SF160R.MBR

Path: NXCLOUD/rpgsrc/SF160R.MBR **Generated**: 2026-01-08 15:04:32 **Processing Time**: 11195ms

Business Logic for Sales Statistics Registration

This document outlines the business rules that govern the sales statistics registration process, based on an analysis of the RPG program SF560R. The primary focus is on how the program handles input validation and data retrieval for sales statistics.

The core logic for handling the opening screen and input validation is contained within the sjekk_input subroutine in SF560R. The program processes user input, validates it, and calls another program (SF161R) to handle further operations based on the validated data.

Input Validation and Error Handling Rules

Sales_Statistics: SF560R

1. Check for Valid Customer

•**Logic:** The program checks if the customer ID provided is valid by attempting to retrieve customer information from the rkunl1 file.

•**File:** rkunl1 (Customer Master File)

•**Field:** rkunl1_kund

•**Condition:** The process will set an error flag if the customer ID does not exist in the rkunl1 file.

2. Check for Valid Project

•**Logic:** The program checks if the project ID provided is valid by attempting to retrieve project information from the fkprl1 file.

•**File:** fkprl1 (Customer Project File)

•**Field:** fkprl1_kpro

•**Condition:** The process will set an error flag if the project ID does not exist in the fkprl1 file.

Date and Input Rules

1. Validate Date Format

•**Logic:** The program checks if the date provided is in the correct format and is a valid date.

•**File:** N/A

•**Field:** b1bida

•**Condition:** The process will set an error flag if the date is invalid.

2. Check Required Fields

•**Logic:** The program checks if required fields (like customer ID and project ID) are provided.

•**File:** N/A

•**Field:** b1vkun, b1kpro

•**Condition:** The process will set an error flag if these fields are not filled.

Program-Specific Logic

1. Call to Sales Statistics Program (SF161R)

•**Logic:** Upon successful validation of input fields, the program calls SF161R to process the sales statistics.

•**File:** N/A

•**Fields:** Various parameters including p_kode, p_firm, b1paar, etc.

•**Condition:** This call is made only if there are no validation errors.

2. Error Handling on Input

•**Logic:** The program sets an error flag if any validation fails and returns to the input screen.

•**File:** N/A

•**Field:** b_feil

•**Condition:** The process will return to the input screen if b_feil is set to *on*.

−

Subprogram Calls Affecting Logic

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

1. SF161R (Sales Statistics Processing Program)

•**Trigger:** Called after validating input fields.

•**Logic:** This program processes the sales statistics based on the parameters passed from SF560R.

•**Impact:** This call acts as a **major logical gateway** for further processing of sales data.

2. RK500R (Customer Information Retrieval Program)

•**Trigger:** Called when the action field indicates a customer lookup.

•**Logic:** This program retrieves customer information based on the firm and customer ID.

•**Impact:** It ensures that the customer data is valid before proceeding.

3. FL500R (Project Information Retrieval Program)

•**Trigger:** Called when the action field indicates a project lookup.

•**Logic:** This program retrieves project information based on the firm, customer ID, and project ID.

•**Impact:** It ensures that the project data is valid before proceeding.

−

This documentation provides a clear overview of the business logic implemented in the SF560R program, focusing on input validation and the subsequent processing of sales statistics.