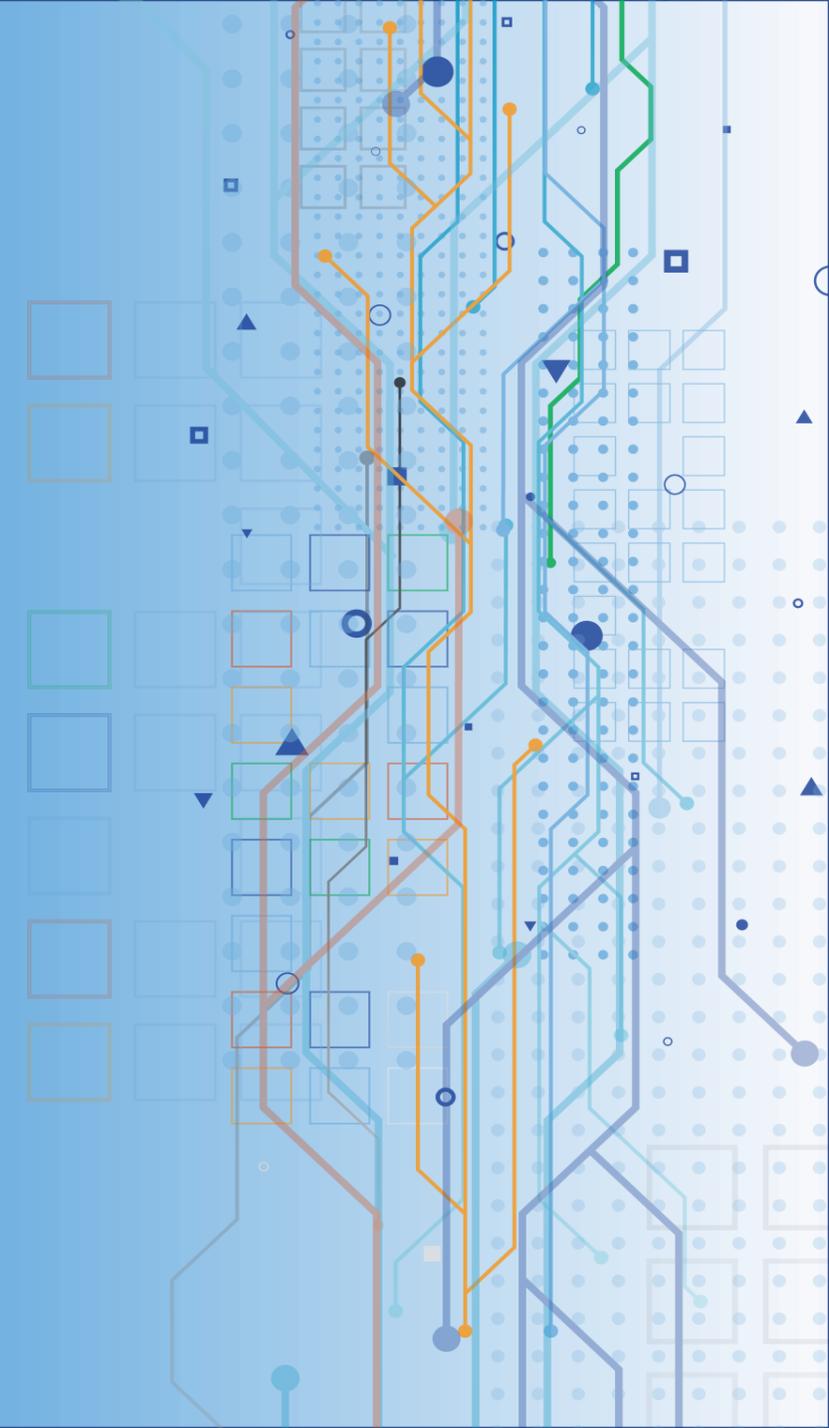




COE TRANSPORTATION MANAGEMENT END TO END PROCES

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

December 2018



LOAD LIST

COE

Update Excel
Load List

OFFLINE

PLAN

TCC Stage
LOA

Freight Forwarder
Stage
NON-LOA

PROCURE FREIGHT

NON-LOA

EXECUTE & MONITOR

TCC Stage
LOA

Freight Forwarder
Stage
NON-LOA

COE – LOAD LIST PHASE – UPDATE EXCEL LOAD LIST 1/7



Update Excel
Load List

OFFLINE

MOVCON

MOU
Process

The following output from the “**Memorandum of Understanding**” (MOU) between the Contingency and the United Nations will be used to initiate the Transportation processes:

a) Cargo Load List

It is important to point out that TM is not a “Travel Management system”, therefore only the information relevant for transportation purposes will be uploaded to TM.

The contents of the [Cargo Load List](#) are summarized in the [Excel Load List](#). Some data should be cross-referenced in TM.

Main differences between UNOE & COE:

- ✓ **ECC Integration:** There is **no integration with ECC**
- ✓ **Prepare Load List:** Load List (Break Bulk, Containers, Rolling Stocks, Trailers, Vehicles, as well as Dangerous Goods), Item Details (Weight, Volume, Quantity, etc) Delivery Locations (Source, Destination, Time, Date), Incoterms (DAP for LOA, EXW for NON-LOA), Forwarding Group (1,2,3,4... one digit for each different delivery date)
- ✓ **Upload Load list:** Upload Load List in TM to generate FWO (Forwarding Order), **No DTR**
- ✓ **FOW:** TM generates as many FOWs as Forwarding Groups added to the Load List

COE – LOAD LIST PHASE – UPDATE EXCEL LOAD LIST 4/7



Update Excel
Load List

OFFLINE

Manually update fields in the [Excel Load List](#) (summary of Cargo Load List):

The **Product**, **Item Type**, and **Item Category** fields are defaulted, however can be edited as necessary

- **Load List:** This line remains as is and should be added before Product categories that belong to a new FWO(s)
- **Product:** Main categories from Cargo Load List. Add DG to define Dangerous Goods
- **Item Type:** It is a technical description of the Product. (e.g CONTAINER = ZCON)
- **Item Category:** PRD for product

Product	Item Type	Item Category	Product	Item_Type	Item Category
Load List	ZLOL	PKG (<i>package</i>)	LoadList	ZLOL	PKG
• BREAKBULK	ZBRB		BREAKBULK	ZBRB	PRD
• CONTAINER	ZCON		CONTAINER	ZCON	PRD
• ROLLINGSTOCK	ZROS		ROLLINGSTOCK	ZROS	PRD
• TRAILER	ZTRL	PRD (<i>product</i>)	TRAILER	ZTRL	PRD
• VEHICLE	ZVEH		VEHICLE	ZVEH	PRD
• DGBREAKBULK	ZBRB				
• DGCONTAINER	ZCON				

COE – LOAD LIST PHASE – UPDATE EXCEL LOAD LIST 5/7



Update Excel
Load List

OFFLINE

Manually update fields in the [Excel Load List](#) (summary of Cargo Load List):

- Weight & Weight UoM / Volume & Volume UoM / Quantity & Quantity UoM
This example refers to a requirement for 102 Vehicles to be transported.

Product	Item_Type	Item Category	Weight	Weight UoM	Volume	Volume UoM	Quantity	Quantity UoM
LoadList	ZLOL	PKG						
DGBREAKBULK	ZBRB	PRD	22000	KG	1000	M3	12	EA
DGCONTAINER	ZCON	PRD	6700	KG	4000	M3	6	EA
DGROLLINGSTOCK	ZROS	PRD	6592	KG	8000	M3	10	EA
DGTRAILER	ZTRL	PRD	2202	KG	9000	M3	7	EA
DGVEHICLE	ZVEH	PRD	29852	KG	120	M3	22	EA
BREAKBULK	ZBRB	PRD	2858	KG	45	M3	12	EA
CONTAINER	ZCON	PRD	297	KG	67	M3	8	EA
ROLLINGSTOCK	ZROS	PRD	98539	KG	325	M3	8	EA
TRAILER	ZTRL	PRD	9830	KG	249	M3	15	EA
VEHICLE	ZVEH	PRD	1380	KG	9000	M3	2	EA

COE – LOAD LIST PHASE – UPDATE EXCEL LOAD LIST 7/7



Update Excel
Load List

OFFLINE

Manually update fields in the [Excel Load List](#) (summary of Cargo Load List):

- ✓ **Goods Value & Goods Value Currency:** Goods Value for each item.
- ✓ **Sales Group:** Use “SG_S02” for the COE process.
- ✓ **Incoterm:** The system uses standard incoterms. Please indicate:
 - DAP for a LOA scenario
 - EXW for a Non-LOA scenario
- ✓ **Member Country [Shipper]:** Business Partner related to the Contingency. (Cross reference data in TM)
- ✓ **Receiving Plant [Consignee]:** Plant of the mission receiving the equipment. (Cross reference data in TM)

Goods Value	Goods Value Currency	Sales Group	IncoTerm	Member Country [Shipper]	Receiving Plant [Consignee]
		SG_S02	DAP	1111000114	SS10
34700	USD	SG_S02	DAP	1111000114	SS10
23830	USD	SG_S02	DAP	1111000114	SS10
34800	USD	SG_S02	DAP	1111000114	SS10
3480	USD	SG_S02	DAP	1111000114	SS10
7890	USD	SG_S02	DAP	1111000114	SS10
34700	USD	SG_S02	EXW	1111000114	SS10
23830	USD	SG_S02	EXW	1111000114	SS10
34800	USD	SG_S02	EXW	1111000114	SS10
3480	USD	SG_S02	EXW	1111000114	SS10
7890	USD	SG_S02	EXW	1111000114	SS10

LOAD LIST

COE

Update Excel
Load List

OFFLINE

TM Planner
Upload
Load List

Umoja System
Create
FWO(s)

Umoja System
Create
Freight
Unit(s)

PLAN

TCC Stage
LOA

Freight Forwarder
Stage
NON-LOA

PROCURE FREIGHT

NON-LOA

EXECUTE & MONITOR

TCC Stage
LOA

Freight Forwarder
Stage
NON-LOA

COE – LOAD LIST PHASE – UPLOAD EXCEL LOAD LIST 1/2



Upload Excel Load List to Umoja

TS.01 TM Planner

**Upload Excel
Load List**

T M

A Forwarding Order (FWO) will be created in Umoja TM by uploading the **Excel Load List** completed in the previous step.

Umoja System

**Create
FWO(s)**

T M

The upload can be done in Umoja TM backend (*similar to ECC*) by the TM Planner role using the **ZTMFWOUPLOAD** T-Code.

Mass upload of Forwarding Orders



Mass upload of Forwarding Orders



FWO Type	Source Loc	Destination	Pick Up Date	Pick Up Time	Delivery D	Delivery T	Req.Delive	Req.Delive	Product	Item type	Weight	Weight UOM	Volumn	Volumn UOM	Qty	Qty UOM	Goods Valu	Goods Valu	Member Cou	Receiving	FWO_GRP	Validation	FWO Number	Status	Message
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	LoadList	ZLOL									1111000114	SS10	1	OO	2100000178	OO	
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	DGBREAKBULK	ZBRB	22000	KG	1000	M3	12	EA	34700	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	DGCONTAINER	ZCON	6700	KG	4000	M3	6	EA	23830	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	DGROLLINGSTOCK	ZROS	6592	KG	8000	M3	10	EA	34800	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	DGTRAILER	ZTRL	2202	KG	9000	M3	7	EA	3480	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	DGVEHICLE	ZVEH	29852	KG	120	M3	22	EA	7890	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	BREAKBULK	ZBRB	2858	KG	45	M3	12	EA	12110	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	CONTAINER	ZCON	297	KG	67	M3	8	EA	25000	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	ROLLINGSTOCK	ZROS	98539	KG	325	M3	8	EA	25800	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	TRAILER	ZTRL	9830	KG	249	M3	15	EA	89200	USD	1111000114	SS10	1	OO			
ZFW1	SUJO-00001	SPSSA1	12/01/2018	09:45:00			11/03/2019	04:30:00	VEHICLE	ZVEH	1380	KG	9000	M3	2	EA	212121	USD	1111000114	SS10	1	OO			



Create FWO(s) & FU(s) Umoja System

Umoja System
**Create
FWO(s)**
T M

The system automatically creates a Freight Unit (FU) for each Forwarding Order (FWO) in TM

Umoja System
**Create
Freight Unit(s)**
T M

Both the FWO and FU can be displayed in the TM Portal (*SAP Netweaver Business Client*)

Display Forwarding Order for COE 210000186

Save Cancel Edit Copy Other Copy Options Refresh Follow Up Check Confirm Cancel Document Customs HBL Forwarding Quotation Charges/Settlement

General Data Business Partner Locations and Dates/Times Actual Route Ordered Route **Document Flow** Charges Notes Attachments Inter

Display

Document Hierarchy	Business Document Type (Description)	Business Document	Business Document Life...	Created By	Business Document Description
Forwarding Order for COE 210000186	Forwarding Order for COE	210000186	Planned	01PLCOEPS02	Forwarding Order for COE 210000186
Successor Business Documents					
COE LOA Frt Unit 4100000422	COE LOA Frt Unit	4100000422	In Process	01PLCOEPS02	COE LOA Frt Unit 4100000422

Forwarding Order

Freight Unit

LOAD LIST

COE

Update Excel Load List

OFFLINE

TM Planner Upload Load List

Umoja System Create FWO(s)

Umoja System Create Freight Unit(s)

PLAN

TCC Stage LOA

Freight Forwarder Stage NON-LOA

Umoja System Create FO(s) Vendor/TCC Stage

Umoja System Assign Carrier to FO(s)

TM Planner Manage FO(s)

PROCURE FREIGHT

NON-LOA

EXECUTE & MONITOR

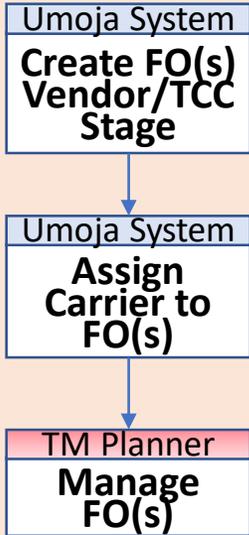
TCC Stage LOA

Freight Forwarder Stage NON-LOA

COE – PLAN PHASE – TCC STAGE (LOA)



TCC
LOA



- In a COE scenario, the TCC stage applies to **DAP** Incoterms. **The system automatically creates the Freight Order** used to report all the events related to the transportation that is completely managed by the TCC.
- 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 Business Partner details of the TCC as **Carrier** to these newly created Freight Orders in the carrier field of the Freight Order.
- These automatically created Freight Orders are in “**Ready for Execution**” status. The TM Planner connects to TM to submit the events related to each FO (*i.e. leg*).
- Should the automatically created Freight Orders differ from the **Business Partner’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.

Freight Order
COE - LOA

Display Forwarding Order for COE 2100000186

Save Cancel Edit Copy Other Copy Options Refresh Follow Up Check Confirm Cancel Document Customs HBL Forwarding Quotation

General Data	Business Partner	Locations and Dates/Times	Actual Route	Ordered Route	Document Flow	Charges
Document Hierarchy		Business Document Type (Description)	Business Document	Business Document Life...	Created By	
▼ Forwarding Order for COE 2100000186		Forwarding Order for COE	2100000186	Planned	01PLCOEPS02	
▼ Successor Business Documents						
▼ ○○ COE LOA Frt Unit 4100000422		COE LOA Frt Unit	4100000422	In Process	01PLCOEPS02	
○○ COE Member Planned Frt Order (LOA) 6100010383		COE Member Planned Frt Order (LOA)	6100010383	In Process	BTCUSRQ5T100	

LOAD LIST

COE

Update Excel Load List

OFFLINE

TM Planner Upload Load List

Umoja System Create FWO(s)

Umoja System Create Freight Unit(s)

PLAN

TCC Stage LOA

Freight Forwarder Stage NON-LOA

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

TM Planner Generate SOW

PROCURE FREIGHT

NON-LOA

EXECUTE & MONITOR

TCC Stage LOA

Freight Forwarder Stage NON-LOA

COE – PLAN PHASE – FREIGHT FORWARDER STAGE (NON_LOA) – 1/4



Freight FW Stage
NON-LOA

- In a COE scenario, the Freight Forwarder stage applies to **EXW** 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 DAP*):

Transportation Cockpit: Profile and Layout Sets

Continue Start Planning as Background Job Switch Start Screen

Profile and Layout Sets (2)

Save New Copy Refresh Unplanned Requirements Refresh Job Status

Description	Note	Freight Unit Selection Profile	Transportation... Selection Profile
COE LOA/DAP		ZSEL_FU_COE_MEM_CTRY_DLVD_LOA	
COE non LOA/EXW		ZSEL_FU_COE_NON-LOA	

TCC Stage { • DAP

Freight FW Stage { • EXW

- 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:	
	4100000304	20	DURBAN_PORT	SPSSA1	10.03.2019	06.04.2019	0:	

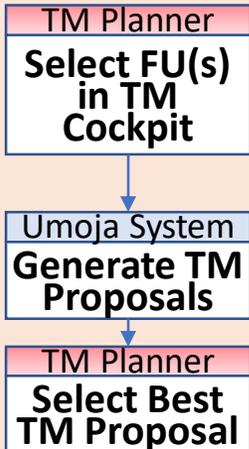
Several FUs can be consolidated for transportation purposes



Freight FW Stage NON-LOA

- 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.*



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 410000401	<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 410000400	<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 410000401	<input type="checkbox"/>	✓	🚚	UNOE_SEA	SU1110001300	SPSSA1	21.11.2018...	20.03.2019...		KM	1,090:55	1110001300

COE – PLAN PHASE – FREIGHT FORWARDER STAGE (NON_LOA) – 3/4



Freight FW Stage NON-LOA

- 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 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 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 COE UN Planned Frt Order (non-LOA) 6100010412

Save Cancel Edit Refresh Copy Multiple Copies Check Follow Up Scheduling Subcontracting Create Service Order Schedule Set Status Load Plan Status Execution Status Fixing Customs Charges/Settlement Cancel Document

Stages Items General Data Business Partner Utilization Subcontracting Document Flow **Charges** Execution Notes Attachments Statuses Blocking Information Administrative Data

Invoicing Status:	01	Not Invoiced	Calculation Date:	27.11.2018	18:03:00	CET
Charge Calc. Status:	02	Calculated	Manually-Changed Calc. Date:	<input type="checkbox"/>		
Total Amount in Local Currency:	<input type="text"/>	0.00	USD	Exchange Rate Date:	27.11.2018	
Total Amount in Document Currency:	<input type="text"/>	0.00	USD	Manually-Changed Exchange Rate Date:	<input type="checkbox"/>	
Rounded Total Amount in Document Currency:	<input type="text"/>	0.00	USD			
Rounded Amount Difference in Document Currency:	<input type="text"/>	0.00	USD			
Late Changes:	<input type="checkbox"/>					

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

COE – PLAN PHASE – FREIGHT FORWARDER STAGE (NON_LOA) – 4/4



Freight FW Stage NON-LOA

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

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

TM Planner
Generate
SOW

Display COE UN Planned Frt Order (non-LOA) 6100010410

Save Cancel Edit Refresh Copy Multiple Copies Check Follow Up Scheduling Subcontracting Create Service Order Schedule Set Status Load Plan Status Execution Status Fixing Customs Charges/Settlement Cancel Document

Terms and Conditions Output Management

Action Status	Processing Type	Document Number	Deactivate	Partner Dependent	Language	Print	Fax	E-mail	Printer	No. of Print C...	Fax Number
Unprocessed	COE Sea SOW FORM	External Communication			EN	✓			LOCL	001	

Communication Details Action Details Document Preview

ANNEX-B
RFP: <Please Enter RFP/ITB number here>

Forwarding Order # 2100000153, 2100000154, 2100000156, 2100000157, 2100000185

Freight Order # 6100009188, 6100009189, 6100009190, 6100009229, 6100009230, 6100009231, 6100009241, 6100009242,

**STATEMENT OF REQUIREMENTS, STANDARD SHIPPING TERMS
AND EVALUATION CRITERIA**

A. **STATEMENT OF WORK/SPECIFICATIONS**

1. SCOPE OF WORK

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

LOAD LIST

COE

Update Excel Load List

OFFLINE

TM Planner Upload Load List

Umoja System Create FWO(s)

Umoja System Create Freight Unit(s)

PLAN

TCC Stage LOA

Freight Forwarder Stage NON-LOA

Umoja System Create FO(s) Vendor/TCC Stage

Umoja System Assign Carrier to FO(s)

TM Planner Manage FO(s)

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

TM Planner Generate SOW

PROCURE FREIGHT

NON-LOA

Requisitioner Create SC Freight (funded)

Approver Approve SC Freight (funded)

Buyer Select SC from Source Cockpit

Buyer Create RFX

Solicit

OFFLINE

Buyer Create PO for Freight

Approver Proc. Approve PO for Freight

EXECUTE & MONITOR

TCC Stage LOA

Freight Forwarder Stage NON-LOA

TM

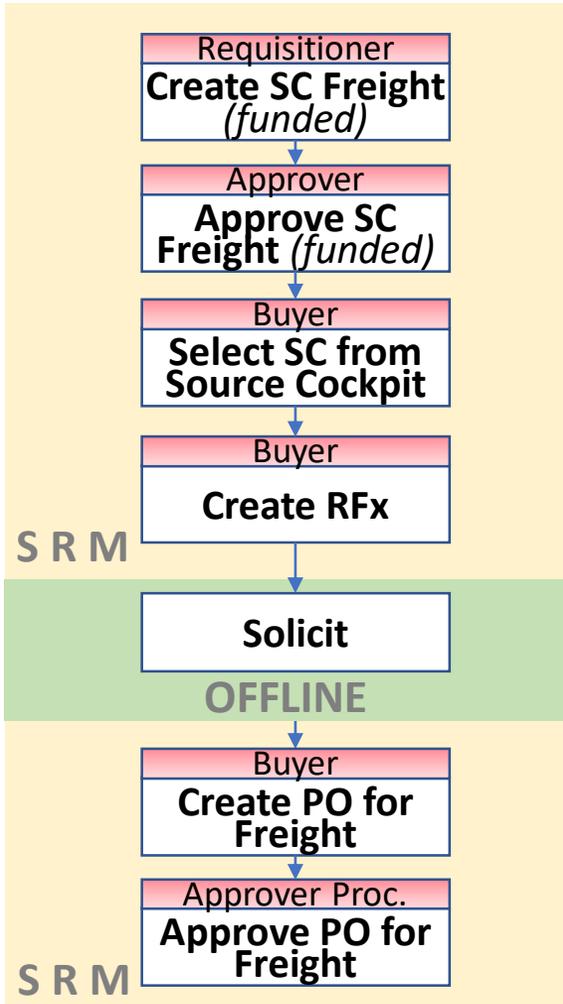
TM

TM

S R M

S R M

COE – PROCURE FREIGHT PHASE (NON_LOA) – 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 all the transportation requirements.

LOAD LIST

COE

Update Excel Load List

OFFLINE

TM Planner Upload Load List

Umoja System Create FWO(s)

Umoja System Create Freight Unit(s)

PLAN

TCC Stage LOA

Freight Forwarder Stage NON-LOA

Umoja System Create FO(s) Vendor/TCC Stage

Umoja System Assign Carrier to FO(s)

TM Planner Manage FO(s)

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

TM Planner Generate SOW

PROCURE FREIGHT

NON-LOA

Requisitioner Create SC Freight (funded)

Approver Approve SC Freight (funded)

Buyer Select SC from Source Cockpit

Buyer Create RFx

Solicit

Buyer Create PO for Freight

Approver Proc. Approve PO for Freight

TM FO Manager Assign Carrier & PO to FO

TM FO Manager Edit FO(s) with Routes, Dates, Charges

EXECUTE & MONITOR

TCC Stage LOA

Freight Forwarder Stage NON-LOA

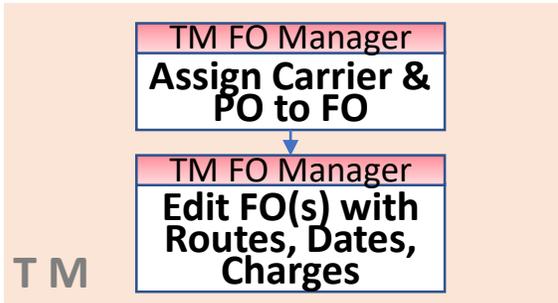
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COE – PROCURE FREIGHT PHASE (NON_LOA) – 2/2



- 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.

LOAD LIST

COE

Update Excel Load List

OFFLINE

TM Planner Upload Load List

Umoja System Create FWO(s)

Umoja System Create Freight Unit(s)

PLAN

TCC Stage LOA

Freight Forwarder Stage NON-LOA

Umoja System Create FO(s) Vendor/TCC Stage

Umoja System Assign Carrier to FO(s)

TM Planner Manage FO(s)

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

TM Planner Generate SOW

PROCURE FREIGHT

NON-LOA

Requisitioner Create SC Freight (funded)

Approver Approve SC Freight (funded)

Buyer Select SC from Source Cockpit

Buyer Create RFx

Solicit

Buyer Create PO for Freight

Approver Proc. Approve PO for Freight

TM FO Manager Assign Carrier & PO to FO

TM FO Manager Edit FO(s) with Routes, Dates, Charges

EXECUTE & MONITOR

TCC Stage LOA

Freight Forwarder Stage NON-LOA

TM Planner Update Events

TM Planner Upload Attachments

T M

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T M

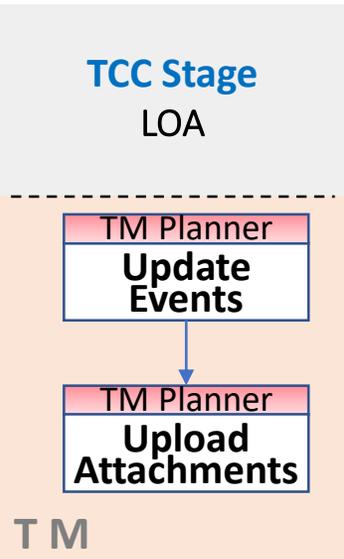
T M

S R M

S R M



COE – EXECUTE & MONITOR PHASE – TCC STAGE (LOA)



- In a LOA scenario, the transportation is completely managed by the TCC. However as TCC will not have access to the Carrier Collaboration Portal (CPP), all the transportation events will be submitted by the TM Planners on their behalf.
- The Umoja role “**TS.01 TM Planner**” will 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.

Edit COE Member Planned Frt Order (LOA) 6100010383

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

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

Report Event Insert Event

Statuses	Event	Planned Date	Actual Event Date	Actual Event Time	Time Zone	Location	Description
△	Loading Begin	01.12.2018 00:00:00 U...		00:00:00	UTC+3	SUPK-00001 -- Pakist...	Pakistani Army
△	Loading End	01.12.2018 00:00:00 U...		00:00:00	UTC+3	SUPK-00001 -- Pakist...	Pakistani Army
△	Departure	01.12.2018 00:00:00 U...		00:00:00	UTC+3	SUPK-00001 -- Pakist...	Pakistani Army
△	Arrival at Destination	01.12.2018 00:03:39 U...		00:00:00	UTC+3	ISLAMABAD_AIRPO...	Benazir Bhutto International Airport
△	Unloading Begin	01.12.2018 00:03:39 U...		00:00:00	UTC+3	ISLAMABAD_AIRPO...	Benazir Bhutto International Airport
△	Unloading End	01.12.2018 00:03:39 U...		00:00:00	UTC+3	ISLAMABAD_AIRPO...	Benazir Bhutto International Airport

- Report Event – Expected Events
- Insert Event – Unexpected Events

LOAD LIST

COE

Update Excel Load List

OFFLINE

TM Planner Upload Load List

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PROCURE FREIGHT

NON-LOA

Requisitioner Create SC Freight (funded)

Approver Approve SC Freight (funded)

Buyer Select SC from Source Cockpit

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Solicit

OFFLINE

Buyer Create PO for Freight

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TM FO Manager Assign Carrier & PO to FO

TM FO Manager Edit FO(s) with Routes, Dates, Charges

EXECUTE & MONITOR

TCC Stage LOA

Freight Forwarder Stage NON-LOA

TM Planner Update Events

TM Planner Upload Attachments

Freight Forw. Update Events

Freight Forw. Upload Attachments

CCP

TM Planner Update Events

TM Planner Upload Attachments

TM

TM

TM

TM

TM

TM

SRM

SRM

COE – EXECUTE & MONITOR PHASE – FREIGHT FORWARDER STAGE (NON_LOA)



Freight Forwarder Stage NON-LOA

TM Col.Portal
Update Events

TM Col.Portal
Upload Attachments

CCP

TM Planner
Update Events

TM Planner
Upload Attachments

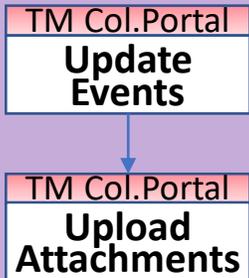
TM

- 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**” 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 (EXW)**: Virtual Goods Receipt & Stock Transport Order
 - **Follow-on documents (EXW)**: Physical Goods Receipt

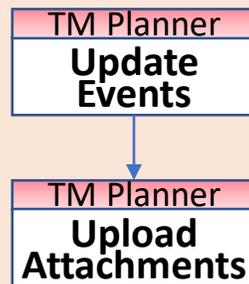


COE – EXECUTE & MONITOR PHASE – AUTOMATIC EMAIL NOTIFICATIONS

EXECUTE & MONITOR



CCP



TM

Email notifications are sent automatically when some **specific events** are **reported** or **overdue**:

- **Unexpected Events:**

- ✓ An email notification to the TM Planner, Requisitioner and R&I is sent when any of this type of events is reported (*delay, damage, loss, etc.*).
- ✓ Procurement Division will also be notified in case the unexpected event is either “Cost Change” or “Route Change”

- **Planned Events:**

- ✓ **“Handover document”** event:
 - When the event is reported an email is sent to the R&I contact in the destination Plant
 - If the event is overdue more than **48 hours** (*from the planned date*) an email is sent to MovCon.
- ✓ **“Documentation Sent”** event (*only for “main carriage” leg*):
 - When the event is reported an email is sent to the R&I contact in the destination Plant
 - If the event is overdue more than **10 days** (*from the planned date*) an email is sent to MovCon.
- ✓ **“Documentation Complete”** & **“Custom Clearance”** events (*only for “main carriage” leg*):
 - If the event is overdue more than **10 days** (*from the planned date*) an email is sent to MovCon.



- **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.

- **TS.02 FREIGHT ORDER MANAGEMENT**

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, FWO, FU, and FO.

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

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

- **TS.05 COLLABORATION PORTAL**

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

- **TS.07 TM & EM Reporting Display and Analysis**

It provides access to the reporting and analysis TM workspace in Umoja BI.

TM RELATED ACRONYMS



ACRONYM	FULL FORM	ACRONYM	FULL FORM
SRM	Supplier Relationship Management	T/PCC	Troops/Police Contributing Country
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?