

# 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 in the ASOFAK system, based on an analysis of the RPG program FX785R. The primary focus is on the logic that processes and updates routine records.

The core logic for converting routine registers is contained within the main program flow, which reads records from the aforlur file, applies specific transformation rules based on the afruti field, and updates the records accordingly.

## Routine Processing Rules: aforlur

### 1. Set afacpi for Specific afruti Values

- Logic:** If the afruti field matches any of the specified values (e.g., 'FTILB', 'FOBEK', 'FPLUKK', etc.), the afacpi field is set to 15.
- File:** aforlur (Routine Register)
- Field:** afruti
- Condition:** The process will set afacpi to 15 if afruti is equal to any of the following: 'FTILB', 'FOBEK', 'FPLUKK', 'FPAKK', 'FPAKKNEG', 'FBEST', 'BPLUKK', 'BPAKK', 'BPAKKNEG'.

### 2. Transform afruti Values

- Logic:** The afruti field is transformed to a new value based on specific mappings (e.g., 'FP651' becomes 'FH601').
- File:** aforlur (Routine Register)
- Field:** afruti
- Condition:** The process will update afruti to a new value based on the following mappings:
  - 'FP651' to 'FH601'
  - 'FO202' to 'FR612'
  - 'FO204' to 'FR602'
  - 'FO206' to 'FR604'
  - 'FO221' to 'VG601' (also sets afacpi to 15)
  - 'FP601' to 'VP601'
  - 'FP612' to 'VP612'
  - 'FV603' to 'VV603'
  - 'FV605' to 'VV605'
  - 'FV611' to 'VV611'
  - 'FV621' to 'VV621'
  - 'FV651' to 'VT601'

## Subprogram Calls Affecting Logic

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

## 1. FX785R (Routine Conversion Program)

- Trigger:** This program is executed to read and update routine registers from the aforlur file.
- Logic:** It reads records from the aforlur file, applies transformation rules based on the afruti field, and updates the records with the new values.
- Impact:** This call acts as the **primary processing engine** for converting routine registers, ensuring that all specified transformations are applied correctly.

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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.