

FTL Tariff and Route Management (WP1)

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1 Objective and Scope

This document presents the general process for managing **FTL** rates and routes in the WP1 system.

Scope

This process applies to all tariffs and deliveries to be processed in the EMEA zone (except Gorzow in Poland), and exclusively with regard to sales transport.

References

SBS OTC – Process Expert Procedure

Definitions

SD : Shipment Document. This file is a summary of all the elements necessary for carrying out a transport: route, carrier used, point of departure, point of arrival, mode of transport used ...

SCD : Shipment Cost Document. It is generated during the implementation (= ex works) of the transport mentioned in the SD where the accrual of the transport cost is created.

SHIPPING POINT : This is a code assigned to each site according to the nature of the product transported and the type of transport used (Ex: Collonges = 0151).

TARIFF ZONE : Division of a country to avoid having to enter the same tariff as many times as there are departments in the same geographical area (Ex: ZT Rhône-Alpes can include 01, 38, 69, 42)

EMEA : Europe, Middle East and Africa

TRANSPORT PLANNING POINT (TPO) : This is a code assigned to each administrative entity. It defines which site is responsible for organizing and paying for each transport.

RDT : Route Determination Table. This table allows that a route populate automatically in an order.

GOOGLE FORM : It is a way that allows sites to make emergency route requests.

Rates and Routes creation in FTL.

Rates

WHO?	WHAT?	HOW?
------	-------	------

Dangerous and non dangerous goods

Key Combination

- Ship.Type/Serv agent/Ship.pt./Dest.country/Pack mat/ship to
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/ShpCnd/MatFrtGr
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/ShpCnd/DG
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/ShpCnd
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/MatFrtGr
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/DangGd
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod

Multimodal:

Dangerous and non dangerous goods

Key Combination

- Ship.Type/Serv agent/Ship.pt./Dest.country/Pack mat/ship to
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/ShpCnd/MatFrtGr
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/ShpCnd/DG
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/ShpCnd
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/MatFrtGr
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/DangGd
- ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod

- When the key combination is selected the data can be fill:

Create EU ROAD FTL/BULK Condition (Z999) : Fast Entry



ShpTp/ServAg/DstCtry/PckMat/ShpPt/DstPstlCod/DangGd														
Fr. S...	ServAgent	De...	Ship...	TargPostCd	C. PackMats	Description	Amount	Unit	per	UoM	C...	S...	Valid From	Valid to
01	66594	FR	0086	95	<input checked="" type="checkbox"/> 1055653	SD LORRY 25 TO ENVIRON	600,00	EUR			B		01.01.2020	31.01.2021



In the end and before leaving please don't forget to save the information.

The process of rates registration can be done in two ways :

- Manually, if there is only one entry
- In mass, by using a template for Mass upload.(Available in transaction **ZWOC90D** and **ZWOC90B**).

Route creation in FTL:

WHO?	WHAT?	HOW?
------	-------	------

The elements for route creation must be provided by Purchasing (AODocs/Gsheet) or by the GBU through a [Google form](#).

Create route in SAP:

Enter transaction **OVTC** –Route definition:



Select the pencil to create

All routes have a specific codification depending on the mode of transport used, for road is "3" e.g: 300001. To respect the sequence of the existing routes we select the last route created by going to the icon positions:

Display View "Routes": Overview

Display BC Set

Dialog Structure

- Routes
 - Route Stages
 - Transportation connection point

Route	Description	ST	PL	Un	ServAgent	TransitDur	Trav.dur.	TransLdTm.	Tr.lead
000000	UMM*	01			60905				
000009	FR RoadC DEBEAUX 1D 0D	01			51066			1,00	
000010	FR RoadC DEBEAUX 1D 1D	01			51066	1,00		1,00	
000011	FR RoadC DEBEAUX 1D 2D	01			51066	2,00		1,00	
000012	FR RoadC DEBEAUX 1D 3D	01			51066	3,00		1,00	
000013	FR RoadC DEBEAUX 1D 4D	01			51066	4,00		1,00	
000019	FR RoadC SAURON 1D 0D	01			51179			1,00	
000020	FR RoadC SAURON 1D 1D	01			51179	1,00		1,00	
000021	FR RoadC SAURON 1D 2D	01			51179	2,00		1,00	
000026	FR RoadC DEBEAUX 1D 2D	01			51458	2,00		1,00	
000031	FR RoadC DHL FREIGHT 1D 3D	01			51138	3,00		1,00	
000032	FR RoadC DHL FREIGHT (OBR) 1D 3D	01			51138	3,00		1,00	
000033	FR RoadC DHL FREIGHT (OBR) 1D 4D	01			51138	4,00		1,00	

Position... Entry 1 of 26.849

Once the final route code is discovered we use the subsequent number e.g: If the last number is 304772, the new route will be 304773.


A route for road packed doesn't have any connection point, therefore it can be used by other sites, with this we can affirm that all the road pack road are multisite (Can be used by other GBUs/sites)

The process of route creation covers two steps:

1. Creation of the route
2. Translation

Creation of the route:

- In order to create the route properly the information below must be fill in:
- Description of the route:
Calendar + **service agent name** + **Lead time** + **Transit time**
 e.g : **FR HOYER 3D 2D**

Route	304762		
Identification			
Description	FR HOYER 3D 2D		
Route ID	FR HOYER 3D 2D		
Processing			
Service agent	57099	HOYER FRANCE LYON	
ModeOfTr-Border	3		
Shipping type	01  Truck	Distance	0,000
ShTypePrelLeg			
ShTypeSubLeg		<input checked="" type="checkbox"/> Rel.transport	
Scheduling			
TransitTime	2,00	Factory cal.	FR
Trav.dur.			
TransLdTm.	3,00		
TrLeadTimeHrs			
AlwdTotWgt	0		
Dangerous goods			
<input type="checkbox"/> Take transit country table into acc.			



Once the information is completely inserted, press **enter** and **save**

Translation

Once the route is saved it is necessary to translate to the other available languages. The process is made to ensure that route description appears on sales order/purchase orders at the time that the route is used, regardless of the language chosen in SAP. To start the process is necessary to go to the Icon **Edit** and select **translation**:

The screenshot shows the SAP Table View interface. A context menu is open over the 'Translation' field of a table entry. The menu options include: New Entries, Selections, Delete (Shift+F2), Copy as... (F6), Change Field Contents..., Undo Change (Ctrl+F2), Translation, Address, Define Validity, Expand <-> Collapse, Form, Shipment, and Cancel (F12). The table below shows various route entries with columns for Description, ST, PL, Un, ServAgent, TransitDur, Trav.dur., TransLdTm., Tr.lead time hr, Cal, and Distance.

Description	ST	PL	Un	ServAgent	TransitDur	Trav.dur.	TransLdTm.	Tr.lead time hr	Cal	Distance
FR HOYER 3D 2D	01			57099	2,00		3,00		FR	
FR HOYER 3D 10D	01			57099	10,00		3,00		FR	
FR HOYER 3D 1D	01			57099	1,00		3,00		FR	
FR KUBE KUBENZ 4D 2D	01			137105	2,00		4,00		FR	
FR FERRARI ALDO 2D 0D	01			136926			2,00		FR	
FR SAFRAM 2D 16D	01			61990	16,00		2,00		FR	
FR SAFRAM 2D 12D	01			61990	12,00		2,00		FR	
GB K & N YL 2D 4D	01			2818581	4,00		2,00		GB	
304770 GB YL CUSTOMER PICK UP SD 0D	01						5,00		GB	
304771 FR Route CH ROBINSON 3D 8D	01			102130192	8,00		3,00		FR	
304772 NL RHONATRANS 3D 6D	01			53852	6,00		3,00		NL	
3A5APL MX ANCER TR 24T 8733 PL 0D 1D	01			2501413	1,00				MX	
3G2A3C MX ALONDRA CAM 3.5T 8733-JALISCO 0D	01			2500984	1,00				MX	

then a board will appear with several languages, it is necessary to select all. It can be made by pressing the **Green button** and **Enter**:

The screenshot shows the 'Choose languages 26 Entries' dialog box. It contains a table with two columns: 'Language' and 'Name of Language'. All checkboxes in the 'Language' column are checked. At the bottom, a green checkmark icon is highlighted, and a tooltip indicates 'Select all (F7)'.

Language	Name of Language
<input checked="" type="checkbox"/> HY	Armenian
<input checked="" type="checkbox"/> Z9	Brazilian Portug
<input checked="" type="checkbox"/> BG	Bulgarian
<input checked="" type="checkbox"/> ZH	Chinese
<input checked="" type="checkbox"/> ZF	Chinese trad.
<input checked="" type="checkbox"/> CS	Czech
<input checked="" type="checkbox"/> NL	Dutch
<input checked="" type="checkbox"/> Z8	EN (US) EHS ONLY
<input checked="" type="checkbox"/> EN	English
<input checked="" type="checkbox"/> FR	French
<input checked="" type="checkbox"/> 3F	French_CA
<input checked="" type="checkbox"/> DE	German
<input checked="" type="checkbox"/> EL	Greek
<input checked="" type="checkbox"/> ID	Indonesian
<input checked="" type="checkbox"/> IT	Italian
<input checked="" type="checkbox"/> JA	Japanese
<input checked="" type="checkbox"/> KO	Korean
<input checked="" type="checkbox"/> MS	Malay
<input checked="" type="checkbox"/> PL	Polish
<input checked="" type="checkbox"/> PT	Portuguese
<input checked="" type="checkbox"/> SK	Slovak
<input checked="" type="checkbox"/> ES	Spanish
<input checked="" type="checkbox"/> 1X	Spanish_MX
<input checked="" type="checkbox"/> TH	Thai
<input checked="" type="checkbox"/> TR	Turkish
<input checked="" type="checkbox"/> VI	Vietnamese

Once you press enter, a new board will appear with the languages and the route selected. What is required is to copy paste the description to all the languages and save at the end.

Edit Texts in Other Languages

Route	Language	Description
304762	English	FR HOYER 3D 2D
	Brazilian Portug	FR HOYER 3D 2D
	Chinese	FR HOYER 3D 2D
	Thai	FR HOYER 3D 2D
	Korean	FR HOYER 3D 2D
	Malay	FR HOYER 3D 2D
	EN (US) EHS O...	FR HOYER 3D 2D
	Czech	FR HOYER 3D 2D
	German	FR HOYER 3D 2D
	English	FR HOYER 3D 2D
	French	FR HOYER 3D 2D
	Greek	FR HOYER 3D 2D
	Italian	FR HOYER 3D 2D
	Japanese	FR HOYER 3D 2D
	Polish	FR HOYER 3D 2D
	Chinese trad.	FR HOYER 3D 2D
	Dutch	FR HOYER 3D 2D
	Portuguese	FR HOYER 3D 2D

Route modification :

It can happen to receive a request for a route modification by the GBU. The requests are usually linked to a modification of lead time, transit time, service agent, factory calendar, etc...

Before doing the modification it is necessary to analyze possible options.

3 possible options:

The route already exists: In this case instead of creating a new one, the available route code is delivered to the GBU.

The route code doesn't exist: Check if the mentioned route to be modified is not being used by another GBU. (RDT or shipment document).

If not, modify the route.

Before modifying a route it is necessary to see if it is not being used by another GBU, checking the route table determination(RDT), transaction **ZWOC46A**.

List Route Determination

Program Selections			
Departure country	<input type="text"/>	to	<input type="text"/>
Departure zone	<input type="text"/>	to	<input type="text"/>
Destination Country	<input type="text"/>	to	<input type="text"/>
Transportation Zone	<input type="text"/>	to	<input type="text"/>
Actual route	<input type="text"/>	to	<input type="text"/>
Transportation Group	<input type="text"/>	to	<input type="text"/>
Shipping Conditions	<input type="text"/>	to	<input type="text"/>
Route	<input style="background-color: yellow;" type="text"/>	to	<input type="text"/>
Language Key	EN	to	<input type="text"/>
Service agent	<input type="text"/>	to	<input type="text"/>
Shipping Point/Receiving Pt	<input type="text"/>	to	<input type="text"/>

and execute

You can also use transaction **VT11** to see all GBU, through the Shipment Document, that used that route:

Shipment List: Planning

Selection Options

Processing			
Service agent	<input type="text"/>	to	<input type="text"/>
Shipment route	<input style="background-color: yellow;" type="text"/>	to	<input type="text"/>
Shipping type	<input type="text"/>	to	<input type="text"/>
Leg indicator	<input type="text"/>	to	<input type="text"/>
Service Level	<input type="text"/>	to	<input type="text"/>
Shipping Conditions	<input type="text"/>	to	<input type="text"/>
Special proc. indicator	<input type="text"/>	to	<input type="text"/>

Continue to the end of that page and then add the date you want to check

Administrative data

Created By	<input type="text"/>	to	<input type="text"/>
Created On	<input style="background-color: yellow;" type="text"/>	to	<input style="background-color: yellow;" type="text"/>
Changed by	<input type="text"/>	to	<input type="text"/>
Changed On	<input type="text"/>	to	<input type="text"/>

and execute