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**Test Case: BASE-CNT-4021 Mobile Inventory Count Summary Directed**

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Perform Mobile Inventory Count Summary Directed

This document documents the test case specifications for the BASE-CNT-4021 Bundle Test Case implementing Mobile Inventory Count Summary Directed.  
  
**Please note**: The inputs used in these test case specifications (defined in the input CSV files or Datastore) are relative to our testing warehouse environment and are provided as examples. These inputs should be substituted with valid inputs relative to your WMS environment.

Test Case Setup

* Test Case Background function will run the standard set of setup scenarios for the bundle.
* Test Case Dataset
  + Creates a count batch including the specified non-empty location
  + Releases counts for processing

Test Case Cleanup

* The Test Case After Scenario will run the standard cleanup actions for the bundle.   
  **NOTE:** This including logging out of all interfaces (Terminal, Web, and Mobile).
* Data created during dataset creation and execution is cleaned up.

Test Case Prerequisites and Assumptions

* For Directed work, the user and Mobile App need to be setup to do count work.
* There should be no other-directed work in the system that the user and device are eligible for. Only count work should show up on the Mobile App.
* Locations, parts, clients, reason codes are set up for counting
* The cnttyp specified in is set up for summary counting
* Some sample data example rows require SERIALIZED CRDL\_TO\_GRAVE parts to be available in the WMS
* This test case does not create inventory to be counted in the dataset, it relies on inventory being in the WMS

Test Case Examples

This Test Case will be run with the following examples/permutations specified in Test Case Inputs CSV file.

* Specifying stoloc and specifying a serialized prtnum/prt\_client\_id with mismatch
* Specifying stoloc and specifying prtnum/prt\_client\_id/untqty/numUOMs
* Specifying stoloc, but not prtnum/prt\_client\_id/untqty/numUOMs
* Specifying stoloc and mismatch creation, but not prtnum/prt\_client\_id/untqty/numUOMs
* Specifying stoloc and blind counting, but not prtnum/prt\_client\_id/untqty/numUOMs

Test Case Configurations

The Test Case will be run in the following test configurations:

* Blue Yonder Mobile Application
  + Google Chrome
  + Microsoft Edge

Test Case Verification Approach

This test case performs a cycle summary count in the Mobile in Directed work mode, Mobile verifications of screens and state are conducted on each step.

Test Case Specification

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| **Test Case:** BASE-CNT-4021 Mobile Inventory Count Summary Directed | **Description:** Mobile Inventory Count Summary Directed **Functional Area:** Inventory **Test Case Type:** Regression **Dataset:** Datasets/Base/Inv\_Count\_Summary **Test Case Inputs:** Test Case Inputs/BASE-CNT-4021.csv  **Duration:** 4.0 minutes (for each example) |

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| **Steps, Actions, and Expected Results** | **Supporting information and/or Affected Data** |
| **Step 1**: Login to Mobile Application  **Actions**:   * Enter into the Mobile App an appropriate User ID and Password * Click on the **SIGN IN** button * When presented with “Specify Terminal ID” Screen enter the appropriate **Terminal ID** and press **Enter** * When presented with “Work Information” screen, enter the appropriate information for **Location, Vehicle Type, and Work Area**   **Expected Results**:   * User is successfully logged in and is at the Undirected Menu |  |

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| **Example A:**  Specifying storage location and a serialized part/part client\_id with mismatch |  |
| **Step 2A**: Navigate to the DirectedWork screen  **Actions**:   * Select **Directed Work**   **Expected Results**:   * User is on the Directed Mode screen |  |
| **Step 3A :** Confirm count and verify locaton. Enter part and client information.  **Actions**:   * Press **Enter** on **Next[Enter]** area * Confirm the Count Location by entering the storage location (defined in input file) in the **Verify Location** field. * **Enter** the prtnum (defined in the input file) in **Item Number** field and client\_id in the **Item Client ID** field.   **Expected Results**:   * Mobile App will on Quantity Capture Screen |  |

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| **Step 4A**: Enter details in Quantity Capture screen  **Actions**:   * Enter **quantity** relative to each unit of measure (generating an intentional mismatch)   **Expected Results**:   * Mobile App will display popup with “ Unexpected Entry – Please Re-Enter” (because create\_mismatch is set in the input file) |  |
| **Step 5A**: Re-enter details Quantity Capture Screen  **Actions**:   * Press **Enter** to dismiss the popup * Enter quantity relative to each unit of measure (confirming the intentional mismatch)   **Expected Results**:   * Mobile App will on Cycle Count Screen |  |
| **Step 6A**: Complete Summary Count  **Actions**:   * Press **F6**   **Expected Results**:   * Mobile App will come back to Directed Mode screen |  | |
| **Final State:** Mobile App will display Directed Mode Screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout and Answer End of Day popup questions. |  |

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| **Example B:**  Specifying storage location and part, part client ID, quantity, and number of UOMs |  |
| **Step 2B**: Navigate to the DirectedWork screen  **Actions**:   * Select **Directed Work**   **Expected Results**:   * User is on the Directed Mode screen |  |
| **Step 3B:** Confirm count and verify location. Enter part and client information.  **Actions**:   * Press **Enter** on **Next[Enter]** area * Confirm the Count Location by entering the storage location (defined in input file) in the **Verify Location** field. * **Enter** the prtnum (defined in the input file) in **Item Number** field and client\_id in the **Item Client ID** field.   **Expected Results**:   * Mobile App will be on Quantity Capture Screen |  |
| **Step 4B**: Enter details in Quantity Capture screen  **Actions**:   * Enter **quantity** relative to each unit of measure (NO mismatch is generated)   **Expected Results**:   * Capture is completed and user is returned to the Cycle Count Screen |  |

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| **Step 5B**: Complete Summary Count  **Actions**:   * Press **F6**   **Expected Results**:   * Mobile App will return to the Directed Mode screen |  |
| **Final State:** Mobile App will display Directed Mode Screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout and Answer End of Day popup questions. |  |

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| **Example C:**  Specifying storage location, but not part, part client ID, quantity, or number of UOMs |  |
| **Step 2C**: Navigate to the DirectedWork screen  **Actions**:   * Select **Directed Work**   **Expected Results**:   * User is on the Directed Mode screen |  |
| **Step 3C:** Confirm count and verify location. Enter part and client information.  **Actions**:   * Press **Enter** on **Next[Enter]** area * Confirm the Count Location by entering the storage location (defined in input file) in the **Verify Location** field.   **Repeat:**   * **Accept** the item in **Item Number** field and client ID in the **Item Client ID** * Move to the **Quanity Capture screen** and record the quantity for **each UOM (NO mismatch)** * **Repeat this process for the remaining inventory in the location**   **Expected Results**:   * Mobile App will be on the Cycle Count |  |

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| **Step 4C**: Complete the Summary Count  **Actions**:   * Press **F6**   **Expected Results**:   * Mobile App will come back to Directed Mode screen |  | |
| **Final State:** Mobile App will display Directed Mode Screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout and Answer End of Day popup questions. |  |

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| **Example D:**  Specifying storage location with mismatch, but not part, part client ID, quantity, or number of UOMs |  |
| **Step 2D**: Navigate to the DirectedWork screen  **Actions**:   * Select **Directed Work**   **Expected Results**:   * User is on the Directed Mode screen |  |
| **Step 3D:** Confirm count and verify location. Enter part and client information.  **Actions**:   * Press **Enter** on **Next[Enter]** area * Confirm the Count Location by entering the storage location (defined in input file) in the **Verify Location** field.   Repeat:   * **Specify** the item in **Item Number** field and client ID in the **Item Client ID** (determined by MSQL script) * Move to the **Quanity Capture screen** and record the **quantity** for **each UOM (Generate a mismatch)** * Mobile App will display popup with “ Unexpected Entry – Please Re-Enter” (because create\_mismatch is set in the input file) * Handle mismatch by re-entering and recording mismatched **quanties** for **each UOM** on the **Quantity Capture** screen * **Repeat this process for the remaining inventory in the location**   **Expected Results**:   * Mobile App will be on the Cycle Count |  |

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| **Step 4D**: Complete the Summary Count  **Actions**:   * Press **F6**   **Expected Results**:   * Mobile App will come back to Directed Mode screen |  | |
| **Final State:** Mobile App will display Directed Mode Screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout and Answer End of Day popup questions. |  |

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| **Example E:**  Specifying stoloc and blind counting, but not prtnum/prt\_client\_id/untqty/numUOMs |  |
| **Step 2E**: Navigate to the DirectedWork screen  **Actions**:   * Select **Directed Work**   **Expected Results**:   * User is on the Directed Mode screen |  |
| **Step 3E:** Confirm count and verify location. Enter part and client information.  **Actions**:   * Press **Enter** on **Next[Enter]** area * Confirm the Count Location by entering the storage location (defined in input file) in the **Verify Location** field.   Repeat:   * **Accept (Blind)** the specified values for item in **Item Number** field and client ID in the **Item Client ID** * Move to the **Quanity Capture screen** and record the **quantity** for **each UOM (Generate a mismatch)** * Mobile App will display popup with “ Unexpected Entry – Please Re-Enter” (because create\_mismatch is set in the input file) * Handle mismatch by re-entering and recording mismatched **quanties** for **each UOM** on the **Quantity Capture** screen * **Repeat this process for the remaining inventory in the location**   **Expected Results**:   * Mobile App will be on the Cycle Count |  |

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| **Step 4E**: Complete the Summary Count  **Actions**:   * Press **F6**   **Expected Results**:   * Mobile App will come back to Directed Mode screen |  | |
| **Final State:** Mobile App will display Directed Mode Screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout and Answer End of Day popup questions. |  |