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About

This app provides functionality to capture the outbound process of Picking and Staging.

It provides following main functions.

1. Confirm Picking warehouse tasks with exceptions
2. Confirm Staging warehouse tasks with exceptions
3. Create an HU: This will create a Pick HU in the system (if doesn't exist)
4. Re-pack HU: This packs an entire Pick HU into one of the shipping HUs you have created

Initial Step

1. Select a queue from the dropdown to get list of all warehouse orders which are opened and assigned to a user.
2. (OR) Scan or type warehouse order if known.
3. Cross-button next to fields are to clear the user entries

The screenshot shows the 'Outbound Picking' screen of a mobile application. At the top, there is a back arrow and the title 'Outbound Picking'. Below the title, there are two icons: a blue circle with a white book icon labeled 'WO PICKING', and an orange circle with a white box and arrow icon labeled 'OUTBOX' with a '0' next to it. Below these icons are two tabs: 'Queue' (highlighted in blue) and 'Warehouse Order'. Under the 'Queue' tab, there is a section titled 'Picking by Queue:' followed by a dropdown menu and a blue 'X' button to clear the selection. Below this, a message states 'No warehouse orders for selected queue'. The bottom half of the screen is a large, empty light gray area.

Screen Flow

1. Based on WT either Picking or Staging screen appears
2. On top left WT number and product description is displayed. On center-footer warehouse task count with navigating buttons are displayed

- Fields are enabled/disabled for confirmation based on **Verification Profile** settings in SPRO configuration
- On **selection** of any exception - **values is screen changes or a new screen prompts**. On **unselecting** any exception, new values will be replaced by original ones
- Users can jump to Picking/Staging screen (OR) to different warehouse task clicking **header description** on header

Picking Confirmation

- For confirming a Picking WT, user needs to confirm **Bin, Batch, Material, Quantity, Source-HU** and **PickHU** (use existing or create new)
- Picking Screen consist of **7 exceptions** (BIDF, BIDP, DAMF, DAMP, CHBA, SPLT, SKIP)
- BIDF, BIDP, DAMF, DAMP, SPLT, SKIP exceptions are for quantity and CHBA is for batch. Only one of 6 quantity exceptions with combination of CHBA **can be used at a time**.
- A **reasons dialog** will popup if BIDF, BIDP or SKIP exception selected
- A **warning dialog** will popup if SLED of batch is expired
- Possible errors/messages without server (backend) interaction –
 - ‘Confirmed bin doesn’t match’ (or) ‘confirmed material doesn’t match’ and so on.
 - On network unavailability – ‘Record added to outbox’
 - On lesser qty if SPLT, BIDP or DAMP selected - ‘Cannot apply exception on Qty 1.00’

- After **successful confirmation** a new Staging task is created and will redirect to **next** Picking warehouse task if available (OR) to **staging confirmation screen**

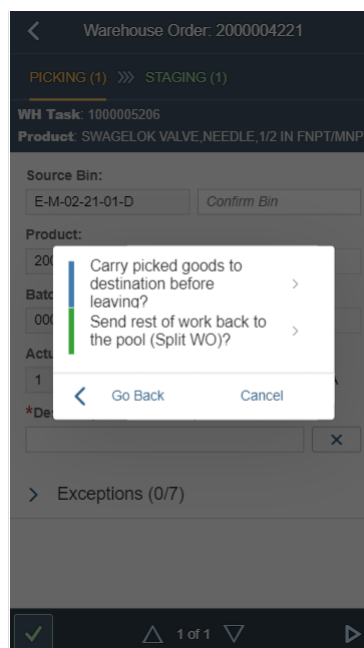
Staging Confirmation

- For confirming a Staging WT, user needs to confirm **Bin** only
- Staging screen consists of **2 exceptions** (CHBD, SHIPHU)
- Both exceptions in Staging can be used together.
- Possible error/messages
 - On network unavailability – ‘Record added to outbox’
 - ‘Confirmed destination bin doesn’t match’ and so on.
- After **successful confirmation** it will redirect to **next** Staging warehouse task if available (OR) **back to main screen**

Exiting PICK activity (Online Only)

On press of back button, a **dialog prompts** with different options

- ‘**Carry picked goods....**’ – Will appear if Staging tasks exists and on selection will redirect to staging screen
- ‘**Send rest of the work...**’ – Will appear always when Online and on selection will either un-assign resource from Warehouse order or create a new warehouse order based on backend logic
- ‘**Go Back**’ – Will take back to first screen without performing above two actions
- ‘**Cancel**’ – Will close the dialog and stays on the same screen.

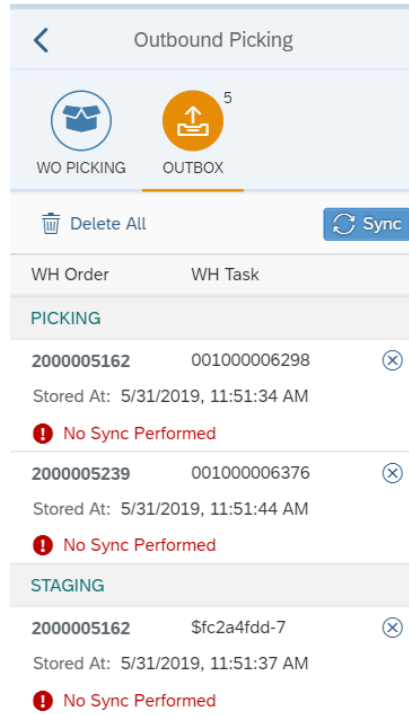


Exceptions

- BIDP – Redirects to **new screen** -> Asks for **actual quantity** and auto calculates the difference -> press '**confirm**' button to navigate back to Picking screen -> prompts the **reason dialog** -> makes Quantity field disabled and value to **qty entered** in prior screen
- DAMF - Stays on Picking screen -> makes Quantity field disabled and value to 0
- DAMP – Redirects to **new screen** -> Asks for **actual quantity** and auto calculates the difference -> press '**confirm**' button to navigate back to Picking screen -> makes Quantity field disabled and value to **qty entered** in prior screen
- CHBA – Redirects to **new screen** -> Asks for **new batch** and validates online/offline -> if no error, navigates back to Picking screen
- SPLT – Redirects to **new screen** -> Asks for **actual quantity** and auto calculates the difference -> press '**confirm**' button to navigate back to Picking screen -> makes Quantity field disabled and value to **qty entered** in prior screen
- SKIP - Prompts the **reason dialog** -> select a reason and **confirm**
- CHBD - Redirects to **new screen** -> Enter or select an **outbound bin** from dropdown -> if no error, navigates back to Staging screen
- SHIPHU - Redirects to **new screen** -> enter an existing HU -> if no error, navigates back to staging screen

Offline Functionality

- Open and user assigned warehouse orders along with warehouse tasks are **downloaded** initially when connected to network
- All the transactions performed on Picking and Staging screen are saved in outbox. A quick message **Record added to outbox** is shown after confirming a transaction.
- Records in outbox are **grouped by** Picking or Staging WT and have default message 'No sync performed'



- ‘**Delete All**’ button clears entire outbox. ‘**Cross icon**’ on outbox list item removes specific warehouse task from outbox. ‘**Sync**’ button synchronizes with SAP
- New **Staging WT** is created for each Picking WT confirmed. New WT created in offline mode starts with **\$ sign**. After synchronization \$ sign WT is replaced by system generated WT number
- After sync, records are removed from outbox on **success**
- After sync, records along with standard message are shown in outbox on **error**

Offline limitations

- 5 Exceptions BIDF, BIDP, DAMP, DAMF, SKIP will not suggest new bin or create new warehouse task in offline.
- SPLT cannot be performed on same warehouse task more than one time.

Planned Outage

In the case where you are aware that the system is going to go down, please ensure to open the picking app so that auto-download of all warehouse order happens.