

SAP TM - UNDERSTANDING FORWARDING ORDER

Forwarding Order (FWO)

SAP NetWeaver Business Client

Home **Forwarding Order Management** ERP Logistics Integration Freight Order Management Planning Forwarding Agreement Management Freight Agreement Management Forwarding Settlement Freight Settlement Master Data Analytics Application Administration

Worklists

Worklist

- Overview Forwarding Order**
- Overview Direct Shipment
- Overview Forwarding Quotation
- Overview Forwarding Agreement
- Forwarding Order
- Forwarding Quotation
- Charge Estimation

View: [Standard View] New Edit Display Follow Up Set to In Process Check Credit Limit Confirm Calculate Charges

Create Forwarding Settlement Document Set Manual Block Remove Manual Block Cancel Document Copy with New Document Type Forwarding Quotation Mass Output

Print Version Export Refresh

Docu...	Docu...	Ordering...	Shipper	Const...	Pick-Up...	Delivery...	Source...	Sourc...	Source...	Dest. Lo...	Destin...	Destinati...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	11.01.2016	30.01.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	09.04.2016	11.04.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	11.01.2016	30.01.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	11.01.2016	30.01.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	11.01.2016	30.01.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	11.01.2016	30.01.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2200000...	TMS1	TMSO_C01	TMSO_C01	TMSO...	11.01.2016	30.01.2016	CUTMS...		Am Gott...	CUTMS...		100 Cogr...
2190000...	ZPF	NITEL					HOUSTON		WestHei...	NEW YORK		/ NY
2190000...	ZPF	NITEL	HOUST1	NITEL								
2190000...	ZPF	NITEL	HOUST1	NITEL								
2190000...	ZPF	NITEL	DHL_PL...	NITEL	15.07.2015	31.07.2015	HOUSTON		WestHei...	LAGOS_...		
2190000...	ZFDS											
2190000...	ZFDS	DOT-CU...	CAR_1	125			PORT_D...		PO Box...	SCHE		/ 600005...
2100000...	YOF1	325	325	OAF-C...	20.03.2017	23.03.2017	DE_01_05		/ D-	US_01_05		

Display OF: Forwarding Order Export 210000315

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs Page: Forwarding Order

General Data Administrative Data Business Partner Document Flow Charges Internal Charges Profitability Notes Output Management Statuses

text desc:

Forwarding Order Data

* Document Type:

Order Date:

Life Cycle Status: **Planned**

House Bill of Lading:

House Bill of Lading Status: **Not Finalized**

Carrier's Master Bill of Lading Number:

Buyer's Reference Number:

Cross-Trade Forwarding Order:

Export Decl. by LSP:

Insurance by LSP:

Buyer's or Shipper's Consolidation:

Controlled:

External Freight Agreement:

TEXT1:

TEXT3:

General Terms

Organizational Data

Sales Organization: sales org for DE

Sales Office: sales OFFICE for DE

Sales Group: sales GROUP for DE

Settlement Terms

Inco term:

Inco term Location:

Freight Term:

ZTEXT:

Notes

Forwarding Agreement References

Forwarding Agreement/Version:

Order Date is important for Charge Management
Charges vary from day-to-day

Organizational Data - Sales Org is mandatory for creating Freight Unit

Settlement terms - Incoterms (LSP Scenario - Free Text, Cannot be mapped to Location / Shipper Scenario - Can Be a Location)

House Bill Of Lading - Tracking Reference of FWO (Example - Moving from Legacy to SAP, Legacy Shipment in Progress)

House BoL can be used as TRACKING ID in SAP EVENT MANAGEMENT for Tracking Shipment from Order' Perspective

Buyer's Reference Number - Reference Number of the SHIPPER

Export Declaration / Insurance by LSP - If SAP TM is integrated with GTS then we use this check boxes if goods being shipped needs to be declared to custom and has Insurance

Controlled (Check box) - When LSP does END TO END transportation include MAIN CARRIAGE and charges the entire cost to SHIPPER - it is controlled, but when LSP does not do the MAIN CARRIAGE and the MAIN CARRIAGE Carrier directly charges the SHIPPER, it is UNCONTROLLED

So when it is UNCONTROLLED - EXTERNAL FREIGHT AGREEMENT Number can be entered.

The screenshot displays the SAP Forwarding Order Export 2100000315 interface. The top bar includes a title bar and a navigation menu with options like Save, Cancel, Edit, Follow Up, Check, Confirm, Calculate Charges, Cancel Document, and Customs. The main area is divided into two sections: General Terms and Forwarding Agreement References. The General Terms section contains various input fields for Service Level, Transportation Mode (03 Sea), Traffic Direction (1 Export), Shipping Type (3 FCL (Full Container Load)), Movement Type (DD Door to Door), Delivery Priority, Default Route, High-Value Cargo, Goods Value, Goods Value for Customs, Insurable Value, Gross Weight (100 KG), Gross Volume, Pieces (1 PC), and Number of TEU. The Forwarding Agreement References section includes fields for Forwarding Agreement/Version, Item, Service Product, Import Forwarding Agreement/Version, Import Item, and Import Service Product. Below the main form is an 'Items' section with a toolbar and a table with columns: Item Hierarchy, Item Type, Z Flag, Resource, Container, Equipment Group, Equipment Type, Empty Provisioning, Em... Return, Package, Package..., Product, and Qt.

Transportation Mode / Traffic Direction / Shipping Type can be configured to be default when defining FWO Document Type

Goods Value for Customs / Goods Value - Used for Declaration

FWO Basic Config

Display IMG

Existing BC Sets BC Sets for Activity Activated BC Sets for Activity

Structure

- SAP NetWeaver
- Cross-Application Components
- Event Management
- Financial Supply Chain Management
- SCM Extended Warehouse Management
- SAP Transportation Management
 - Transportation Management
 - Settings in SCM Basis
 - Master Data
 - Basic Functions
 - General Settings for Order Management
 - Forwarding Order Management
 - Define Number Range Intervals for Forwarding Order Management
 - Define Item Types for Forwarding Order Management
 - Define Package Type Codes
 - Define Default Agreement Party Roles for Stages
 - Define Cancellation Reason Codes
 - Define Transportation Service Level Codes
 - Define Stage Types
 - Define Movement Types
 - Define Stage Type Sequence for Movement Types
 - Define Allowed Transportation Modes for Stage Types
 - Define Shipping Types
 - Define Stage Profiles
 - Define Allowed AWB Types for Country
 - Forwarding Order
 - Forwarding Quotation

Display OF: Forwarding Order Export 210000315 Business Context View

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs Page: Forwarding Order

General Data Administrative Data Business Partner Document Flow **Charges** Internal Charges Profitability Notes Output Management Statuses

Invoicing Status: 01 Not Invoiced Calculation Date: 00:00:00
 Charge Calc. Status: 01 Not Calculated Manually-Changed Calc. Date:
 Total Amount in Local Currency: 0,000000 Exchange Rate Date:
 Total Amount in Document Currency: 0,000000
 Rounded Total Amount in Document C...: 0,000000
 Rounded Amount Difference in Docume...: 0,000000

Charge Items Charge Analysis Log

Insert Views Show/Hide Details Multiple Rates Show/Hide Access Sequence Reset Charges

Charge Hierarchy	E... Char Item	C...	Charg...	Charge...	Com...	C... Code Type	Logistica...	Rate...	R... Curre	M. Ra An	Ignore Calculation Rule	P... Unit	U...	Q...	Calculation Base	Calc...	C... Amou Curre
Sum				Sum													

General Data
 Administrative Data
 Business Partner
 Document Flow
 ✓ Charges
 Internal Charges
 Profitability
 Notes
 Output Management
 Statuses
 Locations and Dates/Times
 Attachments
Actual Route
 Ordered Route
 Custom Tab1
 HBL or HAWB

Actual Route can be determined based on INCOTERM being used- below you see 3 stages have been defined, each with its agreement party role.

Edit OF: Forwarding Order Export 2100000315 Business Context View

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs

Page: Forwarding Order

Locations and Dates/Times Attachments **Actual Route** Ordered Route Custom Tab1 HBL or HAWB

Stage Overview

Port of Loading (UN/LOCODE): YBRE Port of Discharge (UN/LOCODE):

Cargo Cut-Off Date:

Customs Documentation Cut-Off Date:

Dangerous Goods Documentation Cut-Off Date:

Documentation Cut-Off Date:

Transshipment Port (UN/LOCODE):

Change Hierarchy: Item View Insert Merge Schedule Freight Document Define Route Set OI Status

Stage Description	Delivery Time	Time Zone (Delivery)	Planning and Execution Organization	Organization Interaction Status (Description)	Rejection Reason Code (Description)	Agreement Party Role	Agreement Party	S... Status	Status Info
Route	:00:00	CST							
Stage 1	:00:00	CET				Prepaid Agreement Party		N...	
Stage 2	:00:00	CST				Ordering Party	325	N...	
Stage 3	:00:00	CST				Collect Agreement Party		N...	

3 choices available to select from for each stage, this configuration can be done as shown below
 Based on the Incoterm used in FWO - stages can have agreement party role.
 This is not mandatory.

Display IMG

Existing BC Sets BC Sets for Activity Activated BC Sets for Activity

Structure

- SAP NetWeaver
 - Cross-Application Components
 - Event Management
 - Financial Supply Chain Management
 - SCM Extended Warehouse Management
 - SAP Transportation Management
 - Transportation Management
 - Settings in SCM Basis
 - Master Data
 - Basic Functions
 - General Settings for Order Management
 - Forwarding Order Management
 - Define Number Range Intervals for Forwarding Order Management
 - Define Item Types for Forwarding Order Management
 - Define Package Type Codes
 - Define Default Agreement Party Roles for Stages
 - Define Cancellation Reason Codes
 - Define Transportation Service Level Codes
 - Define Stage Types

So incoterm CIF has 5 stages types and each stage type has agreement party role defined.

Change View "Define Default Agreement Party Typ

New Entries

Incoterm	Stage Type	Agmt Role
CFR	Pick-Up	Prepaid Agreement I
CFR	Pre-Carriage	Prepaid Agreement...
CFR	Main Carriage	Prepaid Agreement...
CFR	On-Carriage	Collect Agreement...
CFR	Delivery	Prepaid Agreement...
CIF	Pick-Up	Prepaid Agreement...
CIF	Pre-Carriage	Prepaid Agreement...
CIF	Main Carriage	Prepaid Agreement...
CIF	On-Carriage	Collect Agreement...
CIF	Delivery	Collect Agreement...
CIP	Pick-Up	Prepaid Agreement...
CIP	Pre-Carriage	Prepaid Agreement...
CIP	Main Carriage	Prepaid Agreement...
CIP	On-Carriage	Prepaid Agreement...
CIP	Delivery	Prepaid Agreement...
CPT	Pick-Up	Prepaid Agreement...
CPT	Pre-Carriage	Prepaid Agreement...
CPT	Main Carriage	Prepaid Agreement...
CPT	On-Carriage	Prepaid Agreement...

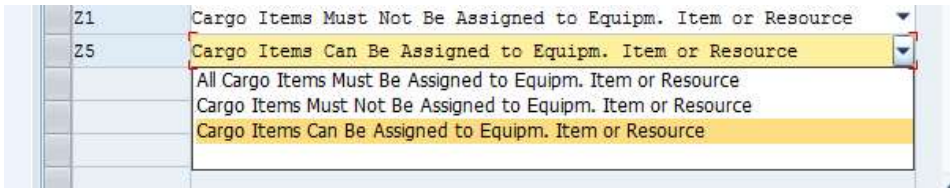
Shipping Type -->

Change View "Shipping Type": Overview

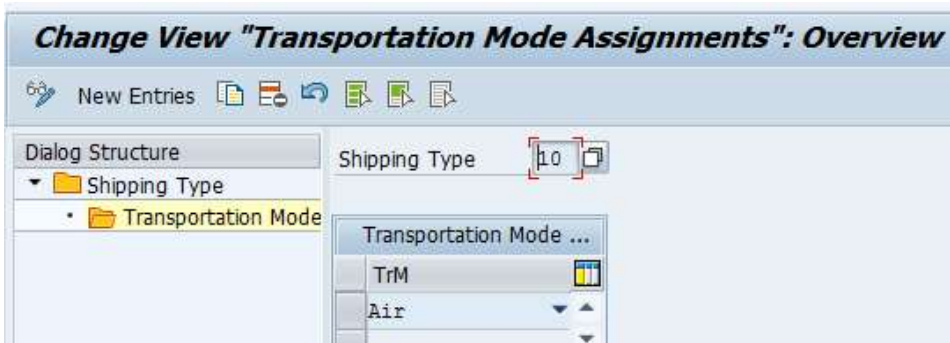
New Entries

Dialog Structure	
Shipping Type	Transportation Mode
Shipping Type	
Shpg Type	Item Asgmt
10	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
11	All Cargo Items Must Be Assigned to Equipm. Item or Resource
12	Cargo Items Can Be Assigned to Equipm. Item or Resource
17	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
18	All Cargo Items Must Be Assigned to Equipm. Item or Resource
2	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
20	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
3	All Cargo Items Must Be Assigned to Equipm. Item or Resource
30	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
31	All Cargo Items Must Be Assigned to Equipm. Item or Resource
32	All Cargo Items Must Be Assigned to Equipm. Item or Resource
4	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
21	Cargo Items Must Not Be Assigned to Equipm. Item or Resource
25	Cargo Items Can Be Assigned to Equipm. Item or Resource

Each Shipping Type can be assigned to an ASSIGNMENT TYPE (Choice of 3 as shown below)



Each Shipping Type HAS TO BE assigned to a TRANSPORTATION MODE



Movement Type --> Determines the ROUTING (Where-to-Where)

Change View "Define Movement Types": Overview

New Entries

Define Movement Types

Mov. Type	Description	Src. Loc.	Dest. Loc.
CC	CFS to CFS	<input type="checkbox"/>	<input type="checkbox"/>
CD	CFS to Door	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CDD	Door to Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CP	CFS to Port	<input type="checkbox"/>	<input type="checkbox"/>
DC	Door to CFS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DD	Door to Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
DP	Door to Port	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PC	Port to CFS	<input type="checkbox"/>	<input type="checkbox"/>
PD	Port to Door	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PDD	International Door to Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PP	Port to Port	<input type="checkbox"/>	<input type="checkbox"/>
YTD	Door to Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
YY	CFS to CFS	<input type="checkbox"/>	<input type="checkbox"/>
ZCD	CFS to Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ZDD	Door to Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ZTD	Hub to Hub	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ZTM	Door to Door (TM)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ZY	CFS to CFS	<input type="checkbox"/>	<input type="checkbox"/>

Source Location/ Destination Location - system automatically sets the (location of the shipper/location of the consignee) that you have entered as a business partner in a forwarding order or forwarding quotation as a default value for the (Source/Destination) locations of a forwarding order or forwarding quotation.

STAGE TYPE

Change View "Define Stage Types": Overview

New Entries

Define Stage Types

Stage Type	Description	Stage Cat.	Ins. Set
01	Pick-Up	Pre-Carriage	
02	Pre-Carriage	Pre-Carriage	
03	Main Carriage	Main Carriage	
04	On-Carriage	On-Carriage	
05	Delivery	On-Carriage	
06	Self pick up by consignee	Customer Pick-Up	

Customer Pick-Up dropdown menu options:

- Pre-Carriage
- Main Carriage
- On-Carriage
- Customer Self-Delivery
- Customer Pick-Up
- Transfer (Delivery or Pick-Up)

Allowed Transportation Modes for Stage Types

Change View "Define Allowed Transportation Mode for Stage Type": Overv

New Entries

Define Allowed Transportation Mode for ...

Stage Type	Transp...	Dflt	TrM
01	01	<input checked="" type="checkbox"/>	
01	02	<input type="checkbox"/>	
02	01	<input checked="" type="checkbox"/>	
02	02	<input type="checkbox"/>	
02	04	<input type="checkbox"/>	
03	01	<input type="checkbox"/>	
03	02	<input type="checkbox"/>	
03	03	<input type="checkbox"/>	
03	04	<input type="checkbox"/>	
03	05	<input type="checkbox"/>	
04	01	<input checked="" type="checkbox"/>	
04	02	<input type="checkbox"/>	
04	04	<input type="checkbox"/>	
05	01	<input checked="" type="checkbox"/>	
05	02	<input type="checkbox"/>	

Default Transportation Mode CHECKBOX can be checked if needed

Stage Type 01 (Pick-UP) can use transportation mode 01 and 02 only whereas transportation mode 01 is set as default for Stage type 01

01 - Road, 01 - Rail, 03 - Sea, etc...

Define Stage Type Sequence for Movement Type

Change View "Define Stage Type Sequence for Movement Type": Overview

New Entries

Mov. Type	Seq. No.	Stage Type	StageTypeOcc	StageProp.	Det. Rule	Set. Rule
CC	1	01	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
CC	2	02	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
CC	3	03	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
CDD	1	05	Stage type must occur at le...	<input checked="" type="checkbox"/>	Never Relevant for Planning	Not Relevant for Internal S...
DD	1	01	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	2	02	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	3	03	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	4	04	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	5	05	Stage type can occur in any...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
PDD	1	01	Stage type can occur in any...	<input checked="" type="checkbox"/>	Never Relevant for Planning	Not Relevant for Internal S...
PDD	2	02	Stage type can occur in any...	<input type="checkbox"/>	Always Relevant for Planning	Not Relevant for Internal S...
PDD	3	03	Stage type can occur in any...	<input checked="" type="checkbox"/>	Always Relevant for Planning	Not Relevant for Internal S...
PDD	4	04	Stage type can occur in any...	<input checked="" type="checkbox"/>	Always Relevant for Planning	Not Relevant for Internal S...
PDD	5	05	Stage type can occur in any...	<input checked="" type="checkbox"/>	Never Relevant for Planning	Not Relevant for Internal S...
YTD	1	01	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
YTD	2	02	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
YTD	3	03	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
YTD	4	04	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
YTD	5	05	Stage type can occur in any...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...

Let's concentrate on the subset

CDD	1	05	Stage type must occur at le...	<input checked="" type="checkbox"/>	Never Relevant for Planning	Not Relevant for Internal S...
DD	1	01	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	2	02	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	3	03	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	4	04	Stage type can occur in any...	<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
DD	5	05	Stage type must occur at le...	<input checked="" type="checkbox"/>	Not Pl.-Rel. if Ex. and Sal...	Not Relevant for Internal S...
PDD	1	01	Stage type can occur in any...	<input checked="" type="checkbox"/>	Never Relevant for Planning	Not Relevant for Internal S...

STAGE PROP checkbox - Is checked for MANDATORY STAGE TYPES that SHOULD Occur when respective Movement Type is selected

So stage type 01, 03, 05 is mandatory and 02, 04 can be elective.

Options for Determination Rule

This is to determine whether Stage is ready for planning or only statistical. In the FWO, every stage can have a PLANNING & EXECUTION ORGANIZATION UNIT (PEOU) value- in the customization of this org. unit.

PEOU belongs to Germany and Sales Org belongs to US then 1st option is not valid and so on.....

<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sales Org. Belong to Diff. Comp.Orgs	N
<input type="checkbox"/>	Not Pl.-Rel. if Ex. and Sales Org. Belong to Diff. Countries	N
<input type="checkbox"/>	Not Pl.-Rel. if Ex. Org. Is Import or Export Org. in FWO	N
<input type="checkbox"/>	Never Relevant for Planning	N
<input type="checkbox"/>	Always Relevant for Planning	N

Options for Settlement Rule

Specifies at what point in time, settlement can take place

Internal Settlement - LSP has 2 entities involved in the transportation belonging to 2 different company codes (Germany, USA) then Internal Settlement is used.

Not Relevant for Internal Settlement
 Ready for Execution
 In Execution
 Executed
 Uplift Conf./Shipped on Board/Arr. At dest. Port or Airport
 FO/FB Created

Line Items -->

Display OF: Forwarding Order Export 2100000315 Business Context Viewer

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs

Page: Forwarding Order

Gross Weight: 100 KG
 Gross Volume:
 Pieces: 1 PC
 Number of TEU:

Items

Item Hierarchy	It...	Item Type	Z Flag	Resource	Container	Equipment Group	Equipment Type	Empty Provisioning	Em... Return	Package	Package...	Product	Qt
Container	10	CN	<input type="checkbox"/>			CN	22G1						
Package	20	PKG	<input type="checkbox"/>										
Product	30	PRD	<input type="checkbox"/>									PROD-01	

Item Hierarchy - Container has Package which has a product
 This depends upon what hierarchy does Business follow

When you select a line item and double click - below screen appears

Details: Container 10

Container Details Notes Container Seals **Document References** Customs Discrepancies Commodity Codes

Business Transaction Document... Document T... Document Type for Business T... Item Business... BTD Item Type Code (Desc.) Business Tran... Issuing Party of Bus. Trans. Do...

i No data available

Following document reference types are available

Search: Document Type for Business Transaction

Results List: 236 results found for Document Type for Business Transaction

Document Type	Description
001	Purchase Order
002	Sales Contract
003	Quote
004	Invoice
005	Credit Memo
100	Production Task
101	Product Tax Declaration
103	Project Cost Estimate
104	Planning View of Inventory
105	SAP Support Request

Business Partner --

Display OF: Forwarding Order Export 2100000315 Business Context View

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs Page: Forwarding Order

General Data Administrative Data **Business Partner** Document Flow Charges Internal Charges Profitability Notes Output Management Statuses

Check Credit Limit

Party Role	Business Partner	De... Address:	Name	Street/House Number	House No.	Postal Code/City	City	R...	Region (Desc.)	Co...	Country (D)
Ordering Party	325	<input type="checkbox"/>								DE	Germany
Shipper	325	<input type="checkbox"/>								DE	Germany
Consignee	OAF-CU-01	<input type="checkbox"/>	Wabel Electronics							JP	Japan

Printing Address

Printing Address Text Type:

Printing Address:

Document Flow Tab is skipped - it is usual document flow that we even see in ECC

Charges

This is related to Charge Management config - explained later

Display OF: Forwarding Order Export 2100000315 Business Context View

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs

Page: Forwarding Order

General Data Administrative Data Business Partner Document Flow **Charges** Internal Charges Profitability Notes Output Management Statuses

Invoicing Status: 01 Not Invoiced Calculation Date: 00:00:00 INDIA
Charge Calc. Status: 01 Not Calculated Manually-Changed Calc. Date:
Total Amount in Local Currency: 0,000000 Exchange Rate Date:
Total Amount in Document Currency: 0,000000
Rounded Total Amount in Document C...: 0,000000
Rounded Amount Difference in Docume...: 0,000000

Charge Items Charge Analysis Log

Charge Hierarchy	E... Charg Item	C... Charg...	Charge...	Com...	C... Code Type	Logistica...	Rate...	R... Curre	M. Ra	Ignore Calculation Rule	P... Unit	U...	Q...	Calculation Base	Calc...	C... Amou Curre	Li... Numt	R... Line No.	R... Line No.	Fin
Sum	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sum						<input type="checkbox"/>	<input type="checkbox"/>						0	0	0		

PROFITABILITY - read only

Compares expected revenue against the cost

Display OF: Forwarding Order Export 2100000315 Business Context View

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs

Page: Forwarding Order

General Data Administrative Data Business Partner Document Flow Charges Internal Charges **Profitability** Notes Output Management Statuses

Planned Profitability **Expected Profitability**

Profit: Profit Percentage: 0,00 Profit: Profit Percentage: 0,00
Revenue: Revenue:
Cost: Cost:

Profitability Status

Profitability Status:

Profitability Details

Charge Category	Charge Type	Planned Cost	Planned Revenue	Planned Profit Amount	Planned Profit Perce...	Pl...	Expected Cost	Expected f
No data available								

Revenue - Charge Calculation FWO

Cost - Charge Calculation Freight Order

Planned Profitability - Difference between Freight Order & Forwarding Order

Expected Profitability - Difference between Freight Settlement & Forwarding Settlement

Notes - to Maintain any notes

Output Management - PPF concept is used (will be covered later).

Change View "Define Item Type": Details

New Entries     

Item Type

Define Item Type

Item Type Descr.

Item Category

Text Schema

DG UI Profile Name

Defaults for Container/Passive Vehicle

Equipment Group

Equipment Type

Defaults for Quantities and UOMs

One Piece Only

Volume Summation

Default Weight UoM

Default Volume UoM

Dflt Quantity UoM

Default Alt. Qty UoM





Item Type - Container

Text Schema - is defined whenever the item has any Node under it

Equipment Type/Group - Specific for container ...etc

Weight, Volume, etc...of container

Change View "Define Item Type": Details

New Entries     

Item Type

Define Item Type

Item Type Descr.

Item Category

Package Type

Text Schema

DG UI Profile Name

Defaults for Container/Passive Vehicle

Check Overdim.Cargo

Equipment Group

Equipment Type

Defaults for Quantities and UOMs

One Piece Only

Volume Summation

Default Weight UoM






Default Volume UoM

Dflt Quantity UoM

Default Alt. Qty UoM

If you see - Package does not need any type of Equipment Type or Group
ITEM TYPE - PACKAGE (Important)

Change View "Define Item Type": Details

New Entries     

Item Type

Define Item Type

Item Type Descr.

Item Category

Product Check

Text Schema

DG UI Profile Name

Defaults for Quantities and UOMs

One Piece Only

Volume Summation

Default Weight UoM

































Default Volume UoM

Dft Quantity UoM

Default Alt. Qty UoM

The moment we select ITEM TYPE - Product; Equipment Type/Group option itself disappears

Assign Item Types to Forwarding Order Type

- ▼ SAP Transportation Management
 - ▼ Transportation Management
 - ▶ Settings in SCM Basis
 - ▶ Master Data
 - ▶ Basic Functions
 - ▶ General Settings for Order Management
 - ▼ Forwarding Order Management
 -   Define Number Range Intervals for Forwarding Order Management
 -   Define Item Types for Forwarding Order Management
 -   Define Package Type Codes
 -   Define Default Agreement Party Roles for Stages
 -   Define Cancellation Reason Codes
 -   Define Transportation Service Level Codes
 -   Define Stage Types
 -   Define Movement Types
 -   Define Stage Type Sequence for Movement Types
 -   Define Allowed Transportation Modes for Stage Types
 -   Define Shipping Types
 -   Define Stage Profiles
 -   Define Allowed AWB Types for Country
 - ▼ Forwarding Order
 -   Define Forwarding Order Types
 -   Assign Item Types to Forwarding Order Types
 -   Define Default Freight Document Types for Stages

Change View "Assign Item Types to Forwarding Order Types": Overview

New Entries      

FWO Type	Item Type	Item Cat.	Ins. Set	Initm
CFWO	CN	Container		<input checked="" type="checkbox"/>
CFWO	PRD	Product		<input type="checkbox"/>
CU01	CN	Container		<input checked="" type="checkbox"/>
FW11	CN	Container		<input type="checkbox"/>
FW11	PKG	Package		<input type="checkbox"/>
FW11	PRD	Product		<input type="checkbox"/>
FW11	SRV	Service		<input type="checkbox"/>
FWFE	CN	Container		<input type="checkbox"/>
FWFE	PKG	Package		<input type="checkbox"/>
FWFE	PRD	Product		<input type="checkbox"/>
FWFE	SRV	Service		<input type="checkbox"/>
FWFI	CN	Container		<input type="checkbox"/>
FWFI	PKG	Package		<input type="checkbox"/>
FWFI	PRD	Product		<input type="checkbox"/>
FWLE	PKG	Package		<input type="checkbox"/>
FWLE	PRD	Product		<input type="checkbox"/>
FWLI	PKG	Package		<input type="checkbox"/>
FWLI	PRD	Product		<input type="checkbox"/>
FWO	CN	Container		<input type="checkbox"/>

Checkbox - INIT ITEM - system enters an item of this type automatically when you manually create a forwarding order or forwarding quotation, provided the item category and the shipping type allow this.

ITEM LEVEL DETAILS

Details: Container 10

Container Details | Notes | Container Seals | Document References | Customs | Discrepancies | Commodity Codes

General Data

Item Type:

Description:

Container from Forwarding Order:

Resource:

Equipment Group/Type from FWO: 20' STD, vents in upper part of cargo sp

Container from Freight Document:

Equipment Group/Type from FD: 20' STD, vents in upper part of cargo sp

Shipper-Owned Container:

Length/Width/Height:

Interior Length/Width/Height:

Origin Country Code:

Actual: As Ordered

Discrepancy:

Clarification Required For:

Cargo Receipt Status:

Empty Provisioning:

Empty Return:

Multiple Freight Units:

Damaged Item: Actual: As Ordered

Ordered Quantities

Quantity: PC

Gross Weight: KG

Gross Volume:

Net Weight: KG

Tare Weight:

Number of TEU: TEU

Shipper's Load and Count:

Max. Payload Weight: KG

Cubic Capacity: M3

Actual Quantities

Actual Quantity: PC

Actual Gross Weight: KG

Actual Gross Volume: M3

Actual Net Weight: KG

Actual Tare Weight:

Confirmed Quantities

Quantity:

Container Details are maintained at the item level

Container Seals - if SEALING of container is involved (Stage Wise) then all the SEAL details are maintained here

Notes - Specific to line items

Document Reference - already discussed

Customs - customs declaration information (SAP GTS is maintained)

Commodity Codes - Same as ECC

Details: Container 10

Container Details | Notes | **Container Seals** | Document References | Customs | Discrepancies | Commodity Codes

Seal Number	Party Role

Party Role

- Ordering Party
- Bill-To Party
- Import Organization
- Export Organization
- Invoicing Party
- Carrier
- Shipping Portal
- Goods Buyer
- Goods Seller

Location & Date/Times

Display Forwarding Order for TM 210000266

Save | Cancel | Edit | Follow Up | Check | Confirm | Calculate Charges | Cancel Document | Customs

Page: Forwarding Order

Locations and Dates/Times | Attachments | Actual Route | Ordered Route | Custom Tab1 | HBL or HAWB

Source		Destination	
Location:	DE_01_04 shipping point	Location:	US_01_04 consignee location
UN/LOCODE:		UN/LOCODE:	
Pick-Up Date:	08.01.2017 00:00:00 CET	Delivery Date:	12.01.2017 00:00:00 CST
Confirmed Pick-Up Date:	00:00:00 CET	Confirmed Delivery Date:	00:00:00 CST

Address		Address	
Street/House Number:		Street/House Number:	
Postal Code/City:		Postal Code/City:	
Region:		Region:	
Country:	DE Germany	Country:	US USA

If the (Source/Destination) Location has been assigned a Business Partner while the location was being created - then the system considers those business partners as (Shipper/Consignee) Respectively when those locations are entered

Address & UN/LOCODE comes from the Location Master data

Ordered Route

Display Forwarding Order for TM 210000266 Business Context Viewer

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs

Page: Forwarding Order

Locations and Dates/Times Attachments **Ordered Route** Custom Tab1 HBL or HAWB

Stage Description	Stage Type	Transportation Mode	Source Location	City (Source Location)	UNL... (Source Location)	Pick-Up Date	Pick-Up Time	Time Zone (Pick-Up)	Destination Location	City (De: Location)
Route		03 (Sea)	DE_01_04			08.01.2017	00:00:00	CET	US_01_04	
Stage 1		03 (Sea)	DE_01_04			08.01.2017	00:00:00	CET	US_01_04	

Values populated in previous LOCATION/DATE/TIMES tab - is coming here in this tab

It is possible to enter Agreement Party Role, Carrier details, etc here in this tab, But it is recommended to enter those details in ACTUAL ROUTE tab.

Actual Route

Display Forwarding Order for TM 210000266 Business Context Viewer

Save Cancel Edit Follow Up Check Confirm Calculate Charges Cancel Document Customs

Page: Forwarding Order

Locations and Dates/Times Attachments **Actual Route** Ordered Route Custom Tab1 HBL or HAWB

Stage Overview

Port of Loading (UN/LOCODE): ZBRE Port of Discharge (UN/LOCODE):

Cargo Cut-Off Date:

Customs Documentation Cut-Off Date:

Dangerous Goods Documentation Cut-Off Date:

Documentation Cut-Off Date:

Transshipment Port (UN/LOCODE):

Stage Description	Stage Type	Transportation Mode	Source Location	UNL... (Source Location)	City (Source Location)	Pick-Up Date	Pick-Up Time	Time Zone (Pick-Up)	Destination Location	L (L)
Route			DE_01_04			24.01.2017	11:00:00	CET	US_01_04	
Stage 1	01 (Pick-Up)	01 (Road)	DE_01_04			24.01.2017	11:00:00	CET	H_DE01_04	Z
Stage 2	03 (Main Carriage)	03 (Sea)	H_DE01_04	ZBRE		09.01.2017	00:00:00	CET	H_US01_04	
Stage 3	05 (Delivery)	01 (Road)	H_US01_04				00:00:00	CST	US_01_04	

Stage Description	UNL... (Destination Location)	City (Destination Location)	Delivery Date	Delivery Time	Time Zone (Delivery)	Planning and Execution Organization	Organization Interaction Status (Description)	Rejection Reason Code (Description)	Agreement Party Role
Route			12.01.2017	00:00:00	CST				
Stage 1	ZBRE		17.01.2017	17:46:24	CET				
Stage 2			10.01.2017	00:00:00	CST				
Stage 3			12.01.2017	00:00:00	CST				

Stage Description	Element	Stage Status	Status Info	Vessel	Voyage	C... Activi	Means of Transport	Carrier	SCAC	Document	Carrier's Bill of Lading Number
Route										Freight Unit 1406	
Stage 1		Arrived	H_DE01_04 () Arrived...					354		Freight Order 2200000102	
Stage 2		Not Planned									
Stage 3		Not Planned									

The Source Location of 1st Stage and Destination Location of last stage will always be READ ONLY as they are based on the

Source/Destination Location entered on the LOCATIONS tab.

Pick-Up Date/Time is entered manually here

PEOU can also be entered here

Agreement Party Role can also be entered here

Stage Status is updated automatically by system - no manual intervention

A freight Order/Booking can be created from this tab collectively or individually.

A Schedule can be assigned to a stage

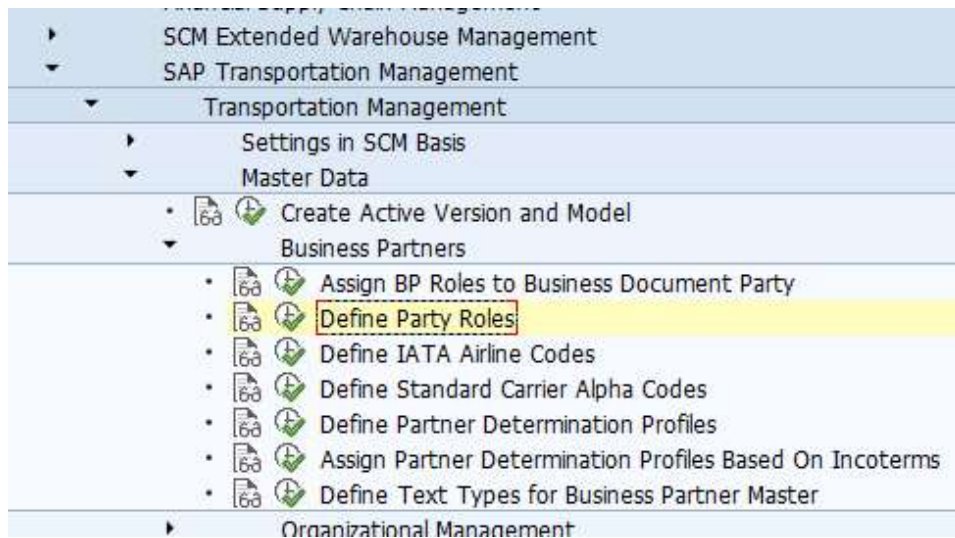
An additional stage can be inserted

Two or more stage can be merged as well

Intermediate (Unplanned) stage can also be inserted here

FWO can also be cancelled from here

Define Party Roles



Change View "Party Role Codes": Overview

New Entries

Role Code	Party Role Descr.	RoadBPTxt	OceanBPTxt	AirBPT.
1	Ordering Party			
10	Bill-To Party			
101	Import Organization			
105	Export Organization			
11	Invoicing Party			
12	Carrier			
14	Shipping Portal			
200	Goods Buyer			
201	Goods Seller			
203	Notify Party			
5	Consignee			
6	Shipper			
8	Payer			
9	Payee			
TM001	Additional Notify Party			
TM002	Prepaid Agreement Party			
TM003	Prepaid Bill-to Party			
TM004	Prepaid Payer			
TM005	Collect Agreement Party			

Define Partner Determination Profile

SAP Transportation Management

- Transportation Management
 - Settings in SCM Basis
 - Master Data
 - Create Active Version and Model
 - Business Partners
 - Assign BP Roles to Business Document Party
 - Define Party Roles
 - Define IATA Airline Codes
 - Define Standard Carrier Alpha Codes
 - Define Partner Determination Profiles
 - Assign Partner Determination Profiles Based On Incoterms
 - Define Text Types for Business Partner Master

Change View "Define Partner Determination Profiles": Overview

New Entries

Dialog Structure

- Define Partner Determination Profiles
 - Assign Party Roles

Part. Det. Prof.	Description
TEST	test
YPP	test
ZAK	kit - Partner DeterminationProfile

Change View "Assign Party Roles": Overview

New Entries

Dialog Structure

- Define Partner Determination
 - Assign Party Roles

Part. Det. Prof. ZAK

Description Ankt - Partner DeterminationProfile

Assign Party Roles						
Party Role	Party Role Desc.	Sequence	Edit Level	Srcr Type	Srcr Role	Source Role Description
1	Ordering Party	1	Mandatory	Party Role		
10	Bill-To Party	4	Choose from List	BP Relationship	1	Ordering Party
5	Consignee	2	Mandatory	Party Role		
6	Shipper	3	Mandatory	Party Role		

Edit Level -

- **Optional**
The system adds the party role, which you can change or delete.
- **Mandatory**
The system adds the party role, which you cannot change or delete.
- **Choose from List**
The system does not add the party role; instead you can add the party role from a list. You can change or delete the party role.

Source Type - method the system uses to automatically determine the business partner.

- If we enter **Party Role**, the system copies the business partner from the *Source Role* to the party role.
- If we enter **BP Relationship**, the system takes the following steps:
 1. Looks up the business partner associated with the source role in the business partner master data
 2. Checks the *Customer Partner Determination* tab page for the party role for forwarding quotations, forwarding orders, and forwarding settlements. Checks the *Vendor Partner Determination* tab page for the party role for freight bookings, freight orders, and freight settlements
 3. Checks that the sales or purchasing organization associated with the party role matches the sales or purchasing organization specified on the *General Data* tab page of the relevant business document
 4. Assigns the business partner associated with the party role to the party role in the business document
- If we enter **Business Add-In**, the system uses the logic we have defined in the Business Add-In *BAdI*
- If we enter **Business Partner**, the system assigns the business partner we have specified in Customizing to the party role in the application.

Not Modifiable CheckBox - If we select this checkbox, we cannot change the address of the business partner in the application.

If we deselect this checkbox, we can select the *Deviating Address* checkbox in the application and change the address.

Assign Partner Determination Based on Incoterms

▼	SAP Transportation Management
▼	Transportation Management
▶	Settings in SCM Basis
▼	Master Data
•	Create Active Version and Model
▼	Business Partners
•	Assign BP Roles to Business Document Party
•	Define Party Roles
•	Define IATA Airline Codes
•	Define Standard Carrier Alpha Codes
•	Define Partner Determination Profiles
•	Assign Partner Determination Profiles Based On Incoterms
•	Define Text Types for Business Partner Master

Change View "Assign Profiles Based On Incoterms": Overview

New Entries

FWO Type	Incoterm	Part. Det. Prof.
OF01	FOB	TEST

Define FWO Types

SAP Transportation Management







- Transportation Management
 - Settings in SCM Basis
 - Master Data
 - Basic Functions
 - General Settings for Order Management
 - Forwarding Order Management
 - Define Number Range Intervals for Forwarding Order Management
 - Define Item Types for Forwarding Order Management
 - Define Package Type Codes
 - Define Default Agreement Party Roles for Stages
 - Define Cancellation Reason Codes
 - Define Transportation Service Level Codes
 - Define Stage Types
 - Define Movement Types
 - Define Stage Type Sequence for Movement Types
 - Define Allowed Transportation Modes for Stage Types
 - Define Shipping Types
 - Define Stage Profiles
 - Define Allowed AWB Types for Country
 - Forwarding Order
 - Define Forwarding Order Types**
 - Assign Item Types to Forwarding Order Types
 - Define Default Freight Document Types for Stages
 - Forwarding Quotation
 - Freight Order Management

Change View "Forwarding Order Types": Overview

New Entries

FWO Type	Auto.Conf.	DfltCm Typ	ApprovalWF	EM Active	Event Manager	EM Web Interface Tra...	Build FUs	ChargeCalc	Autom. CC	AutIntChar	IntCharCal	Event Profile	Auto.Block
CFWO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
CU01	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
C_PO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
DFWO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FW11	<input checked="" type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>
FWDS	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FWFE	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FWFI	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FWLE	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FWLI	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FWO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
FWIR	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
OF01	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
OF14	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
PFWO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
TMS1	<input type="checkbox"/>	Based on Planning Data	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
WFWO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
YFWO	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
YOF1	<input type="checkbox"/>	Based on Order Data	<input type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
ZDUS	<input type="checkbox"/>	Based on Order Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>

Change View "Forwarding Order Types": Details

New Entries      

Forwarding Order Type: FWO

Default Type for Category

Number Range Settings

Number Range Interval: 03 Template No. Range Interval: 04

Process Control / Business Object Mode

Same Locations and BPs Automatic Block
 BW Relevance Automatic Freight Unit Building
 Enable Approval Workflow Track Document Changes

Transportation Mode: Shipping Type: Traffic Direction:

Air Cargo Settings

AWB Type:
 Enable Air Cargo Security Check Copy Air Cargo Security Data

Stage Determination: Stage Determination by Movement Type
Stage Profile Condition: Stage Profile:

Charge Calculation and Settlement Document Settings

Enable Charge Calculation Automatic Charge Calculation
 Enable Internal Charge Calculation Automatic Internal Charge Calculation

Event Profile:

Enable Forwarding Settlement Default FWSD Type: 001
 Enable Internal Settlement Default ISD Type:

Settlement Terms: User Chooses on FWO Screen (Incoterm or Freig...
 Enable Credit Limit Check Action when CLC fails: 02

Shipping Type/Transportation Mode/Traffic Direction can be defaulted

- a) Same locations & BPs** - When we select this checkbox, the following data must be the same on the header and item level of an FWO or FWQ:
- Shipper
 - Consignee
 - Source location
 - Destination location
- **BW Relevance** - If you select this checkbox, the system extracts data from documents of this type (for which you have activated BW extraction) to the SAP NetWeaver BW system.
- c. Enable Approval Workflow** - Indicates that the approval workflow is activated. Used to trigger a workflow to get approval for further processing of business documents and master data such as agreements and rate tables.
- d. Automatic Block** - Specifies if business documents of forwarding order management are blocked automatically. Only special creation channels are considered. If this parameter is enabled, business documents that are created by EDI will be blocked.
- e. Automatic Freight Unit Building** - Specifies if freight unit building is performed automatically after the system saves the business document. It is recommend that you activate automatic freight unit building
- f. Track Document Changes** -Any changes to the document are tracked
- g. AWB Type**- this attribute specifies how forwarding orders (FWOs) are assigned to freight bookings (FBs). The AWB type applies to the main carriage of a route only.
- **Back-to-Back**: When you define this AWB type for the FWO, the data is transferred to the FB, and the FB is also marked as **Back-to-Back**. This means that you cannot assign another FWO to this FB.
 - **Direct Shipment**: As with **Back-to-Back**, you can assign only one FWO to one FB. However, the system does not create an HAWB(house air waybills). It creates only one air waybill, that is, the MAWB(master air waybills). The FB is created automatically from the FWO when you create an FWO of the category **Direct Shipment** using the **Direct Shipment** UI. If you cancel the FWO, the FB is also canceled automatically.

- **Co-Load:** This option is currently not supported.
- **Normal Consolidation:** You can assign several MAWBs or FBs to one HAWB or FWO and vice versa. This means that there are no restrictions concerning consolidation of FWOs to FBs.

h. Enable Air Cargo Security Check - Specifies whether air cargo security must be checked for a business document.

If you enable the air cargo security check, air cargo security data must be entered in the relevant business documents (that is, forwarding orders, freight units, and air freight bookings). In addition, automatic checks are activated that prevent further processing if data is missing or inconsistent.

The following data is entered in the forwarding order by the user or the system:

- The [regulated agent code](#) for the sales organization is displayed on the *General Data* tab page.
- The *Air Cargo Security* tab page in the forwarding order contains the following data:
 - Air cargo security data for the cargo handover party: This comprises the [security status](#) of the cargo handover party, the [cargo handover party code](#), and the [expiry date](#) of the security status.
 - Known shipper details: This shows the [date](#) as of which you have known the shipper and whether you have [known the shipper long enough](#).
 - [Air cargo security status](#) and [country-specific security status](#)

• **Copy Air Cargo Security Data-** Specifies whether air cargo security (ACS) data is copied to the document.

If you select this checkbox, the system copies the following data from the master data for the pick-up location or business partner to the document and displays it on the *Air Cargo Security* tab page:

- [Security Status of Cargo Handover Party](#)
- [Cargo Handover Party Code](#)
- [Expiry Date](#)

• **Enable Charge/(Internal Charge) Calculation** - Specifies whether the charge/(internal charge) calculation is active for forwarding order business documents.

k. Automatic Charge/(Internal Charge) Calculation - Specifies whether (internal) transportation charges for business documents involving forwarding orders or forwarding quotations are calculated automatically.

l. Enable Forwarding/Internal Settlement - specifies whether the (Internal)settlement process is active for forwarding orders.

m. Default ISD/FWSD Type- Specifies the type of the internal/forwarding settlement document (ISD/FWSD type) that is created from the forwarding order

n. Credit Limit Check - if enabled, which action the system takes if the credit limit check fails.

The following options are available:

- The result of the credit limit check process is used as a warning only. No further action is taken by the system.
- The forwarding order is blocked by the system for follow-up processes.

• **Stage Determination-** Defines whether the system is to create freight unit stages based on the movement type or the stage profile.

Change View "Forwarding Order Types": Details

New Entries

Enable Compliance Check
 Enable Format Checks
 Enable Waybill Stock
 Automatic Confirmation
 EM Integration Active
 Dynamic Determination of Output Profile
 Enable Instructions
 Dangerous Goods Profile
 Text Schema: FWOHDR
 Residence Period
 Accept Transp. Prop.: Not Defined
 Page Layout
 Propagate Changes: Synchronous Propagation of Changes, Fallback to Asynchronous
 Customs Handling: Automatic
 Import FWO Type
 Restrict Processing

HBL or HAWB Strategy
 Default Conf. Type: 0
 Event Manager
 EM Web Interface Transaction
 Output Profile: /SCMIMS/TRQ_FWO
 Add. Output Profile: /SCMIMS/TRQ_FWO_PRINT
 Instruction Set
 Partner Determination Profile
 Text Type: NOTE

Default Values

Default Weight UoM: KG Default Volume UoM: M3 Default Pieces UoM: PC Default Alt. Qty UoM:
 FU Building Rule Condition
 Freight Unit Building Rule: TMSOL_FUB_FCL
 Planning Profile
 Web Dynpro Configuration

p. Enable Way Bill Stock - Specifies whether the waybill stock function is available for forwarding orders.

You have the following options for enabling or disabling the waybill stock function:

- If you select this checkbox, the system enables the waybill stock function. This provides you with the following features:
 - If the waybill number range is marked as an external number range, you can enter a waybill number manually on the user interface (UI) of a forwarding order. A waybill number includes a house air waybill (HAWB) number for air forwarding orders, or a house bill of lading (HBL) number for ocean forwarding orders. The system validates the waybill numbers you enter against the waybill stock.
 - If the waybill number range is marked as an internal number range, you can draw a waybill number from the waybill stock.

You can also specify a strategy for building HAWBs or HBLs. If you do not specify a strategy, the system uses the default strategy.

- If you deselect this checkbox, you can only enter a waybill number on the forwarding order UI manually. You cannot draw the next number from the waybill stock. The system does not validate manually entered waybill numbers against the waybill stock.

• **Automatic Confirmation** - Specifies if forwarding orders are confirmed automatically.

If you select this checkbox, forwarding orders of this type will be confirmed automatically after creation. This means that if you save a forwarding order of this type, it is automatically confirmed and the confirmation will be sent to the ordering party.

In this Customizing activity, you can also specify the default type of confirmation. You can specify whether the forwarding order of this type is confirmed based on the data of a planning run or based on the data communicated by the ordering party.

P	Based on Planning Data
O	Based on Order Data
M	Confirm Manually

r. Text Schema - You can select a text schema that you have defined in Customizing. The text schema determines the types of text that you can choose for creating notes on the *Notes* tab page of the business document UI in SAP NetWeaver Business Client. It also determines certain attributes of the text for a note, for

example, if a note is mandatory for this type of business document, or whether or not a note text is language-dependent.

- s. **Residence Period** - Describes the minimum time in days between the completion date of a business object instance and the date the business object instance is allowed to be archived. Typically, the completion date is the date when the lifecycle status has been set to *Completed* or *Canceled*
- t. **Accept Transport Proposal**- When creating or editing a forwarding order in SAP NetWeaver Business Client, you can let the system determine a transportation route. In doing so, the system determines several alternative routes for each freight unit, one of which you can then accept.
In this field, you have the following options. Thus, you can specify if you have the corresponding options on the forwarding order UI:
 - *Save Route Only*: Only the freight units are saved when the system takes over the route that you have chosen.
 - *Save Route and Freight Documents*: Freight units and freight documents (freight orders or freight bookings) are saved by the system.
 - *Not Defined*: You have both options on the forwarding order UI.
- **Propagate Changes**- Defines the type of the change propagation.
You use the different types to specify the behavior of the business documents with respect to the propagation of changes to successor business documents.
You can define the following types of change propagation:
 - Synchronous
The system propagates changes to the successor documents immediately after the change of the business documents. In case of lock issues, the changes cannot be propagated to successor documents and the system issues an error message.
 - Asynchronous
The system propagates changes to the successor documents after a specific time. In case of lock issues, the propagation is restarted automatically after a specific time until the changes to the successor documents can be propagated successfully.
 - Synchronous with fallback to asynchronous propagation of changes
The system first tries to propagate the changes to the successor documents immediately after the change of the business documents. In case of lock issues, the changes are propagated asynchronously.

Asynchronous change propagation

You create a forwarding order with freight unit 1 and freight unit 2. The life cycle status is *Planned*. You can open the forwarding order document and change the items within both of the freight units, for example due to dangerous goods error messages. In case the freight units are processed in another process, the system locks them. However, you still can make your changes. The system later processes the changes in the background and updates the freight units.

- **Restrict Processing**- Defines whether the forwarding order is relevant for processes such as planning and execution.
You have the following options:
 - *Restricted Processing*: The system automatically blocks planning and execution for the forwarding order.
 - *Unrestricted Processing*: The system does not block any processes.