LE100R.MBR

Path: NXCLOUD/rpgsrc/LE100R.MBR **Generated**: 2026-01-09 10:13:44 **Processing Time**: 12145ms

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Business Logic for LE100R

This document outlines the business rules that govern the maintenance of counting lists, based on an analysis of the RPG program LE100R. The primary focus is on the logic surrounding the management of batch records and their associated counting lists.

The core logic for processing counting lists is contained within the various subroutines defined in LE100R. The program interacts with multiple files to retrieve and manipulate data related to batches and counting lists.

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Order Status and Header Rules

LE100R: lbchpfr, ltelpfr, vvarpfr, vvenpfr

1. Batch Record Retrieval

•**Logic:** The program retrieves batch information from the lbchl1 file based on the provided batch ID.

•**File:** lbchl1 (Batch header file)

•**Field:** lbchl1_batc

•**Condition:** The process will not proceed if the batch ID is not found in the lbchl1 file.

2. Counting List Number Assignment

•**Logic:** The program assigns the counting list number from the batch record to the counting list records.

•**File:** ltellr (Counting list records)

•**Field:** ltellr_numm

•**Condition:** The counting list will not be updated if the batch record is not found.

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Configuration and Authorization Rules

1. Batch ID Validation

•**Logic:** The program checks if a valid batch ID is provided; if not, it calls a subprogram to prompt for a valid input.

•**Files:**

•lbchl1 (Batch header file)

•ltellr (Counting list records)

•**Fields:**

•lbchl1_batc (from lbchl1)

•ltellr_batc (from ltellr)

•**Condition:** If the batch ID is blank, the program will prompt the user for input.

2. User Authorization Check

•**Logic:** The program checks if the user has the necessary permissions to modify counting list records.

•**File:** vvenlr (Unit of measure file)

•**Field:** vvenlr_enhe
•**Condition:** The process will not allow updates if the user does not have the required permissions.

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Financial and Transactional Rules

1. Record Deletion

•**Logic:** The program allows for the deletion of counting list records if certain conditions are met.
•**File:** ltellur (Counting list update records)
•**Fields:**
•ltellu_line (Line number in counting list)
•ltellu_batc (Batch ID)
•**Condition:** A record can only be deleted if it is not part of a cyclic count.

2. Record Update

•**Logic:** The program updates counting list records with new values based on user input.
•**File:** ltellur (Counting list update records)
•**Condition:** The record will only be updated if it exists in the database.

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Special Conditions (Program-Specific)

1. Cyclic Count Restriction (LE100R)

•**Logic:** The program prevents updates to counting list records that are part of a cyclic count, requiring deletion and re-entry instead.
•**File:** ltellur (Counting list update records)
•**Field:** lcstel
•**Condition:** If lcstel equals 1, the program displays an error message and does not allow updates. Note: This restriction is enforced to maintain data integrity.

2. Batch Processing Call (LE100R)

•**Logic:** The program can be called with a specific batch ID for processing.
•**File:** CO402R (External program for batch processing)
•**Fields:** p_batc, p_firm
•**Condition:** The program checks if the batch ID is valid before proceeding with the call.

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Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms are called that play a significant role in the workflow.

1. LC500R (Batch Input Program)

•**Trigger:** Called when the batch ID is not provided.
•**Logic:** Prompts the user to enter a valid batch ID.
•**Impact:** This call acts as a **major logical gateway** for ensuring valid input before proceeding with processing.

2. VV500R (Item Query Program)

•**Trigger:** Called when validating item numbers.
•**Logic:** Checks if the provided item number exists in the inventory.

•**Impact:** This ensures that only valid items can be processed in the counting list.

3. AA007R (Error Handling Program)

•**Trigger:** Called when an invalid operation is attempted on cyclic counting lines.

•**Logic:** Displays error messages to the user.

•**Impact:** This represents the handoff to user feedback for error handling and ensures user awareness of data integrity issues.