# JM100R.MBR

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# Business Logic for Campaign Header Maintenance

This document outlines the business rules that govern the campaign header maintenance process, based on an analysis of the RPG program JM100R. The primary focus is on how campaign data is managed, displayed, and modified within the system.

The core logic for campaign header maintenance is contained within the various subroutines in JM100R. The program handles user interactions through subfiles, allowing for the creation, updating, and deletion of campaign records.

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## Campaign Data Management Rules

**Campaign Header Maintenance**: jkahl1, jkahl2, jkahl3, jkahl4, jkahlr, jkavlr

**1. Record Creation**

•**Logic:** New campaign records can be created based on user input. The program checks for existing records to avoid duplicates.

•**File:** jkahl1 (Campaign header file)

•**Field:** jkahl1_kamp

•**Condition:** The process will not create a record if jkahl1_kamp already exists in the database.

**2. Record Update**

•**Logic:** Existing campaign records can be updated. The program retrieves the current values and allows modifications.

•**File:** jkahlr (Campaign header record for updates)

•**Field:** jkahlr_kamp

•**Condition:** The update will only occur if the record is found in the database.

**3. Record Deletion**

•**Logic:** Campaign records can be deleted. The program prompts the user for confirmation before deletion.

•**File:** jkahlr (Campaign header record for deletion)

•**Field:** jkahlr_kamp

•**Condition:** The deletion will only proceed if the user confirms the action.

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## User Interaction and Validation Rules

**1. Input Validation**

•**Logic:** User inputs are validated to ensure that all required fields are filled correctly before processing.

•**Files:**

•jkahl1 (Campaign header file)

•ra30lr (Price group validation)

•**Fields:**

•c1prgr (Price group)

•b2kamp (Campaign)

•**Condition:** The process will not proceed if any required fields are blank or if the price group does not exist in ra30lr.

## 2. Subfile Display Management

•**Logic:** The program manages the display of campaign records in a subfile format, allowing for pagination and navigation.

•**File:** b1sfl (Subfile for campaign records)

•**Field:** b1kamp

•**Condition:** The subfile will be cleared and repopulated based on user actions and current database records.

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# Special Conditions (Program-Specific)

## 1. Campaign Price Maintenance (JM110R)

•**Logic:** The program calls another program for maintaining campaign prices associated with the campaign.

•**File:** jkavlr (Campaign price records)

•**Field:** jkavlr_vkam

•**Condition:** This call is made when the user selects to maintain prices for a specific campaign.

## 2. Duplicate Record Handling

•**Logic:** If a user attempts to create a campaign that already exists, a message is displayed to inform them of the duplication.

•**File:** jkahlr (Campaign header for checking duplicates)

•**Field:** jkahlr_kamp

•**Condition:** The message is triggered when a duplicate is detected during the creation process.

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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. VL711R (Price Group Retrieval)

•**Trigger:** Called during the initialization of the program to retrieve the current price group.

•**Logic:** This program fetches the price group based on the user's firm.

•**Impact:** This affects the overall process by ensuring that the correct price group is associated with the campaign.

## 2. RA530R (Price Group Validation)

•**Trigger:** Called during input validation when the user enters a price group.

•**Logic:** This program checks if the entered price group exists in the database.

•**Impact:** This is a critical validation step that prevents invalid data from being processed.

## 3. JM110R (Campaign Price Maintenance)

•**Trigger:** Called when the user opts to maintain prices for a campaign.

•**Logic:** This program handles the logic for updating or creating price records associated with the campaign.

•**Impact:** Represents the handoff to the next major business function of maintaining campaign prices.

This document serves as a comprehensive guide to the business logic implemented in the JM100R program, detailing how campaign data is managed and the rules that govern user interactions.