

# LH100R.MBR

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## Business Logic for Bestillingsforslag Behandling

This document outlines the business rules that govern the processing of order proposals in the RPG program LH100R. The primary focus is on the logic that handles the creation, updating, and validation of order proposals, as well as the interaction with various data structures and subprograms.

The core logic for processing order proposals is contained within the formy subroutine in LH100R. This subroutine is responsible for refreshing the subfile that displays order proposals and managing user interactions with the proposals.

### Order Status and Header Rules

Bestillingsforslag: Ifhel1, Ifhel2, Ifhel3, Ifhel4, Ifhel5

#### 1. Valid Order Status Check

- Logic:** The program checks if the order status is valid (must be '0') before allowing further processing.

- File:** Ifhel1 (Order Header)

- Field:** h1stat

- Condition:** The process will not proceed if h1stat is not equal to '0'.

#### 2. Delivery Date Validation

- Logic:** Ensures that a delivery date is provided for the order proposal.

- File:** Ifhel1 (Order Header)

- Field:** b1bdat

- Condition:** The process will not continue if b1bdat is zero when the switch u\_702 is off.

### Configuration and Authorization Rules

#### 1. User Authorization Check

- Logic:** The program checks if the user has the necessary permissions to view or modify order proposals.

- Files:**

- lusrl1 (User Register)

- lusrlu (User Log)

- Fields:**

- lusrl1\_user (from lusrl1)

- lusrlu\_user (from lusrlu)

- Condition:** The program retrieves user settings and updates the display based on the user's permissions.

#### 2. Deposit Check

- Logic:** Validates if a deposit is required and checks if it has been paid.

- File:** fohel1 (Order Header)

- **Field:** fohel1\_numm
- **Condition:** The process will not allow the order to proceed if the deposit is unpaid and the order number is greater than zero.

## Financial and Transactional Rules

### 1. Order Total Calculation

- **Logic:** The program calculates the total order amount based on the line items and checks against deposit requirements.

- **File:** Ifdtl1 (Order Line Items)

- **Fields:**

- Ifdtl1\_numm (Order Line Number)

- Ifdtl1\_line (Line Item Details)

- **Condition:** The total is computed and validated before finalizing the order.

### 2. Status Update on Order Proposal

- **Logic:** Updates the status of the order proposal based on various conditions.

- **File:** Ifhel1 (Order Header)

- **Condition:** The status is updated based on the results of validation checks.

## Special Conditions (Program-Specific)

### 1. Error Handling for Logical Errors (LH100R)

- **Logic:** The program flags logical errors in the order proposal processing.

- **File:** Ifhel1 (Order Header)

- **Field:** b1stat

- **Condition:** If logical errors are detected, the status is set to '9', indicating an error.

### 2. Merge Order Proposals (LH100R)

- **Logic:** Allows merging of two order proposals into one.

- **File:** Ifhel1, Ifhel2, Ifhel3, Ifhel4

- **Fields:** Various fields related to the order proposals.

- **Condition:** The merge is only allowed if the proposals meet specific criteria (e.g., same supplier).

## 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 during initialization to check configuration settings.

- **Logic:** This program checks various flags and settings that affect the order proposal processing.

- **Impact:** Determines whether certain features are enabled or disabled based on user settings.

### 2. FO505R (Order Inquiry)

- **Trigger:** Called when the user selects to view details of an order.

- **Logic:** Retrieves and displays information related to the selected order.

- **Impact:** Provides detailed information to the user, enhancing the decision-making process.

### 3. LH600C (Print Proposal)

**•Trigger:** Called when the user opts to print the order proposal.

**•Logic:** Generates a printout of the current order proposal.

**•Impact:** Facilitates the physical documentation of order proposals for record-keeping.

This documentation serves as a reference for understanding the business logic implemented in the LH100R program, detailing how order proposals are processed, validated, and managed within the system.