

# BO312R.MBR

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## Business Logic for Kasseoppgjør

This document outlines the business rules that govern the Kasseoppgjør (Cash Settlement) process, based on an analysis of the RPG program BO312R. The primary focus is on the handling of cash register settings and maintenance within the system.

The core logic for managing cash register settings is contained within the \*inzsr subroutine in BO312R. This subroutine initializes the program, sets up keys for database access, and populates the subfile with existing cash register data.

## Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu, bo312d

### 1. Record Initialization

- **Logic:** Initializes the program and sets up keys for accessing cash register records.
- **File:** bot2i1 (Cash Register Input File)
- **Field:** bot2i1\_kass
- **Condition:** The program initializes with a blank cash register key.

### 2. Subfile Population

- **Logic:** Populates the subfile with cash register records based on the current firm.
- **File:** bo312d (Display File)
- **Field:** b1sfl
- **Condition:** The subfile is filled only if the firm matches the current user's firm.

## Configuration and Authorization Rules

### 1. User and Firm Validation

- **Logic:** Validates the user and firm before allowing any modifications to the cash register settings.
- **Files:**
  - bot2ir (Cash Register Settings File)
  - bot2iu (Cash Register Update File)
- **Fields:**
  - l\_user (User Identifier)
  - l\_firm (Firm Identifier)
- **Condition:** The process will not proceed if the user or firm does not match the expected values.

### 2. Subfile Control Handling

- **Logic:** Manages the display and interaction with the subfile control.
- **File:** bo312d (Display File)
- **Field:** b3cmd
- **Condition:** The subfile control is updated based on user actions and selections.

## Financial and Transactional Rules

## **1. Record Update Logic**

- Logic:** Updates existing cash register records or creates new ones based on user input.
- File:** bot2iu (Cash Register Update File)
- Fields:**

•b2bsty (Cash Register Type)

•b2gsty (Cash Register Style)

•**Condition:** A record is updated if it exists; otherwise, a new record is created.

## **2. Record Deletion Logic**

- Logic:** Deletes a cash register record based on user confirmation.

•**File:** bot2iu (Cash Register Update File)

•**Condition:** The record is deleted if the user confirms the deletion action.

# **Special Conditions (Program-Specific)**

## **1. Subfile Clearing (BO312R)**

•**Logic:** Clears the subfile and resets the display for new data.

•**File:** bo312d (Display File)

•**Field:** b3ctl

•**Condition:** The subfile is cleared when the user initiates a new action. Note: This is essential for ensuring that old data does not persist.

## **2. Error Handling during Input (BO312R)**

•**Logic:** Displays error messages if input validation fails during cash register creation or updates.

•**File:** bo312d (Display File)

•**Fields:** c1kass (Cash Register Key), c2bsty (Cash Register Type)

•**Condition:** If validation fails, an error message is displayed, and the user is prompted to correct the input.

# **Subprogram Calls Affecting Logic**

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

## **1. dsp\_subfile (Display Subfile)**

•**Trigger:** Called to display the current state of the subfile.

•**Logic:** Checks if there are records to display and updates the display accordingly.

•**Impact:** This call ensures that the user sees the most current data in the subfile.

## **2. crt\_subfile (Create Subfile)**

•**Trigger:** Invoked to populate the subfile with records.

•**Logic:** Reads records from the cash register file and fills the subfile.

•**Impact:** This is a crucial step for displaying the cash register records to the user.

## **3. xc2bld (Subroutine for New/Change/View)**

•**Trigger:** Called when creating or updating cash register records.

•**Logic:** Validates input and updates or creates records as necessary.

•**Impact:** Represents the main interaction point for users to modify cash register settings.

This documentation provides a comprehensive overview of the business logic implemented in the BO312R program, focusing on cash register settings management and user interactions.