

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 how payment proposals are created, modified, and validated within the system.

The core logic for maintaining payment proposals is contained within various subroutines in GL104R. The program handles user interactions for creating, editing, and deleting payment proposals, as well as validating the data associated with these proposals.

Order Status and Header Rules

Vedlikehold av betalingsforslag: GUBFPF, GUBFL8, RLTRLU

1. Proposal Status Check

- Logic:** The program checks if a payment proposal has been transferred to the bank. If the status is marked as "G" (transferred), the proposal cannot be modified.
- File:** GUBFL8 (Payment Proposal File)
- Field:** GASTAT
- Condition:** "The proposal will not be maintained if GASTAT is equal to 'G'."

2. Error Return Check

- Logic:** The program checks if there are any error returns associated with the proposal. If there are errors, specific fields are updated to reflect this.
- File:** GUBFL8 (Payment Proposal File)
- Field:** GAREKO
- Condition:** "The proposal will be flagged if GAREKO is equal to 'F' (error return)."

Configuration and Authorization Rules

1. Renumbering Logic

- Logic:** Renumbering of proposals is only executed if the proposal has not been transferred to the bank and is not a payroll transaction.
- Files:**
 - GUBFL8 (Payment Proposal File)
 - RLTRLU (Transaction File)
- Fields:**
 - WPPARM (Parameter indicating the type of proposal)
 - WPENDR (Indicates if renumbering is required)
- Condition:** "Renumbering will not occur if WPENDR is not blank, WPPARM is not 'L', and *IN38 is not on."

2. Bank Communication Check

- Logic:** Before transferring a payment proposal to the bank, the program checks if the bank communication is active.

- File:** GFASP (Bank Communication File)
 - Field:** GEFCOM
 - Condition:** "The process will not proceed if GEFCOM indicates that communication is not active."
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Financial and Transactional Rules

1. Proposal Deletion Logic

- Logic:** A proposal can only be deleted if it has not been transferred to the bank or if the user confirms deletion through a specific window.
- File:** GUBFPF (Payment Proposal File)
- Field:** GASTAT
- Condition:** "The proposal can be deleted if *IN38 is off or if the user selects the delete option."

2. Validation of Payment Dates

- Logic:** The program validates that the payment date is not earlier than the invoice date.
 - File:** GUBFPF (Payment Proposal File)
 - Condition:** "If the payment date is earlier than the invoice date, an error will be raised."
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Special Conditions (Program-Specific)

1. Locked Proposal Handling (GL104R)

- Logic:** If a proposal is locked (transferred to the bank), the program will prompt the user with a warning message.
- File:** GUBFL8 (Payment Proposal File)
- Field:** GASTAT
- Condition:** "A warning will be displayed if GASTAT is 'G' indicating the proposal is locked."

2. Error Return Handling (GL104R)

- Logic:** The program checks for error returns in the proposal and updates the relevant fields accordingly.
 - File:** GUBFL8 (Payment Proposal File)
 - Fields:** D_BFLI, B2ANFE
 - Condition:** "If errors are found, the proposal will be 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 (Renumbering Logic)

- Trigger:** Called when renumbering is required for proposals.
- Logic:** This program handles the renumbering of payment proposals based on specific conditions.
- Impact:** "This call acts as a **critical control point** for ensuring proposal integrity."

2. GL102C (Print Logic)

- Trigger:** Called when printing payment proposals.
- Logic:** This program formats and sends the proposal data for printing.
- Impact:** "This is a **key step** in the proposal processing workflow."

3. GL156C (Bank Transfer Logic)

- Trigger:** Called when transferring proposals to the bank.
- Logic:** This program manages the transfer of payment proposals to the bank, ensuring all conditions are met.
- Impact:** "Represents the **final step** in the payment proposal lifecycle."