

## Wave Management

Wave management is the process by which you can combine items or split items from warehouse requests for outbound deliveries into waves, to improve picking for multiple deliveries in the warehouse. Warehouse requests generated for outbound delivery orders can be combined into waves based on **customer, route, activity area**, and so on, and you can plan the creation of warehouse picking tasks for these warehouse requests simultaneously. These tasks are then grouped into warehouse orders that are assigned to resources, which helps optimize the picking process.

Waves can be created manually or automatically depending on Customizing settings. You can create waves manually using **Transaction /N/SCWM/WAVE** or by navigating to **SAP Easy Access** path:

**Logistics→SCM Extended Warehouse Management→Extended Warehouse Management→Work Scheduling→Wave Management →Maintain Wave→Create.**

Figure:1 Shows how various warehouse request items belonging to different warehouse requests are grouped together in **wave 1** and **wave 2** differentiate because of Activity Area.

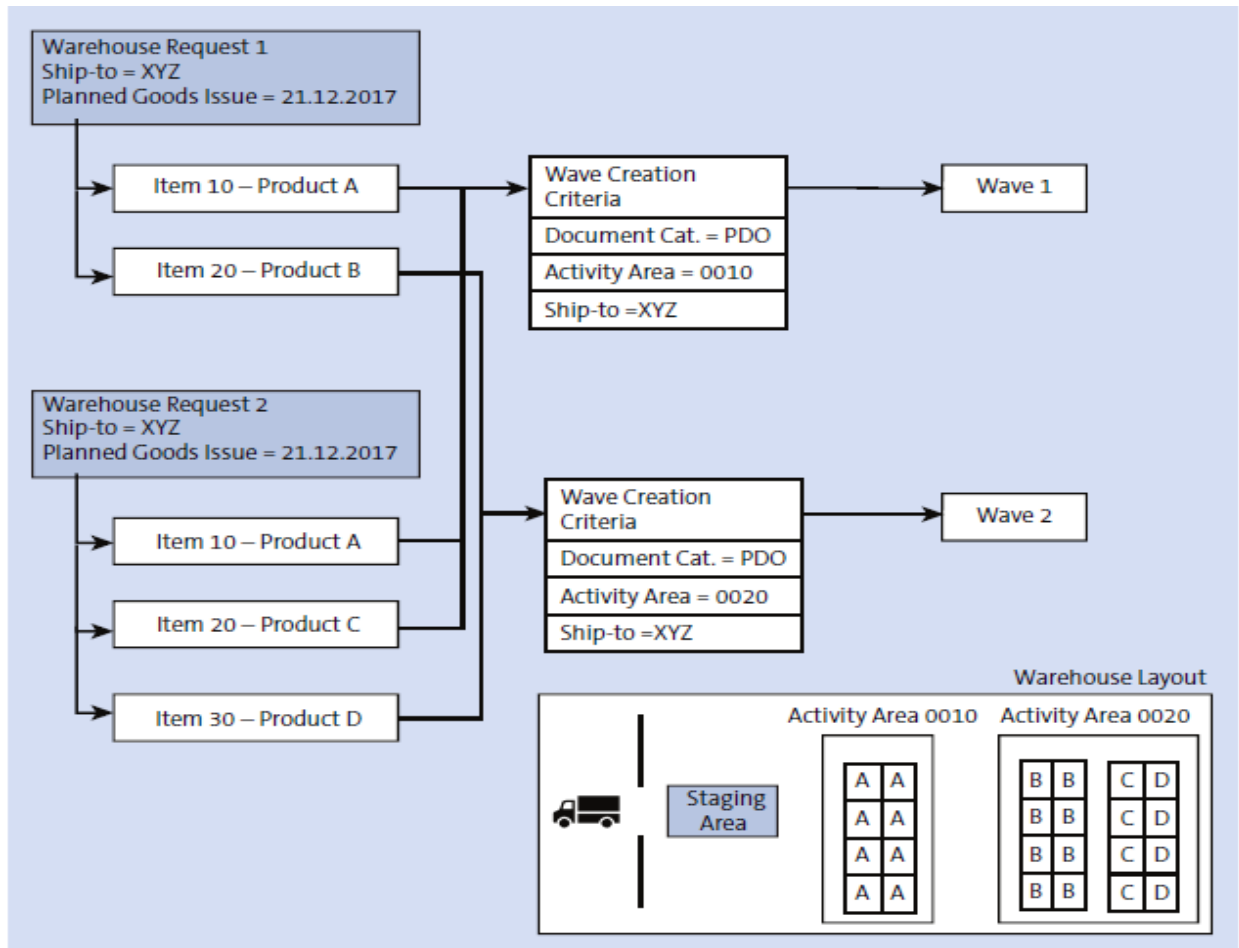


Figure 1: Grouping of Warehouse Requests in Waves

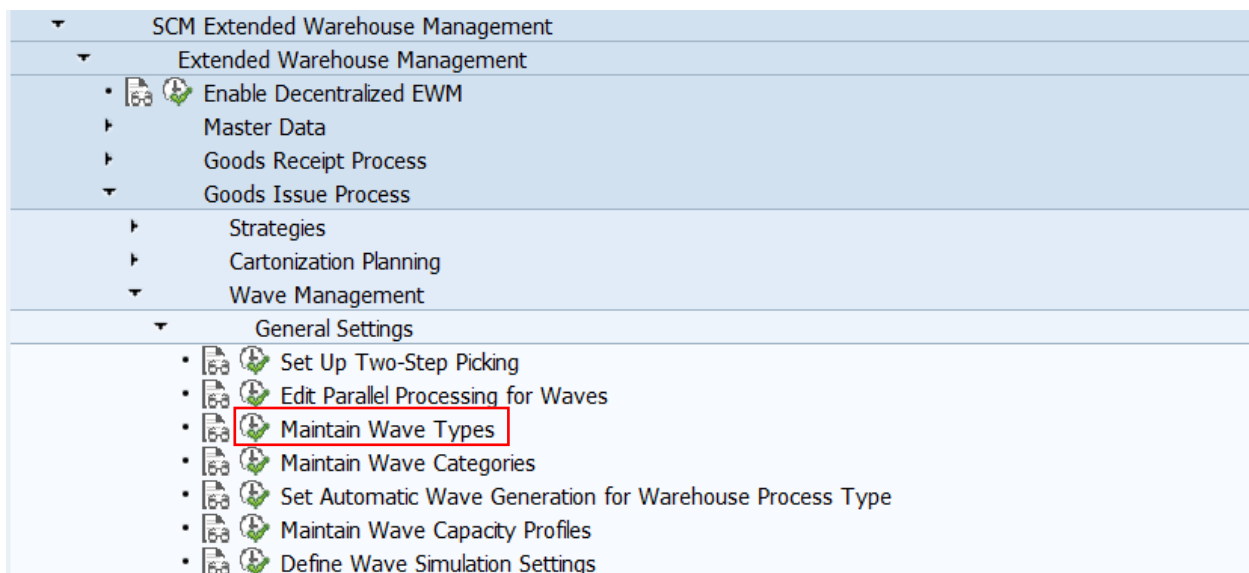
## **Steps to Configure Wave Management:**

- Maintain Wave Type
- Maintain Wave Categories
- Set Automatic Wave Generation for Warehouse Process Type (WPT)
- Maintain Wave Capacity Profile
- Wave Template Determination
- Define Access Sequence
- Define Condition Tabel
- Define Condition Type
- Define Procedure
- Maintain Wave Template in Master Data
- Maintain Conditions for Determining the Wave Template

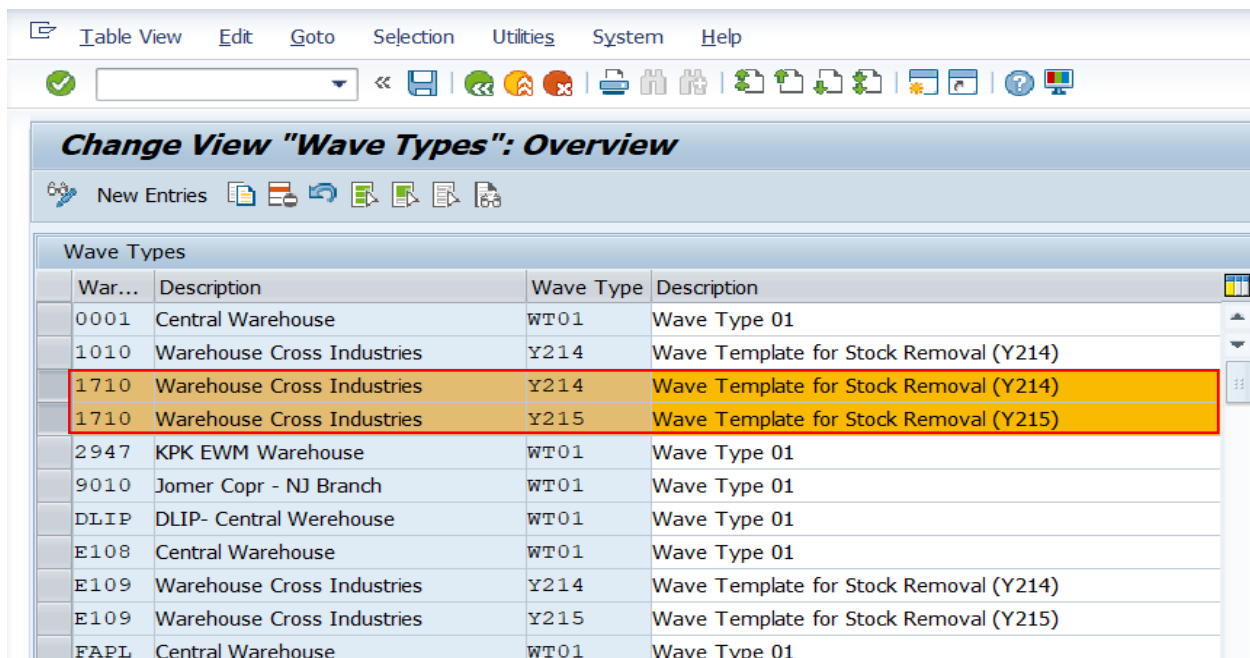
### **Maintain Wave Type:**

Wave type helps to identify waves created with special characteristics and behavior. Wave types are primarily used for accessing and filtering waves in the warehouse monitor. Go through,

**SPRO → SAP Ref IMG → Extended Warehouse Management → Goods Issue Process → Wave Management → General Settings → Maintain Wave Type.**



Define your new wave types Y214 and Y215, under the warehouse 1710.

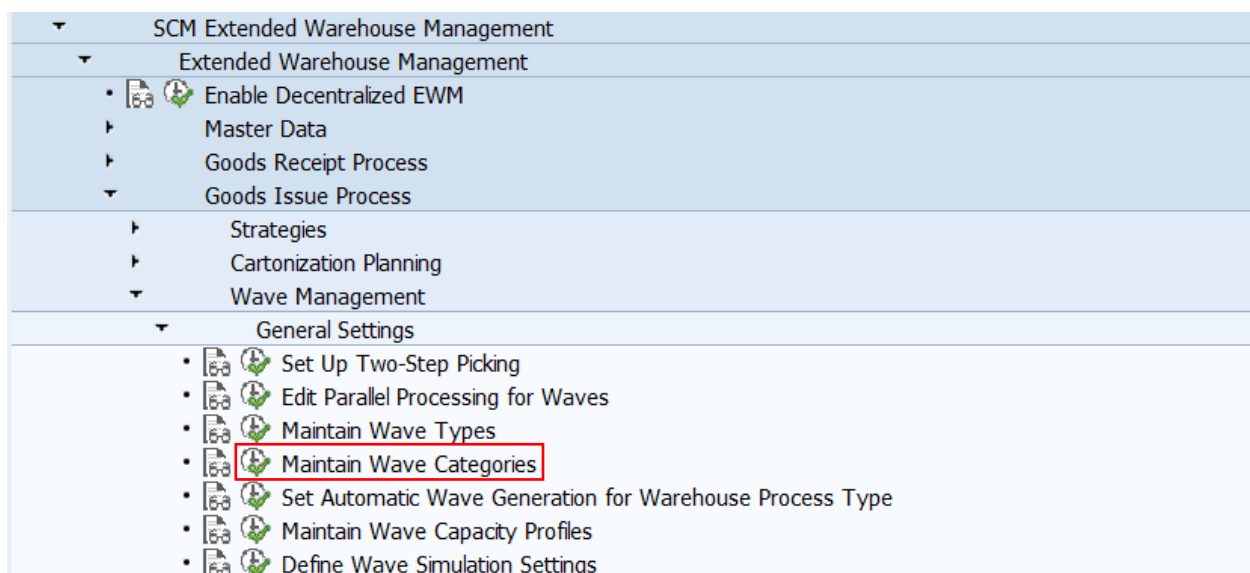


War...	Description	Wave Type	Description
0001	Central Warehouse	WT01	Wave Type 01
1010	Warehouse Cross Industries	Y214	Wave Template for Stock Removal (Y214)
1710	Warehouse Cross Industries	Y214	Wave Template for Stock Removal (Y214)
1710	Warehouse Cross Industries	Y215	Wave Template for Stock Removal (Y215)
2947	KPK EWM Warehouse	WT01	Wave Type 01
9010	Jomer Copr - NJ Branch	WT01	Wave Type 01
DLIP	DLIP- Central WEREHOUSE	WT01	Wave Type 01
E108	Central Warehouse	WT01	Wave Type 01
E109	Warehouse Cross Industries	Y214	Wave Template for Stock Removal (Y214)
E109	Warehouse Cross Industries	Y215	Wave Template for Stock Removal (Y215)
FAPL	Central Warehouse	WT01	Wave Type 01

### Maintain Wave Categories:

Wave categories are primarily used as filters for determination and application of warehouse order creation rules. Go through,

**SPRO → SAP Ref IMG → Extended Warehouse Management → Goods Issue Process → Wave Management → General Settings → Maintain Wave Categories.**



SCM Extended Warehouse Management
Extended Warehouse Management
Enable Decentralized EWM
Master Data
Goods Receipt Process
Goods Issue Process
Strategies
Cartonization Planning
Wave Management
General Settings
Set Up Two-Step Picking
Edit Parallel Processing for Waves
Maintain Wave Types
Maintain Wave Categories
Set Automatic Wave Generation for Warehouse Process Type
Maintain Wave Capacity Profiles
Define Wave Simulation Settings

Go to New Entries and define your new wave categories.

Table View Edit Goto Selection Utilities System Help				
<<				
<b>Change View "Wave Categories": Overview</b>				
Wave Categories				
Wa...	Description	Wave Ca...	Description	
0001	Central Warehouse	C1	Wave Category 1	
1010	Warehouse Cross Industries	Y1	Wave Category Y1	
1710	Warehouse Cross Industries	Y1	Wave Category Y1	
1710	Warehouse Cross Industries	Y2	Wave Category Y2	
2947	KPK EWM Warehouse	C1	Wave Category 1	
9010	Jomer Copr - NJ Branch	C1	Wave Category 1	
DLIP	DLIP- Central Werehouse	C1	Wave Category 1	
E108	Central Warehouse	C1	Wave Category 1	
E109	Warehouse Cross Industries	Y1	Wave Category Y1	

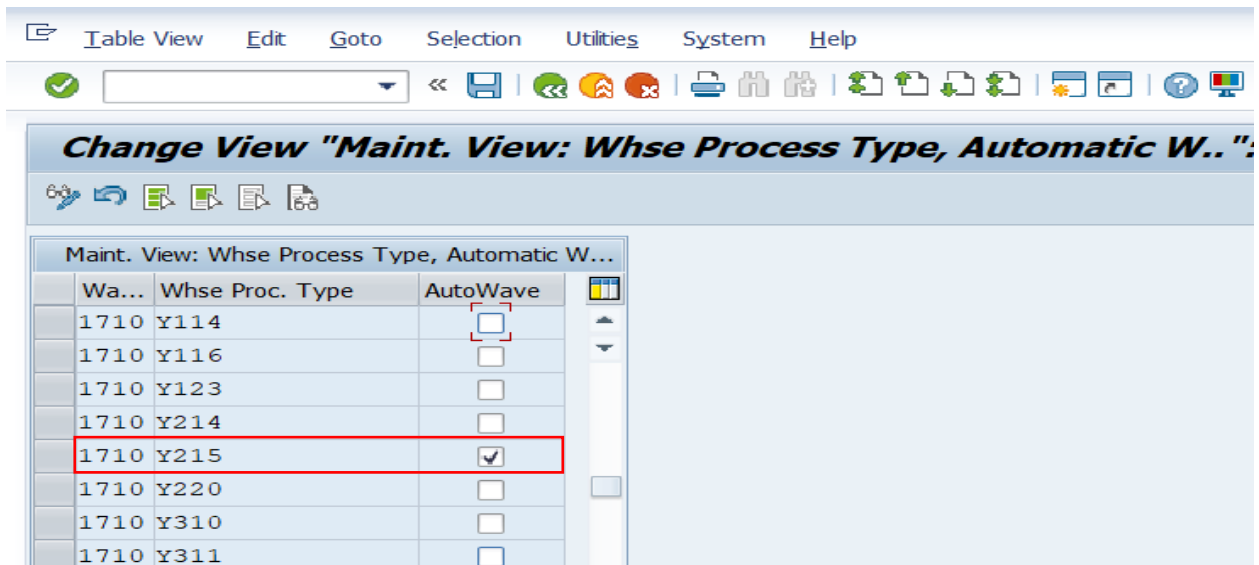
### Set Automatic Wave Generation for Warehouse Process Type:

Automatic wave generation enables either the creation of a new wave or assignment of a warehouse request item to an existing wave. Automatic wave generation can be activated via the Autowave indicator for a warehouse process type. Go through

**SPRO → SAP Ref IMG → Extended Warehouse Management → Goods Issue Process → Wave Management → General Settings → Set Automatic Wave Generation for Warehouse Process Type.**

SCM Extended Warehouse Management
Extended Warehouse Management
<ul style="list-style-type: none"> <li>Enable Decentralized EWM</li> <li>Master Data</li> <li>Goods Receipt Process</li> <li>Goods Issue Process</li> <li>Strategies</li> <li>Cartonization Planning</li> <li>Wave Management</li> </ul>
General Settings
<ul style="list-style-type: none"> <li>Set Up Two-Step Picking</li> <li>Edit Parallel Processing for Waves</li> <li>Maintain Wave Types</li> <li>Maintain Wave Categories</li> <li><b>Set Automatic Wave Generation for Warehouse Process Type</b></li> <li>Maintain Wave Capacity Profiles</li> <li>Define Wave Simulation Settings</li> </ul>

Enable the Automatic wave creation to check for the warehouse process type Y215.

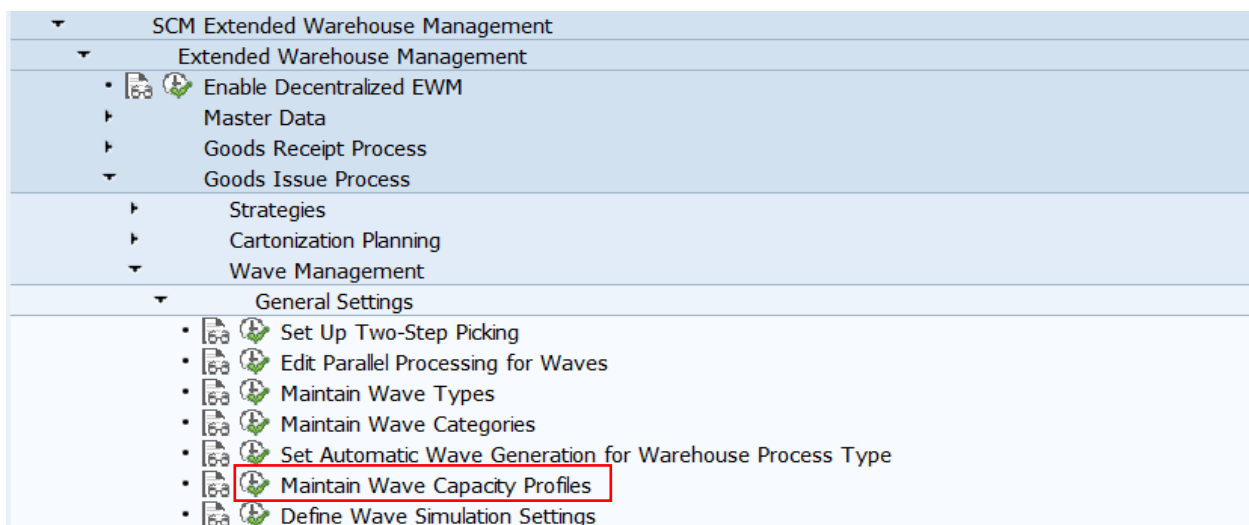


Wa...	Whse Proc. Type	AutoWave
1710	Y114	<input type="checkbox"/>
1710	Y116	<input type="checkbox"/>
1710	Y123	<input type="checkbox"/>
1710	Y214	<input type="checkbox"/>
1710	Y215	<input checked="" type="checkbox"/>
1710	Y220	<input type="checkbox"/>
1710	Y310	<input type="checkbox"/>
1710	Y311	<input type="checkbox"/>

### Maintain Wave Capacity Profile:

The wave capacity profile is set up to limit the maximum number of warehouse request items that can be assigned to a wave template option. The number of warehouse requests that can be assigned to the wave template options can be limited by the following elements: **Maximum No. Items, Maximum Weight, Max. Volume, Max. Capacity, No. of Waves**. To maintain the wave capacity profile, go through

**SPRO → SAP Ref IMG → Extended Warehouse Management → Goods Issue Process → Wave Management → General Settings → Maintain wave capacity profiles**



SCM Extended Warehouse Management
Extended Warehouse Management
Enable Decentralized EWM
Master Data
Goods Receipt Process
Goods Issue Process
Strategies
Cartonization Planning
Wave Management
General Settings
Set Up Two-Step Picking
Edit Parallel Processing for Waves
Maintain Wave Types
Maintain Wave Categories
Set Automatic Wave Generation for Warehouse Process Type
<b>Maintain Wave Capacity Profiles</b>
Define Wave Simulation Settings

Table View Edit Goto Selection Utilities System Help

Change View "Capacity Profile for Waves": Overview

New Entries

Wa...	Cap. Prfl.	Description	Error	Lock
1710	17	1710- Wave Capacity Profile	<input type="checkbox"/>	Do not abort
E109	17	1710- Wave Capacity Profile	<input type="checkbox"/>	Do not abort

Table View Edit Goto Selection Utilities System Help

Change View "Capacity Profile for Waves": Details

New Entries

Warehouse No. 1710

Capacity Prfl. 17

Capacity Profile for Waves

Description 1710- Wave Capacity Profile

Maximum No. Items 3

Maximum Weight

Weight Unit

Max. Volume

Volume Unit

Max. Capacity

No. of Waves 1

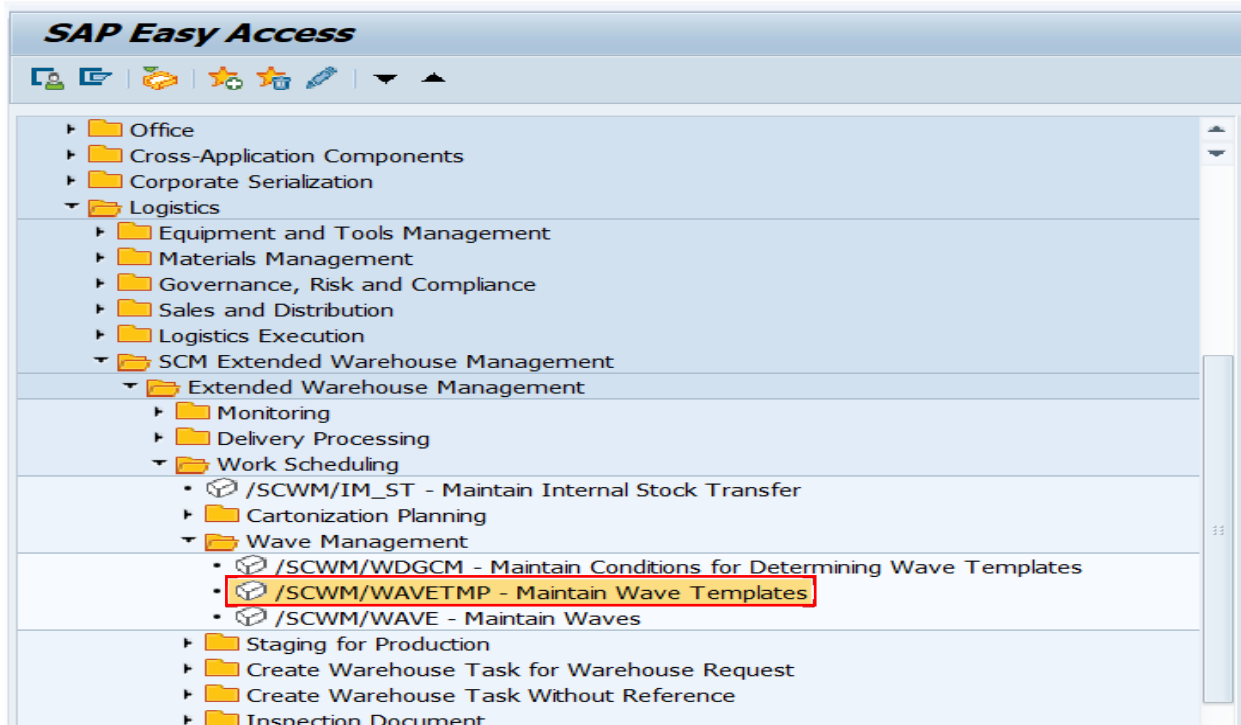
Error at Cap.Overr. ☐

Beh. Lock Do not abort Wave Creation

## Wave Template:

Wave templates are containers for control parameters used to create waves for a warehouse request. Various control parameters shape the features of the wave created for a warehouse request based on the wave template determined using the condition technique. You can create waves template manually using **Transaction /N/SCWM/WAVETMP** or by navigating to **SAP Easy Access** path:

Logistics→SCM Extended Warehouse Management→Extended Warehouse Management→Work Scheduling→Wave Management →Maintain Wave Templates.



To generate your new wave templates, enter your warehouse number and execute it and go to new entries define your new wave template with the combination of WPT, Wave category and the Release method.

The screenshot shows the SAP 'Define Wave Template' dialog box. The 'Wave Template' field is highlighted with a red box and contains the value '104'. The 'General Attributes' section is also highlighted with a red box and contains the following data:

General Attributes	
Description	Domestic Route 01
Wave Type	Y214
Wave Category	Y1

The 'Wave Release' section contains the following data:

Wave Release	
Release Method	Manual
<input checked="" type="checkbox"/> Assmnt After Rel.	

The 'Exception Handling' section contains the following data:

Exception Handling	
Bin Denial	Leave Item in Wave (Release Wave Again Later)
Retry Interval	

Table View Edit Goto Selection Utilities System Help

Change View "Define Wave Template": Overview

New Entries

Dialog Structure

- Define Wave Template
  - Define Wave Template Time Attributes

Warehouse No. 1710 Warehouse Cross Industries

Two-Step Pick. Not Relevant

Optimization No Optimization

Template	Description	Rise Mthd	Wave Type	Wave Cat.	Assignment
104	Domestic Route 01	Manual	Y214	Y1	<input checked="" type="checkbox"/>
105	Domestic Route 01	Immediate	Y215	Y2	<input checked="" type="checkbox"/>

Select the line item of Template 104 and go for “Define wave template time attributes”. Enter the cutoff time, Release time, picking start & end time and Packaging completion time details. Each wave template is assigned to wave template options. Wave template options are time-dependent attributes assigned to a wave template. A wave template can have more than one option. The system compares the requirements in warehouse requests based on the time attributes in each option and selects one to determine wave-dependent attributes such as release time for automatic release and so on.

Table View Edit Goto Selection Utilities System Help

Change View "Define Wave Template Time Attributes": Overview

New Entries

Dialog Structure

- Define Wave Template
  - Define Wave Template Time Attributes

Warehouse No. 1710 Warehouse Cross Industries

Time Zone PST

Wave Template 104

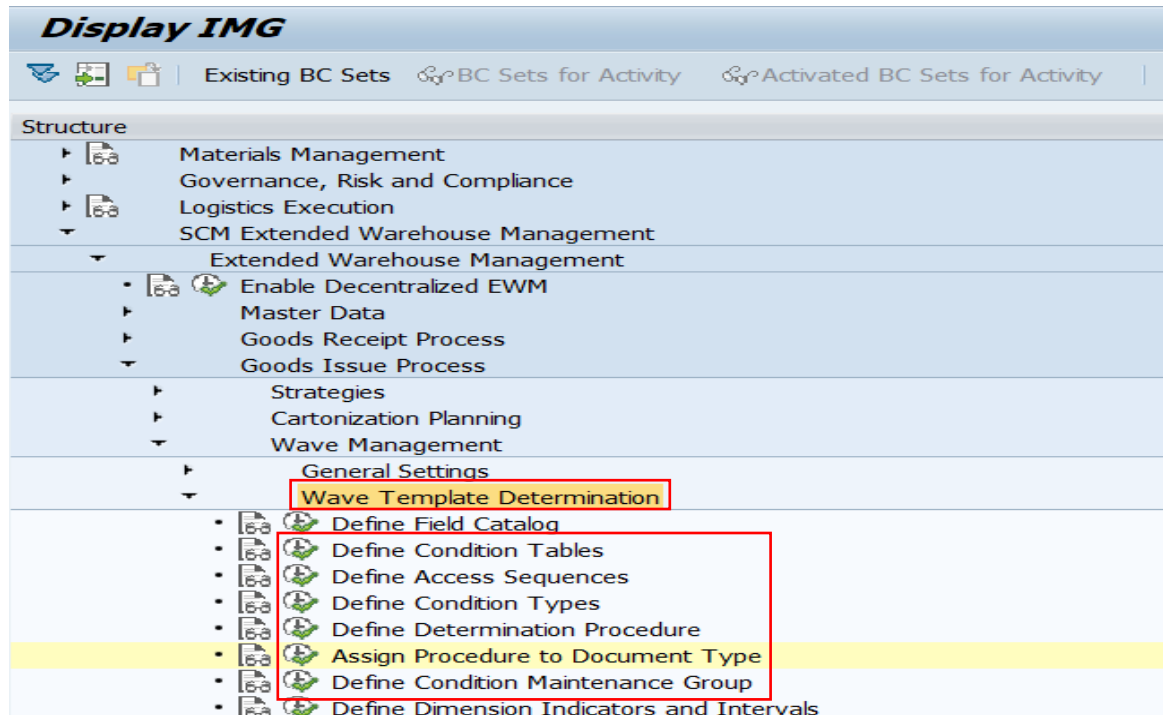
Option	CutoffTime	CutoffDays	Rise Time	Rise Days	2nd Rise Time	2. Rise Day	PickStart	PickStDays	Pkgg Cmpl.	Pkgg Days	PackStart	PackStDays	PackgCmp
1	06:00:00		06:30:00		00:00:00				08:30:00				09:10:00
2	08:00:00		08:30:00		00:00:00				10:30:00				11:10:00
3	10:00:00		10:30:00		00:00:00				13:30:00				14:10:00
4	12:00:00		12:30:00		00:00:00				15:30:00				16:10:00
5	15:00:00		15:30:00		00:00:00				17:30:00				18:10:00

### Wave Template Determination:

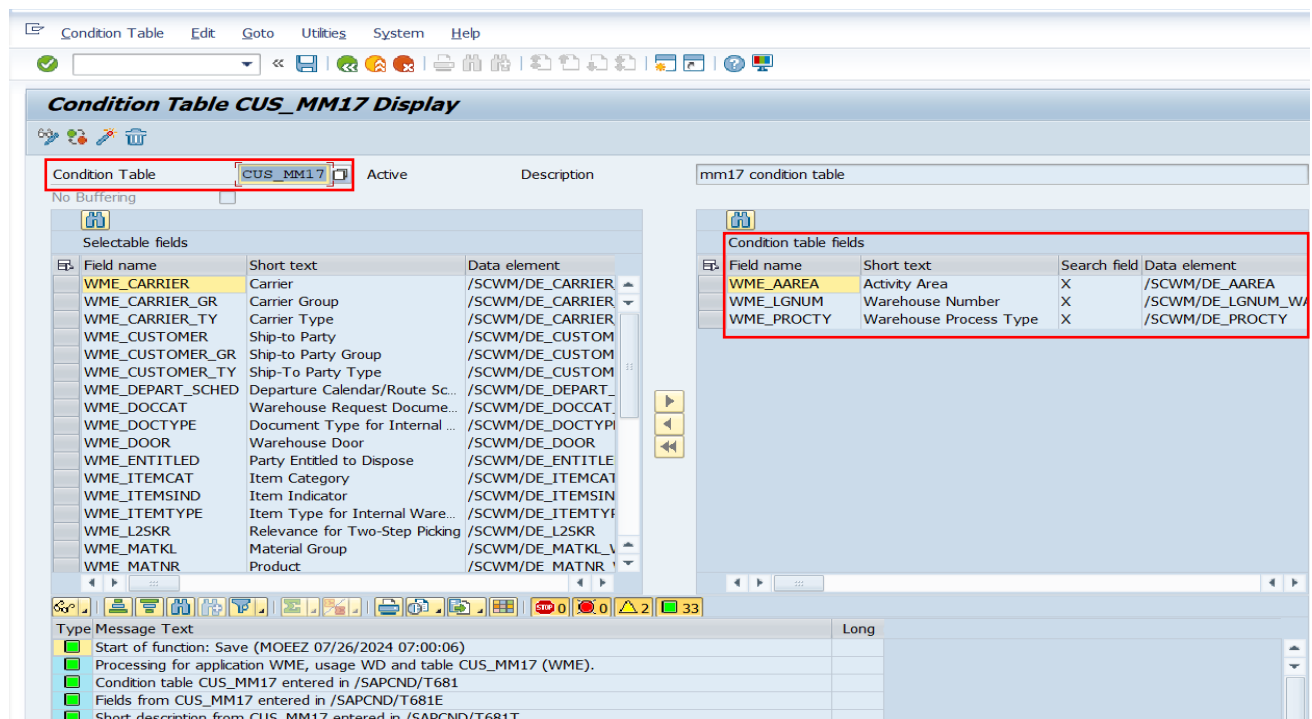
Wave template determination is performed in embedded EWM using the Post Processing Framework (PPF). When the warehouse request is created, the system checks to see if the warehouse process type is set for automatic wave creation. **Condition tables** are used for creating condition records, based on which the system determines wave templates. Wave template determination can be configured via IMG path,



SPRO → SAP Ref IMG → Extended Warehouse Management → Goods Issue Process → Wave Management  
→ General Settings → Wave Template Determination → Define Condition Tables

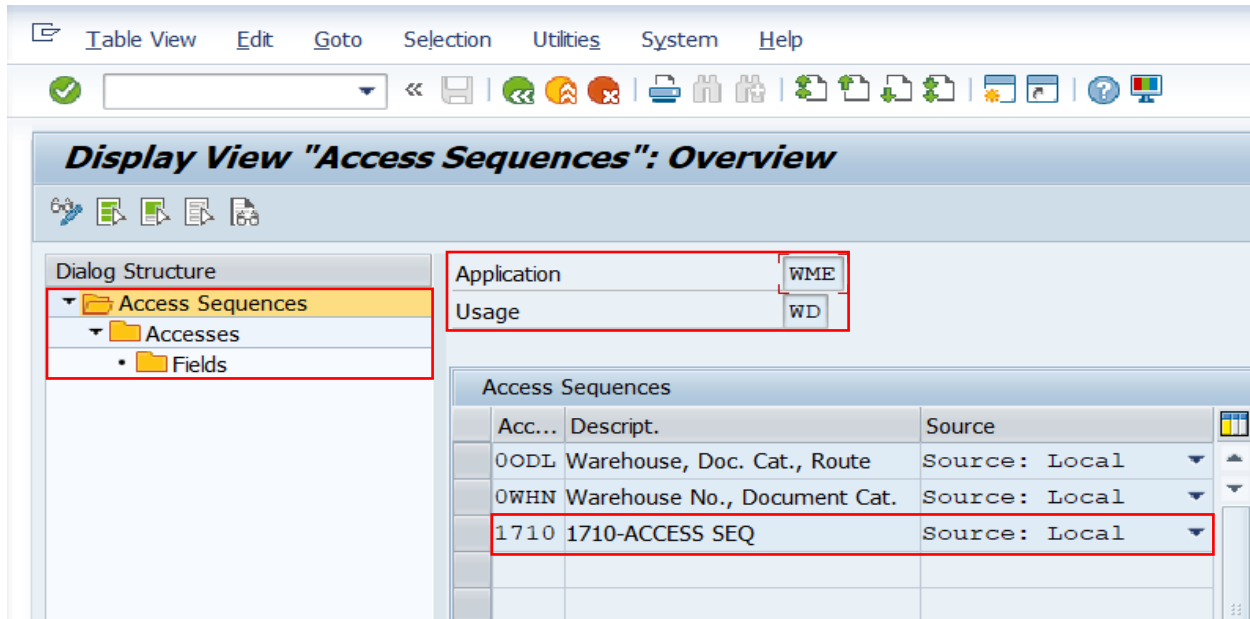


Define the new condition table CUS\_MM17 and add the Condition table fields WME\_AAREA (Activity Area), WME\_LGNUM (Warehouse Number), WME\_PROCTY (Warehouse Process Type).

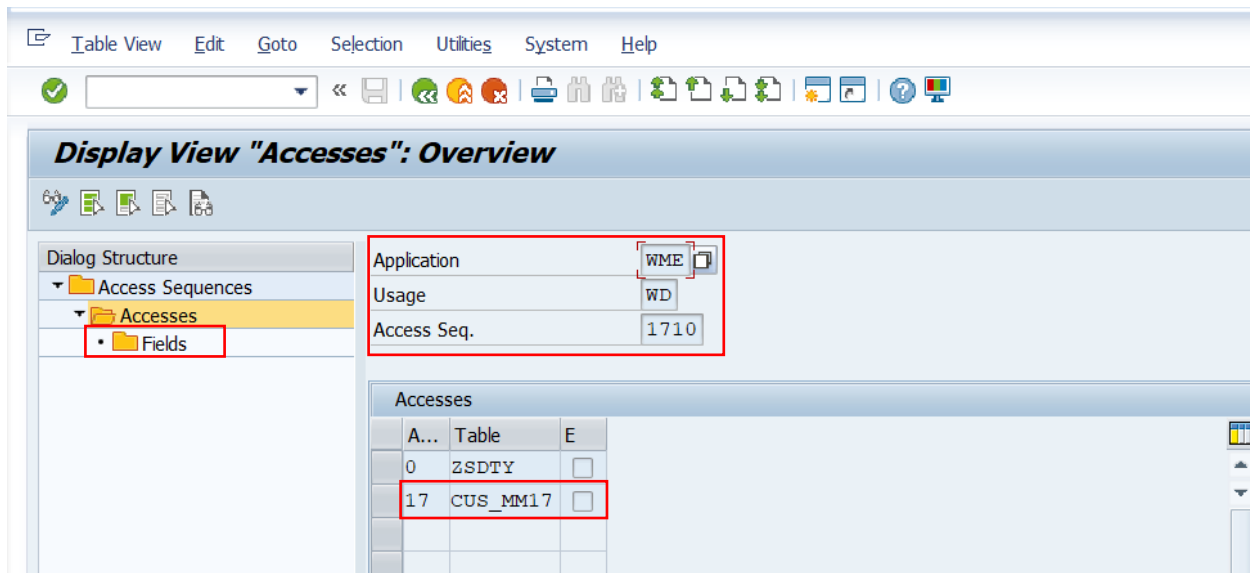


## Define Access Sequence:

Condition tables are assigned to an access sequence to let the system know the sequence in which it will look at condition tables until it finds a valid condition record. Define new Access sequence 1710 and must select the Application “WME” and Usage “WD”



Select the line item of access sequence 1710 and go to **Accesses** add new assess no 17, enter the condition table CUS\_MM17 and through which condition tables are linked with access sequence.



Select the access sequence 17 and go to Fields tab, system fetch the Source and Target field from the Condition tables.

Table View Edit Goto Selection Utilities System Help

Display View "Fields": Overview

Dialog Structure

- Access Sequences
  - Accesses
    - Fields

Application: WME

Usage: WD

Access Seq.: 1710

Access: 17

Fi...	Target Field Name	Source field	Constant
1	WME_AAREA	WME_AAREA	
2	WME_LGNUM	WME_LGNUM	
3	WME_PROCTY	WME_PROCTY	

### Define Condition Types:

Go for new entries and define new condition type 1710 and linked it with Assess sequence 1710, Application is "WME" and Usage is "WD".

Application: WME

Usage: WD

Co...	Description	Acces...	C...	To	from
00DL	Whse, Doc.C., Route	00DL	Nc	The date 12/31/9999 is prop...	Current date
0WHN	Whse No., Doc. Cat.	0WHN	Nc	The date 12/31/9999 is prop...	Current date
1710	1710- WAVE	1710	Nc	The date 12/31/9999 is prop...	Current date

Application: WME

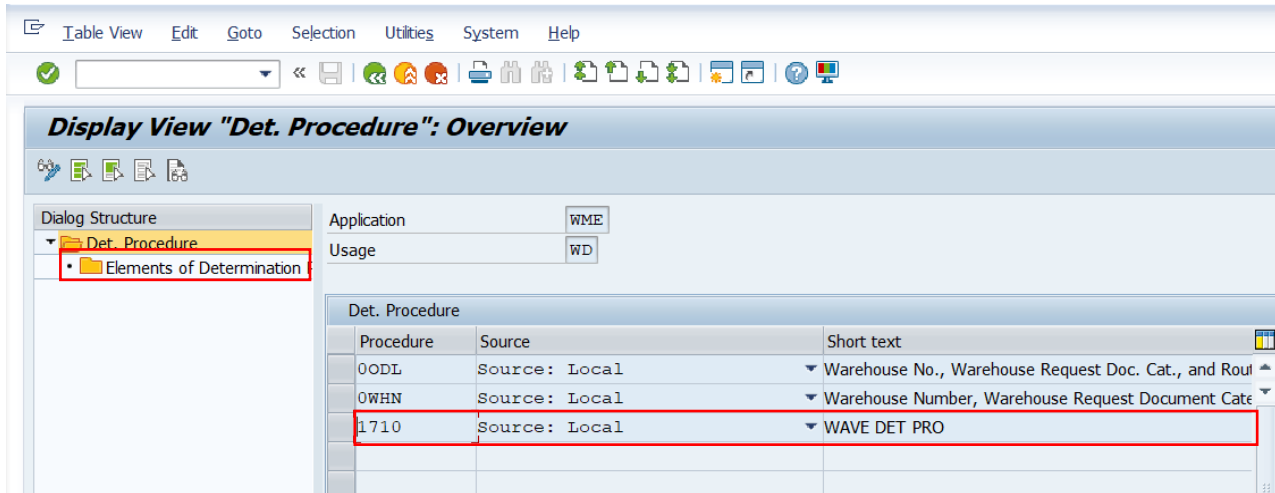
Usage: WD

Condition Type: 1710

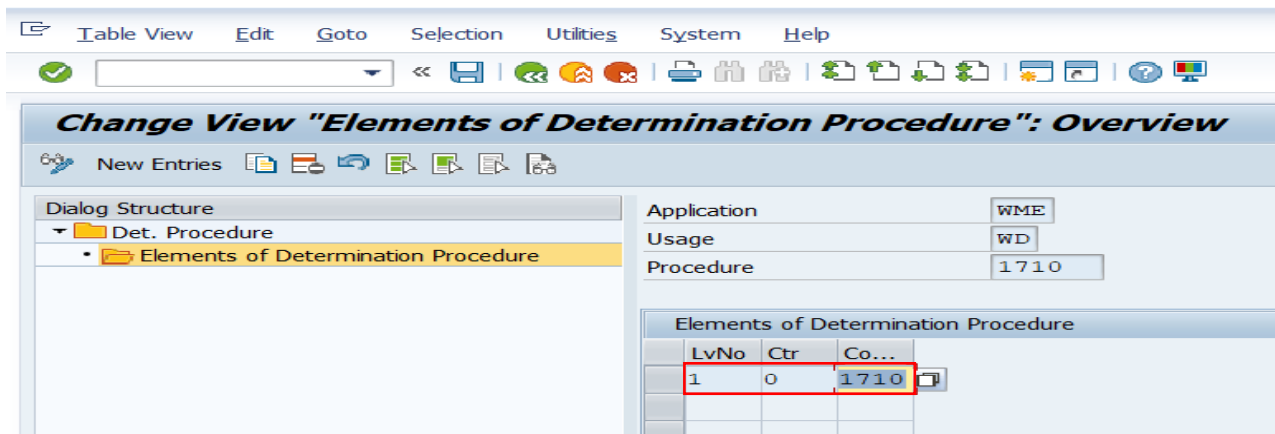
Condition Types	
Description	1710- WAVE
Access Seq.	1710
Change Doc.	<input type="checkbox"/> Yes/no
Prop. valid-to	The date 12/31/9999 is proposed
Prop. valid-from	Current date
Access Date	DET_DEFAULT_TIMESTAMP
Source system	Source: Local

## Define Determination Procedure:

The condition type defined earlier is assigned to a condition determination procedure. Define the new determination procedure 1710.

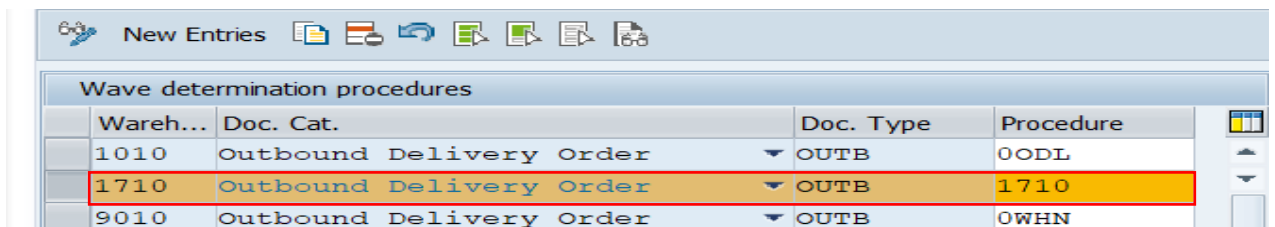


Select the line item of Procedure 1710 and go the “Elements of Determination Procedure” enter the condition type 1710, through which Determination procedure are linked with Condition type.



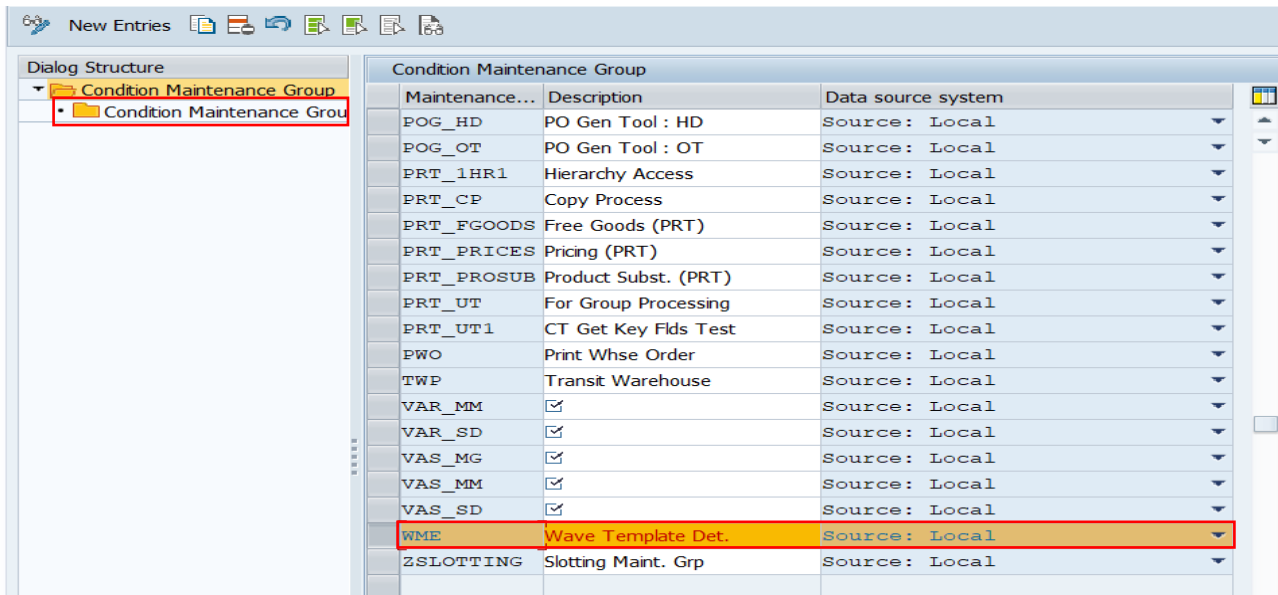
## Assign Procedure to Document Type:

To assign the determination procedure to the document type go for new entries and enter the determination procedure 1710 and save. The system uses the assigned condition determination procedure for the document type after the warehouse request is created in embedded EWM.



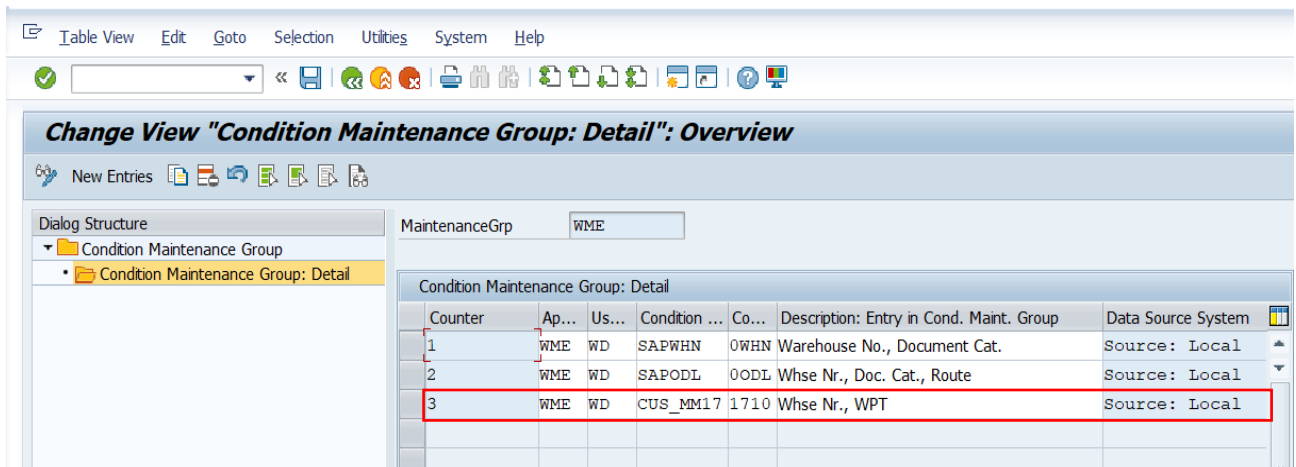
## Define Condition Maintenance Group:

To define the condition maintenance group, select the maintenance group “WME” and go for Condition Maintenance Group Details.



Maintenance...	Description	Data source system
POG_HD	PO Gen Tool : HD	Source: Local
POG_OT	PO Gen Tool : OT	Source: Local
PRT_1HR1	Hierarchy Access	Source: Local
PRT_CP	Copy Process	Source: Local
PRT_FGOODS	Free Goods (PRT)	Source: Local
PRT_PRICES	Pricing (PRT)	Source: Local
PRT_PROSUB	Product Subst. (PRT)	Source: Local
PRT_UT	For Group Processing	Source: Local
PRT_UT1	CT Get Key Flds Test	Source: Local
PWO	Print Whse Order	Source: Local
TWP	Transit Warehouse	Source: Local
VAR_MM	<input checked="" type="checkbox"/>	Source: Local
VAR_SD	<input checked="" type="checkbox"/>	Source: Local
VAS_MG	<input checked="" type="checkbox"/>	Source: Local
VAS_MM	<input checked="" type="checkbox"/>	Source: Local
VAS_SD	<input checked="" type="checkbox"/>	Source: Local
<b>WME</b>	<b>Wave Template Det.</b>	<b>Source: Local</b>
ZSLOTING	Slotting Maint. Grp	Source: Local

Go for new entries and enter your Condition table CUS\_MM17, Condition type 1710, Application is WME, and the Usage is WD.

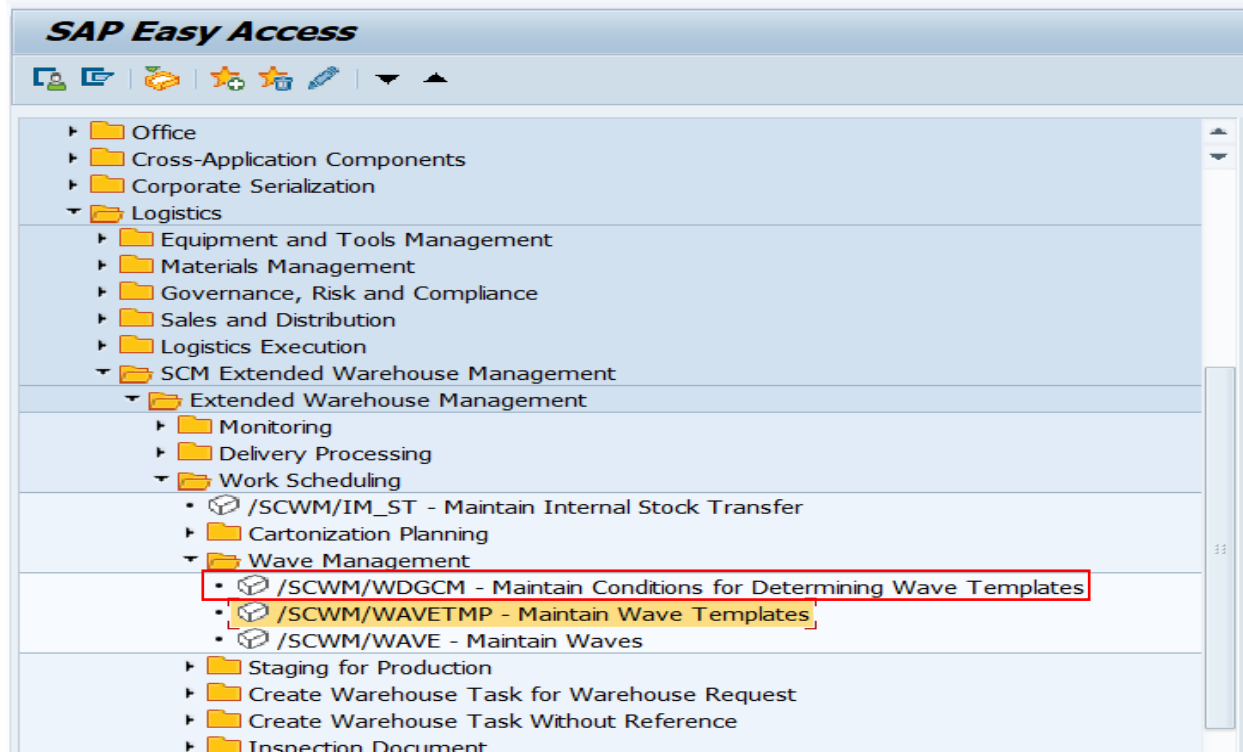


Counter	Ap...	Us...	Condition ...	Co...	Description: Entry in Cond. Maint. Group	Data Source System
1	WME	WD	SAPWHN	0WHN	Warehouse No., Document Cat.	Source: Local
2	WME	WD	SAPODL	0ODL	Whse Nr., Doc. Cat., Route	Source: Local
3	WME	WD	CUS_MM17	1710	Whse Nr., WPT	Source: Local

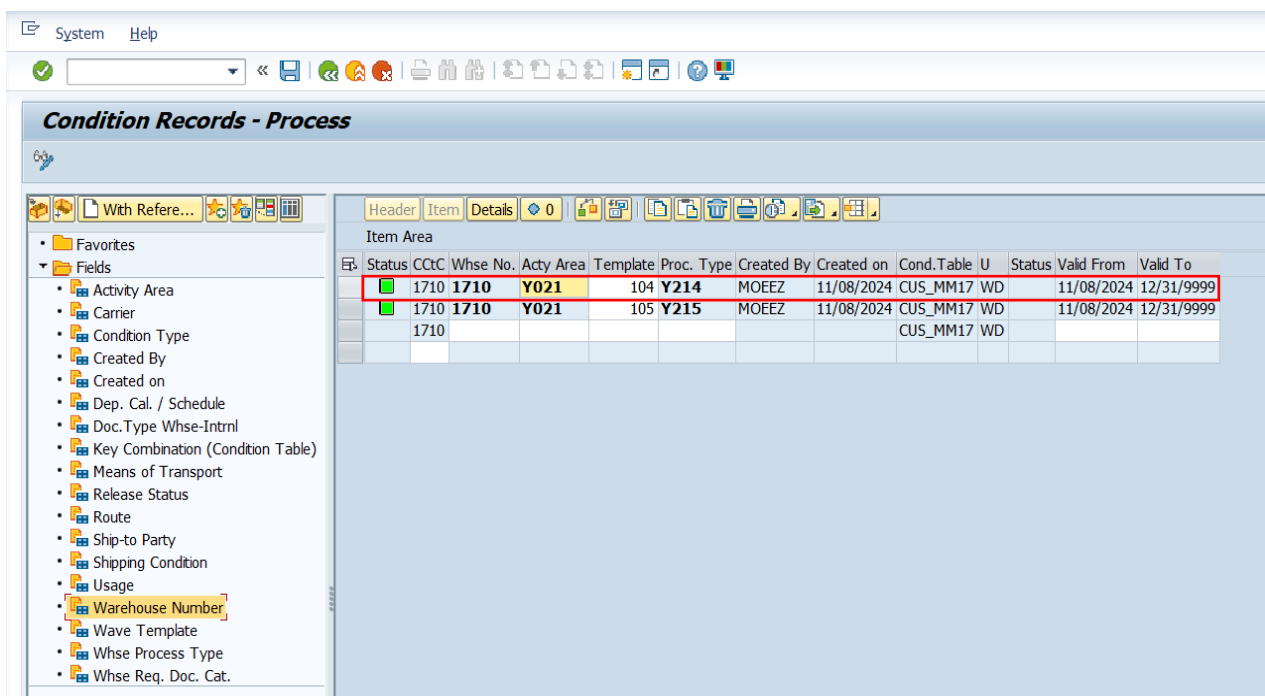
## Maintain Conditions for Determining the Wave Template:

You can maintain conditions for determining the wave template manually using **Transaction /N/SCWM/WDGCM** or by navigating to SAP Easy Access path:

**Logistics→SCM Extended Warehouse Management→Extended Warehouse Management→Work Scheduling→Wave Management → Maintain Conditions for Determining the Wave Template.**



To maintain your new condition record with the combination of Condition type, Warehouse number, Activity area, Template, Warehouse Process Type and Condition Tables and execute it.



## Testing:

We have three different outbound deliveries 80006364, 80006365, 80006366 whose Picking and warehouse activity are not started, we want to process these outbound deliveries through Wave Management.

**Warehouse Management Monitor SAP - Whse. 1710 (Time Zone PST)**

Outbound Delivery Order

Blocked	Document	RteDep	Time	Wave	Asst	Whse	Door	Loading Pt	Whse Act.	Picking	Pickg (PI)	Packing Status	Loading	Goods Iss.	Route Det.
	80006364	00:00:00	None	YDO1					Not Started	Not Started	Not Started	Not Calculated	Not Started	Not Started	Not Relevant
	80006365	00:00:00	None	YDO1					Not Started	Not Started	Not Started	Not Calculated	Not Started	Not Started	Not Relevant
	80006366	00:00:00	None	YDO1					Not Started	Not Started	Not Started	Not Calculated	Not Started	Not Started	Not Relevant

## Maintain the Outbound Delivery:

To maintain the outbound Delivery, go to **T-code: /N/SCWM/PRDO**, enter your outbound deliveries number 80006364, 80006365, 80006366 and execute it, details of delivery will be open below where Picking, Packing and Goods Issue are not started.

**Maintain Outb. Deliv. Order - Warehouse No. 1710 (Time Zone PST)**

Outbound Delivery Order    Outbound Delivery

Show: [ ] Find: Outbound Delivery Order [ ] [Open Advanced Search]

Mode	Blocked	Document	Manually	Doc. Cat.	Descr.	Doc. Type	Descr.	Whse No.	Shipping Office	Whse Door	Loading Pt	Picking	PackStatus	Loading	Goods Iss.	Incot
		80006364		Outbound Delivery Order	Outbound Delivery Order	1710	YWAREHOUSE-1710	YDO1				Not Started	Not Started	Not Started	Not Started	EXW
		80006365		Outbound Delivery Order	Outbound Delivery Order	1710	YWAREHOUSE-1710	YDO1				Not Started	Not Started	Not Started	Not Started	EXW
		80006366		Outbound Delivery Order	Outbound Delivery Order	1710	YWAREHOUSE-1710	YDO1				Not Started	Not Started	Not Started	Not Started	EXW

Outbound deliveries number 80006364, 80006365, 80006366 have multiple line items and for each line item a warehouse request will be generated, and we will process through it by wave. To process these outbound deliveries, copy the outbound deliveries number and go to T-code **/N/SCWM/WAVE**.

To process the multiple outbound deliveries together through wave first go to the “Create” tab and click on it. Wave **4000183** is generated. You can select the line item and go to edit to create wave manually enter your **wave template**, **wave type** and **wave category** details.

Go to the **Warehouse requests tab** → **Open Advance Search** and paste the outbound deliveries numbers and execute it, system fetch the data of outbound deliveries, select the warehouse requests and click on Assign tab to assign the warehouse requests to a wave.

After assigning the warehouse requests to wave the warehouse requests disappear from the warehouse requests tab and they are assigned to wave 4000183.



Wave Management - Outbound - Warehouse Number 1710

Outbound Delivery Order Internal Stock Transfer Posting Change

Show Find Wave Open Advanced Search

Optimize Simul... Rele... Release Withdra... Subst...

Mode	Wave	Template	Option	Description	Wave Type	Wave Cat.	Calendar	Rlse Mthd	Wave Compl	Wave Compl	CutoffDate	CutoffTime	Rlse Date	Rlse Time	2ndRlsDate	2nd Rls Tm	Pick.C
	4000183	104		Domestic Route 01	Y214	Y1	US										

Items Warehouse Orders Warehouse Requests

Show Find Document Number Open Advanced Search

Assign

Doc. No.	MM SplitNo	Doc. Cat.	Doc. Type	Item Cat.	Item Type	Product	Disposal	Owner	Batch	Reqd Qty	Unit	Weight	Unit	Volume	VUn	GI Date	GI Time	Yr	
80006364	10	0	PDO	OUTB	DLV	ODLV	EWMS4-02	BP1710	BP1710		1	PC	4	KG	3	L	11/26/2024	00:00:00	11
80006364	20	0	PDO	OUTB	DLV	ODLV	ERPMATIKF-03	BP1710	BP1710		1	PC	55	KG	144	L	11/26/2024	00:00:00	11
80006365	10	0	PDO	OUTB	DLV	ODLV	ERPMATIKF-03	BP1710	BP1710		2	PC	110	KG	288	L	11/26/2024	00:00:00	11
80006365	20	0	PDO	OUTB	DLV	ODLV	ERPMATIKF-01	BP1710	BP1710		2	PC	110	KG	288	L	11/26/2024	00:00:00	11
80006365	30	0	PDO	OUTB	DLV	ODLV	ERPMATIKF-04	BP1710	BP1710		1	PC	55	KG	144	L	11/26/2024	00:00:00	11
80006366	10	0	PDO	OUTB	DLV	ODLV	ERPMATIKF-03	BP1710	BP1710		1	PC	55	KG	144	L	11/26/2024	00:00:00	11
80006366	20	0	PDO	OUTB	DLV	ODLV	ERPMATIKF-01	BP1710	BP1710		1	PC	55	KG	144	L	11/26/2024	00:00:00	11

Wave Management - Outbound - Warehouse Number 1710

Outbound Delivery Order Internal Stock Transfer Posting Change

Show Find Wave Open Advanced Search

Optimize Simul... Rele... Release Withdra... Subst...

Mode	Wave	Template	Option	Description	Wave Type	Wave Cat.	Calendar	Rlse Mthd	Wave Compl	Wave Compl	CutoffDate	CutoffTime	Rlse Date	Rlse Time	2ndRlsDate	2nd Rls Tm	Pick.C
	4000183	104		Domestic Route 01	Y214	Y1	US										

Items Warehouse Orders Warehouse Requests

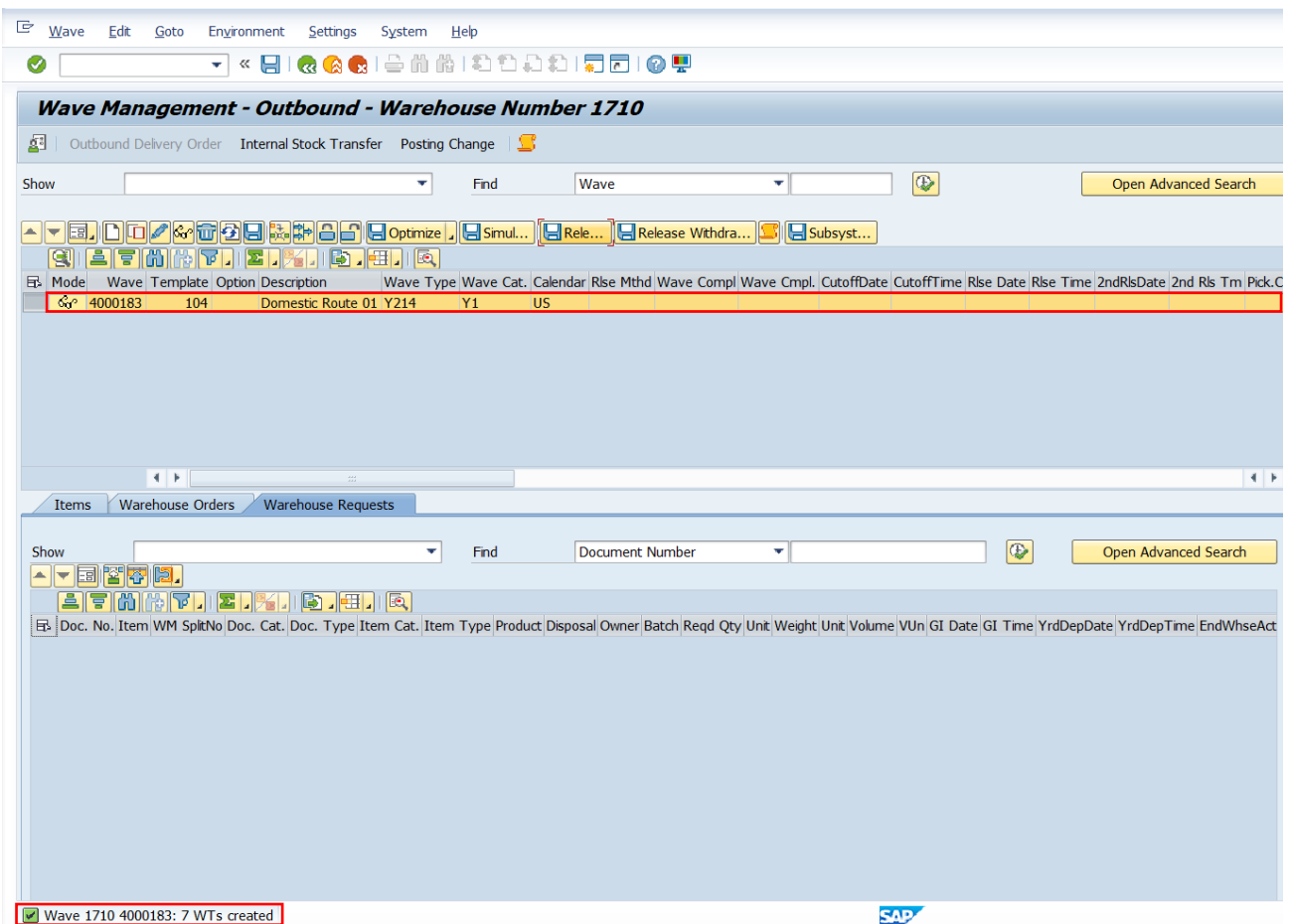
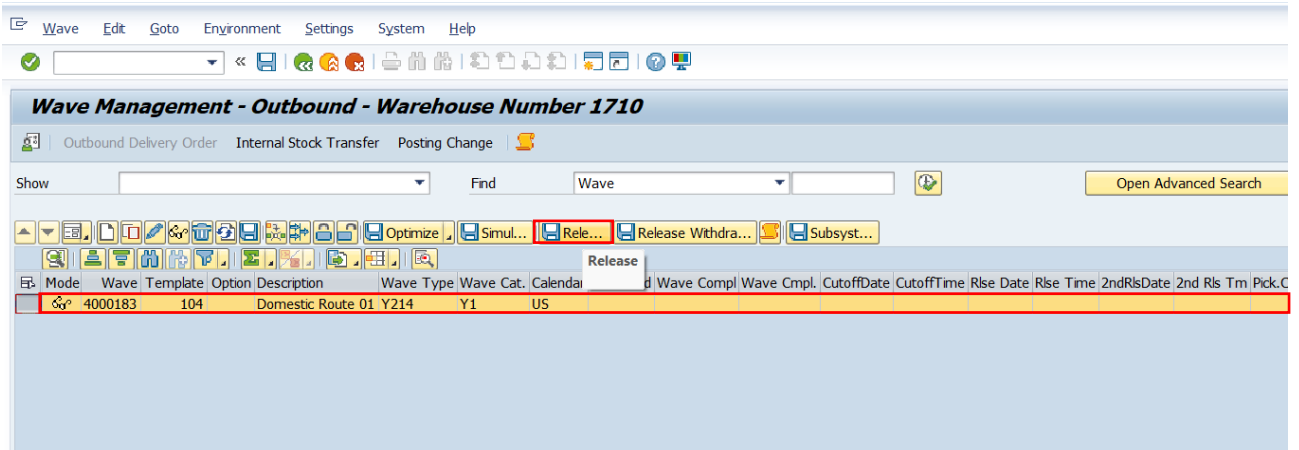
Show Find Document Number Open Advanced Search

Doc. No.	Item	MM SplitNo	Doc. Cat.	Doc. Type	Item Cat.	Item Type	Product	Disposal	Owner	Batch	Reqd Qty	Unit	Weight	Unit	Volume	VUn	GI Date	GI Time	YrdDepDate	YrdDepTime	EndWlseAct
----------	------	------------	-----------	-----------	-----------	-----------	---------	----------	-------	-------	----------	------	--------	------	--------	-----	---------	---------	------------	------------	------------

7 items were assigned to wave 1710 4000183

SAP

To execute the wave 4000183, select the line item and click on “**Release**” tab. When the wave is released warehouse tasks are created for the warehouse requests.



To check the warehouse tasks, go to T-code /N/SCWM/MON, follow the path **Outbound → Document → Wave**. Double click on Wave and enter your Wave number **4000183** and execute it. Select the line item and click on “Form view” to check the details of wave, you can find the status of wave is “R” (Release).

Outbound > Documents > Planned Shipping Handling Unit > Wave

Wave: 4000183

Wave Category: to

Wave Type: to

Release Method: to

Status: to

Wave Cutoff Date: 00:00:00 to 00:00:00

Wave Release Date: 00:00:00 to 00:00:00

Wave Completion Date: 00:00:00 to 00:00:00

Wave Item Warehouse Order Warehouse Task Wave Detail PSHU

Wave	Doc. Cat.	Template	Option	Description	Wave Type	Wave Cat.	Rise Mthd	Calendar	CutoffDate	Cutoff Time	Rise Date	Rise Time	2ndRlsDate	2nd Rls Tm	Pick.Compl	Pkgng Cmpl.	F
4000183	PDO	104		Domestic Route 01 Y214	Y1		US		00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00			

Details

Doc. Category: PDO Wave Type: Y214 Mode:

Wave Template: 104 Wave Category: Y1 Stg. Area Group:

Template Option: Release Method: Stag. Area:

Released Manual: ☒ Highest Item: 7 Released By: MOEEZ

Status: R Spcl Acty Ind: Release Date: 11/20/2024 23:27:20

Select the line item and click on “warehouse task” tab all the warehouse tasks assigned to wave appear below.

Wave Item Warehouse Order Warehouse Task Wave Detail PSHU

Wave	Doc. Cat.	Template	Option	Description	Wave Type	Wave Cat.	Rise Mthd	Calendar	CutoffDate	Cutoff Time	Rise Date	Rise Time	2ndRlsDate	2nd Rls Tm	Pick.Compl	Pkgng Cmpl.	Pack.Compl	Pack.Cmpl.	S
4000183	PDO	104		Domestic Route 01 Y214	Y1		US		00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	

Whse Ta	Item HU	WT	Proc.	Type C	Cat. Desc.	Activity	Stor Proc. Step	Status	Created By	Created On	Created At	Conf. By	Conf. Date	Conf. Time	Resource	Reason	Exception	Start Date	Start Time	Proc
100006322		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP
100006323		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP
100006324		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP
100006325		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP
100006326		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP
100006327		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP
100006328		Y214	2		Stock Removal PICK	MMSP	OBM1		MOEEZ	11/20/2024	23:27:20			00:00:00				00:00:00	00:00:00	ERP

Select all the line items of warehouse task and go to **More Methods** → **Confirm WT in Background**, upon confirmation of warehouse tasks, status of warehouse tasks changes from “blank” (Open) to “C” (Confirm).

The screenshot shows the SAP EWM Wave Item screen. The left sidebar displays a tree structure with 'Outbound' selected, leading to 'Documents' and then 'Wave'. The main area shows a table of wave items. A context menu is open over the table, with 'Confirm WT in Background' highlighted. The table has columns: Wave, Doc. Cat., Template, Option, Description, Wave Type, Wave Cat., Rise Mthd, Calendar, CutoffDate, Cutoff Time, Rise Date, Rise Time, 2ndRiseDate, 2nd Rise Tm, and Pck.C.

Wave	Doc. Cat.	Template	Option	Description	Wave Type	Wave Cat.	Rise Mthd	Calendar	CutoffDate	Cutoff Time	Rise Date	Rise Time	2ndRiseDate	2nd Rise Tm	Pck.C.
4000183	PDO	104		Domestic Route 01 Y214	Y1	Y1	US		00:00:00		00:00:00		00:00:00		

The screenshot shows the SAP EWM Wave Item screen with a 'Display logs' dialog box open. The dialog box contains a list of messages indicating that various warehouse tasks have been confirmed. The messages are as follows:

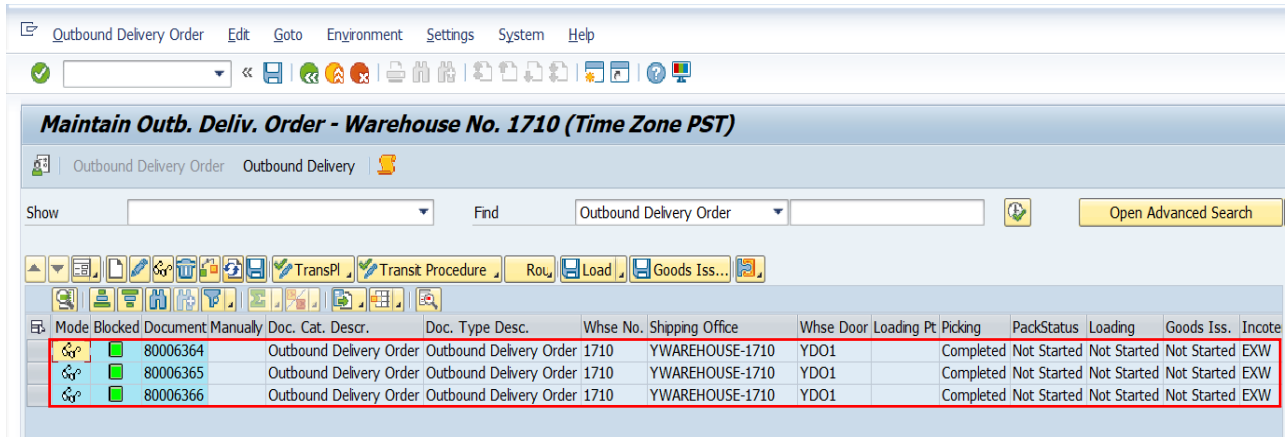
- Warehouse task 100006322 is to be confirmed
- Warehouse task 100006323 is to be confirmed
- Warehouse task 100006324 is to be confirmed
- Warehouse task 100006325 is to be confirmed
- Warehouse task 100006326 is to be confirmed
- Warehouse task 100006327 is to be confirmed
- Warehouse task 100006328 is to be confirmed
- Warehouse task 100006322 was confirmed
- Warehouse task 100006323 was confirmed
- Warehouse task 100006324 was confirmed
- Warehouse task 100006325 was confirmed
- Warehouse task 100006326 was confirmed
- Warehouse task 100006327 was confirmed
- Warehouse task 100006328 was confirmed
- Warehouse task 10000005245 created

After confirmation of warehouse tasks, required material quantity is moved from Source Storage type to Destination Storage type and all the warehouse tasks are confirmed and has **Status C**.

The screenshot shows the SAP EWM Warehouse Task screen. The left sidebar displays a tree structure with 'Outbound' selected, leading to 'Documents' and then 'Warehouse Task'. The main area shows a table of warehouse tasks. The table has columns: Wave, Item, HU, WT, Proc. Type, C, Cat. Desc., Activity, Stor Proc, Step, Status, Created By, Created On, Created At, Conf. By, Conf. Date, Conf. Time, Resource, Reason, Exception, Start Date, and Start Time.

Wave	Item	HU	WT	Proc. Type	C	Cat. Desc.	Activity	Stor Proc	Step	Status	Created By	Created On	Created At	Conf. By	Conf. Date	Conf. Time	Resource	Reason	Exception	Start Date	Start Time
4000183	PDO			1	Y214	2	Stock Removal PICK	MMSP	OBM1	C	MOEEZ	11/20/2024	23:27:20	MOEEZ	11/21/2024	00:06:09				11/21/2.	00:06:09
4000183	PDO			1	Y214	2	Stock Removal PICK	MMSP	OBM1	C	MOEEZ	11/20/2024	23:27:20	MOEEZ	11/21/2024	00:06:09				11/21/2.	00:06:09
4000183	PDO			1	Y214	2	Stock Removal PICK	MMSP	OBM1	C	MOEEZ	11/20/2024	23:27:20	MOEEZ	11/21/2024	00:06:09				11/21/2.	00:06:09
4000183	PDO			1	Y214	2	Stock Removal PICK	MMSP	OBM1	C	MOEEZ	11/20/2024	23:27:20	MOEEZ	11/21/2024	00:06:09				11/21/2.	00:06:09
4000183	PDO			1	Y214	2	Stock Removal PICK	MMSP	OBM1	C	MOEEZ	11/20/2024	23:27:20	MOEEZ	11/21/2024	00:06:09				11/21/2.	00:06:09
4000183	PDO			1	Y214	2	Stock Removal PICK	MMSP	OBM1	C	MOEEZ	11/20/2024	23:27:20	MOEEZ	11/21/2024	00:06:09				11/21/2.	00:06:09

After executing all the steps above, go to **T-code /N/SCWM/PRDO** and enter your Outbound delivery numbers **80006364**, **80006365** and **80006366** and execute it. **Picking** Status is completed when the warehouse tasks are confirmed.



**Maintain Outb. Deliv. Order - Warehouse No. 1710 (Time Zone PST)**

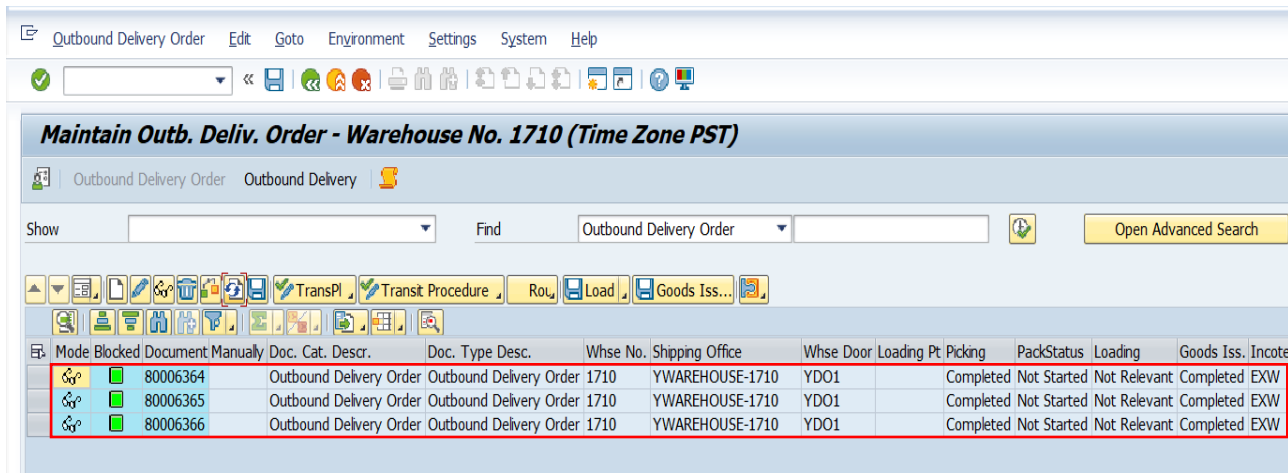
Outbound Delivery Order

Show: [ ] Find: Outbound Delivery Order [ ] [ ] Open Advanced Search

TransPl Transl Procedure Row Load Goods Iss...

Mode	Blocked	Document	Manually	Doc. Cat.	Descr.	Doc. Type	Desc.	Whse No.	Shipping Office	Whse Door	Loading Pt.	Picking	PackStatus	Loading	Goods Iss.	Incote
✓		80006364			Outbound Delivery Order	Outbound Delivery Order		1710	YWAREHOUSE-1710	YDO1		Completed	Not Started	Not Started	Not Started	EXW
✓		80006365			Outbound Delivery Order	Outbound Delivery Order		1710	YWAREHOUSE-1710	YDO1		Completed	Not Started	Not Started	Not Started	EXW
✓		80006366			Outbound Delivery Order	Outbound Delivery Order		1710	YWAREHOUSE-1710	YDO1		Completed	Not Started	Not Started	Not Started	EXW

Next is to select the outbound deliveries line item and click on Goods Issue tab for the Goods issuance of material.



**Maintain Outb. Deliv. Order - Warehouse No. 1710 (Time Zone PST)**

Outbound Delivery Order

Show: [ ] Find: Outbound Delivery Order [ ] [ ] Open Advanced Search

TransPl Transl Procedure Row Load Goods Iss...

Mode	Blocked	Document	Manually	Doc. Cat.	Descr.	Doc. Type	Desc.	Whse No.	Shipping Office	Whse Door	Loading Pt.	Picking	PackStatus	Loading	Goods Iss.	Incote
✓		80006364			Outbound Delivery Order	Outbound Delivery Order		1710	YWAREHOUSE-1710	YDO1		Completed	Not Started	Not Relevant	Completed	EXW
✓		80006365			Outbound Delivery Order	Outbound Delivery Order		1710	YWAREHOUSE-1710	YDO1		Completed	Not Started	Not Relevant	Completed	EXW
✓		80006366			Outbound Delivery Order	Outbound Delivery Order		1710	YWAREHOUSE-1710	YDO1		Completed	Not Started	Not Relevant	Completed	EXW

After the goods issuance Picking and Goods Issue Status are completed.

-----THE END-----