

# HR122R.MBR

**Path:** NXCLOUD/rpgsrc/HR122R.MBR **Generated:** 2026-01-08 15:03:50 **Processing Time:** 12717ms

## Business Logic for HR122R

This document outlines the business rules that govern the batch number inquiry process for radio terminals, based on an analysis of the RPG program HR122R. The primary focus is on the handling of subfiles and user interactions within the program.

The core logic for batch number inquiries is contained within the \*inzsr subroutine in HR122R. The program processes user input to display batch numbers and allows for navigation and selection within a subfile.

## Order Status and Header Rules

HR122R: lbchl1, hr122d

### 1. Batch Number Selection

- Logic:** The program allows users to select a batch number from a subfile. If a batch number is selected, it is stored in the parameter p\_batc.
- File:** lbchl1 (Batch Number File)
- Field:** b1valg
- Condition:** The selection is confirmed if b1valg equals 1.

### 2. Subfile Display Control

- Logic:** The program controls the display of the subfile based on the current record number. If there are records to display, it shows the subfile; otherwise, it displays a command screen.
- File:** b2cmd (Command Screen)
- Field:** w\_srrn
- Condition:** The subfile is displayed if w\_srrn is not equal to 0.

## Configuration and Authorization Rules

### 1. Parameter Initialization

- Logic:** The program initializes parameters for firm and batch number upon entry.
- Files:**
  - lbchl1 (Batch Number File)
- Fields:**
  - w\_firm (Firm Identifier)
  - lbchl1\_batc (Batch Number)
- Condition:** The parameters are set when the program starts.

### 2. Subfile Clearing

- Logic:** The program clears the subfile before populating it with new data.
- File:** b2ctl (Control Record)
- Field:** \*in14
- Condition:** The subfile is cleared when the clr\_subfile subroutine is called.

# Financial and Transactional Rules

## 1. Batch Number Filtering

- Logic:** The program filters batch numbers based on the firm identifier. Only records matching the current firm are processed.
- File:** lbchl1 (Batch Number File)
- Fields:**
  - lcfirm (Firm Identifier)
  - lcbatc (Batch Number)
- Condition:** Records are processed only if lcfirm matches w\_firm.

## 2. Subfile Population

- Logic:** The program populates the subfile with batch numbers from the lbchl1 file, incrementing the record number for each valid entry.
  - File:** lbchl1 (Batch Number File)
  - Condition:** The subfile is filled until there are no more records to read.
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# Special Conditions (Program-Specific)

## 1. Subfile Navigation (HR122R)

- Logic:** The program allows users to navigate through the subfile using function keys. Specific actions are taken based on the key pressed.
- File:** b2cmd (Command Screen)
- Field:** \*inkc
- Condition:** Different actions are triggered based on the function key pressed (e.g., exit, refresh, create subfile).

## 2. Batch Positioning (HR122R)

- Logic:** The program positions the subfile based on the batch number entered by the user. If a batch number is provided, it sets the key for positioning.
  - File:** lbchl1 (Batch Number File)
  - Fields:** b2batc (Batch Number), lbchl1\_batc (Batch Number)
  - Condition:** Positioning occurs if b2batc is not blank.
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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. clr\_subfile (Clear Subfile)

- Trigger:** Called before populating the subfile.
- Logic:** Clears the subfile and resets relevant indicators.
- Impact:** Ensures that the subfile is empty before new data is added.

## 2. crt\_subfile (Create Subfile)

- Trigger:** Called to populate the subfile with batch numbers.
- Logic:** Reads records from the lbchl1 file and adds them to the subfile.
- Impact:** This step is crucial for displaying the correct batch numbers to the user.

### 3. dsp\_subfile (Display Subfile)

- Trigger:** Called to display the contents of the subfile.
- Logic:** Displays the subfile or command screen based on the current record count.
- Impact:** Represents the main user interface for batch number selection, affecting user experience significantly.