

# GL104R.MBR

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## Business Logic for Vedlikehold av betalingsforslag

This document outlines the business rules that govern the maintenance of payment proposals, based on an analysis of the RPG program GL104R. The primary focus is on the logic surrounding the handling, validation, and processing of payment proposals.

The core logic for maintaining payment proposals is contained within the various subroutines in GL104R. The program manages the display and modification of payment proposals, including checks for conditions that determine whether a proposal can be edited or deleted.

## Order Status and Header Rules

Vedlikehold av betalingsforslag: GUBFPF, GUBFL8

### 1. Proposal Status Check

- Logic:** The program checks if the proposal has been transferred to the bank. If the status is marked as 'G', it indicates that the proposal is locked and cannot be modified.
- File:** GUBFPF (Payment proposal file)
- Field:** GASTAT
- Condition:** "The proposal cannot be maintained if GASTAT is equal to 'G'."

### 2. Error Return Check

- Logic:** The program checks for any error returns associated with the proposal. If an error return exists, it indicates that the proposal has issues that need to be addressed before further processing.
- File:** GUBFPF (Payment proposal file)
- Field:** GAREKO
- Condition:** "If GAREKO is equal to 'F', the proposal contains error returns."

## Configuration and Authorization Rules

### 1. Communication Status Check

- Logic:** Before transferring proposals to the bank, the program checks if the communication with the bank is active. If not, the transfer cannot proceed.
- Files:**
  - GFASP (Bank communication file)
- Fields:**
  - GEFKOM (Communication type)
  - GEFSAM (Communication status)
- Condition:** "The process will not transfer proposals if GEFKOM is not equal to 'PC' or GEFSAM is not equal to 'J'."

### 2. Proposal Deletion Check

- Logic:** The program checks if the proposal can be deleted based on its status. If the proposal has been transferred to the bank, it cannot be deleted.

- File:** GUBFPF (Payment proposal file)
  - Field:** GAREKO
  - Condition:** "The proposal can only be deleted if \*IN38 is off, indicating it has not been transferred."
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## Financial and Transactional Rules

### 1. Proposal Renumbering Logic

- Logic:** The program checks if renumbering of proposals is necessary. Renumbering is not executed if the proposal has been transferred to the bank or if it is a payroll transaction.
- File:** GUBFPF (Payment proposal file)
- Fields:**
  - WPENDR (Proposal number)
  - WPPARM (Parameter indicating type)
- Condition:** "Renumbering will not occur if WPENDR is not blank, WPPARM is not 'L', and \*IN38 is not on."

### 2. Proposal Transfer Logic

- Logic:** The program handles the transfer of proposals to the bank. It checks if the proposal number is valid and then calls the transfer routine.
  - File:** GUBFPF (Payment proposal file)
  - Condition:** "The transfer will only occur if WPBFNR is not zero."
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## Special Conditions (Program-Specific)

### 1. Locked Proposal Warning (GL104R)

- Logic:** If a user attempts to open a locked proposal, a warning is displayed indicating that the proposal cannot be modified.
- File:** GUBFPF (Payment proposal file)
- Field:** GAREKO
- Condition:** "If \*IN38 is on, the proposal is locked, and a warning message is displayed."

### 2. Error Return Handling (GL104R)

- Logic:** The program checks for error returns associated with the proposal and updates the status accordingly.
  - File:** GUBFPF (Payment proposal file)
  - Fields:** B2ANFE (Error return count)
  - Condition:** "If an error return is detected, the proposal is flagged for review."
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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. GL101R (Proposal Renumbering Program)

- Trigger:** Called when renumbering of proposals is necessary, typically before a transfer.
- Logic:** This program renumbers proposals based on specific criteria.
- Impact:** "This call acts as a **major logical gateway** for ensuring proposal integrity before transfer."

## 2. GL102C (Proposal Print Program)

- Trigger:** Called when printing proposals.
- Logic:** This program handles the formatting and output of payment proposals.
- Impact:** "This is a **destructive filtering step** that ensures only valid proposals are printed."

## 3. GL156C (Bank Transfer Program)

- Trigger:** Called when transferring proposals to the bank.
- Logic:** This program manages the actual transfer process and checks for communication status.
- Impact:** "This represents the handoff to the next major business function of transferring funds."