# Exercise: UN Owned Equipment - DAP Scenario TM Planners.

## Introduction

The objective of this exercise is to provide condensed information on how the transport management of UNOE DAP scenario automatically calculates on behalf of the vendor the most suitable route, preparing the ground for vendor to insert events using the Carrier Collaboration Portal or alternatively TM planner using Umoja TM module on vendor's behalf.
In Incoterms rules DAP transfer of ownership happens at receiving entity. In terms of transport management, the overall task is under vendor's responsibility.

This exercise shows the student that Umoja TM module allows to track and have visibility on vendor leg's responsibility.

## Summary of Steps



## 1. Search for your inbound delivery

- Umoja Component: **SAP NWBC (NetWeaver Business Client)**
- User: **TS.01: TM planner & Execution**

Log in to the TM module using the credentials as TM planner & Execution provided in your Cover Page. Follow the steps below:

1. Select the ERP Logistics Integration tab
2. Click on the Overview Transportation Requirements from the menu option.
3. Under the Delivery Based Transportation Requirements header, enter your Inbound Delivery number in the **Original Delivery** field and click on the **Apply** button.
4. The Delivery Transportation Requirement linked to the Inbound Delivery displays. Related documents and their details can be viewed by scrolling from left to right. Take some time to review each column.
   Question: What's the Life Cycle Status of the DTR?
   What's the execution status of the DTR?

## 2. Check Delivery Transportation Requirement document:

Click on the DTR number and navigate through the different tabs displayed: General Data, Business Partner, Location Date/ Time, Document Flow, Notes, Administrative Data.

5. Click on the Document Flow tab to view documents automatically associated with the DTR number selected.

Question: Purchase Order's quantity is 10 units. Explain why you have 1 DTR, 1 Inbound Delivery, 1 Freight Unit and some Freight Orders.

Question: How many Freight Orders are displayed? Why do you think that is the reason for having this specific number of Freight Orders?

**General Data tab:**
Familiarize yourself: Header Details are successfully displayed. 1. Document Type, 2. Delivery Type 3. Lifecycle status 4. Execution Status 5. Planning Status 6. Incoterm 7. Incoterm Location 8. Incoterm location (Free text)
Document Type: ZD01
Original Delivery: Inbound Delivery
Delivery Type: EL

Sales Organization: SO_1000
Sales Group: Sales Group corresponding to the Purchasing Group on the PO

Incoterm: DAP
Incoterm Location: MINUSMA Bamako
Item Details are successfully displayed as well 1. Material Number 2. Material Description 3. Delivery Quantity 4. Unit of Measure 5. Weight (Gross, Net)

Question: Is the item(s) packed? What is the packaging material?

**Business Partner tab:**
It shows the list of business partners. Data displayed should match the Purchase Order
1. Shipper: Lenovo (USA) ('Vendor' in the Purchase Order)
2. Consignee UN Interim Force in Mali ('Ship To' in the Purchase Order)

**Location/ Date/ Times tab:**
Under this tab the TM Planner can view all details related to Source & Destination.
*Source*
*Source Location:* Is equal to the vendor Location (SU+BP Number) followed by the vendor name.
*Destination*
Destination Location: would be the Goods Receiving Point Location corresponding to the Delivery Location Address maintained in the Goods PO (Shipping Point Location)
*Address:* Displays the addresses of the Source & Destination Location.

Question: What's the destination address of the 10 Laptops?

Delivery Date (From) & Time / Pick-Up Date (From) & Time would be populated according to the Incoterm from the Delivery Date & Time from Inbound Delivery. Other Dates would be blank.

**Administrative Data tab:**

Administrative Data information displays details related to the user who has created the document and the one who has changed it.
Created By & On/At: User Id, Date & Time created
Changed By & On/At: User Id, Date & Time of last change

Finally, return to the Document Flow tab to navigate from the Delivery Transportation Requirement document to the Freight Unit document.

Document Hierarchy details are successfully displayed. Delivery Transportation Requirement is in 'planned' status. The associated Inbound Delivery number is displayed as a predecessor document. For the vendor delivered leg(s) freight order exists (automatically created).

## 3. Check the generated Fright Unit:

When navigating from one document to another in the Transportation Management system the tabs containing details of each document are generally the same. However, the details in them differ depending on the document viewed.

**General Data tab (**Freight Unit**):**

*Description*: Shows the Inbound Delivery Number
*Freight Unit Type*: incoterm rules DAP=> ZFU3 (UNOE Vendor Delivered Frt Unit)
*Incoterm*: from the Inbound Delivery
*Incoterm Location*: is the incoterm location stated in the inbound delivery (Bamako_ Airport)
Description: Inbound Delivery number, extracted from ECC
Freight Unit Building Rule: Is Incoterm dependent. For incoterm rule DAP => ZFUB_REQ_UNOE

*Source*: Location is displayed as the vendor Location (SU + vendor BP number), Vendor's name and its corresponding address.
*Destination*: Location is displayed as the shipping point Location (SP + Shipping Point Code), destination name and its corresponding address.
Start Date Requested is displayed as the delivery date/time of the inbound delivery document
End Date Requested is displayed as the delivery date/time of the inbound delivery document
End Date Acceptable is displayed as the delivery date/time of the inbound delivery document with 23:59:59 as the time

Purchasing Organization: United Nations Purchasing Organization (always)
Purchasing Group: Purchasing Group as Shopping Cart
Planning and Execution Organization: United Nations Planning and Execution Org (always)
Org Unit Group: ML10 (plant based)

At the bottom of the page, you will see the Product id, its packing information (if applicable) and its measurements.

**Business Partner tab (**Freight Unit**):**

The following information are successfully displayed. 1. Shipper which is the vendor (Vendor#, Vendor Name: Lenovo) 2. Consignee which is the Receiving Location (MINUSMA) 3. Carrier as blank 4. Executing Carrier as blank.

**Document Flow tab (**Freight Unit**):**
Predecessor document is set as (1) Delivery based Transportation Requirement document number and (2) Inbound Delivery Document number. Associated documents are displayed along with its current statuses.

**Statuses tab (**Freight Unit**):**
The Status details of the Freight Unit are displayed. The Life Cycle Status changes according to what stage the FU is in. Note, the planning and execution Statuses also change according to the status of the transportation plan.
Question: What does planning status “planned” meas in this scenario?

**Administrative Data tab (**Freight Unit**):**
Administrative Data details are successfully displayed. Created By, Created Date/Time as well as Changed By and Changed On Date/Time are displayed.

**Stages tab (**Freight Unit**):**
DAP / Non-Exw =>
The stages are divided into a number of stages, according to the transportation network (Umoja Master Data).
In this example, we have 3 stages:

Stage 1 is from Source Location (vendor) to the destination location of the transportation mean (road) which is NOT the Incoterm location defined in the inbound delivery document. Stage 2 and stage 3 are legs run by different transportation mean. Destination Location of last stage is as per incoterm location.

## 4. Check the generated Freight Orders:

From any document, documents that are already available can be accessed in the Document Flow tab. In DAP scenarios you will not see the Freight Orders pending to be generated by TM planners.

Freight Orders will follow a route generated by Umoja based on the Transportation Network Master Data. This is the route that Umoja assumes that the vendor will select. According to the generated route, the legs (Freight Orders) and events will be posted in Carrier Collaboration Portal for the vendor to insert updates. UN will track the shipment

but not plan it. Hence the Freight Order with defaulted route will be generated by the system and be ready for tracking in CCP/ TM.

Familiarize yourself with the Freight Orders by clicking its numbers.

**Note:** If TM planner is to manually re- define the entire route (with new legs), Umoja TM allows TM planner to delete the automatically created FO and replace them by manually created FOs, so that they reflect the real route that the vendor will take.

_____End of exercise_____