

# SX905R.MBR

Path: NXCLOUD/rpgsrc/SX905R.MBR Generated: 2026-01-08 12:35:32 Processing Time: 10516ms

## Business Logic for Vedlikehold av betingelser for omregning

This document outlines the business rules that govern the maintenance of log/status for the Cobuilder transfer process, based on an analysis of the RPG program SX905R. The primary focus is on the logic for handling status updates and validations related to email notifications.

The core logic for maintaining the status is contained within the main processing logic in the A1BLD subroutine in SX905R. The program interacts with status records and performs various checks and updates based on user inputs and existing data.

## Order Status and Header Rules

Vedlikehold av logg/status overføring Cobuilder: scobl1, scoblu

### 1. Retrieve Status Information

- Logic:** The program retrieves information from the status register. If found, it populates various fields with data from the scobl1 file; otherwise, it sets default values.
- File:** scobl1 (Status register)
- Field:** scstat, scmai1, scmai2, scmai3, scsubj, sctxt1, sctxt2, sctxt3, scsend, sckdat, scudat, scutid
- Condition:** The process will not select a record if the key for scobl1 is not found.

### 2. Validate Email Address

- Logic:** The program checks if the primary email address (a1mai1) is blank. If it is, an error indicator is set.
- File:** scobl1 (Status register)
- Field:** a1mai1
- Condition:** The process will trigger an error if a1mai1 is equal to \*blanks.

## Configuration and Authorization Rules

### 1. Update Status Register

- Logic:** The program updates the status register with new values if the record is found; otherwise, it creates a new entry.
- Files:**
  - scobl1 (Status register)
  - scoblu (Update status register)
- Fields:**
  - scstat (from scoblur)
  - scmai1 (from scoblur)
- Condition:** The update occurs if the record for scoblu is found; otherwise, a new record is created with the current firm number.

### 2. Check Status Validity

- Logic:** The program checks if the status is valid (not equal to 0 or 1). If invalid, it sets an error indicator.
- File:** scobl1 (Status register)
- Field:** a1stat
- Condition:** The process will set an error if a1stat is not equal to 0 or 1.

## Financial and Transactional Rules

### 1. Log User Activity

- Logic:** The program logs the user and timestamp when updating the status register.
- File:** scoblu (Update status register)
- Fields:**
  - sceusr (User ID)
  - scedat (Date)
  - scetim (Time)
- Condition:** The logging occurs during the update process if the record is found.

### 2. Handle Print Request

- Logic:** If a print request is initiated, the program calls a subroutine to handle the print operation.
- File:** scobl1 (Status register)
- Condition:** The print request is processed if the corresponding flag (\*inkf) is set to on.

## Special Conditions (Program-Specific)

### 1. Subroutine for Deleting Messages (SX905R)

- Logic:** This subroutine handles the deletion of updated and/or marked messages by calling another program.
- File:** scobl1 (Status register)
- Field:** w\_dato
- Condition:** The deletion process is triggered based on user input and checks for specific flags.

### 2. Subroutine for Program Initialization (SX905R)

- Logic:** This subroutine initializes the program by setting up keys for the status register.
- File:** scobl1 (Status register)
- Fields:** w\_firm (Firm number)
- Condition:** The initialization occurs at the start of the program.

## Subprogram Calls Affecting Logic

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

### 1. SX903R (Message Deletion Program)

- Trigger:** Called from the xb6win subroutine when a deletion request is made.
- Logic:** This program handles the deletion of messages based on the provided date and inclusion flag.
- Impact:** This call acts as a **critical step in managing message records**.

### 2. A1BLD (Main Processing Logic)

- Trigger:** The main logic is executed upon program start and user interactions.
- Logic:** This section retrieves and validates status information, updates records, and handles user inputs.
- Impact:** This is a **central processing point** for maintaining status and user notifications.

### 3. xb6win (Print Handling Subroutine)

- Trigger:** Called when the user requests to start printing.
- Logic:** This subroutine manages the print operation and checks for user flags.
- Impact:** Represents the **transition to output generation** based on user actions.