TRANSPORTATION MANAGEMENT
CHANGE PROCESS FUNCTIONS AND IMPACT

Transportation Planning and Management and Track & Trace (TPTM – T&T project)
October 2019
# OVERVIEW

## THE TRANSPORTATION MANAGEMENT SOLUTION

<table>
<thead>
<tr>
<th>Existing</th>
<th>New</th>
<th>New</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUPPLIER RELATIONSHIP MANAGEMENT (SRM)</td>
<td>TRANSPORTATION MANAGEMENT (TM) SYSTEM</td>
<td>ELECTRONIC DATA INTERCHANGE (EDI)</td>
</tr>
<tr>
<td>An SAP module currently used to raise shopping carts and conduct purchasing activities.</td>
<td>A new SAP module connected to Umoja where Freight orders can be managed with greater efficiency.</td>
<td>A medium of communication used to transmit goods PO and advanced shipping notification.</td>
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<td>ERP Central Component (ECC)</td>
<td>CARRIER COLLABORATION PORTAL (CCP)</td>
<td>Event Management in TM</td>
</tr>
<tr>
<td>Core component of the Umoja solution where all master data resides and core transactional (i.e. financial, inventory, and warehouse management) activities are performed.</td>
<td>A part of TM where vendors can upload documents, update events, and increase visibility on shipments.</td>
<td>The new feature allows TM Planner to update events, attach documents, write notes and comments.</td>
</tr>
</tbody>
</table>
SYSTEM ACTIONS/TRANSACTIONS

- Selection of right purchasing group, Location/Plant, and Storage Location
- Selection of correct Incoterms

- Fund Commitment mandatory for ZSDS, ZBUD Movements
- Picking and Packing in ECC
- Integration of ECC and TM, Handling Unit Data Flow

- Transportation Planning and Consolidation
- Correct Incoterm validation

- Correct date and Time for Event submission
TRANSPORTATION MANAGEMENT PROCESS

Intra-Inter missions transfer

Procure Goods

Deploy Force element

Plan Transportation

Procure Freight

Execute and Monitor

Analytics

SOW used as basis for solicitation

Percentage Status of Shipment, Expenditures figures

Inbound delivery or outbound delivery automatically pushed to TM DTR is automatically generated for UNOE and Missions Intra-Inter Missions Troops – FWO

Use of TM centralized cockpit to plan transportation (alternates routes, dates, carriers, cost estimates)

Centralized monitoring/updating of events in CCP

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM
KEY ACTORS AND OUTPUTS

Umoja System

Generates:
- DTR and FU
- TM Proposal
- Charge Estimate
- FO FFW Stage

- Consolidate Freight Unit
- Select TM Proposal
- Generate the Statement of Work
- Update Events in TM

- Manage Freight Orders (edit Routes, Date, Time)
- Assign Carrier and PO to FO

- Update Events in CCP

TM Planner
Role TS.01/07

TM FO
Manager
Role TS.02/08

Goods
Vendor/Freight FW
Role TS.05

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM
TRANSPORTATION FEATURES

- Consolidation of Freights
- Time saving with consolidation and routes optimization
- Freight Order Management
- Cost Control
- Event notification
- Forecasting for similar transportation parameters
- Quality service
- Vendors /FFW Repository for Documents
- Charge Estimates
- ECC
- TM

OFFICE OF SUPPLY CHAIN MANAGEMENT
UCS TRAINING TEAM
BENEFITS

PLAN, EXECUTE, MONITOR

1. Consolidate freights
2. Optimize routing and mode choices
3. Automatic Charge Calculations
4. End-to-End visibility of freight movements
5. Improved support of regulatory compliance

MEASURE & IMPROVE

1. Measure and report detailed shipping records for inbound and outbound freight
2. Using actual data to define/determine accurate needs, align plans and procurement volumes
3. Monitor vendor and Freight Forwarder performance (opportunities & challenges)

SUSTAIN

1. Standardize transportation process
2. Logistics cost reduction
<table>
<thead>
<tr>
<th>ACRONYM</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>TM</td>
<td>Transportation Management</td>
</tr>
<tr>
<td>DTR</td>
<td>Delivery-based Transportation Requirement</td>
</tr>
<tr>
<td>FU</td>
<td>Freight Unit</td>
</tr>
<tr>
<td>FO</td>
<td>Freight Order</td>
</tr>
<tr>
<td>FWO</td>
<td>Forwarding Order</td>
</tr>
<tr>
<td>CCP</td>
<td>Carrier Collaboration Portal</td>
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<td>SOW</td>
<td>Statement of Work</td>
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KEY CONCEPTS - WHAT TO REMEMBER

1. SRM –
✓ Incoterms Purchasing Group & Org
✓ Delivery Address & Dates

2. ECC –
✓ Picking & Packing

3. TM –
✓ Planning, optimizing & execution of transportation stages
✓ Updating transportation network data

4. CCP –
✓ Monitoring
✓ Submitting and Updating Expected and Unexpected Events
THANK YOU!
Questions or Comments?