

BU700R.MBR

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Business Logic for BU700R

This document outlines the business rules that govern the process of handling store exports in the RPG program BU700R. The primary focus is on the various subroutine calls that manage different aspects of the store's data, including item types, pricing, and customer information.

The core logic for the export process is contained within the main program logic in BU700R, which calls multiple subroutines to retrieve and process data related to the store.

Store Data Retrieval Rules

BU700R: Various Store Data Files

1. Delivery Type Retrieval

- Logic:** This rule retrieves the delivery type associated with the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The delivery type is fetched by calling the subroutine BU710R with the store identifier.

2. Item Type Retrieval

- Logic:** This rule retrieves the types of items available in the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The item types are fetched by calling the subroutine BU711R with the store identifier.

3. Price Code Retrieval

- Logic:** This rule retrieves the pricing codes for items in the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The price codes are fetched by calling the subroutine BU712R with the store identifier.

4. Company Information Retrieval

- Logic:** This rule retrieves information related to the company operating the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The company information is fetched by calling the subroutine BU715R with the store identifier.

5. Department Information Retrieval

- Logic:** This rule retrieves department-related information for the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The department information is fetched by calling the subroutine BU716R with the store identifier.

6. Warehouse Information Retrieval

- Logic:** This rule retrieves information about the warehouse associated with the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The warehouse information is fetched by calling the subroutine BU717R with the store identifier.

7. Seller Information Retrieval

- Logic:** This rule retrieves information about the seller associated with the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The seller information is fetched by calling the subroutine BU718R with the store identifier.

8. Item Group Retrieval

- Logic:** This rule retrieves item group information for the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The item group information is fetched by calling the subroutine BU720R with the store identifier.

9. Module Free Text Retrieval

- Logic:** This rule retrieves free text information for the module related to the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The module free text is fetched by calling the subroutine BU721R with the store identifier.

10. Item Information Retrieval

- Logic:** This rule retrieves detailed information about items in the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The item information is fetched by calling the subroutine BU725R with the store identifier, date, time, and cash register number.

11. Item List Retrieval

- Logic:** This rule retrieves a list of items available in the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The item list is fetched by calling the subroutine BU726R with the store identifier.

12. Special Prices Retrieval

- Logic:** This rule retrieves special pricing information for items in the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The special prices are fetched by calling the subroutine BU728R with the store identifier, date, and time.

13. Deleted Items Retrieval

- Logic:** This rule retrieves information about items that have been deleted from the store's inventory.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The deleted items are fetched by calling the subroutine BU729R with the store identifier, date, and time.

14. Customer Information Retrieval

- Logic:** This rule retrieves information about customers associated with the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The customer information is fetched by calling the subroutine BU730R with the store identifier, date, and time.

15. Customer Notes Retrieval

- Logic:** This rule retrieves notes related to customers of the store.
- File:** Not specified in the code.
- Field:** Not applicable.
- Condition:** The customer notes are fetched by calling the subroutine BU731R with the store identifier.

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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. BU710R (Delivery Type Retrieval)

- Trigger:** Called within the main program to retrieve delivery type.
- Logic:** Fetches the delivery type based on the store identifier.
- Impact:** Provides essential information for processing store exports.

2. BU711R (Item Type Retrieval)

- Trigger:** Called within the main program to retrieve item types.
- Logic:** Fetches the types of items available in the store.
- Impact:** Necessary for understanding inventory composition.

3. BU712R (Price Code Retrieval)

- Trigger:** Called within the main program to retrieve price codes.
- Logic:** Fetches the pricing codes for items in the store.
- Impact:** Critical for pricing strategies and customer transactions.

4. BU715R (Company Information Retrieval)

- Trigger:** Called within the main program to retrieve company information.
- Logic:** Fetches information related to the company operating the store.
- Impact:** Important for compliance and reporting purposes.

5. BU716R (Department Information Retrieval)

- Trigger:** Called within the main program to retrieve department information.

- Logic:** Fetches department-related information for the store.

- Impact:** Helps in organizing inventory and sales data.

6. BU717R (Warehouse Information Retrieval)

- Trigger:** Called within the main program to retrieve warehouse information.

- Logic:** Fetches information about the warehouse associated with the store.

- Impact:** Essential for inventory management.

7. BU718R (Seller Information Retrieval)

- Trigger:** Called within the main program to retrieve seller information.

- Logic:** Fetches information about the seller associated with the store.

- Impact:** Important for sales tracking and commissions.

8. BU720R (Item Group Retrieval)

- Trigger:** Called within the main program to retrieve item group information.

- Logic:** Fetches item group information for the store.

- Impact:** Useful for categorizing inventory.

9. BU721R (Module Free Text Retrieval)

- Trigger:** Called within the main program to retrieve module free text.

- Logic:** Fetches free text information for the module related to the store.

- Impact:** Provides additional context for reporting.

10. BU725R (Item Information Retrieval)

- Trigger:** Called within the main program to retrieve detailed item information.

- Logic:** Fetches detailed information about items in the store.

- Impact:** Critical for inventory accuracy.

11. BU726R (Item List Retrieval)

- Trigger:** Called within the main program to retrieve an item list.

- Logic:** Fetches a list of items available in the store.

- Impact:** Necessary for sales and inventory management.

12. BU728R (Special Prices Retrieval)

- Trigger:** Called within the main program to retrieve special pricing information.

- Logic:** Fetches special pricing information for items in the store.

- Impact:** Important for promotional strategies.

13. BU729R (Deleted Items Retrieval)

- Trigger:** Called within the main program to retrieve deleted items.

- Logic:** Fetches information about items that have been deleted from the store's inventory.

- Impact:** Helps maintain accurate inventory records.

14. BU730R (Customer Information Retrieval)

- Trigger:** Called within the main program to retrieve customer information.

- Logic:** Fetches information about customers associated with the store.

- Impact:** Important for customer relationship management.

15. BU731R (Customer Notes Retrieval)

- Trigger:** Called within the main program to retrieve customer notes.

- Logic:** Fetches notes related to customers of the store.

•**Impact:** Provides context for customer interactions and service.