

# SP100R.MBR

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## Business Logic for ASSTAT Parameter File Maintenance

This document outlines the business rules that govern the maintenance of the parameter file within the ASSTAT system, based on an analysis of the RPG program SP100R. The primary focus is on the logic related to the handling of parameter records, including creation, modification, deletion, and display of records.

The core logic for maintaining the parameter file is contained within various subroutines in SP100R. The program interacts with multiple files, processes user input, and manages subfile displays to facilitate user interactions with parameter records.

## Parameter File Handling Rules

**ASSTAT:** SP100D (Parameter File)

### 1. Record Creation

- Logic:** New parameter records can be created based on user input. The program checks if the input fields are filled and then writes the new record to the parameter file.
- File:** SP100D (Parameter File)
- Field:** wwtype, wwkode, wwvalg
- Condition:** The process will create a record if the input flag \*inkf is set to \*on.

### 2. Record Modification

- Logic:** Existing parameter records can be modified. The program retrieves the record based on the user selection and allows changes to the fields.
- File:** SP100D (Parameter File)
- Field:** wwtype, wwkode, wwvalg
- Condition:** The process will modify a record if the input flag \*inkc is set to \*on.

### 3. Record Deletion

- Logic:** Users can delete parameter records. The program checks if the record exists and then deletes it from the parameter file.
- File:** SP100D (Parameter File)
- Field:** wwtype
- Condition:** The process will delete a record if the input flag \*inkd is set to \*on.

### 4. Record Display

- Logic:** The program displays the details of a selected parameter record. It retrieves the record based on user input and presents it in a user-friendly format.
- File:** SP100D (Parameter File)
- Field:** wwtext
- Condition:** The display will occur if the input flag \*inkj is set to \*on.

## Configuration and Authorization Rules

## 1. User Authorization Check

- Logic:** The program checks if the current user has the necessary permissions to modify or delete records.
- Files:**
  - AUSRL1 (User Authorization File)
- Fields:**
  - ausrl1\_user (User ID)
- Condition:** The process will only allow modifications if the user is found in the AUSRL1 file.

## 2. Firm Check

- Logic:** The program ensures that the operations are being performed for the correct firm.
- File:** SP100D (Parameter File)
- Field:** wwfirm
- Condition:** The process will not execute if the firm in the record does not match the current user's firm.

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# Financial and Transactional Rules

## 1. Record Existence Check

- Logic:** Before performing any operation (create, modify, delete), the program checks if the record already exists in the parameter file.
- File:** SP100D (Parameter File)
- Field:** sfrn01
- Condition:** The operation will only proceed if the record is found.

## 2. Subfile Update Logic

- Logic:** The program updates the subfile with the latest records after any operation is performed.
- File:** SP100D (Parameter File)
- Condition:** The subfile will refresh if any changes are made to the parameter records.

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# Special Conditions (Program-Specific)

## 1. Detailed View Toggle

- Logic:** The program allows users to toggle between a detailed view and a summary view of parameter records.
- File:** SP100D (Parameter File)
- Field:** ww\_detaljer
- Condition:** The detailed view is activated if the ww\_detaljer variable is set to '1'.

## 2. Parameter Reset Logic

- Logic:** When creating or modifying records, certain fields are reset to default values to ensure data integrity.
- File:** SP100D (Parameter File)
- Fields:** wwkode, wwvalg
- Condition:** Fields are reset whenever a new record is initiated.

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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. SP111R (Main Group Handling)

- Trigger:** Called when the user selects a main group option.
- Logic:** This program handles the logic related to main group parameters.
- Impact:** This call acts as a **major logical gateway** for managing main group parameters.

### 2. SP112R (Subgroup Handling)

- Trigger:** Called when the user selects a subgroup option.
- Logic:** This program manages subgroup parameters.
- Impact:** This call allows for **detailed subgroup management**.

### 3. SP124R (Seller Order Handling)

- Trigger:** Invoked when the user selects a seller order option.
- Logic:** This program processes seller order parameters.
- Impact:** This is a **critical component** for managing seller-related parameters.

### 4. SF610C (Statistics Report Generation)

- Trigger:** Called when the user opts to generate statistical reports.
- Logic:** This program generates reports based on the selected parameters.
- Impact:** Represents the **handoff to reporting functionality**, crucial for data analysis.

### 5. SF612C (Sales Statistics Report Generation)

- Trigger:** Called for generating sales statistics.
- Logic:** This program compiles and formats sales data for reporting.
- Impact:** This call is essential for **sales performance analysis**.

This documentation serves as a comprehensive guide to understanding the business logic and rules governing the parameter file maintenance process within the ASSTAT system.