

Test scenario WMS [Shipping Normal Workflow WH]

Shipping Normal Workflow WH Test Scenario

WMS Application [Solid]

Test scenario WMS [Shipping Normal Workflow WH]

1. **Note:** - Containers should be at particular location before performing a shipping cycle.

2. Select the Logical Gate.

Note: Number of Gate reserved should be same as number of Trucks.

a. Go to Menu Configuration

Configuration > Logical Gates > Enter Display button

The screenshot shows the SAP Fiori menu navigation path: Administration > Configuration > Logical Gates. The 'Logical Gates' option is highlighted with a gray background. A tooltip labeled '*Session Management' is visible near the bottom of the menu.

The screenshot shows the 'Logical gates search' configuration screen under 'GENERAL CRITERIA'. It includes fields for Assignment (Shipping), Warehouse (Main Warehouse), and Maximum Results. Buttons for 'Reset Criteria' and 'Display' are at the bottom.

The screenshot shows the 'Logical gates management' list view. The table has columns: Id, Site, Warehouse, Description, Available, Always Available, Status, Type, Assignments, and five checkboxes for assignments (1 through 5). There are 126 data found. The table lists various logical gates with their details, such as Logical Gate 33, Logical Gate 84, etc., across different warehouses and statuses (Reserved, Free).

b. Select the Gates and Click on Save button.

3. Check preparation order status (Launchable)

a. Go to Menu Location

Preparation > Order > Enter PO Number > Display

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Preparation > Boxes
 Shipping > Boxes Cancellation
 Cleanup > Orders

Preparation Shipping

Export Refresh

Edit	Display	Display Box	Preparation Or...	Stuffing Type	Link	OBD1	Preparation Or...	Shipping Status	Preparation Or...				
<input checked="" type="checkbox"/>			226064	_Stuffing Aff...		798777604-01	4504122492	0803015235	_Launchable_	Created	_Standard_		

- b. Select and note product and batch It will show the details of particular preparation order, Like(batch, product etc)

Edit	ID	Preparation Or...	Reception Line...	Reference	Logistoc Unit ID	Qty Per Package	Qty to be prep...	Batch	Customer Prod...	Customer Prod...	Content Status	Silo N...
<input checked="" type="checkbox"/>	226064	798777604-01		22202450	PAL149	4	2	2220248865				0

4. Check Availability of Stock.

- a. Go to Menu Location

Storage > Management > Stock by batch > Enter batch > display

Storage > Management > Containers
 Inter-Warehouse > Printing > Containers Creation
 Silo > Missions > Containers Downgrade
 GoodsIn > Movements > Contents
 Preparation > Movements > Mass Modification
 Shipping > Movements > Stock Snapshot
 Cleanup > Movements > Stock By Batch

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Home > Stock by batch search

General Criteria

Warehouse	=	<input button"="" text"="" type="button" value="---select---</input></td> </tr> <tr> <td>Product</td> <td>=</td> <td><input type="/>	Batch	=	<input type="text" value="2220248865"/>
Description Unit	=	<input text"="" type="button" value="---select---</input></td> <td>Material Type</td> <td>=</td> <td><input type="/>			
Date	≤	<input type="button" value="dd-mm-yyyy"/>			
Maximum Results	<=	<input type="text"/>			

Buttons:

-
-

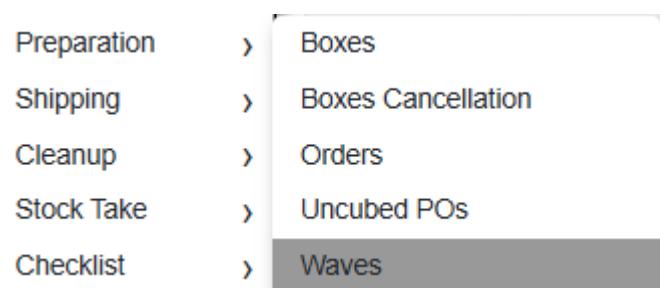
b. If Stock Available and not in Overflow location then proceed ahead with that PO

Batch	display	Created Date	Quantity total	Quantity available	Quantity transit	Quantity damage	Weight total	Weight available	Weight transit	Weight damage
2220248865	2025-02-17 11:...	12	12	0	0	18	18	0	0	
Previous	Page	1	of 1	5 rows	▼	Next				

5. Create New wave and Launch

a. Go to Menu Location

Preparation > Waves > Display > new > Create and select



 New

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[Home](#) > [Wave search](#) > [Wave list](#) > [Wave detail edition](#)
[Create](#) [Create and Select](#)

- b. Click on add line (plus sign)

Export													
Edit	Display Line	Wave No	Status	Shipping status	Workflow status	Comment	No of POs	Number of unla...	Modified Date	Modified by	Delete	Add ...	Launch
		90606	Created	Created	_Without_		0	0	2025-02-17 ...	asis			

- c. Put preparation order and Display

Shipping Criteria											
Min desired delivery date	=	dd-mm-yyyy		Max desired delivery date	=	dd-mm-yyyy					
Preparation Order Type	=	_Standard_		Stuffing Type	=						
Preparation Order	=	798777604-01		Carrier	=						
Dispatch Mode	=			Link	=						
Maximum result	<=										
<input type="button" value="Reset Criteria"/> <input type="button" value="Submit"/>											

- d. Add (plus sign) >> for adding preparation order

Previous													Next
Technical ID	ID	Company	Client no	Preparation ord...	Stuffing type	Urgency	Postcode	Desired deliver...	Desired prepar...	Add	Version	Modified	
226064	798777604-01	SK		_Standard_	_Stuffing Aff...	0					1		

- e. Click on Back, and then click on Tick sign.

Export													
Edit	Display Line	Wave No	Status	Shipping status	Workflow status	Comment	No of POs	Number of unla...	Modified Date	Modified by	Delete	Add ...	Launch
		90606	Created	Created	_Without_		1	0	2025-02-17 ...	asis			

- f. Click on WH.

Fill (Select the logical gate which you have selected in Logical gates Manu in a dropdown). Then click on OK button.

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6. Check the status of preparation order**a. Go to Menu Location**

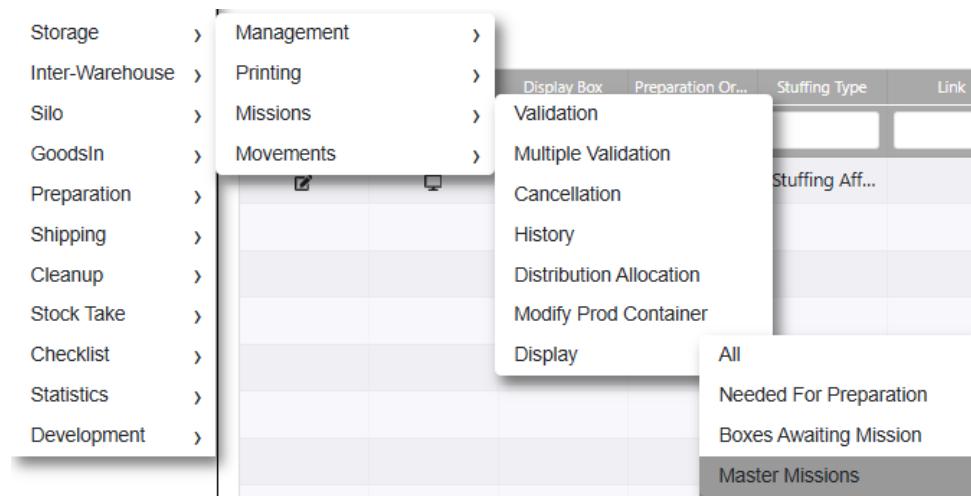
Preparation > Order

b. Enter your preparation order no > Display Status of the PO should be Launched

Edit	Display	Display Box	Preparation Or...	Stuffing Type	Link	OBD1	Preparation Or...	Preparation Or...	Preparation Or...	Preparation Or...	Shipping Status	Preparation Or...
			226064	_Stuffing Aff...			798777604-01	4504122492	0803015235	Launched	Created	_Standard

7. Distribution of mission**a. Go to Menu Location**

Storage > Mission > Display > Master mission

**b. Enter preparation order ID and Display. It will Show Mission No, Mission ID, Origin, Destination, status etc**

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Stock Criteria

Warehouse From	=	---	select---	Warehouse To	=	---	select---
Mission No	=	---	select---	Movement Type	=	---	select---
Status	=	---	select---	User Treat	=	---	select---
Origin Location	=	---	select---	Destination Location	=	---	select---
Preparation Order Id	=	798777604-01		Sabic Order Id	=	---	select---
Sabic Delivery Id	=	---	select---	Saudi Kayan Order Id	=	---	select---
Saudi Kayan Delivery Id	=	---	select---				
Maximum Results	<=	---	select---				

- c. Select row and fill Distributed to (select dropdown) and click on Modification

8. Check mission distribution on Radio Terminal

- a. Go to Menu Location**

Mission > Mission Distribution

Mission Distribution	
Mission	15707856
Priority	6
Allocation	3
Choose Container	_Free_
Origin	B603
Destination	COAREA125
Gate(s)	17
Nb Container to be taken	2

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- b.** Check your Mission and click Enter.
- c.** Copy the location as same and click on Enter.

Mission Distribution

Mission No	15707856
Location	B603
Gate(s)	[17]
Location	B603

Enter Back

- d.** Enter trolley no. 039999905833388709 and click on Enter.

Mission Distribution

Mission No	15707856
Location	B603
Trolley	039999905833387005

Enter Back

- e.** Now we have to enter Container no
 - i.** Which we will get from (Storage > Management > Contents) (WMS application)
 - ii.** Fill the Location, Product, Batch and click on display. (WMS application)"
- f.** Now put the required container one by one and at last click on end.

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Mission Distribution

Mission No	15707856
Location	B603
Trolley	039999905833387005
Container	202488650440008133
Progress	0/2

Enter Delete End Back

- g.** Click on END after loading all your Containers.

Mission Distribution

Mission No	15707856
Location	B603
Trolley	039999905833387005
Container	202488650440008133
Progress	0/2

Enter Delete End Back

9. Unloading Trolley

- a.** Click on unload trolley.

6 **Unload trolley**

- b.** Enter trolley no. And click on enter

Trolley Unloading

Trolley ?	039999905833387005
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Enter Back

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- c. Fill the Location and click enter.

Trolley Unloading

Trolley ?	039999905833387005
Location	COAREA125
Gate(s)	125
Location ?	COAREA125

Enter **Back**

- d. Now enter container no. Which was used at the time of loading of trolley one by one.

Trolley Unloading

Trolley ?	039999905833387005
Location	COAREA125
Gate(s)	125
No Of Containers	2
Containers	202488650440008133
Cont./Trl. ?	202488650440008133

ENTER **Back**

- e. When the entire containers unload and Click on Back.

10. Check the status of wave

- a. Go to Menu Location
- b. Preparation > Wave
- c. Fill wave no and click Display and check the status it should be “InPreparation”

Export												
Edit	Display Line	Wave No	Status	Shipping status	Workflow status	Comment	No of POs	Number of unl...	Modified Date	Modified by	Delete	Add
<input checked="" type="checkbox"/>		90606	_InPreparation_	Created	_Without_		1	0	2025-02-17 13:...	asis		

11. Check the status of preparation order

- a. Go to Menu Location
- Preparation > order > Enter your PO > Display
- b. It should be in “InPreparation”

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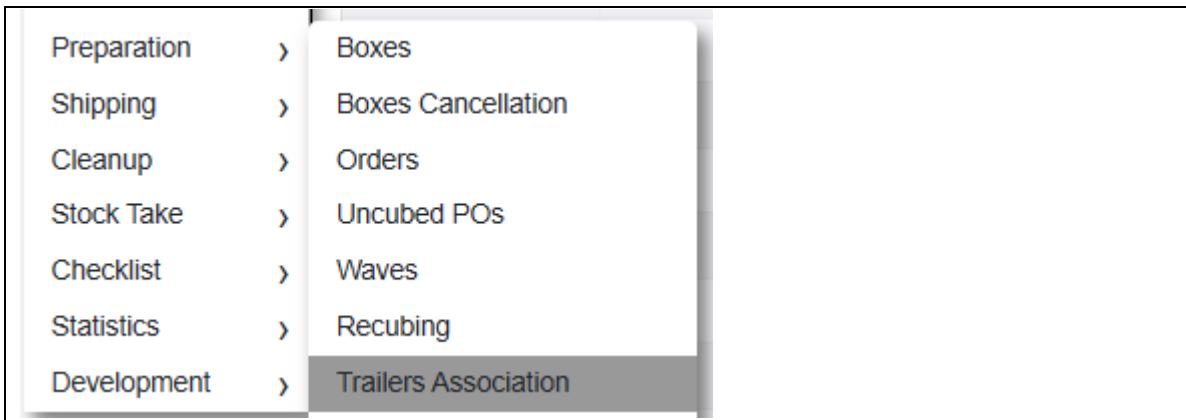
Edit	Display	Display Box	Preparation Or...	Stuffing Type	Link	OBD1	Preparation Or...	Preparation Or...	Preparation Or...	Preparation Order Status	Shipping Status	P
<input type="checkbox"/>			226064	_Stuffing Aff...			798777604-01	4504122492	0803015235	In_Preparation	Created	

12. Trailer association

Note : Number of Gate reserved should be same as number of Trucks.

a. Go to Menu Location

Preparation > Trailer association

**b. Fill the Preparation order and click Display**

The screenshot shows a search form titled 'Home > Trailer association search'. It includes fields for 'Company' (with dropdown menus), 'Link' (with dropdown menus), 'Maximum Result' (with dropdown menu), and 'Preparation Order' (with dropdown menu). The 'Preparation Order' field contains the value '798777604-01', which is highlighted with a blue border. Below the form are 'Reset Criteria' and 'Submit' buttons.

c. Now click on edit and enter the following values and Click on Save

ID	SAP_id	Trailer Type	Trailer Identification L3	Version	Preparation Order	Preparation Order Status	Po Shipping Status	Edit
458421	54079007639439	_40 feet container_		0	798777604-01	Created		<input checked="" type="checkbox"/>

- i. Driver name
- ii. Trailer identification
- iii. RFID tag
- iv. Click on Save button

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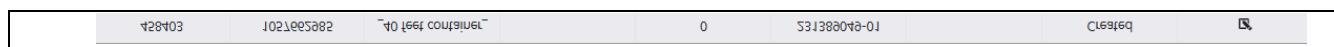
The screenshot shows the SAP WMS 'PREPARATION ORDER' screen. At the top, there is a 'Save' button and a 'PREPARATION ORDER' section. Below it, a 'Preparation order' field contains the value '798777604-01'. Under the 'TRAILER DESCRIPTION' section, there are four rows of data:

SAP Id	54079007639439	Trailer type	_40_feet_container_
Driver name	ayan	RFID tag	N1234
Trailer identification	1234	Empty weight (kg)	3780
Recording gate	WH - Gate Entrance 1	Expected container number	22

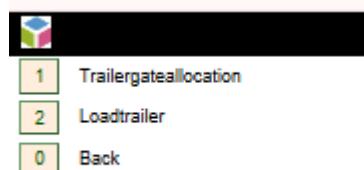
- d. One row will be created or show and match all data as per your entry.

13. Trailer Gate Association

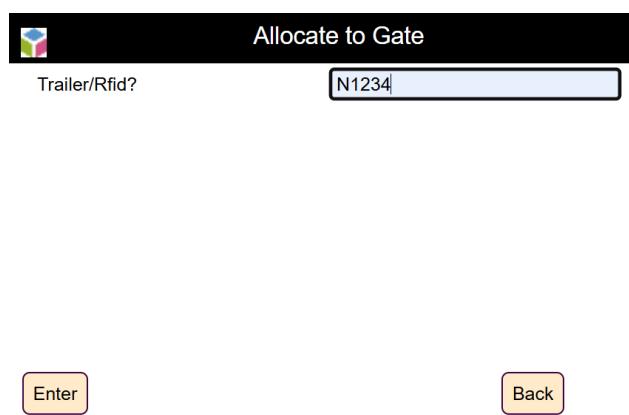
- a. Go to Menu Location
- b. Preparation > Trailer association
- c. Check the status as "gate allocated" and recording gate as "gate shipping" any gate no. Automatically updated (ex gate shipping 5)

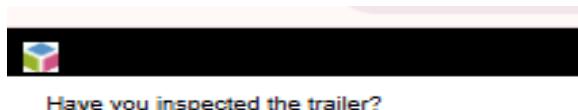
**14. Shipment through Radio Terminal**

- a. Click on shipping menu and Select Trailer/Gate allocation.



- b. Enter "RFID tag/trailer" and click Enter It will show as have you inspected the trailer.



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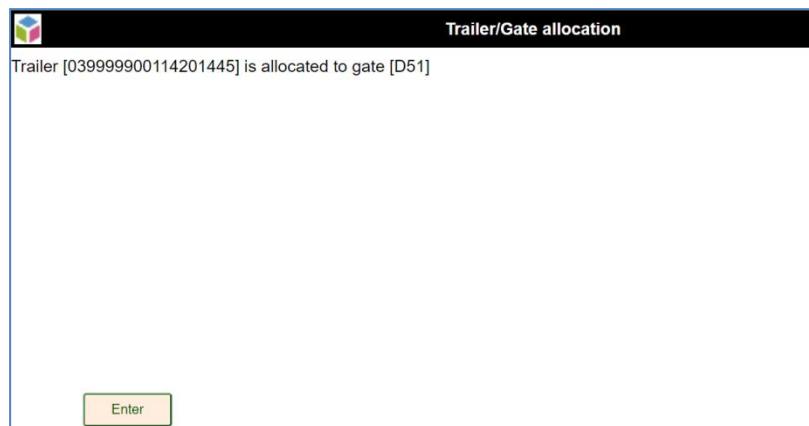
- c. Enter gate (where 'D' is code and the gate no)

A screenshot of a mobile application interface titled "Allocate to Gate". It shows the following data in a table:

Trailer/Rfid?	N1234
Rfid Tag	N1234
Expected Gate	Gate Shipping 125
Gate ?	D125

At the bottom are two buttons: "Enter" on the left and "Back" on the right.

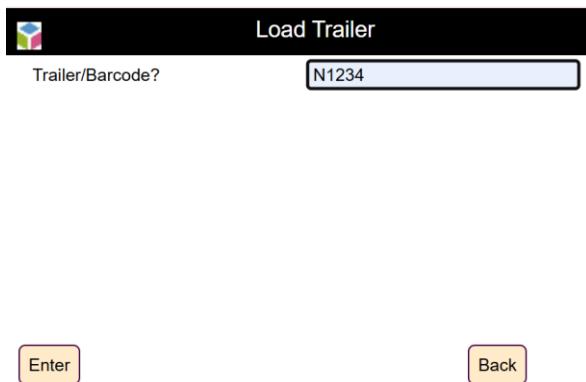
- d. Click on Enter

**15. Trailer Loading**

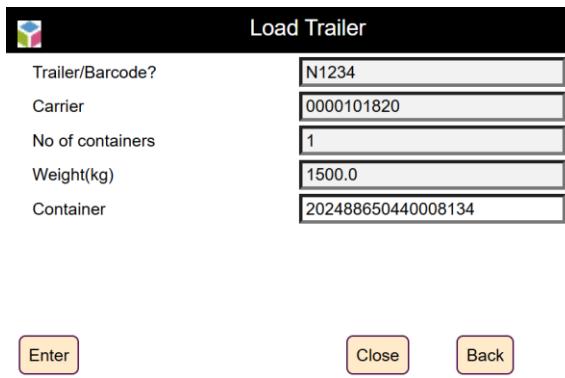
- a. Click on Shipping and select load trailer.

2 Loadtrailer

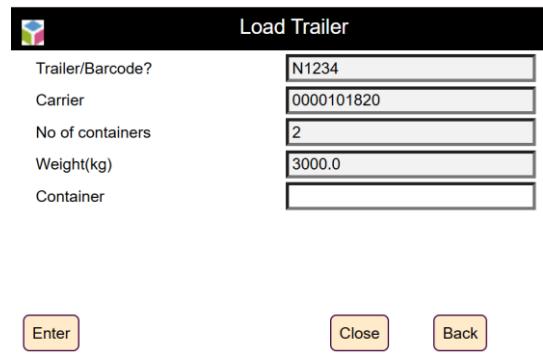
- b. Enter trailer/barcode and check on enter.

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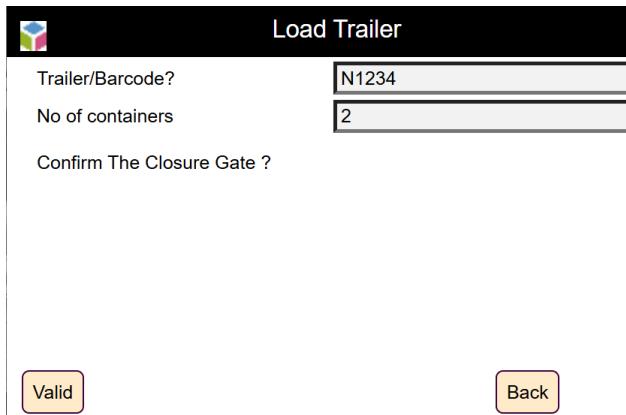
- c. Enter the container no and click on enter.



- d. Click on close button.



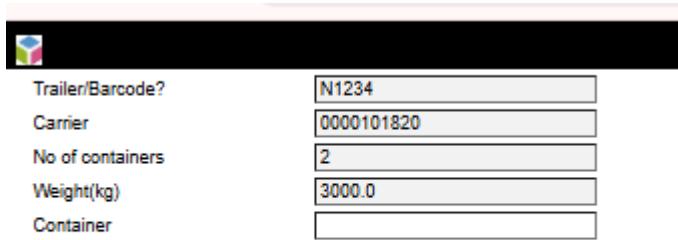
- e. Now go to boxes screen in (WMS-application) (Preparation > Order > Box).
- f. Check the shipping status as palletized.
- g. In the same way scan the entire container one by one and click Close and then click Valid on below screen.

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Load Trailer

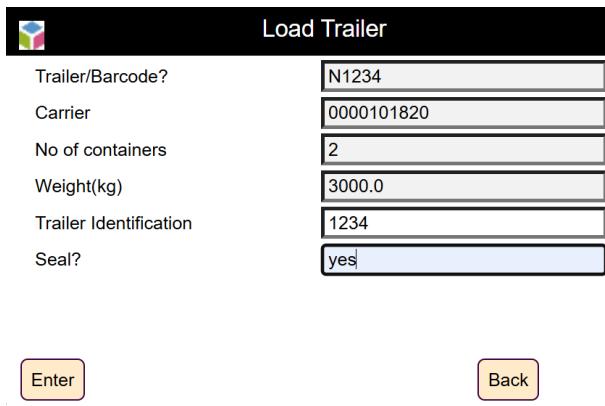
Trailer/Barcode?	N1234
No of containers	2
Confirm The Closure Gate ?	
Valid	Back

- h.** Enter trailer identification and click on Enter.



Trailer/Barcode?	N1234
Carrier	0000101820
No of containers	2
Weight(kg)	3000.0
Container	

- i.** Enter seal and click on valid on below screen. Trailer is now successfully loaded.



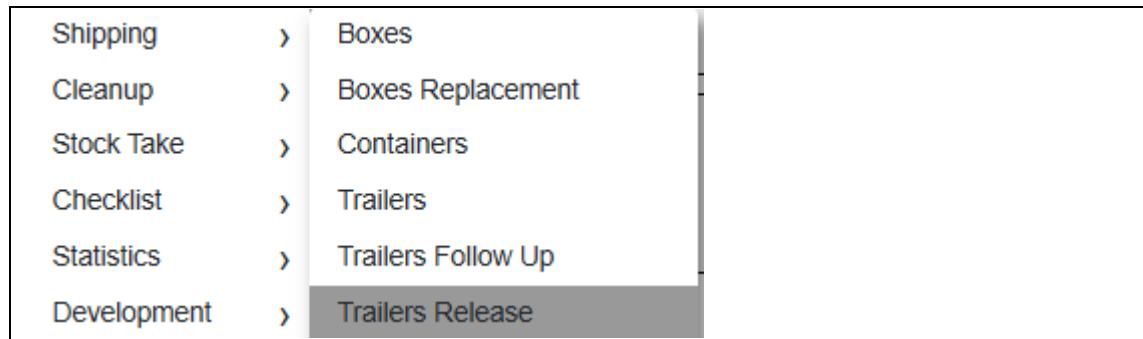
Load Trailer

Trailer/Barcode?	N1234
Carrier	0000101820
No of containers	2
Weight(kg)	3000.0
Trailer Identification	1234
Seal?	yes

Enter	Back
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*Test scenario WMS [Shipping Normal Workflow WH]***16. Trailer Release****a. Go to Menu Location**

Shipping > Trailer release

**b. Fill RFID tag and click on Display**

A screenshot of a search criteria screen titled 'Home > Trailer release search'. The 'General Criteria' section contains the following fields:

Warehouse	=	<input type="text"/>	ID	=	<input type="text"/>
Driver name	=	<input type="text"/>	RFID tag	=	<input type="text"/> N1234
Gate	=	<input type="text"/>	Maximum result	<=	<input type="text"/>

Buttons at the bottom include 'Reset Criteria' and 'Submit'.

c. Select row and click Release.

A screenshot of a table titled 'Trailer release search'. The table has columns: ID, Company, SAP id, Trailer identific..., RFID tag, Driver name, Trailer type, Preparation type, Trailer number, Status, Preparation or..., Recording gate, Weighing status. One row is selected, showing:

0399999044...	SK	5407900763...	1234	N1234	ayan	_40 feet con...	_PLF_	0	_Closed_	798777604-01	Gate Entran...	_Not to be ...
---------------	----	---------------	------	-------	------	-----------------	-------	---	----------	--------------	----------------	----------------

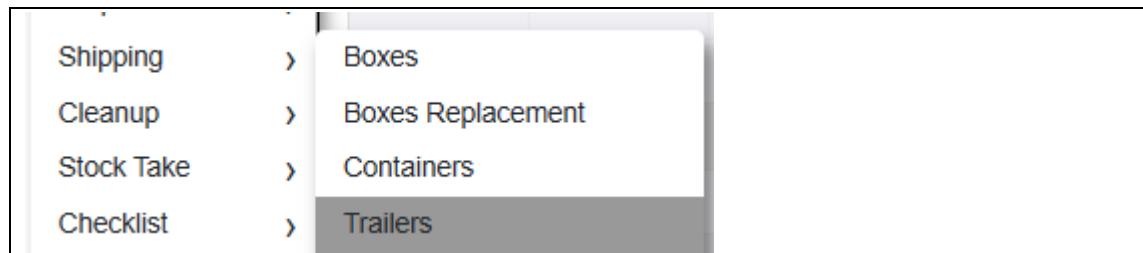
d. Selected row will not be visible after click on release.

A screenshot of the same table after a release. The selected row is no longer visible. The table shows a single row at the top:

0399999044...	SK	5407900763...	1234	N1234	ayan	_40 feet con...	_PLF_	0	_Closed_	798777604-01	Gate Entran...	_Not to be ...
---------------	----	---------------	------	-------	------	-----------------	-------	---	----------	--------------	----------------	----------------

At the bottom of the table, there is a 'Release' button.

17. Trailer Exit**a. Go to Menu Location**

*Test scenario WMS [Shipping Normal Workflow WH]***Shipping > Trailer**

b. Fill RFID tag and click on Display

The screenshot shows a search form titled 'Containers Criteria'. It includes fields for Warehouse, ID, SAP id, Preparation order ID, Wave ID, Preparation type, Trailer number, Status, and Maximum results. The 'RFID tag' field is populated with 'jerry'. At the bottom, there are 'Reset criteria' and 'Display' buttons, and a 'Filters' link.

c. Then scroll right and select trailer icon and click (Trailer exit)

The screenshot shows a table with columns: Exit, Edit, ID, Company, SAP id, Trailer identific..., RRD tag, Driver name, Trailer type, Preparation type, Preparation or..., Recording gate, Container no. A row is selected, indicated by a blue border and a checked checkbox in the 'Edit' column. The trailer icon is visible in the 'Trailer type' column.

18. Check Final Statuses

a. Go to Menu Location

Preparation > Order

- i. Shipping status: palletized / shipping to be confirmed
- ii. Preparation status: prepared
- iii. Stuffing type: stuffing at PLF

The screenshot shows a table with columns: Edit, Display, Display Box, Preparation Or..., Stuffing Type, Link, OBD1, Preparation Or..., Preparation Or..., Preparation Or..., Preparation Or..., Preparation Or..., Shipping Status, Preparation Or... A row is selected, indicated by a blue border and a checked checkbox in the 'Edit' column. The 'Prepared' status is shown in the 'Preparation Or...' column.

b. Go to Menu Location

Preparation > Wave

- i. Shipping status: palletized / shipping to be confirmed

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Export													
Edit	Display Line	Wave No	Status	Shipping status	Workflow status	Comment	No of POS	Number of unla...	Modified Date	Modified by	Delete	Add ...	Launch
<input checked="" type="checkbox"/>	<input type="checkbox"/>	90606	Prepared	_Palletised_	_Without_		1	0	2025-02-17 ...	asis			

c. Go to Menu Location

Storage > Management > Containers

i. Enter Batch number

Home > Containers search

General Criteria

Warehouse	=	---select---	Product Grade	=	
Container No	=		Location	=	
Parent Container No	=		Packaging ID	=	---select---
Status	=	---select---	Type	=	---select---
Batch	=	2220248865	Product	=	
Maximum Result	<=				

Stock Criteria

Movement Status	=	---select---	Warehouse Eligibility	=	---select---
-----------------	---	--------------	-----------------------	---	--------------

Buttons: Reset Criteria, Submit

Edit	Batch	Grade	PLF Container ID	Container No.	Status	Type	Parent Contain...	Packaging ID	Location	Weight (kg)	Product	Modified Date
<input checked="" type="checkbox"/>	2220248865	PCGR45	2220248865...	2024886504...	Validated	_Box shippin...	0399999044...	PPPAL60	ENTRANCE1	1500	22202450	2025-02-17
<input checked="" type="checkbox"/>	2220248865	PCGR45	2220248865...	2024886504...	Validated	_Box shippin...	0399999044...	PPPAL60	ENTRANCE1	1500	22202450	2025-02-17

d. Now we can see that the location status of containers is on ENTRANCE1. It means the trailer is exited successfully.

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