

# FX785R.MBR

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## Business Logic for ASOFAK Routine Conversion

This document outlines the business rules that govern the conversion of routine registers within the ASOFAK system, based on an analysis of the RPG program FX785R. The primary focus is on how the program reads, processes, and updates routine records based on specific conditions. The core logic for the routine conversion is contained within the main program logic of FX785R. The program reads records from the aforlur file, evaluates specific conditions based on the afruti field, and updates the records accordingly.

### Routine Processing Rules: aforlur

#### 1. Set Fixed Value for Specific Routine Types

- **Logic:** If the afruti field matches any of the specified routine types (e.g., 'FTILB', 'FOBEK', 'FPLUKK', etc.), the afacpi field is set to a fixed value of 15.

- **File:** aforlur (Routine Register)

- **Field:** afruti

- **Condition:** The process will set afacpi to 15 if afruti is one of the following: 'FTILB', 'FOBEK', 'FPLUKK', 'FPAKK', 'FPAKKNEG', 'FBEST', 'BPLUKK', 'BPAKK', 'BPAKKNEG'.

#### 2. Routine Type Conversion

- **Logic:** Certain values of the afruti field are converted to new values. For example, 'FP651' is changed to 'FH601', 'FO202' to 'FR612', and so forth for other specified mappings.

- **File:** aforlur (Routine Register)

- **Field:** afruti

- **Condition:** The process will update afruti to a new value based on specific mappings defined in the program.

### Update Rules

#### 1. Update Routine Records

- **Logic:** After processing the conditions for each record, the program updates the aforlur file with the modified values.

- **File:** aforlur (Routine Register)

- **Field:** afacpi, afruti

- **Condition:** The record is updated after the evaluation of conditions and potential modifications to the fields.

### Program Flow and Termination

#### 1. Program Termination

- **Logic:** The program sets the last record indicator to on and returns control to the caller, effectively terminating the program.

- **File:** None (Program Logic)

- **Condition:** This occurs at the end of the program after all records have been processed.

## Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms or routines may be called that play a significant role in the workflow.

### 1. Initialization Subroutine (FX785R)

- **Trigger:** This subroutine is called at the beginning of the program to initialize any necessary settings or variables.

- **Logic:** It sets up the environment for the main processing logic.

- **Impact:** Ensures that the program runs with the correct initial state.

### 2. Record Reading and Updating Logic

- **Trigger:** The main program logic reads records from aforlur in a loop until no more records are available.

- **Logic:** Each record is processed based on the defined rules and updated accordingly.

- **Impact:** This is a critical part of the business logic, as it directly affects how routine registers are converted and stored.

This documentation provides a clear overview of the business logic implemented in the FX785R program, detailing how routine registers are processed and updated based on specific rules and conditions.