

AIR Tariff and Route Management (WP1)

Table of contents

• Objective and Scope	1
◦ Objective of this Procedure	1
◦ Scope	1
• Definitions	1
• Entry of Tariffs and Route Creation	1
◦ Entry of Tariffs	1
▪ Tariff creation	2
▪ Other taxes related to air transport	3
◦ Route Creation	4
▪ Checking if existing route	5
▪ Route structure	7
▪ Route creation	7
▪ Route description	8

Objective and Scope

Objective of this Procedure

This document presents the general process for managing **air transport** rates and routes in 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.

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*TDA - versão francesa e bastante utilizada : * 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.

DG and NDG : If we are dealing with a Dangerous Goods or Non Dangerous Goods flows

Entry of Tariffs and Route Creation

Entry of Tariffs

WHO ?	WHAT ?	HOW ?

Overseas Logistics Purchasing	Sending price grids (Tender or rates updates)	Via Gdrive file / email
SBS Logistics Data	Entry prices	TK11 / TK14 / ZWOC90B

Tariff creation

Tariffs are created on Primary and Back-up flows.

Before creating a price, check that it does not exist in SAP (via TK13)

Our rate base can be found in the following path:

My Disk > 01. SBS OtC Logistics Data EMEA > TENDER > Rates Global data warehouse > FINAL Qlikview Files *Do not delete*

The Air price scheme corresponds to a lump sum from the shipping point to the destination airport, price/kg (gross weight), including a minimum (without weight range).

1. Enter transaction **TK11**
2. Condition Type: **Z800 Air Freight**
3. Choose the right key combination:

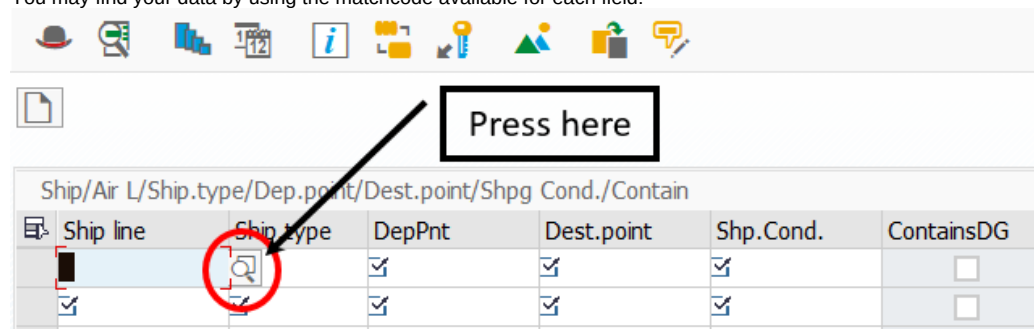
WP1(1)/400 Key Combination

☐ ServcAgent/TrspPPt/Ship.type/Dep.point/Dest.point/SpecPro/DG
☐ ServcAgent/TrspPlanPt/Ship.type/Dep.point/Dest.point/SpecPro
☒ Ship/Air L/Ship.type/Dep.point/Dest.point/Shpg Cond./Contain
☐ Ship/Air L/Ship.type/Dep.point/Dest.point/Shpg Cond.

☒ ☐

1. Fill in the fields corresponding to the chosen key combination.

You may find your data by using the matchcode available for each field:



Press here

Ship line	Ship.type	DepPnt	Dest.point	Shp.Cond.	ContainsDG
		☒	☒	☒	☐
		☒	☒	☒	☐

- **Airline** : Airline code (ex: DHL 01801 ou SDV 02301)
- **Shipping type for shipment stage** : note, **06** for Air passenger shipments and **11** for Air cargo.
- **Departure Point** corresponding to the shipping point (ex La Rochelle: 1 FR 7677).
- **Destination point** : set **5 xx xxx** (ex Alexandrie : 5 EG ALY)

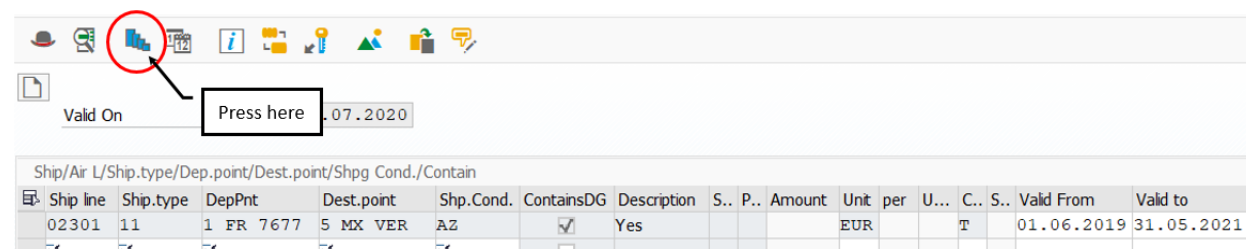
xx = country xxx = airport code

- **Shipping condition** : Strategy for the delivery of goods from the vendor to the customer.
 - **AZ** : Direct Service (quickest service with direct flights 24 to 48 hours airport to airport for DG and NDG)
 - **BA** : Consolidated Service (freight forwarder consolidation 96-120 hours airport to airport for NDG)

There are no prices for hazardous materials in consolidated service

ContainsDG	Description
☒	Yes

- **Indicator: Document contains dangerous goods**
- **Rate unit (currency or percentage)**
- **Calculation type for condition** : T Multi-dimensional
- **Validity start date and Validity end date** : Agreement date



Valid On

Press here

07.2020

Ship line	Ship.type	DepPnt	Dest.point	Shp.Cond.	ContainsDG	Description	S..	P..	Amount	Unit	per	U...	C..	S..	Valid From	Valid to
02301	11	1 FR 7677	5 MX VER	AZ	☒	Yes				EUR			T		01.06.2019	31.05.2021

1. Click on  and enter the scale code chosen (depending on the agreement* use scale ID **458895** GROSS WEIGHT UP-TO 5T / **460133** GROSS WEIGHT UP-TO 8T).
2. Enter the prices in the table that appears, indicating the Minimum price and the price per kilo in the Amount column.

Key Scales

Scale ID	Scale descript.	Rule	per	UM	RRul	Scale...	Ref.	SU	RRul	per	RRul	Min	Max	ScVa...
460133	GROSS WEIGHT UP-TO 8T	D	1	KG		B	D	KG		0		☒	☐	0

Amount

Characteristic	Gross weight (KG) to /
Ch. Val.	MINIMUM AMOUNT
8.000 B	216,00 2,83

1. Save.

*Sent by email in the beginning of the Tender

Other taxes related to air transport

If needed we can use some existent price condition depending on the surcharge to be created.

As an example, how to create a fuel surcharge (Fuel per Weight) and managed in a separate price condition.

The fuel costs are variable quarterly, on information from Purchases.

Enter the price under condition **TK11**: Create condition records

Create Condition Records

 Condition Information Key Combination

Condition Type

- Condition Type = **Z070 Fuel per Weight**
- Click on "Key combination"
- Choose the right combination according to the Purchasing data

WP1(1)/400 Key Combination

Shipping line/Ship.type/LegIndictr

Service agent/Shp.type

Service agent/Shp.type													
ServcAgent	S..	S	Description	P..	Amount	Unit	per	U...	C..	S..	Valid From	Valid to	
129380	11		Air cargo		0,90	USD		1 KG	D		01.06.2016	31.12.2021	
													

Route Creation

Route requests

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

Overseas Logistics Purchasing	Sending price grids (Tender or rates updates)	Via Gdrive file / email
GBU Sites	Route requests	Google form
SBS Logistics Data	Route Creation	0VTC/ ZWOC42A

Checking if existing route

Routes are created only on **Primary** flows.

The request can reach us either by google form (for spot requests from sites) or via an update of the AIR tender by Logistics Purchasing.

- Before creating a route, you must first check whether it exists in SAP. We have a query that lists all of the available routes.

Procedure:

- we open the transaction SQ00
- choose user group ZW_RCS_OC



Go to the "change user group" icon , and "Enter"
Select **ZW_RCS_OC**

WP1(1)/400 Query from User Group ZW_RCS_OC: Initial Screen

Name	User group name
ZW_RCS_MES	Projet RCS_MES
ZW_RCS_OC	OC - RCS
ZW_RCS_PM	RCS Team PM
ZW_RCS_PP	PP - RCS
ZW_RCS_PU	PU - RCS
ZW_RCS_SECU	Equipe Support Securite
ZW_REMEDY	PAX REMEDY
ZW_SECU	équipe SECURITE
ZW_US_FP	US Supply Chain
ZW_US_IM	US IM Queries
ZW_US_MD	US Master Data Queries
ZW_US_OTC	US OTC Mustang Queries
ZW_US_OTCTEC	US OTC Technical Queries
ZW_US_PM	PM US User Group
ZW_US_PU	US PU Queries
ZW_US_QM	US QM queries
ZW_VCH3	RCS histor. strat rech. lot
ZW_ZBR2	Silicones BR Queries
Z_APAC_RTR	Asia RTR
Z_AP_TEST	Z_AP_TEST
Z_BE_SKEP	Belle Etoile SKEP Interface

 Choose



Author and last user



- click on the request **0VTC_INFO**

Name	Title
0VTC_INFO	Information sur acheminements

- Select the line, click on 

Program selections

Route to
Language Key to



Output Format

☒ SAP List Viewer



Leave nothing, click directly on 
Make a layout with the elements listed below:

- Click on the 

Column Name
Route
Description of Route
Number of forwarding agent
Name 1
Shipping type
Factory calendar key
Departure Point
Destination point
Departure Point
Transportation lead time in calendar day
Transit duration in calendar days
Mode of Transport for Foreign Trade
Relevance for transportation ID
Language Key
Enter

Information sur acheminements

Route	Description	Servc...	Name 1	ST	Cal	DepPnt	Dest.point	DepPnt	zTran...	zTran...	MoT	TR	Lan...
400718	10 AIR 0273-LYS-CHENNAI 2D 5D	77548	BDP INTERNATIONAL S.A.S.	11	10	1 FR 0273	5 IN MAA	7 FR LYS	2,00	5,00	4	X	EN
400617	10 AIR BDP 0157-LYS-BANGKOK 2D 4D	77548	BDP INTERNATIONAL S.A.S.	11	10	1 FR 0157	5 TH BKK	7 FR LYS	2,00	4,00	4	X	EN
400695	10 AIR BDP 0157-LYS-BANGKOK 2D 5D	77548	BDP INTERNATIONAL S.A.S.	11	10	1 FR 0157	5 TH BKK	7 FR LYS	2,00	5,00	4	X	EN

If necessary, export to Excel and save

T	Designation	Nom prestataire	Prest.Tr.	Acher	Noeud départ	Point frontière	Noeud arrivé	Délai affrèt.	DuréeTrai	Ca
04	10 MerV ND CLAM LEH-PUSAN 4J 34J	NORBERT DENTRESSANGLE	132520	023282	1 FR E023	7 FR LEH	3 KR PUS	4,00	34,00	
04	10 MERV ND LEH-BATON ROUGE 10J 20J	NORBERT DENTRESSANGLE	132520	027091		7 FR LEH		10,00	20,00	10
01	10 MerV STOLT SFC/FOS-NAVASHEVA 7J 26J	STOLT NIELSEN TRANSPORTATION G	57579	028221	7 FR FOS	7 FR FOS		7,00	26,00	10
04	10 MerV INTERMOD OSPT/GENE-SGP 7J 26J	INTERMODAL TANK TRANSPORT NV	135968	029998	1 IT E030	7 IT GOA	3 SG SIN	7,00	26,00	10
04	10 MerV AF STOLT SFC/LEH-CHARLES 10J 1	STOLT NIELSEN TRANSPORTATION G	57579	009054	1 FR E048	7 FR LEH	3 US CHS	10,00	16,00	10
04	10 MerV STOLT SFC/FOS-SANTOS 10D 38D	STOLT NIELSEN TRANSPORTATION G	57579	009058	1 FR E048	7 FR FOS	3 BR SSZ	10,00	18,00	10
04	10 MerV HOYER ANR-SANTOS 15J 23J	HOYER FRANCE	54387	008044	3 BE ANR	7 BE ANR	3 BR SSZ	15,00	23,00	10
04	10 MerV STOLT (LEH) 7J 28J	STOLT NIELSEN TRANSPORTATION G	57579	009000		7 FR LEH		7,00	28,00	10
04	10 MerV ND PCL-FOS-MOJIL 10J 33J	NORBERT DENTRESSANGLE	132520	009062	1 FR E018	7 FR FOS	3 JP MOJ	10,00	33,00	10

Route structure

Carrier 1

Shipping PointDestination Airport

The elements required to create this type of route are:

- Shipping point
- Departure connection point designation (shipping point : 1 FR xxx)
- Departure airport name
- Arrival airport name
- Arrival connection point designation
- Transport mode (always 4)
- Shipping type (always 11)
- Relevance for transportation ID
- Calendar key (always 10)
- Carrier name (forwarder)
- RCS carrier code
- Lead time
- Transit time

"The AIR tariff construction is based on the following schema: minimum rate and rate per Kg from shipping site to destination airport.

It is therefore necessary to create a route by shipping point and by destination according to each needs."

This information is very detailed because it allows not only to create the route but also to check / request the price for the given flow.

It should be noted that for air shipments departing from France, the border point corresponding to the place where the goods leave European territory must be indicated (the border connection point: 7 FR xxx).

Route creation

- Transaction 0VTC – Route definition

Display BC Set

Dialog Structure

- Routes
 - Route Stages
 - Transportation connection points

Route	Description	ST	PL	Un	ServAgent	TransitDur	Trav.dur.	TransLdTm.	Tr.lead time hr	Cal	Distance	Unit	MoT	D..	TR
400000	10 AIR BOLLO OSPIATE-MIL-GUARULHOS 2D 4D	11			62861	4,00		2,-		10	0,000	4			✓
400001	10 AIR DGF COLLONGES-LYS-INCHEON 2D 2D	11			76748	2,00		2,-		10	0,000	4			✓
400003	10 AIR DGF VALENCE-LYS-AHMEDABAD 2D 7D	11			76748	7,00		2,-		10	0,000	4			✓
400004	10 AIR DGF COLLONGES-LYS-MUMBAI 2D 5D	11			76748	5,00		2,-		10	0,000	4			✓
400005	10 AIR KERRY ANVERS-BRU-TUNIS 1D 3D	11			130191	3,00		1,-		10	0,000	4			✓
400006	10 AIR KERRY ANVERS-BRU-MANILA 1D 3D	11			130191	3,00		1,-		10	0,000	4			✓
400007	15 AIR DGF OSPIATE-MIL-MEXICO 4D 4D	11			95173	4,00		4,-		15	0,000	4			✓
400008	10 AIR DGF MELLE-BOI-RIYADH 2D 5D	11			61005	5,00		2,-		10	0,000	4			✓
400009	15 AIR BOLLO OSPIATE-MIL-DUBAI 3D 2D	11			62861	2,00		3,-		15	0,000	4			✓
400010	15 AIR BOLLO OSPIATE-MIL-DUBAI 2D 3D	11			95173	3,00		2,-		15	0,000	4			✓
400011	10 AIR DGF MELLE-BOI-NASHVILLE 2D 2D	11			61005	2,00		2,-		10	0,000	4			✓
400012	10 AIR BOLLO HALIFAX-MAN-BOSTON 5D 2D	11			129092	2,00		5,-		10	0,000	4			✓
400013	15 AIR BOLLO OSPIATE-MIL- MUMBAI 3D 3D	11			62861	3,00		3,-		15	0,000	4			✓
400014	10 AIR TNT WLOCLAWEK-POZ-INCHEON 3D 10D	11			302314304	10,00		3,-		10	0,000	4			✓
400015	13 AIR DGF STFONS-LYS-CHICAGO 2D 4D	11			76748	4,00		2,-		13	0,000	4			✓
400016	10 AIR DGF STFONS-LYS 2D 8D	06			76748	8,00		2,-		10	0,000	4			✓
400017	10 AIR DGF STFONS-LYS 2D 6D	06			76748	6,00		2,-		10	0,000	4			✓
400018	10 AIR DHL EXPRESS STFONS-LYS 2D 2D	06			51330	2,00		2,-		10	0,000	4			✓
400019	10 AIR DGF OSPIATE-MIL-GUATEMALA 2D 3D	11			95173	3,00		2,-		10	0,000	4			✓
400020	15 AIR SITTAM OSPIATE-MIL-CALGARY 2D 4D	11			52153	4,00		2,-		10	0,000	4			✓
400021	10 AIR BOLLO HALIFAX-LON-SINGAPORE 3D 7D	11			129092	3,00		7,-		10	0,000	4			✓
400022	10 AIR BOLLO HALIFAX-LON-NEW YORK 2D 3D	11			129092	2,00		3,-		10	0,000	4			✓

Position... Entry 13.508 of 26.870

In the Route tab, click on the "Position" icon. We assign the route number ourselves.
Check the last number on the list by entering "5" (air routes start with 4), assign our route number.

- Enter the following information on Route level:

Indicate the route number by the chosen route number.

Route	401509		
Identification			
Description	10 AIR GILOG 8356-GDL-TUNIS 3D 10D		
Route ID	10 AIR GILOG 8356-GDL-TUNIS 3D 10D		
Processing			
Service agent	2501601	GILOGISTICA DE TRANSPORTES S DE	
ModeOfTr-Border	4		
Shipping type	11	Air cargo	Distance 0,000
ShTypePrelLeg			
ShTypeSubLeg		☒ Rel.transport	
Scheduling			
TransitTime	10,00	Factory cal.	10
Trav.dur.			
TransLdTm.	3,00		
TrLeadTimeHrs			
AlwdTotWgt	0		
Dangerous goods			
☐ Take transit country table into acc.			

Enter the new data:

Enter the description and copy this designation to the "Route ID" line.

Service agent code

Mode of transport = **4** (Air)

Type of shipment = **11** (Air cargo).

Transit time

Lead time

Factory calendar key = **10** (All days are work days).

Check "Rel.transport". This will automatically generate a DFT when using this route.

Route description

The wording of the routes must follow 3 essential rules:

- All routes must be entered in capitals;
- The description of the routes cannot exceed 39 characters.
- The must be written in English and translated into English for all other languages.
Calendar + AIR + Supplier (3 letters abbreviation) Site (shipping point) -Departure airport (3 letters IATA code)-Arrival airport + Lead time + Transit time
Example:
 EN: 10 AIR DGF VALENCE-LYS-MUMBAI 1D 7D

- Click "ENTER"
- Click on the "Route Stage" tab:

Dialog Structure

- Routes
 - Route Stages
 - Transportation connection point

Route: 401509 10 AIR GILOG 8356

Itin.	Cat.	Cat	Dep.point	Description
-------	------	-----	-----------	-------------

- Click on the icon  or  to add or insert a new entry;
- Enter the following information on Route Stage level:

Route	401463	10 AIR BDP 0151-LYS-CAIRO 4D 2D
-------	--------	---------------------------------

Itinerary	1
-----------	---

Locations		
Dep. point	1 FR 0151	Collonges C
Dest.point	5 EG CAI	Cairo airport

Processing		
Service agent	77548	BDP INTERNATIONAL SAS
Distance		
Leg indicator	2 Main leg	Stage category 1 Transportation
Shipping type	11 Air cargo	☒ ShpmntCostsRel.
Special proc.		
Procedure		BR-By Road Outbound

Scheduling		
Total duration		Working times
Travel duration		FactoryCalendar

Enter the departure connection point (starting with **1 xx => Site / Shipping Point**) and arrival airport (starting with **5 xx => Airport**).
 Enter the new data:

Service agent code

Leg indicator = **2 (Main leg)**

Shipping type = **11 (Air cargo)**

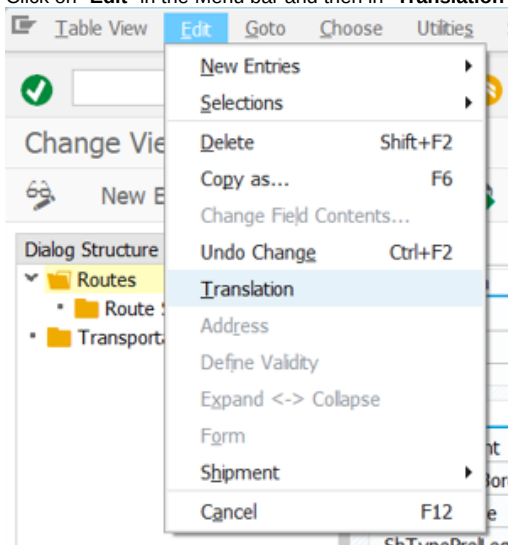
Stage category = **1 (Transportation)**

***Click on "ShpmntCostsRel{*}"**. This will automatically generate a SCD when using this route.

- Click on the icon  to add a new entry for the border point;
- Enter the border connection point as "**7 xx xxx**" (for example: Lyon St Exupéry airport: 7 FR LYS) and in stage category: **3**

Route Stages					
Itin.	Cat.	Cat	Dep.point	Description	
2	3		7 FR LYS	Lyon	

- Save.
- Perform the translation:
- Click on **"Edit"** in the Menu bar and then in **"Translation"**



- Select all the languages and perform the translation in English for all of them.

WV1(1)/400 Choose languages 2...

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

1. Select all
2. Enter

WV1(1)/400 Edit Texts in Other Languages

Route	Language	Description
401463	English	10 AIR BDP 0151-LYS-CAIRO 4D 2D
	Brazilian Portug	
	Chinese	
	Thai	
	Korean	
	Malay	
	EN (US) EHS ...	
	Czech	
	German	
	English	
	French	
	Greek	
	Italian	
	Japanese	
	Polish	
	Chinese trad.	
	Dutch	
	Portuguese	

Copy and paste the
text of the filled line
into the blank lines

**Enter
& Save**