

# BO312R.MBR

**Path:** NXCLOUD/rpgsrc/BO312R.MBR **Generated:** 2026-01-09 10:13:44 **Processing Time:** 14015ms

## Business Logic for Kasseoppgjør (Cash Settlement)

This document outlines the business rules that govern the cash settlement process, based on an analysis of the RPG program BO312R. The primary focus is on the handling of subfile operations, user interactions, and data management for cash register settings.

The core logic for cash settlement is contained within the various subroutines in BO312R. The program processes user inputs, manages subfile data, and performs CRUD operations on cash register settings.

### Order Status and Header Rules

**Kasseoppgjør:** bot2i1, bot2ir, bot2iu, bo312d

#### 1. Subfile Initialization

- **Logic:** Initializes the subfile for displaying cash register settings.
- **File:** bot2i1 (Cash Register Settings Input)
- **Field:** bot2i1\_kass
- **Condition:** The subfile is populated when the program initializes and reads from the database.

#### 2. Subfile Data Handling

- **Logic:** Reads and processes records from the subfile, allowing for user interaction to view, update, or delete cash register settings.
- **File:** bo312d (Workstation Subfile)
- **Field:** b1sfl
- **Condition:** The program will not display records if there are no entries in the subfile.

### Configuration and Authorization Rules

#### 1. User Input Validation

- **Logic:** Validates user inputs for creating or modifying cash register settings.
- **Files:**
  - bot2ir (Cash Register Settings Read)
  - bot2iu (Cash Register Settings Update)
- **Fields:**
  - bot2ir\_kass (Cash Register Key from Read)
  - bot2iu\_kass (Cash Register Key from Update)
- **Condition:** The program checks if the cash register key is blank or if it already exists in the database before proceeding.

#### 2. Error Handling

- **Logic:** Displays error messages when invalid inputs are detected.
- **File:** c1msg (Message Display)
- **Field:** b\_anul

- **Condition:** If a duplicate cash register key is attempted to be created, an error message is shown.

## Financial and Transactional Rules

### 1. CRUD Operations on Cash Register Settings

- **Logic:** Allows users to create, read, update, and delete cash register settings through the subfile interface.

- **File:** bot2iu (Cash Register Settings Update)

- **Fields:**

- b2bsty (Cash Register Type)

- b2gsty (Cash Register Group)

- **Condition:** The operation is triggered based on user selection from the subfile.

### 2. Subfile Refresh

- **Logic:** Refreshes the subfile data after any CRUD operation to ensure the displayed information is current.

- **File:** bot2i1 (Cash Register Settings Input)

- **Condition:** The subfile is refreshed whenever a record is added, updated, or deleted.

## Special Conditions (Program-Specific)

### 1. Program Initialization (BO312R)

- **Logic:** Initializes the program and sets up keys for accessing cash register settings.

- **File:** bot2i1 (Cash Register Settings Input)

- **Field:** bot2i1\_key

- **Condition:** The program sets the keys based on the current firm and cash register settings.

### 2. Subfile Clearing and Population (BO312R)

- **Logic:** Clears the subfile and repopulates it with current cash register settings.

- **File:** bot2i1 (Cash Register Settings Input)

- **Fields:** bot2i1\_kass (Cash Register Key), b1sfl (Subfile)

- **Condition:** This operation is executed when the program is initialized or when the user navigates through the subfile.

## 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 during the subfile processing to display the current records.

- **Logic:** Manages the display of the subfile and checks if records exist.

- **Impact:** This call ensures that the user interface reflects the current state of the cash register settings.

### 2. clr\_subfile (Clear Subfile)

- **Trigger:** Called before populating the subfile to ensure it is empty.

- **Logic:** Clears the existing records from the subfile.

- Impact:** This is crucial for maintaining data integrity and ensuring that users see the most up-to-date information.

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

- Trigger:** Called when creating or modifying cash register settings.

- Logic:** Handles the logic for input validation and updates to the database.

- Impact:** This represents the critical point where user inputs are processed and validated before being saved.

This documentation serves as a comprehensive overview of the business logic implemented in the BO312R program, detailing how cash register settings are managed within the system.