

BU700R.MBR

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Business Logic for BU700R

This document outlines the business rules that govern the export functionality for a store management system, based on an analysis of the RPG program BU700R. The primary focus is on the subroutine calls that retrieve various types of information related to store operations. The core logic for processing store export data is contained within the main program BU700R. This program calls multiple subroutines to gather necessary information based on the parameters provided, such as firm, date, time, and cash register.

Data Retrieval Rules: Store Information and Export Data

BU700R: Various Store Information Files

1. Delivery Type

- **Logic:** Calls the subroutine to retrieve delivery type information based on the firm.
- **File:** Not explicitly defined in the code, but assumed to be related to delivery types.
- **Field:** w_firm
- **Condition:** The subroutine BU710R is called with the firm parameter.

2. Item Type

- **Logic:** Calls the subroutine to retrieve item type information based on the firm.
- **File:** Not explicitly defined in the code, but assumed to be related to item types.
- **Field:** w_firm
- **Condition:** The subroutine BU711R is called with the firm parameter.

3. Price Code

- **Logic:** Calls the subroutine to retrieve price code information based on the firm.
- **File:** Not explicitly defined in the code, but assumed to be related to price codes.
- **Field:** w_firm
- **Condition:** The subroutine BU712R is called with the firm parameter.

4. Company Information

- **Logic:** Calls the subroutine to retrieve company information based on the firm.
- **File:** Not explicitly defined in the code, but assumed to be related to company data.
- **Field:** w_firm
- **Condition:** The subroutine BU715R is called with the firm parameter.

5. Department Information

- **Logic:** Calls the subroutine to retrieve department information based on the firm.
- **File:** Not explicitly defined in the code, but assumed to be related to department data.
- **Field:** w_firm
- **Condition:** The subroutine BU716R is called with the firm parameter.

6. Warehouse Information

- **Logic:** Calls the subroutine to retrieve warehouse information based on the firm.

•**File:** Not explicitly defined in the code, but assumed to be related to warehouse data.

•**Field:** w_firm

•**Condition:** The subroutine BU717R is called with the firm parameter.

7. Seller Information

•**Logic:** Calls the subroutine to retrieve seller information based on the firm.

•**File:** Not explicitly defined in the code, but assumed to be related to seller data.

•**Field:** w_firm

•**Condition:** The subroutine BU718R is called with the firm parameter.

8. Item Group Information

•**Logic:** Calls the subroutine to retrieve item group information based on the firm.

•**File:** Not explicitly defined in the code, but assumed to be related to item groups.

•**Field:** w_firm

•**Condition:** The subroutine BU720R is called with the firm parameter.

9. Module Free Text

•**Logic:** Calls the subroutine to retrieve free text related to the module based on the firm.

•**File:** Not explicitly defined in the code, but assumed to be related to module descriptions.

•**Field:** w_firm

•**Condition:** The subroutine BU721R is called with the firm parameter.

10. Item Information

•**Logic:** Calls the subroutine to retrieve detailed item information based on the firm, date, time, and cash register.

•**File:** Not explicitly defined in the code, but assumed to be related to item details.

•**Fields:**

•w_firm

•p_dato (Date)

•p_time (Time)

•p_kass (Cash Register)

•**Condition:** The subroutine BU725R is called with the firm, date, time, and cash register parameters.

11. Item List

•**Logic:** Calls the subroutine to retrieve a list of items based on the firm.

•**File:** Not explicitly defined in the code, but assumed to be related to item listings.

•**Field:** w_firm

•**Condition:** The subroutine BU726R is called with the firm parameter.

12. Offer Prices

•**Logic:** Calls the subroutine to retrieve offer prices based on the firm, date, and time.

•**File:** Not explicitly defined in the code, but assumed to be related to pricing.

•**Fields:**

•w_firm

•p_dato (Date)

•p_time (Time)

•**Condition:** The subroutine BU728R is called with the firm, date, and time parameters.

13. Deleted Items

•**Logic:** Calls the subroutine to retrieve information about deleted items based on the firm, date, and time.

•**File:** Not explicitly defined in the code, but assumed to be related to deleted item records.

•**Fields:**

•w_firm

•p_dato (Date)

•p_time (Time)

•**Condition:** The subroutine BU729R is called with the firm, date, and time parameters.

14. Customer Information

•**Logic:** Calls the subroutine to retrieve customer information based on the firm, date, and time.

•**File:** Not explicitly defined in the code, but assumed to be related to customer records.

•**Fields:**

•w_firm

•p_dato (Date)

•p_time (Time)

•**Condition:** The subroutine BU730R is called with the firm, date, and time parameters.

15. Customer Notes

•**Logic:** Calls the subroutine to retrieve customer notes based on the firm.

•**File:** Not explicitly defined in the code, but assumed to be related to customer notes.

•**Field:** w_firm

•**Condition:** The subroutine BU731R is called with the firm parameter.

Subprogram Calls Affecting Logic

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

1. BU710R (Delivery Type Retrieval)

•**Trigger:** Called to retrieve delivery type information.

•**Logic:** Retrieves delivery types based on the firm.

•**Impact:** Provides necessary delivery information for further processing.

2. BU711R (Item Type Retrieval)

•**Trigger:** Called to retrieve item type information.

•**Logic:** Retrieves item types based on the firm.

•**Impact:** Essential for categorizing items in the export process.

3. BU712R (Price Code Retrieval)

•**Trigger:** Called to retrieve price code information.

•**Logic:** Retrieves price codes based on the firm.

•**Impact:** Important for determining pricing strategies.

4. BU715R (Company Information Retrieval)

•**Trigger:** Called to retrieve company information.

- Logic:** Retrieves company details based on the firm.

- Impact:** Provides context for the export process.

5. BU716R (Department Information Retrieval)

- Trigger:** Called to retrieve department information.

- Logic:** Retrieves department details based on the firm.

- Impact:** Necessary for organizing items by department.

6. BU717R (Warehouse Information Retrieval)

- Trigger:** Called to retrieve warehouse information.

- Logic:** Retrieves warehouse details based on the firm.

- Impact:** Important for inventory management.

7. BU718R (Seller Information Retrieval)

- Trigger:** Called to retrieve seller information.

- Logic:** Retrieves seller details based on the firm.

- Impact:** Essential for sales tracking.

8. BU720R (Item Group Information Retrieval)

- Trigger:** Called to retrieve item group information.

- Logic:** Retrieves item group details based on the firm.

- Impact:** Helps in organizing items for export.

9. BU721R (Module Free Text Retrieval)

- Trigger:** Called to retrieve module free text.

- Logic:** Retrieves descriptive text related to the module based on the firm.

- Impact:** Provides additional context for the export process.

10. BU725R (Item Information Retrieval)

- Trigger:** Called to retrieve detailed item information.

- Logic:** Retrieves item details based on the firm, date, time, and cash register.

- Impact:** Central to the export of item data.

11. BU726R (Item List Retrieval)

- Trigger:** Called to retrieve a list of items.

- Logic:** Retrieves items based on the firm.

- Impact:** Important for generating the export list.

12. BU728R (Offer Prices Retrieval)

- Trigger:** Called to retrieve offer prices.

- Logic:** Retrieves offer prices based on the firm, date, and time.

- Impact:** Critical for pricing in the export process.

13. BU729R (Deleted Items Retrieval)

- Trigger:** Called to retrieve information about deleted items.

- Logic:** Retrieves deleted item information based on the firm, date, and time.

- Impact:** Important for maintaining accurate inventory records.

14. BU730R (Customer Information Retrieval)

- Trigger:** Called to retrieve customer information.

- Logic:** Retrieves customer details based on the firm, date, and time.

- Impact:** Essential for customer-related exports.

15. BU731R (Customer Notes Retrieval)

- Trigger:** Called to retrieve customer notes.

- Logic:** Retrieves notes related to customers based on the firm.

- Impact:** Provides additional context for customer interactions.