

VG100R.MBR

Path: NXCLOUD/rpgsrc/ **Generated:** 2026-01-08 13:33:16 **Processing Time:** 12630ms

Business Logic for VG100R

This document outlines the business rules that govern the maintenance of overgroups within the ASOFAK system, based on an analysis of the RPG program VG100R. The primary focus is on the handling of subfiles, user interactions, and data management related to overgroup records.

The core logic for maintaining overgroups is contained within the subfile subroutine in VG100R. The program processes user inputs, manages subfile displays, and performs CRUD operations on overgroup records.

Order Status and Header Rules

VG100R: vogrl1, vogrl2, vogrlr, vogrlu, vkhvl1, vhgrl1, vhgrlu, vugrl1, vugrlu, ra26l1

1. Record Positioning

- **Logic:** The program positions records based on user input for overgroup or description. If either field is populated, it sets the corresponding key for retrieval.
- **File:** vogrl1 (Overgroup records)
- **Field:** vogrl1_oogr
- **Condition:** The positioning occurs when b2oogr is not equal to 0 or b2otxt is not blank.

2. Subfile Handling

- **Logic:** The program reads records into a subfile for display and allows for user interaction with these records.
- **File:** b1sfl (Subfile for displaying overgroup records)
- **Field:** b1oogr
- **Condition:** The subfile is populated based on the current record number and the sequence type.

Configuration and Authorization Rules

1. User Authorization Check

- **Logic:** The program checks if the user has permission to perform certain actions based on their input.
- **Files:**
 - vogrlr (Overgroup reference)
 - vogrlu (Overgroup update)
- **Fields:**
 - vogrlr_oogr (Overgroup reference)
 - vogrlu_oogr (Overgroup update)
- **Condition:** Actions are authorized based on the existence of the overgroup in the reference file.

2. Error Handling

- **Logic:** The program displays error messages if certain conditions are not met during user input.
- **File:** c1msg (Message display)
- **Field:** b_anul

- **Condition:** If a user attempts to create a record that already exists, an error message is displayed.

Financial and Transactional Rules

1. Record Update Logic

- **Logic:** The program updates overgroup records with new values based on user input and timestamps.

- **File:** vogrlu (Overgroup update)

- **Fields:**

- vogrlu_oogr (New overgroup)

- vgotxt (Text description)

- **Condition:** The update occurs if the record does not already exist in the reference file.

2. Record Deletion Logic

- **Logic:** The program deletes overgroup records and associated subgroups based on user actions.

- **File:** vogrlu (Overgroup update)

- **Condition:** Deletion is triggered when the user selects the delete option for an overgroup.

Special Conditions (Program-Specific)

1. Subfile Refresh Logic (VG100R)

- **Logic:** The program refreshes the subfile when a new record is added or modified.

- **File:** b1sfl (Subfile for displaying overgroup records)

- **Field:** b1otxt

- **Condition:** The subfile is refreshed if b_forn is set to *on*.

2. Copying Logic (VG100R)

- **Logic:** The program allows users to copy existing overgroup records to create new ones.

- **File:** vogrlr (Overgroup reference)

- **Fields:** k1oogr (Key for copying), s_oogr (Source overgroup)

- **Condition:** Copying is initiated when the user selects the copy option.

Subprogram Calls Affecting Logic

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

1. VG101R (Overgroup Maintenance Program)

- **Trigger:** Called when the user selects to maintain an overgroup.

- **Logic:** This program handles the detailed maintenance of overgroup records.

- **Impact:** This call acts as a **major logical gateway** for overgroup management.

2. VA520R (Validation Program)

- **Trigger:** Called during the validation of input fields.

- **Logic:** This program checks if the input for a specific field is valid.

- **Impact:** Ensures that only valid data is processed, reducing errors.

3. RA526R (Reference Lookup Program)

- **Trigger:** Called when the user queries for a reference based on input.

•Logic: This program retrieves additional information related to the reference.

•Impact: Represents the handoff to the next major business function, ensuring data integrity and accuracy.