

LH100R.MBR

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Business Logic for Bestillingsforslag Behandling

This document outlines the business rules that govern the processing of order proposals, based on an analysis of the RPG program LH100R. The primary focus is on the logic that manages the creation, updating, and validation of order proposals.

The core logic for processing order proposals is contained within the various subroutines in LH100R. The program handles user interactions through a subfile interface, allowing users to view, modify, and manage order proposals based on specific criteria.

Order Status and Header Rules

Bestillingsforslag: lfhel1, lfhel2, lfhel3, lfhel4, lfhel5

1. Status Check

- Logic:** The program checks if the status of an order proposal is valid (must be '0') before allowing further processing.
- File:** lfhel1 (Order Header)
- Field:** h1stat
- Condition:** The process will not proceed if h1stat is not equal to '0'.

2. Delivery Date Validation

- Logic:** The program ensures that a delivery date is provided if certain conditions are met.
 - File:** lfhel1 (Order Header)
 - Field:** b1bdat
 - Condition:** If u_702 is off and b1bdat is zero, an error message is generated.
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Configuration and Authorization Rules

1. User Preferences Initialization

- Logic:** The program initializes user-specific settings for viewing order proposals.
- Files:**
 - lusrl1 (User Preferences)
- Fields:**
 - lusrl1_user (User ID)
- Condition:** User preferences are fetched based on the logged-in user.

2. Supplier Status Check

- Logic:** The program checks if a supplier is blocked or inactive before processing an order proposal.
 - File:** rlevl1 (Supplier Status)
 - Field:** rlsprk, rlpas
 - Condition:** If either rlsprk or rlpas is 'J', the proposal cannot be processed.
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Financial and Transactional Rules

1. Deposit Requirement Check

- Logic:** The program checks if a deposit is required and if it has been paid before proceeding with the order.
- File:** sdepl1 (Deposit Records)
- Fields:**
 - sdepl1_numm (Deposit Number)
 - sdepl1_kund (Customer ID)
- Condition:** If the deposit is required and not paid, an error message is generated.

2. Order Transfer Validation

- Logic:** The program validates that an order can be transferred based on various criteria.
- File:** lfhel1 (Order Header)
- Condition:** The order must meet specific criteria, such as having a valid status and delivery date.

Special Conditions (Program-Specific)

1. Merge Order Proposals (LH100R)

- Logic:** The program allows merging of two order proposals under certain conditions.
- File:** lfhel1, lfhel2, lfhel3
- Fields:** b10smnr, b10numm
- Condition:** The proposals must not have the same proposal number, and various validation checks must pass.

2. Change Supplier on Order Proposals (LH100R)

- Logic:** The program allows changing the supplier for an order proposal.
- File:** lfhel1 (Order Header)
- Fields:** b9tle (New Supplier ID)
- Condition:** The new supplier must be validated against the supplier database.

Subprogram Calls Affecting Logic

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

1. CO402R (Configuration Check)

- Trigger:** Called at the beginning of the program to check user-specific configurations.
- Logic:** Determines if certain features should be enabled based on user settings.
- Impact:** Affects the visibility of options in the user interface.

2. LH600C (Order Printing)

- Trigger:** Called when the user opts to print an order proposal.
- Logic:** Generates a printout of the order proposal based on the current selection.
- Impact:** Provides a physical copy of the order proposal for user records.

3. LH712R (Order Transfer)

- Trigger:** Called when transferring an order proposal to an actual order.
- Logic:** Handles the logic for creating an order from a proposal.
- Impact:** Represents the transition from proposal to order, affecting inventory and financial records.

This documentation captures the essential business logic and rules governing the order proposal processing in the LH100R RPG program, providing a clear understanding of its functionality and constraints.