

# BO312R.MBR

Path: NXCLOUD/rpgsrc/BO312R.MBR Generated: 2026-01-08 12:34:30 Processing Time: 13510ms

## Business Logic for Kasseoppgjør

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 subfiles and user interactions for managing cash register settings and maintenance.

The core logic for cash settlement is contained within the \*inzsr subroutine in BO312R. This subroutine initializes the program, sets up keys for accessing records, and populates subfiles with data from the database.

## Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu, bo312d

### 1. Record Selection

- Logic:** The program selects records from the bot2i1 file based on the current firm and cash register key.
- File:** bot2i1 (Cash register settings)
- Field:** bot2i1\_kass
- Condition:** The process will not select a record if bot2i1\_kass is blank.

### 2. Subfile Initialization

- Logic:** The subfile is cleared and prepared for new data based on the current firm.
- File:** bo312d (Workstation subfile)
- Field:** w\_firm
- Condition:** The subfile is initialized when the program starts.

## Configuration and Authorization Rules

### 1. User Authorization Check

- Logic:** The program checks if the user has the necessary permissions to perform actions on the cash register settings.
- Files:**
  - bot2ir (Cash register settings for read)
  - bot2iu (Cash register settings for update)
- Fields:**
  - bot2ir\_kass (from bot2ir)
  - bot2iu\_kass (from bot2iu)
- Condition:** The user must be authorized to access the settings based on their firm.

### 2. Error Handling

- Logic:** The program sets error indicators when invalid input is detected.
- File:** bo312d (Workstation subfile)
- Field:** b\_feil
- Condition:** An error indicator is set if required fields are left blank during input.

# Financial and Transactional Rules

## 1. Record Update

- Logic:** The program updates existing records in the bot2iu file based on user input.
- File:** bot2iu (Cash register settings for update)
- Fields:**
  - b2bsty (Cash register type)
  - b2gsty (Cash register group)
- Condition:** The record is updated if the cash register key exists in the database.

## 2. Record Deletion

- Logic:** The program deletes records from the bot2iu file when the user confirms deletion.
- File:** bot2iu (Cash register settings for update)
- Condition:** The record is deleted if the user selects the delete option.

# Special Conditions (Program-Specific)

## 1. Subfile Display Logic (BO312R)

- Logic:** The program displays the subfile with cash register settings based on user interactions.
- File:** bo312d (Workstation subfile)
- Field:** b3cmd
- Condition:** The subfile is displayed when the user navigates to it.

## 2. New Record Handling (BO312R)

- Logic:** The program handles the creation of new cash register settings based on user input.
- File:** bot2iu (Cash register settings for update)
- Fields:** bot2iu\_kass (Cash register key), b2bsty (Cash register type)
- Condition:** A new record is created if the cash register key does not already exist.

# 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 initialization of the program and when displaying the subfile.
- Logic:** This subroutine manages the display of the subfile records.
- Impact:** This call acts as a **major logical gateway** for user interactions with the cash register settings.

## 2. clr\_subfile (Clear Subfile)

- Trigger:** Called when initializing or refreshing the subfile.
- Logic:** This subroutine clears the current subfile contents.
- Impact:** This is a **destructive filtering step** that ensures the subfile is empty before new data is populated.

## 3. crt\_subfile (Create Subfile)

- Trigger:** Called to populate the subfile with records from the database.
- Logic:** This subroutine reads records from the bot2i1 file and populates the subfile.

- Impact:** This represents the handoff to the next major business function, allowing users to view and interact with cash register settings.