**Agrobank**

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| **Internet Banking Giro Label**  **(IE0000029C)** |
| Business Requirement and System Specification |

**(PENRIL/AGRO/BRS/20131107/04)**

**Version: 1.0**

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Prepared By:



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Document Amendment Log

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Business Requirement Acceptance

I/We hereby verify that this Business Requirement consist of all the requirements requested by AGROBANK. The implemented system will fulfill ONLY this requirement.

I/We also hereby AGREE that this satisfies our entire requirement for CR IE0000034C – Add Customer ID Filed for IBAM “RIB User Enquiry”

Any future changes to this agreed scope will be treated as an enhancement to the system. Any future changes to the project timeline will be subjected to the final approval of the project steering committee.

**AGROBANK:**

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| **Approved by** | **Role** | **Signature** | **Date** |
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**Penril Datability (SEA) Sdn. Bhd.:**

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| **Approved by** | **Role** | **Signature** | **Date** |
| Norhaidah Bt Md Dasuki | Project Manager |  |  |
| Alwil Husada | Team Lead |  |  |

Section 1: Introduction

This document served as the business requirement and system specification for the below:-

1. Retail Internet Banking (RIB)
   1. New IBG and Favourite Interbank details, confirm, result and receipt page
2. Business Internet Banking (BIB)
   1. New IBG and Favourite Interbank details, confirm, result and receipt page
3. Internet Banking Administration (IBAM)
   1. RIB Transaction Enquiry details
4. Internet Banking Report
   1. Interbank Fund Transfer Report

This document shall explain all the features and functionalities, which is elaborating with screen captures, process flow, descriptions, input fields specifications and error messages. All screen designs provided in this document are samples and only illustration purpose for easy understanding. The screen designs are not final.

Section 2: RIB and BIB

**Re-label Field under Retail Internet Banking (RIB) and Business Internet Banking (BIB) – New & Favourite Interbank GIRO Transfer**

These changes will cater for:

1. Retails Internet Banking (RIB)
2. Business Internet Banking(BIB)

**Purpose:**

Re-label the existing “Payment Reference” to “**Recipient’s Reference**” and “Remarks/Message to Bene” to “**Other Payment Details**”

* IBG Screen (New and Favourite Interbank transaction)
* IBG Receipt (New and Favourite Interbank transaction)
* RIB Transaction Enquiry (New and Favourite Interbank transaction)

The general steps of IBG transfer for BIB and RIB are similar to each other. However, this manual demonstrates Interbank Transfer for RIB only.

## Interbank Account Transfer

## New Interbank and Favourite Interbank

### Process Flow

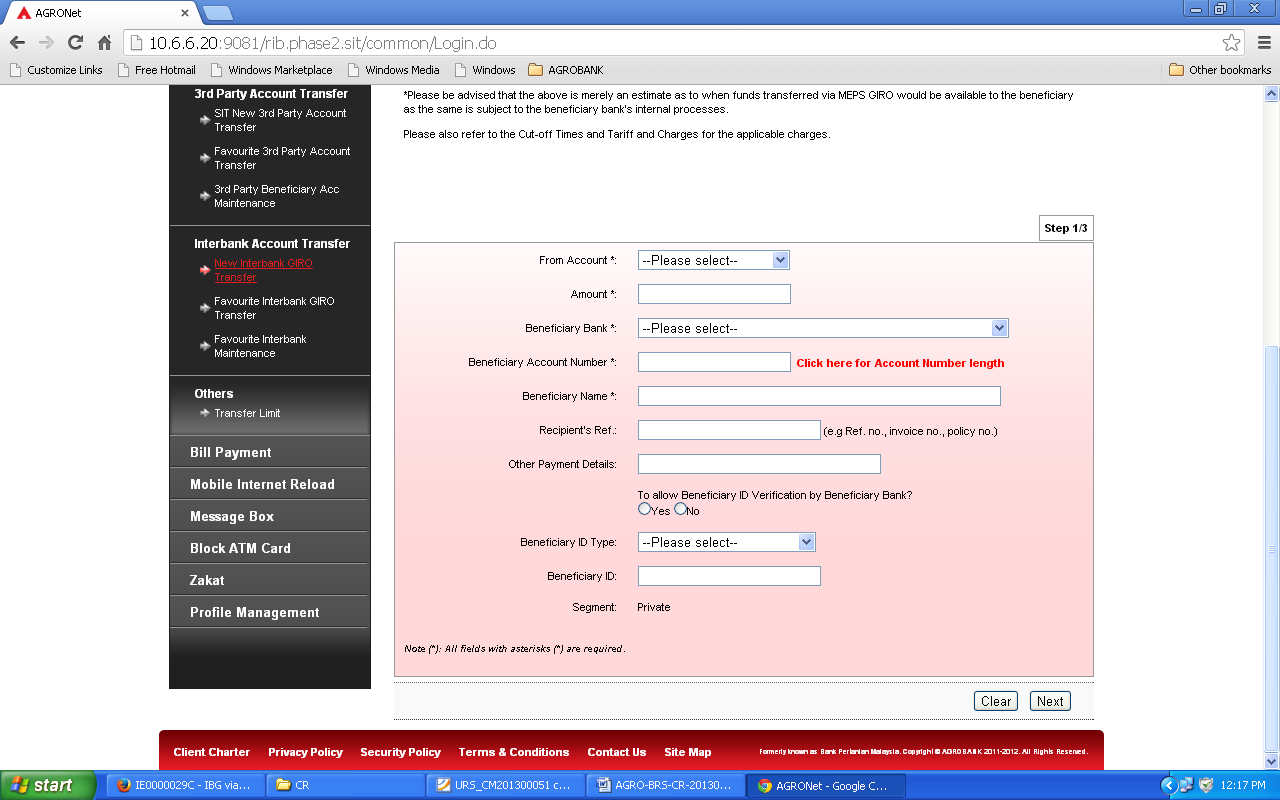


Diagram 1: Fund Transfer – Interbank Transfer Flow Diagram

### Screen Designs

***Step 1:***

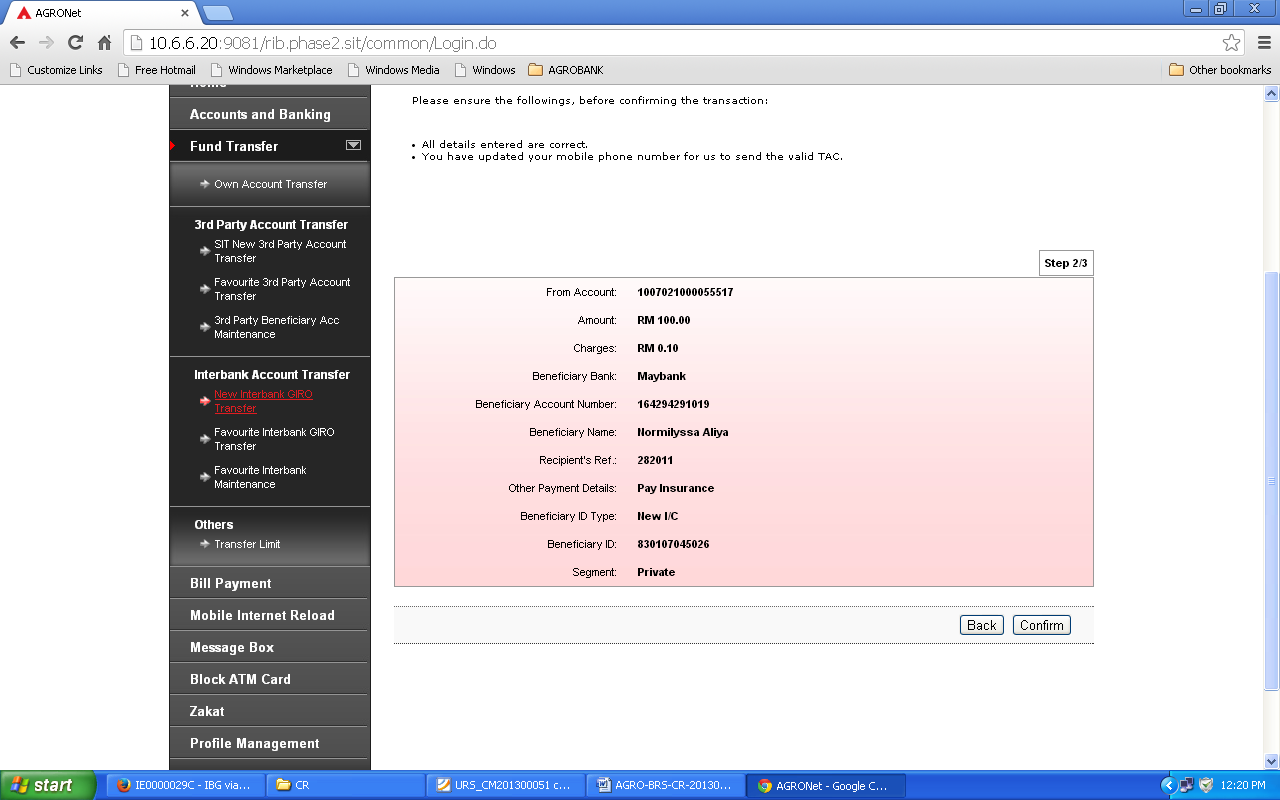
1. RIB User accesses the Interbank Account Transfer screen and IBS displays Interbank Transfer screen.
2. IBS display Interbank Transfer input screen
3. RIB User input all the required details

****

**Figure 1: Interbank Transfer Details Page**

***Step 2:***

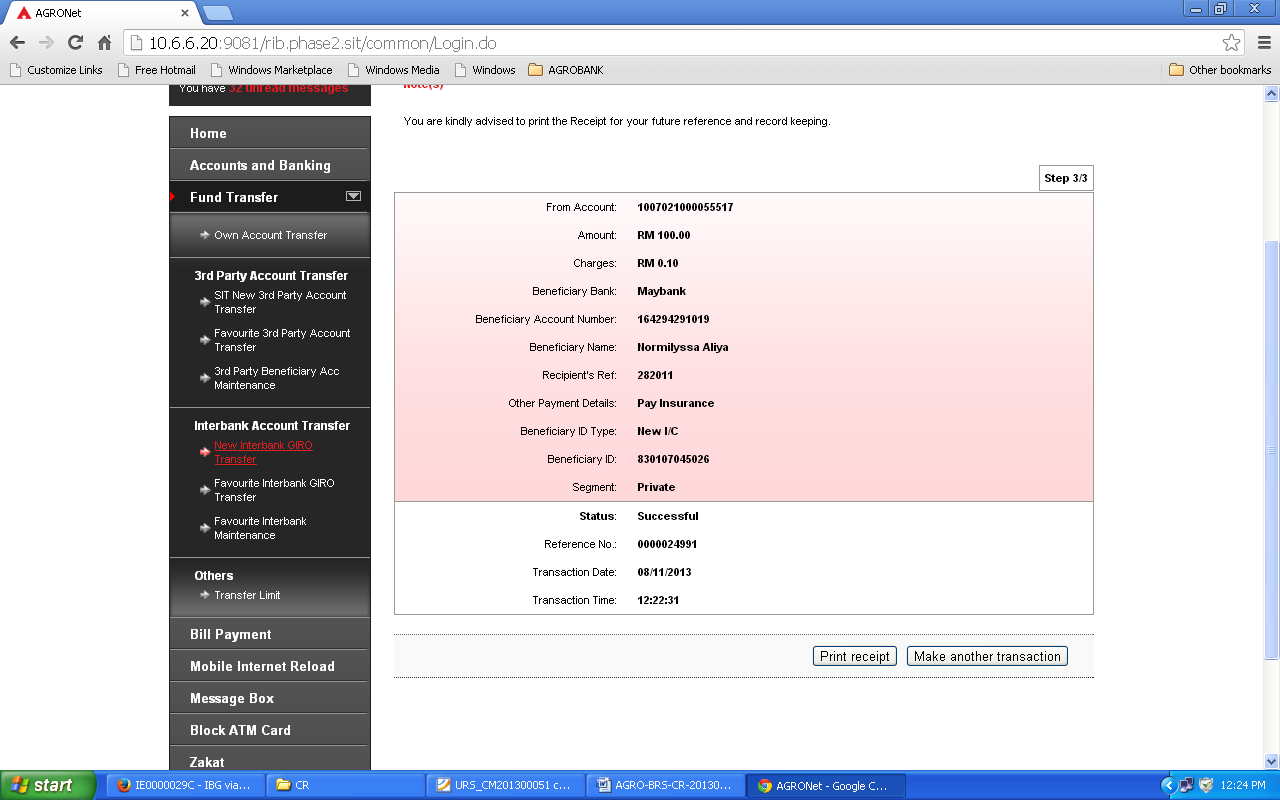
1. IBS display Interbank Transfer confirmation screen
2. RIB User confirms Interbank Transfer

****

**Figure 2: Interbank Transfer Confirm Page**

***Step 3:***

1. RIB User view Interbank Transfer Result screen.



**Figure 3: Interbank Transfer Result Page**

**Display Fields:**

| **No** | **Field** | **Format** | **Description** |
| --- | --- | --- | --- |
|  | From Account | Numeric | Shows the account number of sender |
|  | Amount | Text | Shows the inserted amount of transaction |
|  | Charges | Text | Shows the inserted charges of transaction |
|  | Beneficiary Bank | Text | Shows the beneficiary bank of the Interbank Beneficiary |
|  | Beneficiary Account Number | Numeric | Shows the account number of Interbank Beneficiary |
|  | Beneficiary Name | Text | Shows the beneficiary name |
|  | ***Recipient’s Ref.*** | ***Text*** | ***Shows the reference of the payment*** |
|  | ***Other Payment Details*** | ***Text*** | ***Shows the others payment details of user*** |
|  | Beneficiary ID Type | Text | Show the Beneficiary ID Type |
|  | Beneficiary ID | Text | Show the Beneficiary ID |
|  | Segment | Text | Shows segment for Interbank transfer |
|  | Status | Text | Shows the status of transaction |
|  | References No | Numeric | Shows the references number of particular transaction |
|  | Transaction Date | DD/MM/YYYY | Shows the date of transaction |
|  | Transaction Time | HH:MM:SS | Show the time of transaction |

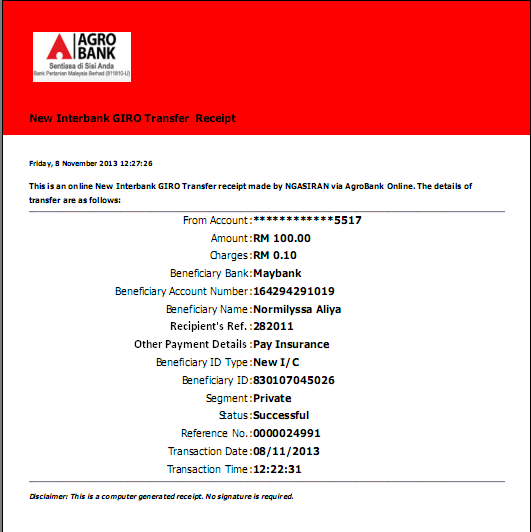
Table 1: Interbank Transfer via IBG Result Display Fields

**Action:**

| **No** | **Action** | **Type** | **Description** |
| --- | --- | --- | --- |
|  | Make another transaction | Button | Contains an action to go back to fund transfer page |
|  | Print Receipt | Button | Contains an action to generate receipt’s pop-up display |

Table 2: Interbank Transfer via IBG Result List Action

***Step 4:***

1. User is able to print out the receipt by clicking on the “Print Receipt” button.RIB system displays the print form of New Interbank Transfer Receipt.

**Figure 4: Interbank Transfer Receipt Page**

**Display Fields:**

| **No** | **Field** | **Format** | **Description** |
| --- | --- | --- | --- |
|  | From Account | Numeric,  Partial Masked | Shows the account number of sender |
|  | Amount | Text | Shows the inserted amount of transaction |
|  | Charges | Text | Shows service Charges for Interbank transfer |
|  | Beneficiary Bank | Text | Shows the beneficiary bank of the Interbank Beneficiary |
|  | Beneficiary Account Number | Numeric | Shows the account number of Interbank Beneficiary |
|  | Beneficiary Name | Text | Shows the name of beneficiary |
|  | ***Recipient’s Ref.*** | ***Text*** | ***Shows the reference of the payment*** |
|  | ***Other Payment Details*** | ***Text*** | ***Shows the others payment details of user*** |
|  | Beneficiary ID Type | Text | Show the Beneficiary ID Type |
|  | Beneficiary ID | Text | Show the Beneficiary ID |
|  | Segment | Text | Shows segment for Interbank transfer |
|  | Status | Text | Shows the status of transaction |
|  | References No | Numeric | Shows the references number of particular transaction |
|  | Transaction Date | DD/MM/YYYY | Shows the date of transaction |
|  | Transaction Time | HH:MM:SS | Show the time of transaction |

Table 3: Interbank Fund Transfer via IBG Print Receipt Display Fields

**Action:**

| **No** | **Action** | **Type** | **Description** |
| --- | --- | --- | --- |
|  | Close the Window | Hyperlink | Contains an action to close the print receipt window. |

Table 4: Interbank Fund Transfer via IBG Print Receipt Action

Section 3: IBAM

## RIB Transaction Enquiry

This feature allows an authorized IBAM user to view Retail Internet Banking monetary transaction activities.

## New Interbank Transfer and Favourite Interbank Transfer

### Process Flow



Diagram 2: RIB Transaction Enquiry Flow Diagram

### Screen Designs

***Step 1:***

1. Admin can access to RIB Transaction Enquiry Screen by clicking on the “RIB Transaction Enquiry” link on the left navigation menu
2. Admin may input search criteria and click the “Search” button. The search/filter mechanism working as OR case, which means all items are optional
3. Admin can select “**New Interbank GIRO Transfer”** or **“Favourite Interbank GIRO Transfer”** types from Transaction Types drop down list

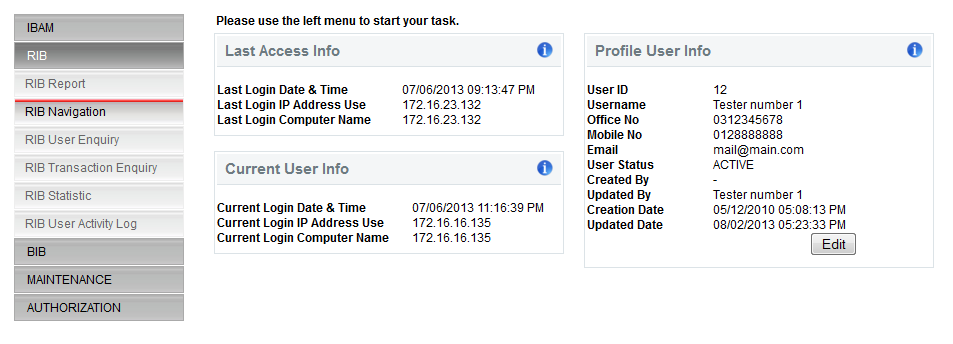


Figure 5: RIB Transaction Enquiry Side Navigation

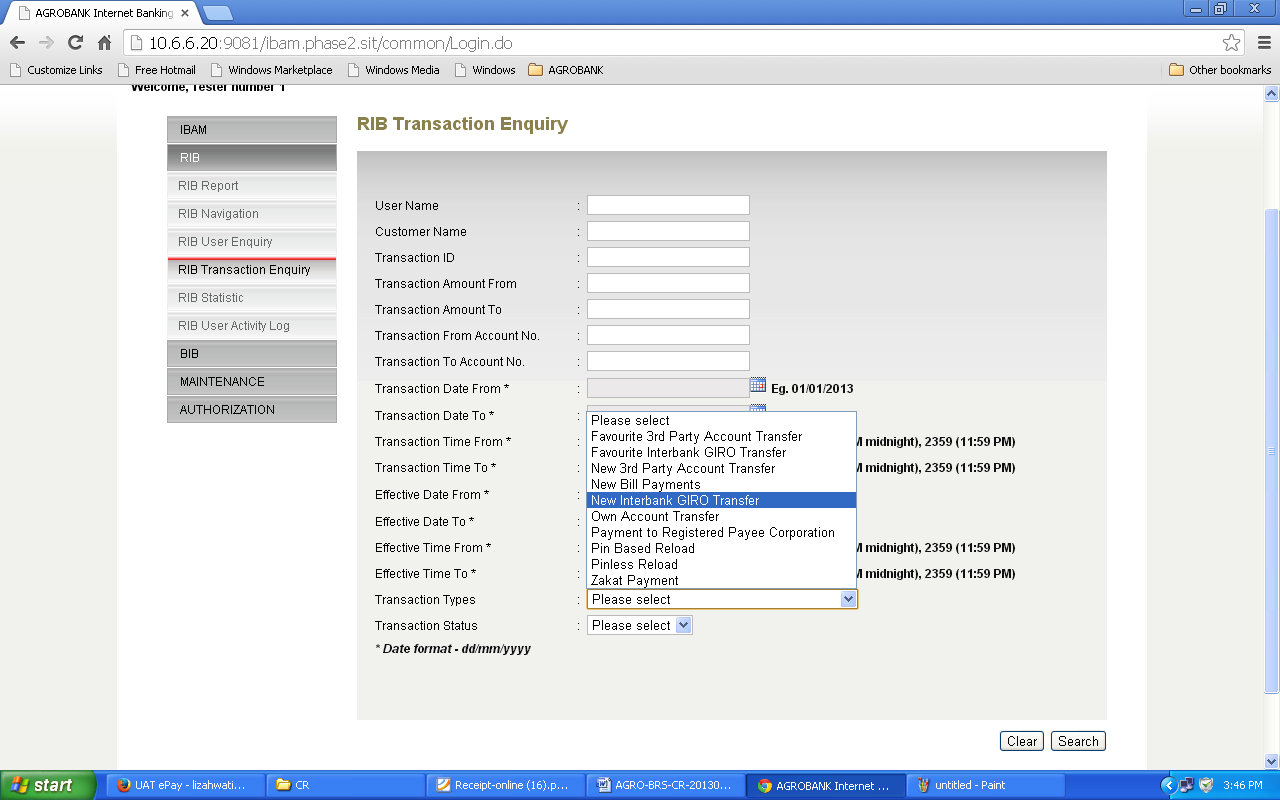


Figure 6: RIB Transaction Enquiry Screen

**Input Specification:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Field | Field Type | Validation Rule | Description | Compulsory |
|  | User Name | Text Box | 64 digits of alphanumeric. | Search based on the user alias, normally it is displayed in RIB homepage (E.g.: Welcome back, *John*). Used as a nickname. | No |
|  | Customer Name | Text Box | 255 digits of alpha and symbol | Search any transaction according to the User Name. | No |
|  | Transaction ID | Text Box | Numeric | Search based on the transaction ID. | No |
|  | Transaction Amount From | Text Box | Numeric | Search any transaction based on the transaction amount starts from the field defined (from minimum amount). | No |
|  | Transaction Amount To | Text Box | Numeric | Search any transaction based on the transaction amount ends to the field defined (to maximum amount). | No |
|  | Transaction From Account No. | Text Box | Numeric | Search according to the account no. which had initiated the transaction. | No |
|  | Transaction To Account No. | Text Box | Numeric | Search according to the account no. which had received the transaction. | No |
|  | Transaction Date From | Calendar, Date Picker | DD/MM/YYYY | Search any transaction that occurred from the date defined. | No |
|  | Transaction Date to | Calendar, Date Picker | DD/MM/YYYY | Search any transaction that occurred until to the date defined. | No |
|  | Transaction Time From | Text Box | hh:mm | Search any transaction that occurred from the time defined. | No |
|  | Transaction Time to | Text Box | hh:mm | Search any transaction that occurred until to the time defined. | No |
|  | Effective Date From | Calendar, Date Picker | DD/MM/YYYY | Search any transaction that occurred from the effective date defined. | No |
|  | Effective Date To | Calendar, Date Picker | DD/MM/YYYY | Search any transaction that occurred to the effective date defined. | No |
|  | ***Transaction Type*** | ***Drop Down List*** |  | ***Search according to the transaction type.*** | ***No*** |
|  | Transaction Status | Drop Down List |  | Search any transaction based on the status whether ‘successful or unsuccessful’ | No |

Table 5: RIB Transaction Enquiry Specification

**Action:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Action | Type | Description |
| 1. | Search | Button | To retrieve list of transaction, based on the search criteria or list of all transactions, if no criteria specified. |

Table 6: RIB Transaction Enquiry Action

**List of available messages for the screen**

|  |  |  |
| --- | --- | --- |
| **No.** | **Event** | **Error Description in English** |
| 1. | Fill in User Name with special character | |  | | --- | | User Name is not an alphanumeric. | |
| 2. | Fill in Transaction ID field with alpha and/or special character | |  | | --- | | Transaction ID is not numeric. | |
| 3. | Fill in Transaction Amount from and/or to field with alphabet. | Transaction Amount From/To is not in proper currency format. |
| 4. | Fill in Transaction from and/or to account number with alphabet or special character. | Transaction From/To Account No is not numeric. |
| 5. | Fill in Transaction Date from and/or to field with invalid date format. | Transaction Date From/To is an invalid date/time format |
| 6. | Fill in Effective Date from and/or to field with invalid date format. | Effective Date From/To is an invalid date/time format |

Table 7: RIB Transaction Enquiry Action

***Step 2:***

1. IBAM display RIB Transaction Listing which based on Interbank Transaction.
2. Admin can view an RIB Transaction Details by clicking on a Transaction ID.

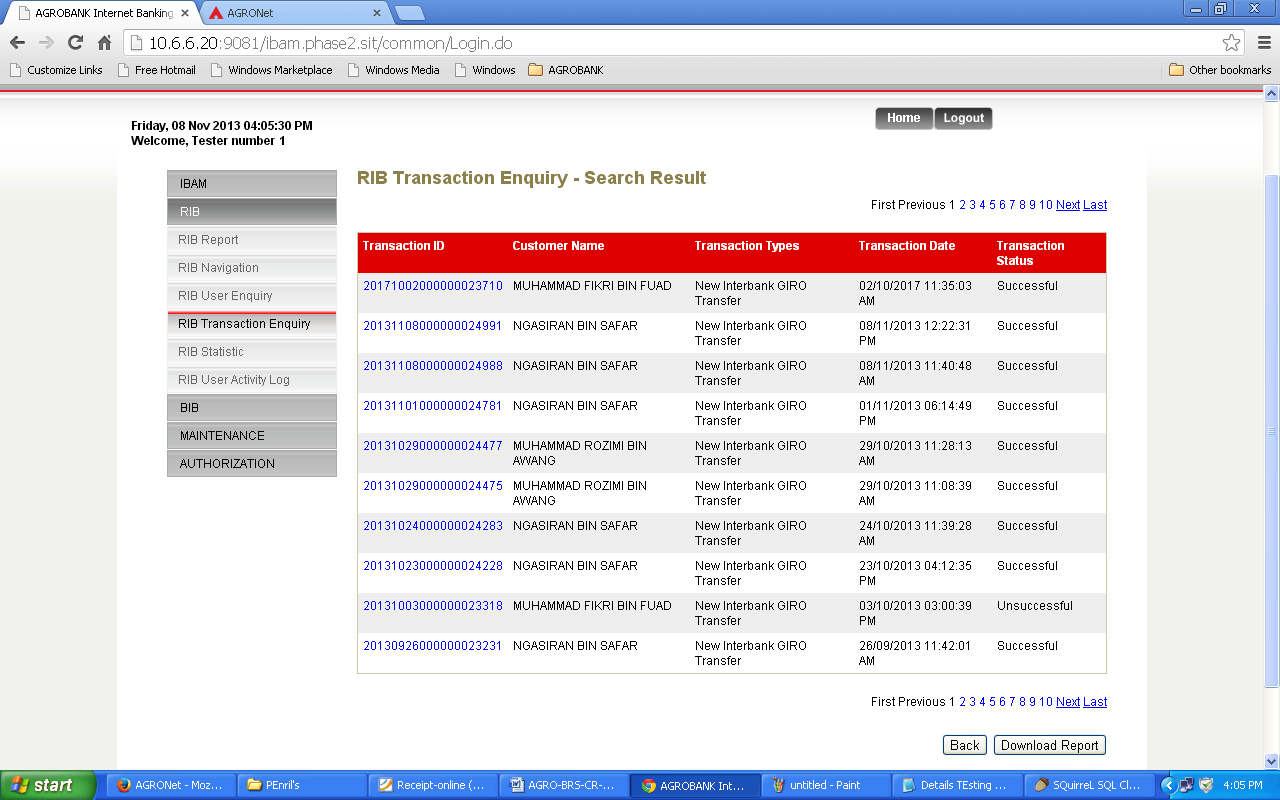


Figure 7: RIB Transaction Enquiry List Screen

**Display Specification:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field | Format | Description |
| 1. | Transaction ID | Numeric | Transaction Unique ID |
| 2. | Customer Name | Alpha, Numeric, and or special character | Customer Name |
| 3. | Transaction Type | Textbox | Type of transactions performed by customer. |
| 4. | Transaction Date | Date and Time Format | Date of Transaction performed |
| 5. | Transaction Status | Textbox | Status of transaction |

Table 8: RIB Transaction Enquiry List Display Field

**Action:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Action | Type | Description |
|  | Transaction ID | Hyperlink | Contains an action to display the details of transaction according to particular transaction ID selected. |
|  | Back | Button | Goes back to the RIB Transaction Search page. |
|  | Page No. | Hyperlink | Contains an action to display the list of any transaction that listed on the other page. |
|  | Download Report | Button | Contains an action to Download the listing transaction according to particular selected as excel data |

Table 9: RIB Transaction Enquiry List Action

***Step 3:***

1. IBAM display IB Transaction Details.

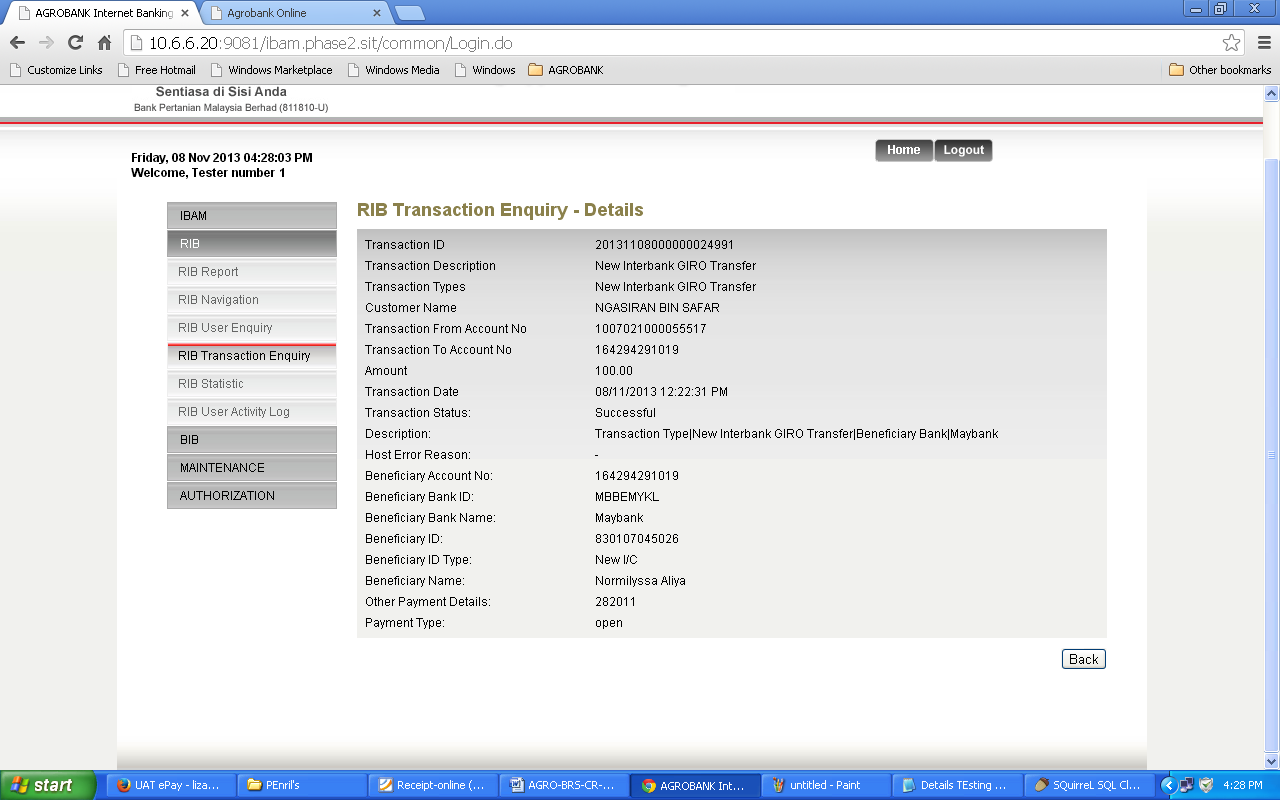


Figure 8: Sample of RIB Transaction Enquiry Details Screen

**Action:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Action | Type | Description |
| 1. | Back | Button | Goes back to the RIB Transaction Enquiry – Search Result page. |

Table 10: RIB Transaction Enquiry Details Action

## RIB Report

This feature allows an authorized IBAM user to download Retail Internet Banking report for transaction activities.

## Interbank Fund Transfer Report Daily

### Process Flow



Diagram 3: RIB Report Flow Diagram

### Screen Designs

***Step 1:***

1. Admin can access to RIB Report by clicking on the “RIB Report” link on the left navigation menu

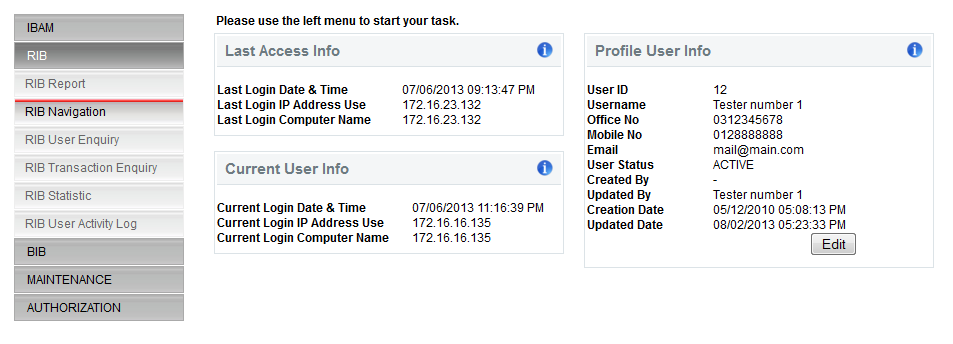


Figure 9: RIB Report Side Navigation

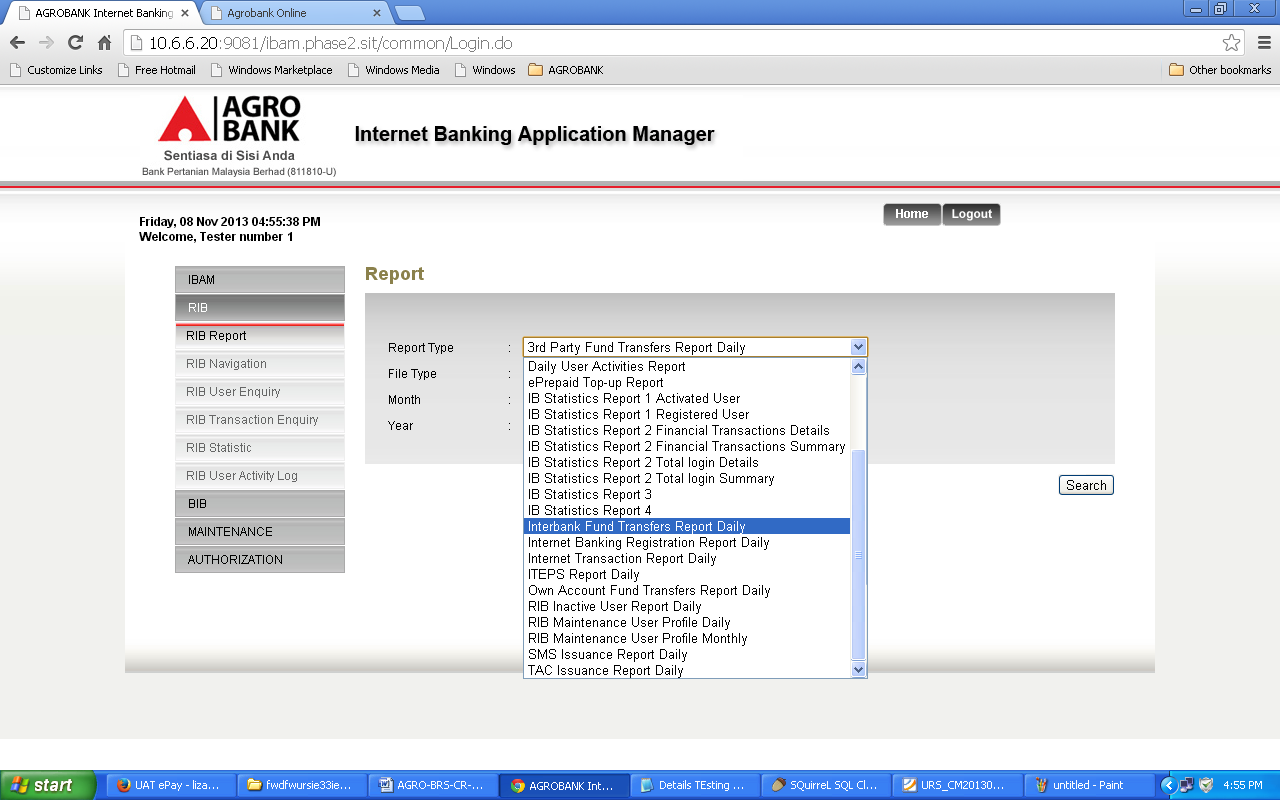


Figure 10: RIB Report Screen

**Input Specification:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No | Field | Field Type | Validation Rule | Description | Compulsory |
|  | Report Type | Dropdown list | - | Search based on BIB transaction reporttype. | O |
|  | File | Dropdown list | - | Search based on Type of file. | O |
|  | Month | Dropdown list | - | Search based on report month. | O |
|  | Year | Dropdown list | - | Search based on report year. | O |

Table 11: RIB Report Input Specification

**Action:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Action | Type | Description |
|  | Search | Button | Contains an action to search RIB report. |

Table 12: RIB Report Action

***Step 2:***

1. IBAM display RIB Report Listing which based on search criteria.
2. Admin can save RIB Report by clicking “Save” button

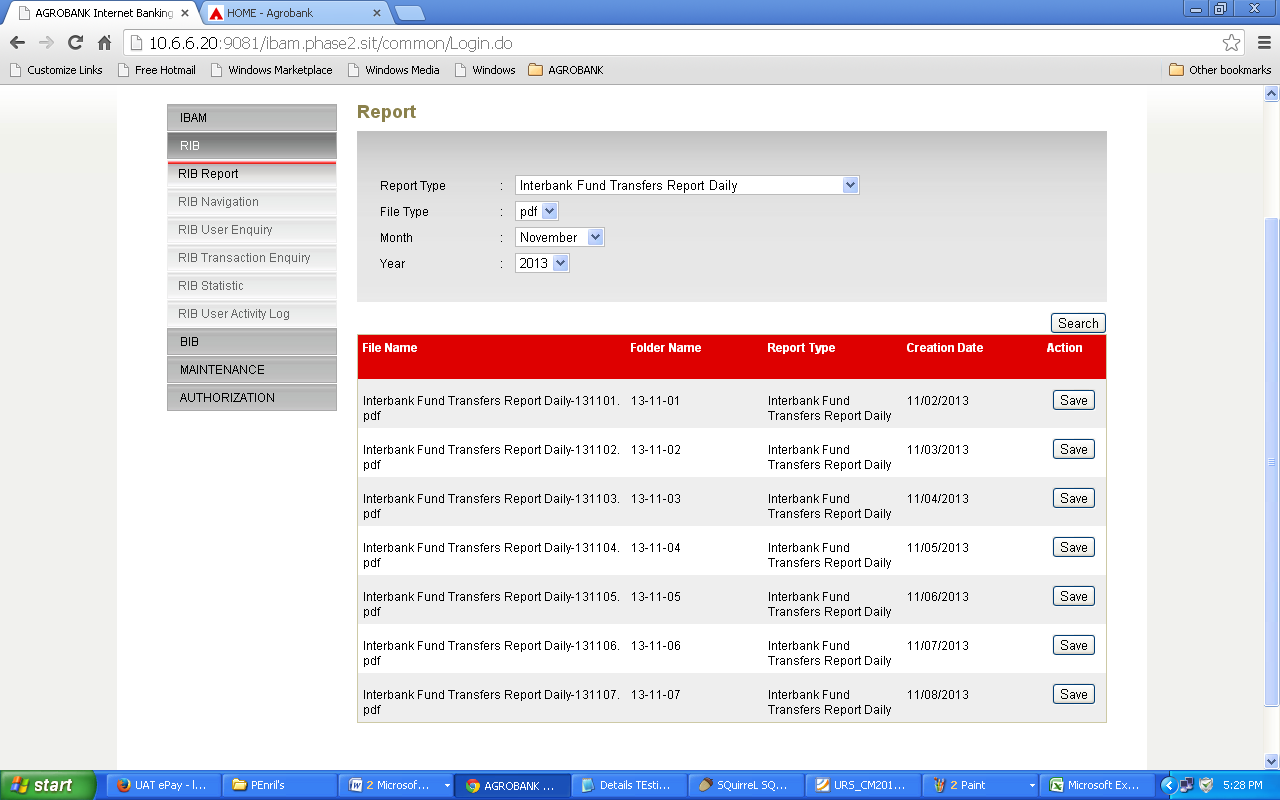


Figure 11: RIB Report List Screen

**Display Specification:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Field | Field Type | Description |
| 1. | File Name | Text | Name of the report file |
| 2. | Folder Name | Text | Name of the report folder |
| 3. | Report Type | Text | Type of the report |
| 4. | Creation Date | DD/MM/YYYY | Creation date of the particular report |

Table 13: RIB Report List Display Field

**Action:**

|  |  |  |  |
| --- | --- | --- | --- |
| No | Action | Type | Description |
|  | Save | Button | Contains an action to save the selected RIB Report. |

Table 14: RIB Report List Action

***Step 3:***

1. A dialog box will pop-up, asking further action from user whether to open the report using with software such as PDF or other to save the file
2. Once open the report, user can view the details of the selected report

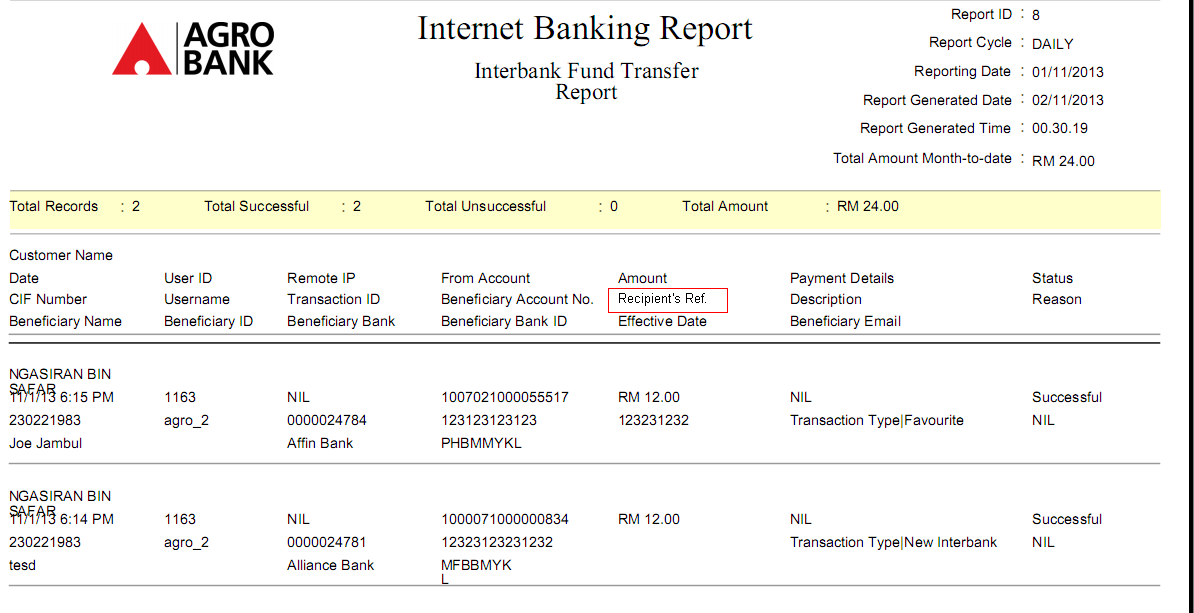


Figure 12: RIB Report Screen

Section 4: Change Impact Analysis

Impacted Modules:-

|  |  |  |
| --- | --- | --- |
| No | Modules | Changes |
|  | IBAM->RIB Transaction Enquiry, RIB Report  IBAM->BIB Transaction Enquiry, BIB Report | * Label changes from “Payment Reference” to “**Other Payment Details**” for module New Interbank Transfer and Favourite Interbank Transfer * Label changes from “Transaction Ref. No.” to “**Recipient Ref.**” for Interbank Fund Transfer Report title |
|  | * RIB   + New Interbank Transfer   + Favourite Interbank Transfer * BIB   + For Single User     - New Interbank Transfer     - Favourite Interbank Transfer   + Approver     - Authorization Module | Label changes from “Payment Reference” to “**Recipient’s Reference**” and “Remarks/Message to Bene” to “**Other Payment Details**” for modules New Interbank Transfer and Favourite Interbank Transfer at details, confirm, result and receipt pages |

---END-- -