

GL104R.MBR

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Business Logic for GL104R - Vedlikehold av betalingsforslag

This document outlines the business rules that govern the maintenance of payment proposals in the ASOKON system, based on an analysis of the RPG program GL104R. The primary focus is on the rules and conditions that dictate how payment proposals can be created, modified, displayed, or deleted.

The core logic for maintaining payment proposals is contained within the various subroutines in GL104R. The program processes user input through a series of commands and checks against the database to ensure that the payment proposals are valid and adhere to business rules.

Order Status and Header Rules

GL104R: GUBFPF, GUBFL8, RLTRLU

1. Proposal Status Check

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

2. Error Return Check

- Logic:** The program verifies if the proposal contains any error return codes. If errors are present, specific fields are flagged for user attention.
- File:** GUBFPF (Payment Proposal File)
- Field:** GAREKO
- Condition:** "If GAREKO is equal to 'F', the proposal is flagged for errors."

Configuration and Authorization Rules

1. Communication with Bank

- Logic:** The program checks if communication with the bank is active before transferring proposals. If not, it prevents the transfer.
- Files:**
 - GFASP (Bank Communication File)
- Fields:**
 - GEFKOM (Communication Status)
- Condition:** "The transfer will not proceed if GEFKOM is not equal to 'PC'."

2. Proposal Renumbering

- Logic:** Renumbering of proposals is only allowed if the proposal has not been transferred to the bank or if it is not a payroll transaction.
- File:** GUBFPF (Payment Proposal File)

- Field:** WPPARM

- Condition:** "Renumbering will not occur if WPPARM is equal to 'L' or if the proposal has been transferred."

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Financial and Transactional Rules

1. Proposal Deletion

- Logic:** Proposals can be deleted unless they have been transferred to the bank. If they are marked as transferred, a warning is displayed.

- File:** GUBFPF (Payment Proposal File)

- Fields:**

- GASTAT (Proposal Status)

- Condition:** "Deletion is not permitted if GASTAT is equal to 'G'."

2. Proposal Update

- Logic:** The program allows updates to proposals unless they have been marked with a first return code (GAREKO).

- File:** GUBFPF (Payment Proposal File)

- Field:** GAREKO

- Condition:** "Updates are not allowed if GAREKO is equal to '1'."

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Special Conditions (Program-Specific)

1. Locked Proposal Handling (GL104R)

- Logic:** If a proposal is locked due to being transferred, the user is warned and given the option to unlock it.

- File:** GUBFPF (Payment Proposal File)

- Field:** GASTAT

- Condition:** "A warning is issued if GASTAT is equal to 'G', indicating the proposal is locked."

2. Error Return Code Handling (GL104R)

- Logic:** The program checks for error return codes and flags the proposal for review if errors are found.

- File:** GUBFPF (Payment Proposal File)

- Fields:** GAREKO (Error Return Code)

- Condition:** "If GAREKO is equal to 'F', the proposal is flagged for errors."

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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)

- Trigger:** Called when renumbering is required before a proposal is transferred.

- Logic:** Renumbers proposals based on specific conditions.

- Impact:** "This call acts as a **major logical gateway** for proposal renumbering."

2. GL140R (Error Checking)

- Trigger:** Called to check for error returns in proposals.

- Logic:** Validates if the proposal contains any error codes.

- Impact:** "This is a **destructive filtering step** that prevents further actions on erroneous proposals."

3. GL156C (Bank Transfer)

- Trigger:** Called when transferring proposals to the bank.

- Logic:** Handles the actual transfer of payment proposals.

- Impact:** "This represents the handoff to the next major business function of transferring funds."

This documentation serves as a comprehensive overview of the business logic encapsulated within the GL104R program, detailing the rules and conditions that govern the maintenance of payment proposals in the ASOKON system.