checkbox"/>			UNOE_TRK	MOMBASA_PORT	SPSSA1	19.03.2019...	20.03.2019...	1,336.961	KM	16:42	
Freight Unit 4100000400	<input type="checkbox"/>			UNOE_SEA	SU1110001300	SPSSA1	21.11.2018...	20.03.2019...		KM	1,090:55	1110001300
Stage 00001	<input type="checkbox"/>	.		UNOE_TRK	SU1110001300	AMSTERDAM_PORT	21.11.2018...	29.11.2018...		KM	187:00	1110001300
Stage 00002	<input type="checkbox"/>	.		UNOE_SEA	AMSTERDAM_PORT	RICHARDS_PORT	29.11.2018...	27.12.2018...		KM	686:38	1110001300
Stage 00003	<input type="checkbox"/>	.		UNOE_TRK	RICHARDS_PORT	DURBAN_PORT	11.03.2019...	11.03.2019...		KM	1:55	1110001300
Stage 00004	<input type="checkbox"/>			UNOE_SEA	DURBAN_PORT	MOMBASA_PORT	11.03.2019...	19.03.2019...	3,012.552	KM	198:37	
Stage 00005	<input type="checkbox"/>			UNOE_TRK	MOMBASA_PORT	SPSSA1	19.03.2019...	20.03.2019...	1,336.961	KM	16:42	
Transportation Proposal 12	<input type="checkbox"/>			UNOE_SEA	SU1110001300	SPSSA1	21.11.2018...	22.03.2019...		KM		1110001300
Freight Unit 4100000401	<input type="checkbox"/>			UNOE_SEA	SU1110001300	SPSSA1	21.11.2018...	20.03.2019...		KM	1,090:55	1110001300

UNOE – PLAN PHASE – FREIGHT FORWARDER STAGE (EXW-FCA) - 3/4

Freight FW Stage

EXW / FCA/ FOB/ DAT

TM Planner

Select FU(s) in
TM
Cockpit

Umoja System

Generate TM
Proposals

TM Planner

Select Best TM
Proposal

Umoja System

Calculate
Charge
Estimate

Umoja System

Create FO(s)
FFW Stage

- The system creates the new **Freight Orders** for the FFW stage based on the proposal selected (*one for each leg*).

Freight Orders/Freight Bookings (2)

Mode of Transport	Document	Status	Maxi...	Source Location	Destination Location	Departure Date	Dep...	D...	Planned Arrival D...	Plan...	A...	Gross Duration	Total Net Dur...	Net...	N...	Carrier	Fixin...	Dan...	Means of Tr...
	6100010624	●	0%	DURBAN_PORT	MOMBASA_PORT	11.03.2019	08:55:36	C...	19.03.2019	16:33:15	U...	198:37	150:37	9,600	KG	ZDUMMY_CAR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNOE_SEA
	6100010625	●	8%	MOMBASA_PORT	SPSSA1	19.03.2019	16:33:15	U...	20.03.2019	09:15:58	U...	16:42	16:42	9,600	KG	ZDUMMY_CAR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	UNOE_TRK

- The Carrier is defaulted to ZDUMMY_CAR until the freight is awarded and the real carrier is assigned.
- The system automatically calculates the estimated Charges based on the “Charges Master Data”.

Display UNOE Planned Frt Order (FF Deliv) 6100010624

Save Cancel Edit Refresh Copy Multiple Copies Check Follow Up Scheduling Subcontracting Create Service Order Schedule Set Status

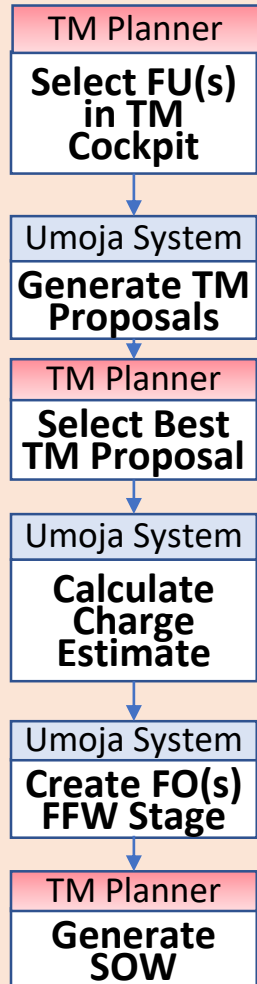
General Data Business Partner Items Stages Utilization Subcontracting Document Flow **Charges** Execution Notes At

Invoicing Status:	01	Not Invoiced	Calculation Date:	26.11.2018	17:02:14	CE
Charge Calc. Status:	02	Calculated	Manually-Changed Calc. Date:	<input type="checkbox"/>		
Total Amount in Local Currency:	9,854.70	USD	Exchange Rate Date:	26.11.2018		
Total Amount in Document Currency:	9,854.70	USD	Manually-Changed Exchange Rate Date:	<input type="checkbox"/>		
Rounded Total Amount in Document C...	9,854.70	USD				
Rounded Amount Difference in Docum...	0.00	USD				
Late Changes:	<input type="checkbox"/>					

UNOE – PLAN PHASE – FREIGHT FORWARDER STAGE (EXW-FCA) - 4/4

Freight FW Stage

EXW / FCA/ FOB/ DAT



- A “**Statement Of Work**” document (SOW) can be downloaded from each Freight Order. The SOW can be printed and **edited**. The SOW serves as an input for the Freight Procurement phase.
- The **SOW** includes all the Freight Orders related to the same Shipment.

Edit UNOE Planned Frt Order (FF Deliv) 6100010624

Save Cancel Edit Refresh Copy Multiple Copies Check Follow Up Scheduling Subcontracting Create Service Order Schedule Set Status Load

Terms and Conditions Output Management

Deselect All Generate Regenerate Execute Actions

Action Status	Processing Type	Document Number	Dead
Unprocessed			
UNOE SOW FORM	External Communication		

Communication Details Action Details Document Preview

1 / 6

ANNEX-B

Please enter ITB and number here:

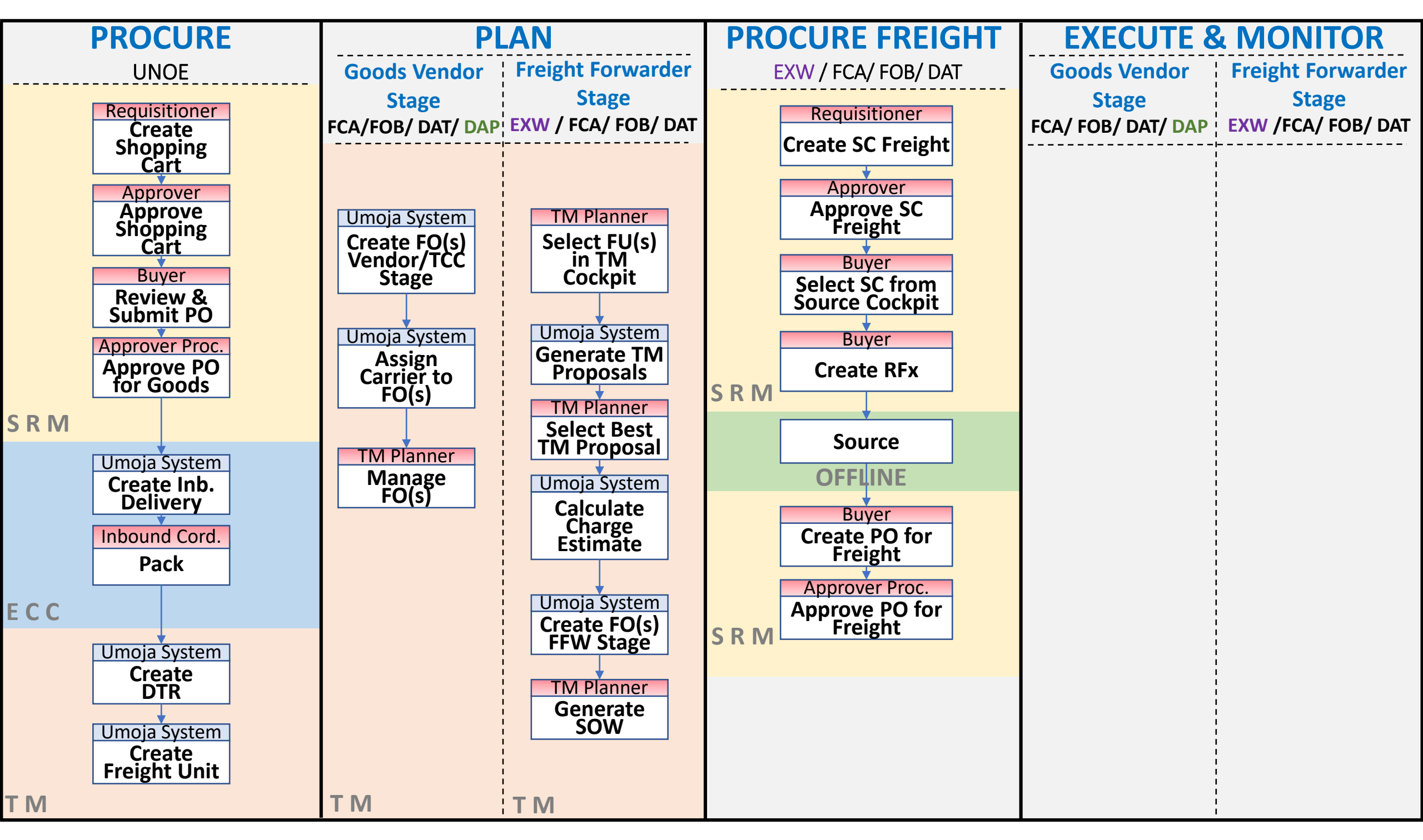
Goods Purchase Order: 2299000001

Inbound Delivery: 180075172, 180075173

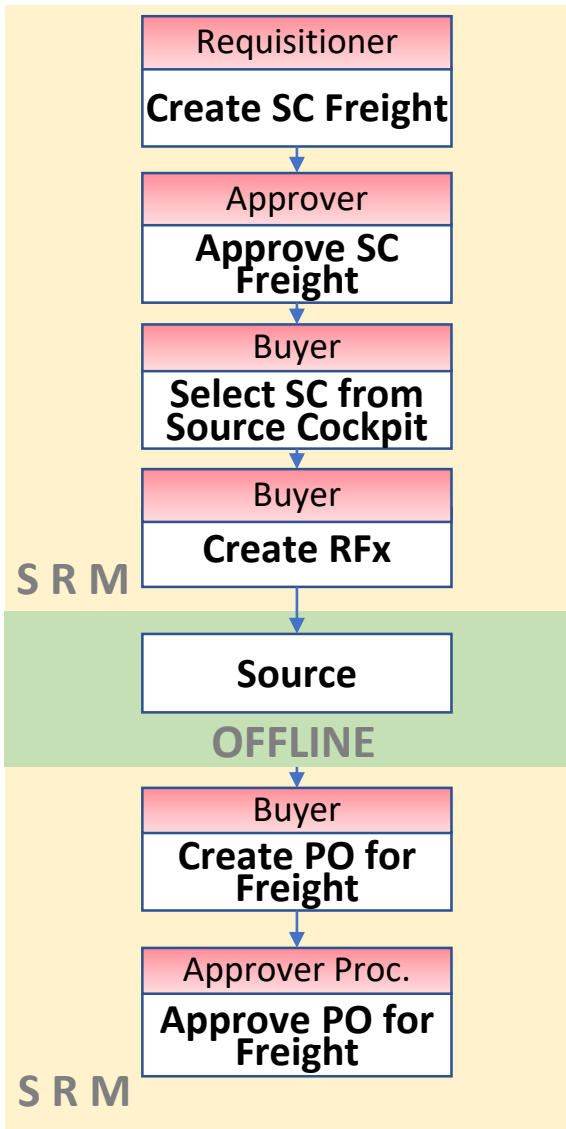
Freight Order: 6100010624, 6100010625

STATEMENT OF WORK

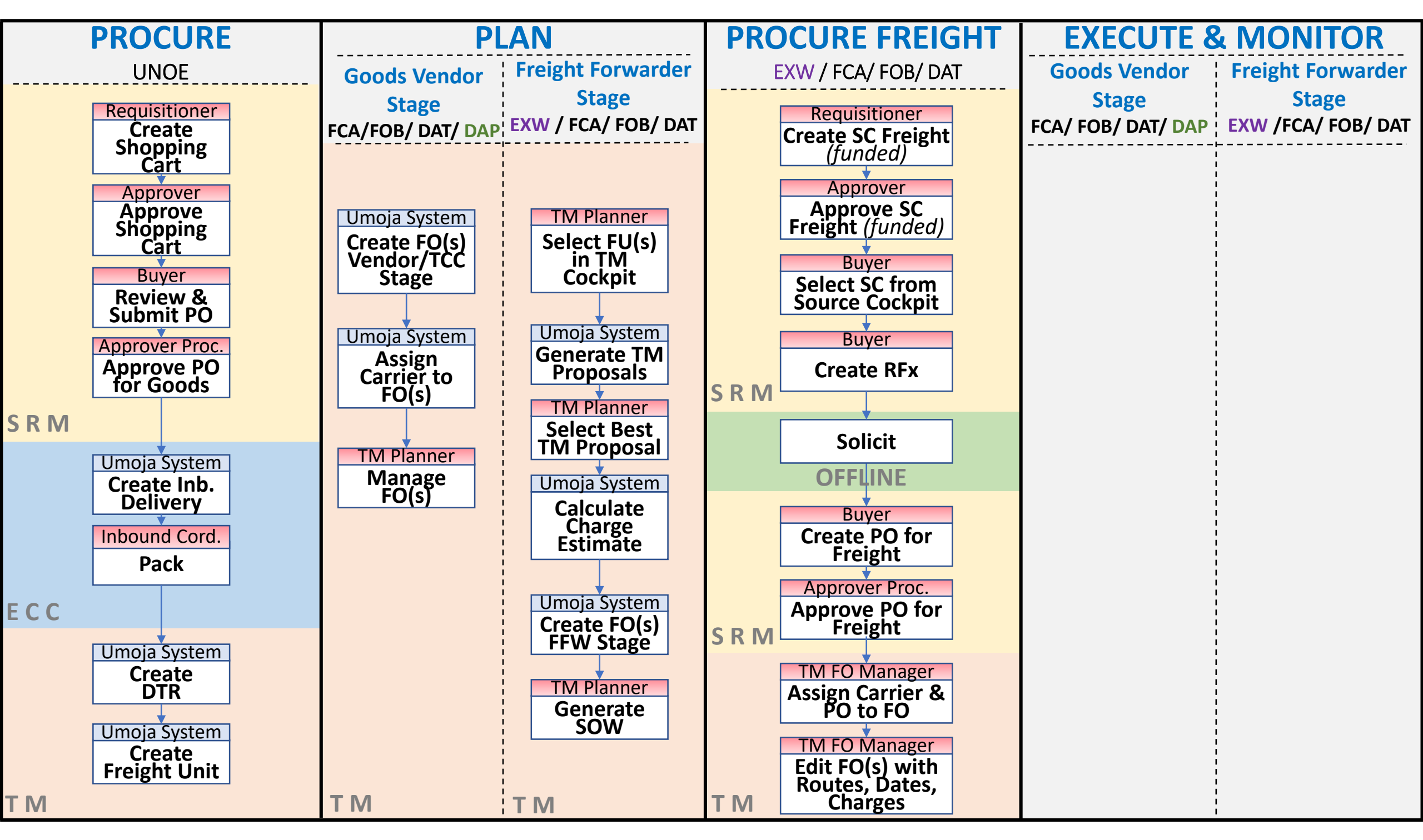
** Specific templates are available for UNOE, COE & Troops.*



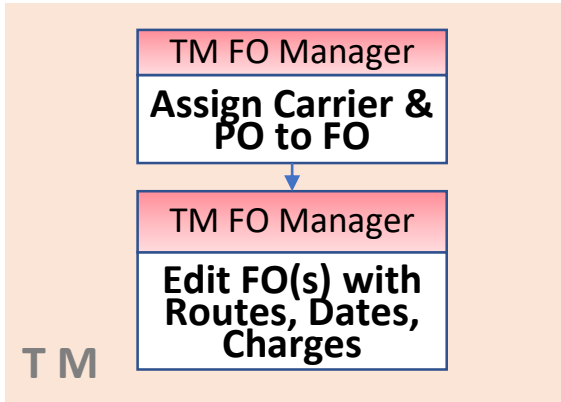
UNOE – PROCURE FREIGHT PHASE – 1/2



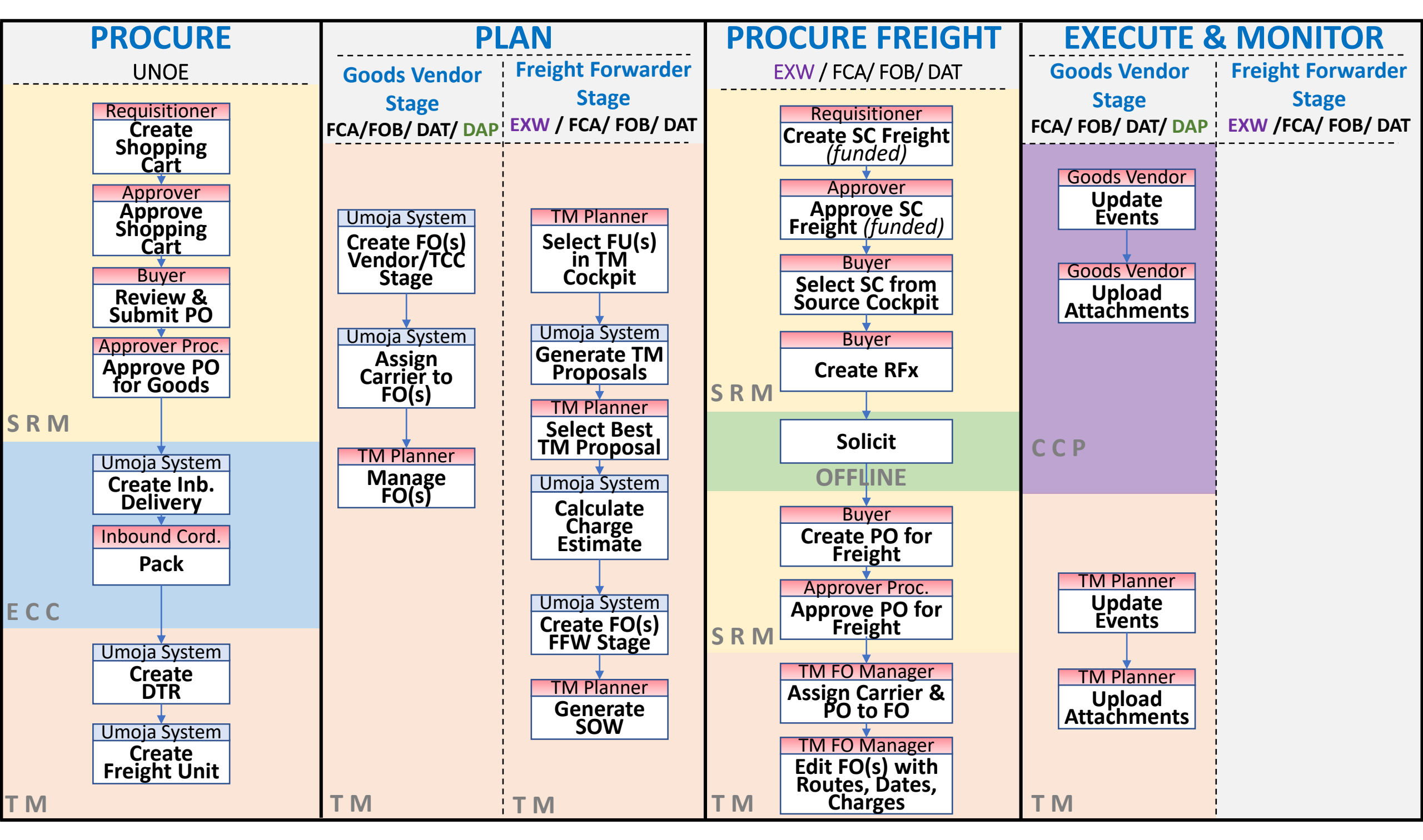
- The Freight Procurement steps in the system remain very similar as they currently are.
- Below some items to be considered with the TM implementation:
 - ✓ Freight Services are requested in a separate Shopping Cart (*no more \$1 line for freight in the goods shopping cart*).
 - ✓ The SOW to be attached in the Freight Shopping Cart can be downloaded directly from Umoja TM.
 - ✓ TM is now the single source of information for the transportation requirements.



UNOE – PROCURE FREIGHT PHASE – 2/2

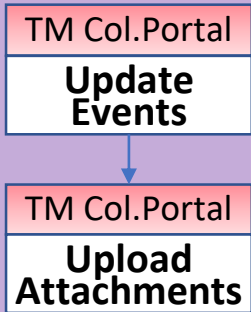


- Once the freight services have been awarded, the Freight Order in **TM** has to be updated with the **selected carrier** and the related **purchase order number**.
- Once the carrier is assigned in the FO, the FO execution status changes to “**Ready for Execution**” allowing the freight forwarders to submit the related events.
- Moreover the Freight Order needs to be updated with:
 - ✓ **Actual Route:** If the route selected by the carrier is different to the planned route, the FO has to be updated with the new route as it is used to report events.
 - ✓ **Actual Dates:** The planned dates need to be updated in the Freight Order based on the information provided by the Freight Forwarder .
 - ✓ **Actual Charges:** The Freight Order charges have to be updated with the actual ones appearing in the Freight Purchase Order. The system allows comparing the estimated charges and the actual charges for reporting purposes.

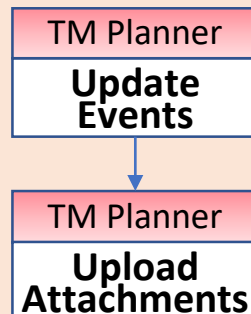


UNOE – EXECUTE & MONITOR PHASE - GOODS VENDOR STAGE

**Goods Vendor /
TCC Stage**
FCA/ FOB/ DAT/ DAP

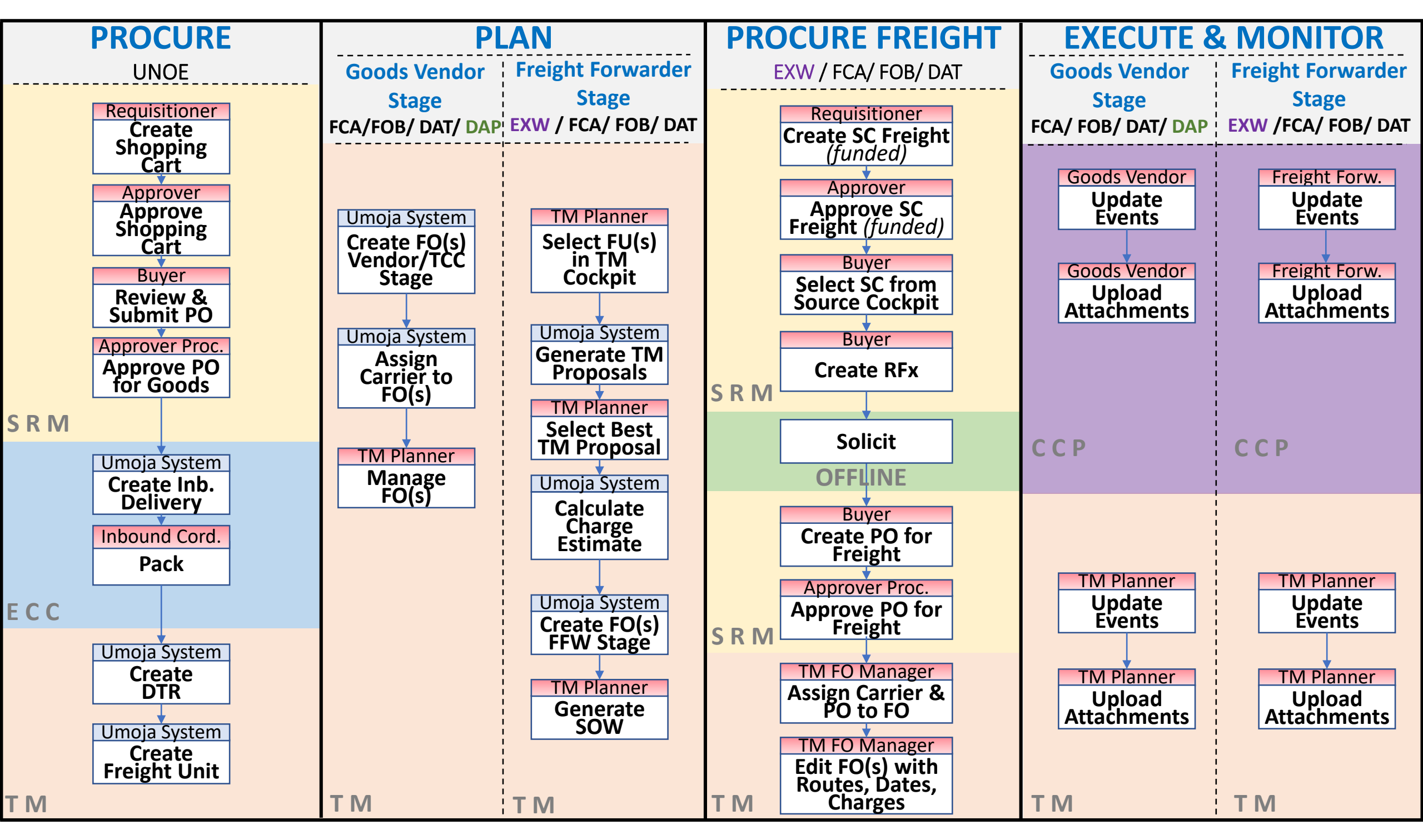


CCP



TM

- Goods Vendors will be provided with login credentials for the Umoja Carrier Collaboration Portal (CCP).
- In CCP, Goods Vendors will see the Freight Orders they are responsible for the transportation. They will be able to submit events and upload attachments:
 - ✓ Examples of **Events**:
 - ✓ **Planned**: Loading Start/End, Departure, Arrival, etc.
 - ✓ **Unexpected**: Delay, Damage, etc.
 - ✓ Examples of **Attachments**: Packing List, Bill of Lading, Proof of Delivery, etc.
- All Events/Attachments submitted via CCP are displayed in TM.
- In case the vendor cannot connect to CCP, Umoja role “**TS.01 TM Planner and TS.02 Manage Freight Orders**” can update the related events/attachments directly in the TM module. These Events/Attachments are also displayed in CCP
- Once the first event is submitted, the FO execution status changes to “**In Execution**”. No changes in the route are further allowed.
- Other Umoja follow on documents:
 - **DAP**: Physical Goods Receipt
 - **FCA**: Virtual Goods Receipt & Stock Transport Order



UNOE – EXECUTE & MONITOR PHASE – FREIGHT FORWARDER STAGE

Freight Forwarder Stage

EXW /FCA/ FOB/ DAT

TM Col.Portal
Update
Events

TM Col.Portal
Upload
Attachments

CCP

TM Planner
Update
Events

TM Planner
Upload
Attachments

TM

- Freight Forwarders will be provided with login credentials for the Umoja Carrier Collaboration Portal (CCP).
- In CCP, Freight Forwarders will see the Freight Orders they are responsible for the transportation. They will be able to submit events and upload attachments.
- All Events/Attachments submitted via CCP are displayed in TM.
- In case the vendor cannot connect to CCP, Umoja role “**TS.01 TM Planner and TS.02 Manage Freight Order**” can update the related events/attachments directly in the TM module. These Events/Attachments are also displayed in CCP
- Once the first event is submitted, the FO execution status changes to “**In Execution**”. No changes in the route are further allowed.
- Other Umoja related documents:
 - **Predecessor documents** : Virtual Goods Receipt & Stock Transport Order
 - **Follow-on documents** : Physical Goods Receipt

TRANSPORTATION MANAGEMENT ENTERPRISE ROLES

- **TS.01 TRANSPORTATION PLANNER & EXECUTION**

Main function is to create Freight Orders to execute a transportation plan. They can also submit events.

This enterprise role has three flavors: UNOE, COE & Troops.

- ✓ Query DTR (UNOE): display transportation requirements
- ✓ Create/ edit FO (UNOE): execute the transportation plan in the cockpit on the FU selected
- ✓ Submit events for FO: expected and unexpected
- ✓ Generate Statement of Work (SoW) for freight

- **TS.02 MANAGE FREIGHT ORDER**

Main function is to update Freight Order stages, dates, actual charges, carrier and Freight PO. They can also submit events.

- **TS.03 TM DISPLAY ALL**

- ✓ Display access is granted to all TM documents: DTR, FU, and FO and Events against the FO
- ✓ Monitors progress/ status of events of shipments through TM Cockpit

- **TS.04 TM MASTER DATA MAINTAINER**

Main function is to maintain the Transportation Network (Locations, Zones, Lanes, etc.) and Transportation Rates.

- ✓ Create, Change and Display Vendor in ECC
- ✓ Manages Core Interfaces Master data from ECC to TM (Business Partners, Vendors, materials, plants, shipping points, etc)
- ✓ Maintains TM Master Data (Locations, Transshipment Points, Handover Locations, Lanes, Zone, Network, Org. Structure, Default Routes)
- ✓ Maintains SRM shipping addresses

TRANSPORTATION MANAGEMENT ENTERPRISE ROLES

- **TS.05 COLLABORATION PORTAL**

Access the Carrier Collaboration Portal to submit related Events & Attachments.

- ✓ Vendors and Freight Forwarders: View awarded FO and submit events in CCP, including attachments/ notes.

- **TS. 06 TMEM Production Support**

Assigned to Tier 1, Tier 2A, Tier 2B and Tier 3 (Umoja Support Desk, Umoja Service Center, Umoja Global Support)

- **TS.07 TM STO Transportation Planner**

[similarly to TS.01],

- ✓ Creates Outbound Delivery after the STO is posted in TM by RD. 06: Logistic Users
- ✓ For non DAP and ExW, liaise with receiving plant TM planner to advise which FO to use for planning from handover location to final destination.

- **TS.08 TM STO Freight Procurement**

[similarly to TS.02]

- **TS. 09 TM STO Display all**

[similarly to TS.03]

TRANSPORTATION MANAGEMENT ENTERPRISE ROLES

- **BI.84_BI: SC_TMEM_Basic User**

TM & EM view access to summarized and formatted reports.

- ✓ Run, print, schedule, distribute formatted reports as published by Power Users in public folders or shared by Analytic Users

- **BI.85_BI: SC_TMEM_Analytic User**

Access to comprehensive analysis areas which can be challenging to use and misinterpreted.

- ✓ Create customized reports in Analysis Areas
- ✓ Share their prepared reports with others by BI inbox.

- **BI.86_BI: SC_TMEM_Power User**

Create customized reports in Analysis Areas reports.

- ✓ Publish reports: save a report in the public folder that is accessible to all BI users of the module.

TM RELATED ACRONYMS

ACRONYM	FULL FORM	ACRONYM	FULL FORM
SRM	Supplier Relationship Management	DTR	Delivery-based Transportation Requirement
ECC	ERP Central Component	FWO	Forwarding Order
TM	Transportation Management	LOA	Letter of Assist
CCP	Carrier Collaboration Portal	FU	Freight Unit
IBD	Inbound Delivery	PO	Purchase Order
SC	Shopping Cart	SOW	Statement of Work

THANK YOU!

Questions?



DEPARTMENT OF
**OPERATIONAL
SUPPORT**

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM