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**Test Case: BASE-CNT-0050 Terminal Inventory Count Manual Undirected**

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Perform Terminal Inventory Count Manual Undirected

This document documents the test case specifications for the BASE-CNT-0050 Bundle Test Case implementing Terminal Inventory Count Manual Undirected.  
  
**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
  + Data load is not required

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

* Setup manual counting correctly: The WMS lets you setup a combination of count types and count zones that result in errors while executing the manual counts.
* Locations, parts, clients, reason codes are set up for counting
* The load to be manually counted will be selected from existing in the environment. There needs to be sufficient inventory that will match the selection criteria
* Configuration to generate audit count after a mismatched count

Test Case Examples

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

* Performs a load level matched count on the specified location - item in location must be tracked at load level.
* Performs a load level mismatched count on the specified location - item in location must be tracked at load level.
* Performs a sub-load level matched count on the specified location - item in location must be tracked at sub-load level.
* Performs a sub-load level mismatched count on the specified location - item in location must be tracked at sub-load level.
* Performs a detail level matched count on the specified location - item in location must be tracked at detail level.   
  The detail can take untqty value of either 0 or 1 - needs to be considered if mismatch is desired at the detail level.

Test Case Configurations

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

* Narrow Terminal
* Wide Terminal

Test Case Verification Approach

This test will verify screen data in-line within the test step sections. No error messages, abnormal processing, or screens failing to display/load should occur.

Test Case Specification

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| **Test Case:** BASE-CNT-0050 Terminal Inventory Count Manual Undirected | **Description:** Terminal Inventory Count Manual Undirected **Functional Area:** Inventory **Test Case Type:** Regression **Dataset:** Datasets/Base/Manual\_Count **Test Case Inputs:** Test Case Inputs/BASE-CNT-0050.csv  **Duration:** 2.5 minutes (for each example) |

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| **Steps, Actions, and Expected Results** | **Supporting information and/or Affected Data** |
| **Step 1**: Login to Terminal  **Actions**:   * Enter into the terminal a valid **Terminal ID** * Click **ENTER** * Enter into the terminal appropriate User ID and Password * Click **ENTER** * Enter the terminal appropriate Work Information data   **Expected Results**:   * User is successfully logged in and is at the Undirected Menu |  |

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| **Example A:**  Performs a load level **matched count** on the specified location - item in location must be tracked at load level |  |
| **Step 2A**: Navigate to the Manual count screen  **Actions**:   * Select **Cycle Count Menu** * Select **Manual Count**   **Expected Results**:   * Manual Count Screen is now visable |  |
| **Step 3A**: Scan location, load, part and client id.  **Actions**:   * Enter the stoloc (from the input file) in **the Inventory Identifier** Field. The Count Adjustment Screen should now be displayed. * Enter the Load Number (determine by MSQL script) in the **Inventory Identifier** field * Enter the Part Number (determine by MSQL script) in the **Item Number** Field * Enter the Client iD (determine by MSQL script) in the **Item Client ID** field   **Expected Results**:   * Terminal will be on Quantity Capture Screen |  |

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| **Step 4A**: Perform Quantity Capture (**NO mismatch**)  **Actions**:   * Enter quantity for each UOM **(NO mismatch)**   **Expected Results**:   * Terminal will move to the Count Adjustment Screen |  |
| **Step 5A:** Complete the Count  **Actions**:   * Press **F6**   **Expected Results**:  Terminal will move to Manual Count screen |  |
| **Final State:** Terminal will move to Manual Count screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout.   Standard verification and log off functions are performed | |  |

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| **Example B:** Performs a load level **mismatched count** on the specified location - item in location must be tracked at load level |  |
| **Step 2B**: Navigate to the Manual count screen  **Actions**:   * Select **Cycle Count Menu** * Select **Manual Count**   **Expected Results**:   * Manual Count Screen is now visable |  |
| **Step 3B**: Scan location, load, part and client id.  **Actions**:   * Enter the stoloc (from the input file) in **the Inventory Identifier** Field. The Count Adjustment Screen should now be displayed. * Enter the Load Number (determine by MSQL script) in the **Inventory Identifier** field * Enter the Part Number (determine by MSQL script) in the **Item Number** Field * Enter the Client iD (determine by MSQL script) in the **Item Client ID** field   **Expected Results**:   * Terminal will be on Quantity Capture Screen |  |

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| **Step 4B**: Perform Quantity Capture (**generating a mismatch**)  **Actions**:   * Enter quantity for each UOM (**generate an intentional mismatch)**   **Expected Results**:   * Terminal will move to the Count Adjustment Screen |  |
| **Step 5B:** Complete the Count  **Actions**:   * Press **F6** * A popup with **“Discrepancy Found in this count”** will appear. Press Enter to dismiss. * A popup with **“Count/Audit cannot be completed. Counts are still outstanding”** will appear. Press Enter to dismiss (test will validate that an audit count was generated)   **Expected Results**:  Terminal will move to Manual Count screen |  |
| **Final State:** Terminal will move to Manual Count screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout.   Standard verification and log off functions are performed | |  |

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| **Example C:** Performs a sub-load level **matched count** on the specified location - item in location must be tracked at sub-load level |  |
| **Step 2C**: Navigate to the Manual count screen  **Actions**:   * Select **Cycle Count Menu** * Select **Manual Count**   **Expected Results**:   * Manual Count Screen is now visable |  |
| **Step 3C**: Scan location, load, part and client id.  **Actions**:   * Enter the stoloc (from the input file) in **the Inventory Identifier** Field. The Count Adjustment Screen should now be displayed. * Enter the Load Number (determine by MSQL script) in the **Inventory Identifier** field * Enter the Part Number (determine by MSQL script) in the **Item Number** Field * Enter the Client iD (determine by MSQL script) in the **Item Client ID** field   **Expected Results**:   * Terminal will be on Quantity Capture Screen |  |
| **Step 4C**: Perform Quantity Capture (NOT generating a mismatch)  **Actions**:   * Enter quantity for each UOM (**NO mismatch)**   **Expected Results**:   * Terminal will move to the Count Adjustment Screen if completed with all Sub-Load items, if not, will move to next Sub-Load item. |  |
| **Step 5C:** Repeat for each Sub-Load level item in the location  **Actions**:   * Pertform **Steps 3C and 4C** **for each Sub-Load item** in the location   **Expected Results**:   * Terminal will move to the Count Adjustment Screen |  |
| **Step 6C:** Complete the Count  **Actions**:   * Press **F6**   **Expected Results**:  Terminal will move to Manual Count screen |  |

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| **Final State:** Terminal will move to Manual Count screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout.   Standard verification and log off functions are performed |  |

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| **Example D:** Performs a sub-load level **mismatched count** on the specified location - item in location must be tracked at sub-load level |  |
| **Step 2D**: Navigate to the Manual count screen  **Actions**:   * Select **Cycle Count Menu** * Select **Manual Count**   **Expected Results**:   * Manual Count Screen is now visable |  |
| **Step 3D**: Scan location, load, part and client id.  **Actions**:   * Enter the stoloc (from the input file) in **the Inventory Identifier** Field. The Count Adjustment Screen should now be displayed. * Enter the Load Number (determine by MSQL script) in the **Inventory Identifier** field * Enter the Part Number (determine by MSQL script) in the **Item Number** Field * Enter the Client iD (determine by MSQL script) in the **Item Client ID** field   **Expected Results**:   * Terminal will be on Quantity Capture Screen |  |
| **Step 4D**: Perform Quantity Capture (**generating a mismatch**)  **Actions**:   * Enter quantity for each UOM (**generating an intentional mismatch)**   **Expected Results**:   * Terminal will move to the Count Adjustment Screen if completed with all Sub-Load items, if not, will move to next Sub-Load item. |  |
| **Step 5D:** Repeat for each Sub-Load level Inventory Identifier in the location  **Actions**:   * Pertform **Steps 3C and 4C** **for each Sub-Load Inventory Identifier** in the location   **Expected Results**:   * Terminal will move to the Count Adjustment Screen |  |
| **Step 6D:** Complete the Count  **Actions**:   * Press **F6** * A popup with **“Discrepancy Found in this count”** will appear. Press Enter to dismiss. * A popup with **“Count/Audit cannot be completed. Counts are still outstanding”** will appear. Press Enter to dismiss (test will validate that an audit count was generated)   **Expected Results**:  Terminal will move to Manual Count screen |  |
| **Final State:** Terminal will move to Manual Count screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout.   Standard verification and log off functions are performed | |  |

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| **Example E:** Performs a detail level **matched count** on the specified location - item in location must be tracked at detail level.  The detail can take untqty value of either 0 or 1 - needs to be considered if mismatch is desired at the detail level. |  |
| **Step 2E**: Navigate to the Manual count screen  **Actions**:   * Select **Cycle Count Menu** * Select **Manual Count**   **Expected Results**:   * Manual Count Screen is now visable |  |
| **Step 3E**: Scan location, load, part and client id.  **Actions**:   * Enter the stoloc (from the input file) in **the Inventory Identifier** Field. The Count Adjustment Screen should now be displayed. * Enter the Load Number (determine by MSQL script) in the **Inventory Identifier** field * Enter the Part Number (determine by MSQL script) in the **Item Number** Field * Enter the Client iD (determine by MSQL script) in the **Item Client ID** field   **Expected Results**:   * Terminal will be on Quantity Capture Screen |  |

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| **Step 4E**: Perform Quantity Capture (**NOT generating a mismatch**)  **Actions**:   * Enter quantity for each UOM (**NO mismatch)**   **Expected Results**:   * Terminal will move to the Count Adjustment Screen if completed with all Detail-Level tracked items, if not, will move to next Detail-Level tracked item. |  |
| **Step 5E:** Repeat for each Sub-Load level Inventory Identifier in the location  **Actions**:   * Pertform **Steps 3C and 4C** **for each Detail Level Tracked Inventory Identifier** in the location   **Expected Results**:   * Terminal will move to the Count Adjustment Screen |  |
| **Step 6E:** Complete the Count  **Actions**:   * Press **F6**   **Expected Results**:  Terminal will move to Manual Count screen |  |
| **Final State:** Terminal will move to Manual Count screen  **Actions**:   * Traversal to the Undirected Menu is completed and User is asked to Logout.   Standard verification and log off functions are performed | |  |