**Agrobank**

**Retail and Business Internet Banking System**

**GST**

**Monetary**

**System Integration Test (SIT)**

**&**

**HOST Message Mapping Format**

January 27th 2015

**Prepared By:**



Penril Datability (SEA) Sdn Bhd (384550-U)

Suite A-07-07 Plaza Mon’t Kiara

No. 2, Jalan Kiara, Mon’t Kiara

50480 Kuala Lumpur, Malaysia

Tel: (603) 6201 2622 Fax: (603) 6201 7622

**Document Administration**

**Document Amendment Log**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ver.**  **No** | **Date Updated** | **Description of Change** | **Updated By**  **<Name, Dept>** | **Reviewed By**  **<Name, Dept>** | **Approved By <Name, Dept>** |
| 1.0 | 27/01/2015 | Initial Release | Kartono Wijaya |  |  |

**Table of Contents**

1 Objective 5

2 Test Scope 5

3 Test Summary 6

4 Test Cases 8

4.1 HOST Connection 8

Test No: 1.0 8

Test No: 2.0 9

4.2 HOST (Transactional Functions) 10

4.2.1 Fund Transfer 10

4.2.2 Bill Payment 33

Test No: 3.11 37

Test No: 3.12 41

Test No: 3.13 45

Test No: 3.14 49

Test No: 3.15 53

Test No: 3.16 57

Test No: 3.17 61

Test No: 3.18 65

Test No: 3.19 69

Test No: 3.20 73

Test No: 3.21 77

Test No: 3.22 81

4.2.3 E-Pay (Bill Payment) 85

Test No: 3.27 88

**System Integration Test Signoff**

I/We hereby verify that this SIT has completed successfully and consist of all the requirements requested by AGROBANK.

I/We also hereby AGREE that this satisfies our entire requirement for INTERNET BANKING SYSTEM (PHASE 2) PROJECT.

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:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Approved by** | **Role** | **Signature** | **Date** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**SILVERLAKE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Approved by** | **Role** | **Signature** | **Date** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Penril Datability (SEA) Sdn. Bhd.:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Approved by** | **Role** | **Signature** | **Date** |
| Tan Lee Yong | Project Director |  |  |
| Tan Lee Lee | Project Manager |  |  |
| Kartono Wijaya | Software Engineer |  |  |

# Objective

The objective of this exercise is to confirm GST HOST connection and functions are work as design and meet user requirements.

# Test Scope

The scope of SIT is covered in the shaded area in the below diagram.



|  |  |
| --- | --- |
| No | Scope |
|  | Host connection |
|  | Host request / response messages for Transactional functions with GST Enhancement |

# Test Summary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No | Test No | Result | Tested by | Verified by |
|  | **3.11** | Pass:  Fail:  N/A: |  |  |
|  | **3.12** | Pass:  Fail:  N/A: |  |  |
|  | **3.13** | Pass:  Fail:  N/A: |  |  |
|  | **3.14** | Pass:  Fail:  N/A: |  |  |
|  | **3.15** | Pass:  Fail:  N/A: |  |  |
|  | **3.16** | Pass:  Fail:  N/A: |  |  |
|  | **3.17** | Pass:  Fail:  N/A: |  |  |
|  | **3.18** | Pass:  Fail:  N/A: |  |  |
|  | **3.19** | Pass:  Fail:  N/A: |  |  |
|  | **3.20** | Pass:  Fail:  N/A: |  |  |
|  | **3.21** | Pass:  Fail:  N/A: |  |  |
|  | **3.22** | Pass:  Fail:  N/A: |  |  |
|  | **3.27** | Pass:  Fail:  N/A: |  |  |

# Test Cases

## HOST Connection

|  |  |
| --- | --- |
| Test No: 1.0 |  |
| Test Title: | Connection To Host (RIB) |
|  | |
| Test Purpose: | To ensure host connectivity |
|  | |
| Test Function: | TCP/IP |
| Transactional Code: | N/A |
| Message Format: | N/A |
|  | |
| Procedure: | 1. Telnet to the given host IP and port 2. Check the response message |
|  | |
| **Response Message:**  Telnet successfully Pass:  Fail: | |
|  | |
| Reason for Failure: |  |
| Remarks: | IP Address: 10.6.6.6  Port: 8045 |

|  |  |
| --- | --- |
| Test No: 2.0 |  |
| Test Title: | Connection To Host (BIB) |
|  | |
| Test Purpose: | To ensure host connectivity |
|  | |
| Test Function: | TCP/IP |
| Transactional Code: | N/A |
| Message Format: | N/A |
|  | |
| Procedure: | 1. Telnet to the given host IP and port 2. Check the response message |
|  | |
| **Response Message:**  Telnet successfully Pass:  Fail: | |
|  | |
| Reason for Failure: |  |
| Remarks: | IP Address: 10.6.6.6  Port: 8046 |

## HOST (Transactional Functions)

## Fund Transfer

|  |  |
| --- | --- |
| Host Function: | Message Header |
| Message Type: | Used for Request Header and Response Header |
| Description: | The following table shows the message header that shall be used for all messages. |

| **Header Message Format** | | **Type:** | | **ABCS Message** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  |  | ICLEN | Message Length | 74 |
|  |  | ICHEAD | Message Header | \*MOSA |
|  |  | ICRTRQ | Router Queue |  |
|  |  | ICDEVN | Device |  |
|  |  | ICID | Message number | 0 |
|  |  | ICCOMQ | Communications Queue |  |
|  |  | ICIPSF | Final socket addr | 0 |
|  |  | TMTIMIN | Entry time |  |
|  |  | TMTXTYP | Transaction type | T9999 |
|  |  | ICRSV1 | RESERVED |  |
|  |  | ICEOM | EOM group indicator |  |
|  |  | ICDATA | Message Body | The application message body like Fund Transfer, IBG Payment, Bill Payment, etc.. |

|  |  |
| --- | --- |
| Host Function: | Response Messages |
| Message Type: | Response Body |
| Description: | The following table shows the Good and Bad response message that is standard to all Transactional Functions. The relavent field will be showed at each Test Case. |

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  |  | RSPLEN | Response length | 478 |
|  |  | RSPCOD | Response code | Static Value = F1 |
|  |  | TLXMNE | Code Field 3 | TPS |
|  |  | SNAME | Short name | AHMAD BOKHARI BIN MU |
|  |  | SNAME2 | Short name |  |
|  |  | CFVIPC | VIPcustomer code |  |
|  |  | ACNAME | Primary Accunt name | AHMAD BOKHARI BIN MUSA |
|  |  | CIFNM1A | Joint Account name 1 |  |
|  |  | CIFNM1B | Joint Account name 1 |  |
|  |  | CIFREL1 | Relationship Code1 | JT |
|  |  | CIFNM2A | Joint Account name 2 |  |
|  |  | CIFNM2B | Joint Account name 2 |  |
|  |  | CIFREL2 | Relationship Code2 |  |
|  |  | ACSTS1 | Account Status 1 | 0 |
|  |  | ACSTS2 | Account Status 2 | 0 |
|  |  | ACSTS3 | Account Status 3 | 0 |
|  |  | ACSTS4 | Account Status 4 | 0 |
|  |  | ACSTS5 | Account Status 5 | 0 |
|  |  | ACSTS6 | Account Status 6 | 0 |
|  |  | ACSTS7 | Account Status 7 | 0 |
|  |  | ACSTS8 | Account Status 8 | 0 |
|  |  | ACSTS9 | Account Status 9 |  |
|  |  | CCDNAM | Collateral Name |  |
|  |  | CFINDI | Individual | Y |
|  |  | TMSYSREF | System Gen Ref | 205700000009 |
|  | Available Balance | AVLBAL99 | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  | Host Sequence Number | SEQ3 | Sequence | 0 |
|  |  | STAFF1 | Staff Indicator | N |
|  |  | LNRVTOT | Total LN Rv Amount | 0.00 |
|  |  | CIFNM3A | Joint Account name 3 |  |
|  |  | CIFNM3B | Joint Account name 3 |  |
|  |  | CIFREL3 | Relationship Code 3 |  |
|  |  | DUEDT6 | Due Date | 0 |
|  |  | DDCTYP | Currency Code | MYR |
|  |  | NPLSTA | NPL Status | N |

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code | Static value = T4 |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Credit/Debit |  |
|  | Available Balance | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | status |  |

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  |  | RSPLEN | Response length | 50 |
|  |  | RSPCOD | Response code | Static value = 41 |
|  |  | TLTXCD | Transaction code | 9118 |
|  |  | TLXMNE | Code field 3 |  |
|  |  | TLBSEQ | Journal Seq | 681982881 |
|  |  | TLBID | Teller ID | BBANKING |
|  |  | TLBCUD | Control unit | C8 |
|  |  | TLBWS | WorkStn |  |
|  |  | HOVREQ | Highest override req | N |
|  | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length | 162 |
|  |  | RSPCOD | Response code | Static value = 42 |
|  |  | ERN1 | Error code | 263 |
|  |  | ERO1 | Override req | N |
|  |  | APL1 | Application line num | 1 |
|  |  | APT1 | Application type |  |
|  |  | ADT1 | Addl data type |  |
|  |  | ADF1 | Addl data field |  |
|  |  | AEC1 | Addl error code |  |
|  |  | ADT2 | Addl data type 2 |  |
|  |  | ADF2 | Addl data field 2 |  |
|  |  | ADT3 | Addl data type 3 |  |
|  |  | ADF3 | Addl data field 3 |  |
|  |  | SWAC1 | Sweep Acct 1 |  |
|  |  | SWACTYPE1 | Acctype 1 |  |
|  |  | SWAVL1 | Avl Bal 1 | 00000000000000000 |
|  |  | SWAC2 | Sweep Acct 2 |  |
|  |  | SWACTYPE2 | Acctype 2 |  |
|  |  | SWAVL2 | Avl Bal 2 | 00000000000000000 |
|  |  | AVAILB | Avl Bal - ATM | 00000000000000000 |

|  |  |
| --- | --- |
| Host Function: | Fund Transfer |
| Message Type: | Request Body |
| Description: | The following are the host message mapping to IB field. Only relevant field will be showed in each test case. Full fields are only show in this section. |

| **Request** | | | | |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  |  | TLBID | Teller ID | RIB=EBANKING  BIB=BBANKING |
|  |  | TLBSEQ | Journal Seq | Runtime value |
|  |  | TLBCOR | Correction | Default value = “” |
|  |  | TLBOSQ | Orig Seq # | Default value = “” |
|  |  | TLBTCD | Transaction Code | Runtime value |
|  |  | TLBTDT | Transaction Date | Runtime value |
|  |  | TLBEDT | Effective trans date | Static value = 0 |
|  |  | TLBCUD | Control unit | Static value = “” |
|  |  | TLBWS | WorkStn | Static value = “” |
|  |  | TLBSOV | Supr Ovr ID/ Aux TL ID | Static value = “” |
|  |  | TLBBRC | Teller branch | Static value = 0 |
|  |  | TLBPST | Rebid Request no | Static value = 0 |
|  |  | TLBAPM | AM/PM Mode | Static value = 1 |
|  |  | TLBFRD | Forwarded Item | Static value = “” |
|  |  | TLBTRN | Training Mode | Static value = “” |
|  |  | TLBRBD | Re-bid Request | Static value = “” |
|  |  | TLBTLO | Teller Override | Static value = “” |
|  |  | TLBSVO | Supervsr Override | Static value = “” |
|  |  | TLBFEO | Frwd Edit Override | Static value = “” |
|  |  | TLBREL | Release A/c Request | Static value = “” |
|  | From Account Number | TLBF01 | Single Fl 1 / Debitting A/C Number | Runtime value |
|  | To Account Number | TLBF02 | Single Fl 2 / Creditting A/C Number | Runtime value |
|  | Amount | TLBF03 | Single Fl 3 / Transfer Amount | Runtime value |
|  | Amount | TLBF04 | Single Fl 4 / Transfer Amount | Runtime value |
|  |  | TLBF05 | Single Fl 5 | Static value = 0 |
|  |  | TLBF06 | Single Fl 6 | Static value = 0 |
|  |  | TLBF07 | Single Fl 7 | Static value = 0 |
|  |  | TLBF08 | Single Fl 8 | Static value = 0 |
|  | Customer Charges | TLBF09 | Single Fl 9 / Service Charges | Runtime value |
|  |  | TLBF10 | Single Fl 10 | Static value = 0  If future transfer = “DDMMYY” |
|  | Customer Charges | TLBF11 | Single Fl 11 / Service Charges | Runtime value |
|  | Customer Charges | TLBF12 | Single Fl 12 / Service Charges | Runtime value |
|  |  | TLBF13 | Single Fl 13 | Static value = 0 |
|  | Charge GL Account Number | TLBF14 | Single Fl 14 / Service Charge A/C Number (GL A/C#) | Runtime value |
|  |  | TLBF15 | Single Fl 15 | Static value = 0 |
|  |  | TLBF16 | Single Fl 16 | Static value = 0 |
|  |  | TLBF17 | Single Fl 17 | Static value = 0 |
|  |  | TLBF18 | Single Fl 18 | Static value = 0 |
|  |  | TLBF19 | Single Fl 19 | Static value = 0 |
|  |  | TLBF20 | Single Fl 20 | Static value = 0 |
|  |  | TLBF21 | Single Fl 21 | Static value = 0 |
|  |  | TLBF22 | Single Fl 22 | Static value = 0 |
|  |  | TLBF23 | Single Fl 23 | Static value = 0 |
|  |  | TLBF24 | Single Fl 24 | Static value = 0 |
|  |  | TLBF25 | Single Fl 25 | Static value = 0 |
|  |  | TLBF26 | Single Fl 26 | Static value = 0 |
|  |  | TLBF27 | Single Fl 27 | Static value = 0 |
|  |  | TLBF28 | Single Fl 28 | Static value = 0 |
|  |  | TLBF29 | Single Fl 29 | Static value = 0 |
|  |  | TLBF30 | Single Fl 30 | Static value = 0 |
|  |  | TLBF31 | Single Fl 31 | Static value = 0 |
|  |  | TLBF32 | Single Fl 32 | Static value = 0 |
|  |  | TLBF33 | Single Fl 33 | Static value = 0 |
|  |  | TLBF34 | Single Fl 34 | Runtime value |
|  |  | TLBF35 | Single Fl 35 | Static value = 0 |
|  |  | TLBF36 | Single Fl 36 | Static value = 0 |
|  |  | TLBF37 | Single Fl 37 | Static value = 0 |
|  |  | TLBF38 | Single Fl 38 | Static value = 0 |
|  |  | TLBF39 | Single Fl 39 | Static value = 0 |
|  |  | TLBF40 | Single Fl 40 | Static value = 0 |
|  | Currency | TLBCUR | Account Currency code | Default value = MYR |
|  |  | TLBCIF | Cif Number | Static value = 0 |
|  |  | TLBPRD | Product | Static value = “” |
|  |  | TLBSRC | Source of Funds | Static value = “” |
|  |  | TLBTPN | 3rd Party Names | Static value = “” |
|  |  | TLBPNM | Payee Name | Static value = “” |
|  |  | TLBREN | Renewal Code | Static value = “” |
|  |  | TLBIDC | Int Disp Code | Static value = “” |
|  |  | TLBMDC | Maturity Disp Code | Static value = “” |
|  |  | TLBXAT | Xfer A/C Type | Static value = “” |
|  |  | TLBXMT | Xfer acc typ Maturity | Static value = “” |
|  |  | TLBCQTYI | Chq Type For Interest | Static value = “” |
|  |  | TLBCQTYM | Chq Type For Maturity | Static value = “” |
|  |  | TLBRFN | Our Ref | Static value = “” |
|  |  | TLCUR1 | Alternate Currency1 | Static value = “” |
|  |  | TLCUR2 | Alternate Currency2 | Static value = “” |
|  |  | TLCUR3 | Alternate curency3 | Static value = “” |
|  |  | TLCUR4 | Alternate curency4 | Static value = “” |
|  |  | TLCUR5 | Alternate curency5 | Static value = “” |
|  |  | TLBC01 | Amt Ccy use 1 | Static value = “” |
|  |  | TLBC02 | Amt Ccy use 2 | Static value = “” |
|  |  | TLBC03 | Amt Ccy use 3 | Static value = “” |
|  |  | TLBC04 | Amt Ccy use 4 | Static value = “” |
|  |  | TLBC05 | Amt Ccy use 5 | Static value = “” |
|  |  | TLBC06 | Amt Ccy use 6 | Static value = “” |
|  |  | TLBC07 | Amt Ccy use 7 | Static value = “” |
|  |  | TLBC08 | Amt Ccy use 8 | Static value = “” |
|  |  | TLBC09 | Amt Ccy use 9 | Static value = “” |
|  |  | TLBC10 | Amt Ccy use 10 | Static value = “” |
|  |  | TLBC11 | Amt Ccy use 11 | Static value = “” |
|  |  | TLBC12 | Amt Ccy use 12 | Static value = “” |
|  |  | TLBC13 | Amt Ccy use 13 | Static value = “” |
|  |  | TLBC14 | Amt Ccy use 14 | Static value = “” |
|  |  | TLBC15 | Amt Ccy use 15 | Static value = “” |
|  |  | TLBC16 | Amt Ccy use 16 | Static value = “” |
|  |  | TLBC17 | Amt Ccy use 17 | Static value = “” |
|  |  | TLBC18 | Amt Ccy use 18 | Static value = “” |
|  |  | TLBC19 | Amt Ccy use 19 | Static value = “” |
|  |  | TLBC20 | Amt Ccy use 20 | Static value = “” |
|  |  | TLBC21 | Amt Ccy use 21 | Static value = “” |
|  |  | TLBC22 | Amt Ccy use 22 | Static value = “” |
|  |  | TLBC23 | Amt Ccy use 23 | Static value = “” |
|  |  | TLBC24 | Amt Ccy use 24 | Static value = “” |
|  |  | TLBC25 | Amt Ccy use 25 | Static value = “” |
|  |  | TLBC26 | Amt Ccy use 26 | Static value = “” |
|  |  | TLBC27 | Amt Ccy use 27 | Static value = “” |
|  |  | TLBC28 | Amt Ccy use 28 | Static value = “” |
|  |  | TLBC29 | Amt Ccy use 29 | Static value = “” |
|  |  | TLBC30 | Amt Ccy use 30 | Static value = “” |
|  |  | TLBC31 | Amt Ccy use 31 | Static value = “” |
|  |  | TLBC32 | Amt Ccy use 32 | Static value = “” |
|  |  | TLBC33 | Amt Ccy use 33 | Static value = “” |
|  |  | TLBC34 | Amt Ccy use 34 | Static value = “” |
|  |  | TLBC35 | Amt Ccy use 35 | Static value = “” |
|  |  | TLBC36 | Amt Ccy use 36 | Static value = “” |
|  |  | TLBC37 | Amt Ccy use 37 | Static value = “” |
|  |  | TLBC38 | Amt Ccy use 38 | Static value = “” |
|  |  | TLBC39 | Amt Ccy use 39 | Static value = “” |
|  |  | TLBC40 | Amt Ccy use 40 | Static value = “” |
|  |  | TLBL01 | GL Line CCY use 1 | Static value = “” |
|  |  | TLBL02 | GL Line CCY use 2 | Static value = “” |
|  |  | TLBL03 | GL Line CCY use 3 | Static value = “” |
|  |  | TLBL04 | GL Line CCY use 4 | Static value = “” |
|  |  | TLBL05 | GL Line CCY use 5 | Static value = “” |
|  |  | TLBL06 | GL Line CCY use 6 | Static value = “” |
|  |  | TLBL07 | GL Line CCY use 7 | Static value = “” |
|  |  | TLBL08 | GL Line CCY use 8 | Static value = “” |
|  |  | TLBL09 | GL Line CCY use 9 | Static value = “” |
|  |  | TLBL10 | GL Line CCY use 10 | Static value = “” |
|  |  | TLBL11 | GL Line CCY use 11 | Static value = “” |
|  |  | TLBL12 | GL Line CCY use 12 | Static value = “” |
|  |  | TLBL13 | GL Line CCY use 13 | Static value = “” |
|  |  | TLBL14 | GL Line CCY use 14 | Static value = “” |
|  |  | TLBL15 | GL Line CCY use 15 | Static value = “” |
|  |  | TLBL16 | GL Line CCY use 16 | Static value = “” |
|  |  | TLBL17 | GL Line CCY use 17 | Static value = “” |
|  |  | TLBL18 | GL Line CCY use 18 | Static value = “” |
|  |  | TLBL19 | GL Line CCY use 19 | Static value = “” |
|  |  | TLBL20 | GL Line CCY use 20 | Static value = “” |
|  |  | TLBL21 | GL Line CCY use 21 | Static value = “” |
|  |  | TLBL22 | GL Line CCY use 22 | Static value = “” |
|  |  | TLBL23 | GL Line CCY use 23 | Static value = “” |
|  |  | TLBL24 | GL Line CCY use 24 | Static value = “” |
|  |  | TLBL25 | GL Line CCY use 25 | Static value = “” |
|  |  | TLBL26 | GL Line CCY use 26 | Static value = “” |
|  |  | TLBL27 | GL Line CCY use 27 | Static value = “” |
|  |  | TLBL28 | GL Line CCY use 28 | Static value = “” |
|  |  | TLBL29 | GL Line CCY use 29 | Static value = “” |
|  |  | TLBL30 | GL Line CCY use 30 | Static value = “” |
|  |  | TLXUFD | User field | Static value = “” |
|  |  | TLXSNM | Short name | Static value = “” |
|  |  | TLXFNM | Formatted short name | Static value = “” |
|  |  | TLXANM | Account name | Static value = “” |
|  |  | TLXWHC | Withholding code | Static value = 0 |
|  |  | TLBACF | Super Grp Cif Nbr | Static value = 0 |
|  |  | TLBCDT | CD term | Static value = 0 |
|  |  | TLBCDC | CD term code | Static value = 0 |
|  |  | TLBINT | Int term | Static value = 0 |
|  |  | TLBINC | Int term code | Static value = 0 |
|  |  | TXOV01 | Trans code ovr 01 | Static value = 0 |
|  |  | TXOV02 | Trans code ovr 02 | Static value = 0 |
|  |  | TXOV03 | Trans code ovr 03 | Static value = 0 |
|  |  | TXOV04 | Trans code ovr 04 | Static value = 0 |
|  |  | TXOV05 | Trans code ovr 05 | Static value = 0 |
|  |  | TXOV06 | Trans code ovr 06 | Static value = 0 |
|  |  | TXOV07 | Trans code ovr 07 | Static value = 0 |
|  |  | TXOV08 | Trans code ovr 08 | Static value = 0 |
|  |  | TXOV09 | Trans code ovr 09 | Static value = 0 |
|  |  | TXOV10 | Trans code ovr 10 | Static value = 0 |
|  |  | TXOV11 | Trans code ovr 11 | Static value = 0 |
|  |  | TXOV12 | Trans code ovr 12 | Static value = 0 |
|  |  | TXOV13 | Trans code ovr 13 | Static value = 0 |
|  |  | TXOV14 | Trans code ovr 14 | Static value = 0 |
|  |  | TXOV15 | Trans code ovr 15 | Static value = 0 |
|  |  | TXOV16 | Trans code ovr 16 | Static value = 0 |
|  |  | TXOV17 | Trans code ovr 17 | Static value = 0 |
|  |  | TXOV18 | Trans code ovr 18 | Static value = 0 |
|  |  | TXOV19 | Trans code ovr 19 | Static value = 0 |
|  |  | TXOV20 | Trans code ovr 20 | Static value = 0 |
|  |  | TXOV21 | Trans code ovr 21 | Static value = 0 |
|  |  | TXOV22 | Trans code ovr 22 | Static value = 0 |
|  |  | TXOV23 | Trans code ovr 23 | Static value = 0 |
|  |  | TXOV24 | Trans code ovr 24 | Static value = 0 |
|  |  | TXOV25 | Trans code ovr 25 | Static value = 0 |
|  |  | TXOV26 | Trans code ovr 26 | Static value = 0 |
|  |  | TXOV27 | Trans code ovr 27 | Static value = 0 |
|  |  | TXOV28 | Trans code ovr 28 | Static value = 0 |
|  |  | TXOV29 | Trans code ovr 29 | Static value = 0 |
|  |  | TXOV30 | Trans code ovr 30 | Static value = 0 |
|  |  | TLCPCD | Compress Mat CD | Static value = “” |
|  |  | TLOVRB | Passbook tx | Static value = “” |
|  |  | TLOVRR | Ovr rate type | Static value = “” |
|  |  | TLOVCD | Variance code | Static value = “” |
|  |  | TLBRS1 | Match on check | Static value = “” |
|  |  | TLBRS2 | Reposting | Static value = “” |
|  |  | TLBRS3 | Generate SPTF | Static value = “” |
|  |  | TLBRS4 | Exit program check | Static value = “” |
|  |  | TLBRS5 | Redemption flag | Static value = “” |
|  |  | TLBFIL | Pin-pad filler field | Static value = “” |
|  |  | TLBRSA | Addition info field A | Static value = “” |
|  |  | TLBRS6 | PDC flag | Static value = “” |
|  |  | TLBRS7 | Cheque per day,safe box inquiry,all currency total | Static value = “” |
|  |  | TLBRS8 | CA Partial write off,2nd acct control | Static value = “” |
|  |  | TLBRS9 | CA Partial write off | Static value = “” |
|  |  | TLBR10 | Staff account control | Static value = “” |
|  |  | TLBR11 | Delayed update/posting,bypass dup journal seq chec | Static value = “” |
|  |  | TLBR12 | 1st deposit trans,FD acc open effective date | Static value = “” |
|  |  | TLBR13 | Indicate one-stop | Static value = “” |
|  |  | TLBR14 | TMPOOTH for IBT control | Static value = “” |
|  |  | TLBR15 | Credit card offline trans report extract | Static value = “” |
|  |  | TLBRSC | Addition info field C | Static value = “” |
|  |  | TLBSPF | Add filler field | Static value = “” |
|  |  | TLBORF | Our REF | Static value = “” |
|  |  | TLBYRF | YR REF | Static value = “” |
|  |  | TLBTXREF | System Trx ref # | Static value = “” |
|  |  | TLBGLREF | GL Recon number | Static value = “” |
|  |  | TLBSRCSYS | Input src system | Static value = “IBK” |
|  |  | TLBKEY | KEY VALUES | Static value = “” |
|  |  | TLBCLRG | CLEARING REGION | Static value = “” |
|  |  | TLBOP1 | BOP Code 1 | Static value = 0 |
|  |  | TLBOP2 | BOP Code 2 | Static value = 0 |
|  |  | TLBOP3 | BOP Code 3 | Static value = 0 |
|  |  | TLRVCD1 | Reserve Cd 1 | Static value = “” |
|  |  | TLRVCD2 | Reserve Cd 2 | Static value = “” |
|  |  | TLRVCD3 | Reserve Cd 3 | Static value = “” |
|  |  | TLBPYCD | Bill Pymt Payee Code | Static value = 0 |
|  |  | TLBCLSR | Closing Reason code | Static value = “” |
|  |  | TLBGLFNO | GL Referencing No | Static value = “” |
|  |  | TLBRVREF | Rev Ref No - Loans | Static value = “” |
|  |  | TLBCLBKNO | Clearing Bank Code | Static value = “” |
|  |  | TLBISHSE | Share Issue Hse | Static value = “” |
|  |  | TLBLCSUP | Front end Sup id | Static value = “” |
|  |  | TLBPRBNK | Chq Present bnk Code | Static value = “” |
|  |  | FILL03 | FILLER | Static value = “” |
|  |  | TLBR16 | Loan Settlement Source | Static value = “” |
|  |  | TLBR17 | ChqType-Mat.Disp | Static value = “” |
|  |  | TLBR18 | ChqType-Int.Disp | Static value = “” |
|  |  | TLBR19 | Reserve 19 | Static value = “” |
|  |  | TLBR20 | Reserve 20 | Static value = “” |
|  |  | TLBR21 | Reserve 21 | Static value = “” |
|  |  | TLBR22 | Reserve 22 | Static value = “” |
|  |  | TLBR23 | Reserve 23 | Static value = “” |
|  |  | TLBR24 | Reserve 24 | Static value = “” |
|  |  | TLBR25 | Reserve 25 | Static value = “” |
|  |  | TLBR26 | Reserve 26 | Static value = “” |
|  |  | TLBR27 | Reserve 27 | Static value = “” |
|  |  | TLBR28 | Reserve 28 | Static value = “” |
|  |  | TLBR29 | Reserve 29 | Static value = “” |
|  |  | TLBR30 | Reserve 30 | Static value = “” |
|  |  | TLBR31 | Reserve 31 | Static value = “” |
|  |  | TLBR32 | Reserve 32 | Static value = “” |
|  |  | TLBR33 | Reserve 33 | Static value = “” |
|  |  | TLBR34 | Reserve 34 | Static value = “” |
|  |  | TLBR35 | Reserve 35 | Static value = “” |
|  |  | TLBREM1 | REMARKS | Static value = “” |
|  |  | TLBINTF | INTERFACE ADD INFO | Static value = “” |
|  |  | TLBAUSEQ | Autosweep SeqNo | Static value = 0 |
|  |  | TLBCVT01 | Converted amt01 | Static value = 0 |
|  |  | TLBCVT02 | Converted amt02 | Static value = 0 |
|  |  | TLBCVT03 | Converted amt03 | Static value = 0 |
|  |  | TLBCVT04 | Converted amt04 | Static value = 0 |
|  |  | TLBCVT05 | Converted amt05 | Static value = 0 |
|  |  | TLBCVT06 | Converted amt06 | Static value = 0 |
|  |  | TLBCVT07 | Converted amt07 | Static value = 0 |
|  |  | TLBCVT08 | Converted amt08 | Static value = 0 |
|  |  | TLBCVT09 | Converted amt09 | Static value = 0 |
|  |  | TLBCVT10 | Converted amt10 | Static value = 0 |
|  |  | TLBCVT11 | Converted amt11 | Static value = 0 |
|  |  | TLBCVT12 | Converted amt12 | Static value = 0 |
|  |  | TLBCVT13 | Converted amt13 | Static value = 0 |
|  |  | TLBCVT14 | Converted amt14 | Static value = 0 |
|  |  | TLBCVT15 | Converted amt15 | Static value = 0 |
|  |  | TLBCVT16 | Converted amt16 | Static value = 0 |
|  |  | TLBCVT17 | Converted amt17 | Static value = 0 |
|  |  | TLBCVT18 | Converted amt18 | Static value = 0 |
|  |  | TLBCVT19 | Converted amt19 | Static value = 0 |
|  |  | TLBCVT20 | Converted amt20 | Static value = 0 |
|  |  | TLBCCR01 | Converted cur01 | Static value = “” |
|  |  | TLBCCR02 | Converted cur02 | Static value = “” |
|  |  | TLBCCR03 | Converted cur03 | Static value = “” |
|  |  | TLBCCR04 | Converted cur04 | Static value = “” |
|  |  | TLBCCR05 | Converted cur05 | Static value = “” |
|  |  | TLBCCR06 | Converted cur06 | Static value = “” |
|  |  | TLBCCR07 | Converted cur07 | Static value = “” |
|  |  | TLBCCR08 | Converted cur08 | Static value = “” |
|  |  | TLBCCR09 | Converted cur09 | Static value = “” |
|  |  | TLBCCR10 | Converted cur10 | Static value = “” |
|  |  | TLBCCR11 | Converted cur11 | Static value = “” |
|  |  | TLBCCR12 | Converted cur12 | Static value = “” |
|  |  | TLBCCR13 | Converted cur13 | Static value = “” |
|  |  | TLBCCR14 | Converted cur14 | Static value = “” |
|  |  | TLBCCR15 | Converted cur15 | Static value = “” |
|  |  | TLBCCR16 | Converted cur16 | Static value = “” |
|  |  | TLBCCR17 | Converted cur17 | Static value = “” |
|  |  | TLBCCR18 | Converted cur18 | Static value = “” |
|  |  | TLBCCR19 | Converted cur19 | Static value = “” |
|  |  | TLBCCR20 | Converted cur20 | Static value = “” |
|  |  | TLBDEAL | FD Dealer Code | Static value = “” |
|  |  | TLBBNSEC | BNM Customer Sector | Static value = “” |
|  |  | TLBBNBU | BNM Bumi/NRCC Code | Static value = “” |
|  |  | TLBBNSTE | Acct Operation Code | Static value = “” |
|  |  | TLBCFNAM | Grp Account name | Static value = “” |
|  |  | FILL04 | FILLER | Static value = “” |
|  |  | TLBRTETY | FX Rate type | Static value = “” |
|  |  | TLBCNTN | FX Contract No | Static value = “” |
|  |  | TLBAM1 | Alt Amt 1 | Static value = 0 |
|  |  | TLBAM2 | Alt Amt 2 | Static value = 0 |
|  |  | TLBAM3 | Alt Amt 3 | Static value = 0 |
|  |  | TLBAM4 | Alt Amt 4 | Static value = 0 |
|  |  | TLBAM5 | Alt Amt 5 | Static value = 0 |
|  |  | TLBAM6 | Alt Amt 6 | Static value = 0 |
|  |  | TLBAM7 | Alt Amt 7 | Static value = 0 |
|  |  | TLBAM8 | Alt Amt 8 | Static value = 0 |
|  |  | TLBAM9 | Alt Amt 9 | Static value = 0 |
|  |  | TLBAM10 | Alt Amt 10 | Static value = 0 |
|  |  | TLBAM11 | Alt Amt 11 | Static value = 0 |
|  |  | TLBAM12 | Alt Amt 12 | Static value = 0 |
|  |  | TLBAM13 | Alt Amt 13 | Static value = 0 |
|  |  | TLBAM14 | Alt Amt 14 | Static value = 0 |
|  |  | TLBAM15 | Alt Amt 15 | Static value = 0 |
|  |  | TLBAM16 | Alt Amt 16 | Static value = 0 |
|  |  | TLBAM17 | Alt Amt 17 | Static value = 0 |
|  |  | TLBAM18 | Alt Amt 18 | Static value = 0 |
|  |  | TLBAM19 | Alt Amt 19 | Static value = 0 |
|  |  | TLBAM20 | Alt Amt 20 | Static value = 0 |
|  |  | TLFXT1 | FX Rate type 1 | Static value = “” |
|  |  | TLFXT2 | FX Rate type 2 | Static value = “” |
|  |  | TLFXT3 | FX Rate type 3 | Static value = “” |
|  |  | TLFXT4 | FX Rate type 4 | Static value = “” |
|  |  | TLFXT5 | FX Rate type 5 | Static value = “” |
|  |  | TLFXT6 | FX Rate type 6 | Static value = “” |
|  |  | TLFXT7 | FX Rate type 7 | Static value = “” |
|  |  | TLFXT8 | FX Rate type 8 | Static value = “” |
|  |  | TLFXT9 | FX Rate type 9 | Static value = “” |
|  |  | T1FXT0 | FX Rate type 10 | Static value = “” |
|  |  | T1FXT1 | FX Rate type 11 | Static value = “” |
|  |  | T1FXT2 | FX Rate type 12 | Static value = “” |
|  |  | T1FXT3 | FX Rate type 13 | Static value = “” |
|  |  | T1FXT4 | FX Rate type 14 | Static value = “” |
|  |  | T1FXT5 | FX Rate type 15 | Static value = “” |
|  |  | T1FXT6 | FX Rate type 16 | Static value = “” |
|  |  | T1FXT7 | FX Rate type 17 | Static value = “” |
|  |  | T1FXT8 | FX Rate type 18 | Static value = “” |
|  |  | T1FXT9 | FX Rate type 19 | Static value = “” |
|  |  | T2FXT0 | FX Rate type 20 | Static value = “” |
|  |  | T2FXT1 | FX Rate type 21 | Static value = “” |
|  |  | T2FXT2 | FX Rate type 22 | Static value = “” |
|  |  | T2FXT3 | FX Rate type 23 | Static value = “” |
|  |  | T2FXT4 | FX Rate type 24 | Static value = “” |
|  |  | T2FXT5 | FX Rate type 25 | Static value = “” |
|  |  | T2FXT6 | FX Rate type 26 | Static value = “” |
|  |  | T2FXT7 | FX Rate type 27 | Static value = “” |
|  |  | T2FXT8 | FX Rate type 28 | Static value = “” |
|  |  | T2FXT9 | FX Rate type 29 | Static value = “” |
|  |  | T3FXT0 | FX Rate type 30 | Static value = “” |
|  |  | TLFXRTE1 | Default curr rate | Static value = 0 |
|  |  | TLFXRTE2 | Alt 1 curr rate | Static value = 0 |
|  |  | TLFXRTE3 | Alt 2 curr rate | Static value = 0 |
|  |  | TLFXRTE4 | Alt 3 curr rate | Static value = 0 |
|  |  | TLFXRTE5 | Alt 4 curr rate | Static value = 0 |
|  |  | TLFXRTE6 | Alt 5 curr rate | Static value = 0 |
|  |  | FILXUSE | Do not use beyond this fld | Static value = “” |

## Bill Payment

Below is the Bill Payment specific host message. Only the used fields will be used on the test data.

| **FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  | Payee Code | Payee Code |  | This value is fix per Payee |
|  |  | Payee Product Code |  |  |
|  | Payee Account Number | Payee Account Number (Penerima Account) | Telecom Account Number | This is the payee account number, also the crediting account number |
|  |  | Bill Type / Zakat Type |  | Static value=”” |
|  | Bill Account Number | Bill Account Number |  | This is the actual bill account number |
|  |  | Bill Reference Number |  |  |
|  | Transaction Date | Bill Date |  | The transfer date |
|  | Amount | Transaction Amount |  | Payment amount |
|  |  | Premium Amount |  | Not used |
|  | Charge | Charges / Commission Amount |  | This amount is differ per payee |
|  |  | CIF Number |  | Not used |
|  | From Account Number | Debit Account Number |  | The debiting account number |
|  |  | Transfer Account Type |  | Static value=”” |
|  |  | Customer IC/ID Number |  | For Payee code 603, 604 & 705 |
|  |  | Customer Name |  | For Payee code 705 |
|  |  | Date of Birth |  | Not used |
|  |  | Customer Address 1 |  | Not used |
|  |  | Customer Address 2 |  | Not used |
|  |  | Customer Address 3 |  | Not used |
|  |  | Voucher Number /  Coupon Number |  | Not used |
|  |  | Mobile Number /  Telephone Number |  | For Payee code 200 |
|  |  | Cover Note Number |  | Not used |
|  |  | Certificate Number /  Receipt Number |  | Not used |
|  |  | Transaction Mode |  | Not used |
|  |  | Cheque Number |  | Not used |
|  |  | Cheque Amount |  | Not used |
|  |  | Routing Number |  | Not used |
|  |  | GL Reference Number |  | Not used |
|  |  | Loan Account Number |  | Not used |
|  |  | Beneficiary Name |  | Not used |
|  |  | Depositor Name |  | Not used |
|  |  | No Siri Borang |  | Not used |
|  |  | SSPN Account Number |  | Not used |
|  |  | No Penyata Pemungut |  | Not used |
|  |  | Return Reason Code |  | Not used |
|  |  | PPT Name |  | Not used |
|  |  | PPT Area |  | Not used |
|  |  | 101 Amount |  | For Payee 601 |
|  |  | 102 Amount |  | For Payee 601 |
|  |  | 103 Amount |  | For Payee 601 |
|  |  | 104 Amount |  | For Payee 601 |
|  |  | 701 Amount |  | For Payee 601 |
|  |  | Effective Date |  | Not used |
|  |  | Expired Date |  | Not used |
|  |  | Number of Children |  | Not used |
|  |  | ID Type |  | Not used |
|  |  | System Generated Txns Ref # |  | Not used |
|  |  | Customer Address 4 |  | Not used |
|  |  | State Code |  | Not used |
|  |  | Country Code |  | Not used |
|  |  | Passport Country Code |  | Not used |
|  |  | GST Amount Location 1 |  | Not used |
|  |  | GST Amt Local Eq 1 |  | Not used |
|  |  | GST Exchange Rate 1 |  | Not used |
|  |  | GST Amount Currency 1 |  | Not used |
|  |  | GST Amt Local Eq Currency 1 |  | Not used |
|  |  | GST Tax Code 1 |  | Not used |
|  |  | Fee Type 1 |  | Not used |
|  |  | Inclusive/Exclusive Flag 1 |  | Not used |
|  |  | GST Amount Location 2 |  | Not used |
|  |  | GST Amt Local Eq 2 |  | Not used |
|  |  | GST Exchange Rate 2 |  | Not used |
|  |  | GST Amount Currency 2 |  | Not used |
|  |  | GST Amt Local Eq Currency 2 |  | Not used |
|  |  | GST Tax Code 2 |  | Not used |
|  |  | Fee Type 2 |  | Not used |
|  |  | Inclusive/Exclusive Flag 2 |  | Not used |
|  |  | GST Amount Location 3 |  | Not used |
|  |  | GST Amt Local Eq 3 |  | Not used |
|  |  | GST Exchange Rate 3 |  | Not used |
|  |  | GST Amount Currency 3 |  | Not used |
|  |  | GST Amt Local Eq Currency 3 |  | Not used |
|  |  | GST Tax Code 3 |  | Not used |
|  |  | Fee Type 3 |  | Not used |
|  |  | Inclusive/Exclusive Flag 3 |  | Not used |
|  |  | GST Amount Location 4 |  | GST Charges |
|  |  | GST Amt Local Eq 4 |  | GST Charges in different currency |
|  |  | GST Exchange Rate 4 |  | Exchange rate for currency conversion |
|  |  | GST Amount Currency 4 |  | Base currency |
|  |  | GST Amt Local Eq Currency 4 |  | Second currency |
|  |  | GST Tax Code 4 |  | Fix value given by host to cater GST new system |
|  |  | Fee Type 4 |  | Fee type for each transaction code |
|  |  | Inclusive/Exclusive Flag 4 |  | For GST calculation. |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.11 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to TNB | | |
|  | | | |
| Test Function: | SA to TNB | | |
| Transactional Code: | 0460 | **Payee Code:** | 300 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 5796.36 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0460 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 745768011 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** | Transaction Code | TLBTCD | Transaction Code | 0460 |
| **6** | Transaction Date | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1002021000022540 |
| **22** |  | TLBF02 | Single Fl 2 |  |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 2000071000126631 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=300 |
| **2** | Payee Product Code | Payee Product Code |  | TNB01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1002021000022540 |
| **4** |  | Bill Type / Zakat Type |  | TNB01 |
| **5** | Bill Account Number | Bill Account Number |  | 03220045505608 |
| **6** | Bill Reference Number | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.12 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to TNB | | |
|  | | | |
| Test Function: | CA to TNB | | |
| Transactional Code: | 0461 | **Payee Code:** | 300 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 334111.77 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0461 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 745768053 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0461 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1002021000022540 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 1002021000024380 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=300 |
| **2** |  | Payee Product Code |  | TNB01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1002021000022540 |
| **4** |  | Bill Type / Zakat Type |  | TNB01 |
| **5** | Bill Account Number | Bill Account Number |  | 03220045505608 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  |  |
| **12** | From Account Number | Debit Account Number |  | 1002021000024380 |
| **13** |  | Transfer Account Type |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.13 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to SESB | | |
|  | | | |
| Test Function: | SA to SESB | | |
| Transactional Code: | 0660 | **Payee Code:** | 400 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 5795.36 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 41 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0660 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 690660346 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0660 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001911000034494 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 2000071000126631 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=400 |
| **2** | Payee Product Code | Payee Product Code |  | SB01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001911000034494 |
| **4** |  | Bill Type / Zakat Type |  | SB01 |
| **5** | Bill Account Number | Bill Account Number |  | 380102785038 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |
| **21** | Phone Number | Mobile Number / Telephone Number |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.14 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to SESB | | |
|  | | | |
| Test Function: | CA to SESB | | |
| Transactional Code: | 0661 | **Payee Code:** | 400 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 334110.77 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0661 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 690769415 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0661 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001911000034494 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 1002021000024380 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=400 |
| **2** | Payee Product Code | Payee Product Code |  | SB01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001911000034494 |
| **4** |  | Bill Type / Zakat Type |  | SB01 |
| **5** | Bill Account Number | Bill Account Number |  | 380102785038 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 1002021000024380 |
| **13** |  | Transfer Account Type |  |  |
| **21** | Phone Number | Mobile Number / Telephone Number |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.15 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to MPAJ | | |
|  | | | |
| Test Function: | SA to MPAJ | | |
| Transactional Code: | 0220 | **Payee Code:** | 602 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 5794.36 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0220 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 690874504 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 9128 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001241000009316 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 2000071000126631 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=602 |
| **2** | Payee Product Code | Payee Product Code |  | MP01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001241000009316 |
| **4** |  | Bill Type / Zakat Type |  | Static value=”MP01” |
| **5** | Bill Account Number | Bill Account Number |  | 103030562004 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.16 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to MPAJ | | |
|  | | | |
| Test Function: | CA to MPAJ | | |
| Transactional Code: | 0221 | **Payee Code:** | 602 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 334108.77 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0221 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 690925557 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0221 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001241000009316 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 1002021000024380 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=602 |
| **2** | Payee Product Code | Payee Product Code |  | MP01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001241000009316 |
| **4** |  | Bill Type / Zakat Type |  | Static value=”MP01” |
| **5** | Bill Account Number | Bill Account Number |  | 103030562004 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 1002021000024380 |
| **13** |  | Transfer Account Type |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.17 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to SESCO | | |
|  | | | |
| Test Function: | SA to SESCO | | |
| Transactional Code: | 0550 | **Payee Code:** | 401 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 5793.36 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0550 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 691044076 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0550 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** |  | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001741000011599 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 2000071000126631 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=401 |
| **2** | Payee Product Code | Payee Product Code |  | SC01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001741000011599 |
| **4** |  | Bill Type / Zakat Type |  | Static value=”SC01” |
| **5** | Bill Account Number | Bill Account Number |  | 201104141103 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.18 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to SESCO | | |
|  | | | |
| Test Function: | CA to SESCO | | |
| Transactional Code: | 0551 | **Payee Code:** | 401 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 334107.77 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0551 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 691114347 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** | Transaction Code | TLBTCD | Transaction Code | 0551 |
| **6** | Transaction Date | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** | Channel ID | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001741000011599 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **29** | Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 50 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 1002021000024380 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=401 |
| **2** |  | Payee Product Code |  | SC01 |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001741000011599 |
| **4** |  | Bill Type / Zakat Type |  | Static value=”SC01” |
| **5** | Bill Account Number | Bill Account Number |  | 201104141103 |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 1002021000024380 |
| **13** |  | Transfer Account Type |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.19 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to PTPTN | | |
|  | | | |
| Test Function: | SA to PTPTN | | |
| Transactional Code: | 0104 | **Payee Code:** | 706 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 5792.36 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0104 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 691246092 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0104 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** | Channel ID | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1002021000019446 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **24** |  | TLBF04 | Single Fl 4 / Transfer Amount | 0 |
| **29** | Customer Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 100 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 2000071000126631 |
| **32** |  | TLBF12 | Single Fl 12 / Service Charge Amount | 0 |
| **54** |  | TLBF34 | Single Fl 34 / Total Amount with GST | 306 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=706 |
| **2** |  | Payee Product Code |  |  |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1002021000019446 |
| **4** |  | Bill Type / Zakat Type |  |  |
| **5** |  | Bill Account Number |  |  |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |
| **14** |  | Customer IC/ID Number |  | 720914125463 |
| **30** |  | Beneficiary Name |  | ABDUL LATIFF BIN HJ |
| **32** |  | No Siri Borang |  | 60060913 |
| **33** |  | SSPN Account Number |  | 000000000000000 |
| **76** |  | GST Amount Location 4 | GST Charges | 6 |
| **77** |  | GST Amt Local Eq 4 | GST Charges in different currency | 6 |
| **78** |  | GST Exchange Rate 4 | Exchange rate for currency conversion | 1000000000 |
| **79** |  | GST Amount Currency 4 | Base currency | MYR Currency Code = 1 |
| **80** |  | GST Amt Local Eq Currency 4 | Second currency | MYR Currency Code = 1 |
| **81** |  | GST Tax Code 4 | Fix value given by host to cater GST new system | SR |
| **82** |  | Fee Type 4 | Fee type for each transaction code | RIBLNCOLL |
| **83** |  | Inclusive/Exclusive Flag 4 | For GST calculation. | N |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.20 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to PTPTN | | |
|  | | | |
| Test Function: | CA to PTPTN | | |
| Transactional Code: | 0105 | **Payee Code:** | 706 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 334106.77 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0105 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** |  | TLBID | Teller ID | EBANKING |
| **2** |  | TLBSEQ | Journal Seq | 691301740 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** |  | TLBTCD | Transaction Code | 0105 |
| **6** |  | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** | Channel ID | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1002021000019446 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** | Amount | TLBF03 | Single Fl 3 / Transfer Amount | 200 |
| **24** |  | TLBF04 | Single Fl 4 / Transfer Amount | 0 |
| **29** | Customer Charge | TLBF09 | Single Fl 9 / Service Charge Amount | 100 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 1002021000024380 |
| **32** |  | TLBF12 | Single Fl 12 / Service Charge Amount | 0 |
| **54** |  | TLBF34 | Single Fl 34 / Total Amount with GST | 306 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=706 |
| **2** |  | Payee Product Code |  |  |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1002021000019446 |
| **4** |  | Bill Type / Zakat Type |  |  |
| **5** |  | Bill Account Number |  |  |
| **6** |  | Bill Reference Number |  |  |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 1002021000024380 |
| **13** |  | Transfer Account Type |  |  |
| **14** |  | Customer IC/ID Number |  | 720914125463 |
| **30** |  | Beneficiary Name |  | ABDUL LATIFF BIN HJ |
| **32** |  | No Siri Borang |  | 60060913 |
| **33** |  | SSPN Account Number |  | 000000000000000 |
| **76** |  | GST Amount Location 4 | GST Charges | 6 |
| **77** |  | GST Amt Local Eq 4 | GST Charges in different currency | 6 |
| **78** |  | GST Exchange Rate 4 | Exchange rate for currency conversion | 1000000000 |
| **79** |  | GST Amount Currency 4 | Base currency | MYR Currency Code = 1 |
| **80** |  | GST Amt Local Eq Currency 4 | Second currency | MYR Currency Code = 1 |
| **81** |  | GST Tax Code 4 | Fix value given by host to cater GST new system | SR |
| **82** |  | Fee Type 4 | Fee type for each transaction code | RIBLNCOLL |
| **83** |  | Inclusive/Exclusive Flag 4 | For GST calculation. | N |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.21 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to SATU | | |
|  | | | |
| Test Function: | SA to SATU | | |
| Transactional Code: | 0860 | **Payee Code:** | 501 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 5791.36 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0860 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Branch Code | TLBID | Teller ID | EBANKING |
| **2** | Tranx ID | TLBSEQ | Journal Seq | 691357641 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** | Transaction Code | TLBTCD | Transaction Code | 0860 |
| **6** | Transaction Date | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** | Channel ID | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001411000007773 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** |  | TLBF03 | Single Fl 3 / Transfer Amount | 0 |
| **24** | Amount | TLBF04 | Single Fl 4 / Transfer Amount | 200 |
| **29** |  | TLBF09 | Single Fl 9 / Service Charge Amount | 0 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 2000071000126631 |
| **32** | Customer Charge | TLBF12 | Single Fl 12 / Service Charge Amount | 100 |
| **54** |  | TLBF34 | Single Fl 34 / Total Amount with GST | 306 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=501 |
| **2** |  | Payee Product Code |  |  |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001411000007773 |
| **4** |  | Bill Type / Zakat Type |  |  |
| **5** | Bill Account Number | Bill Account Number |  | 04007670682006 |
| **6** |  | Bill Reference Number |  | 040120075 |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |
| **76** |  | GST Amount Location 4 | GST Charges | 6 |
| **77** |  | GST Amt Local Eq 4 | GST Charges in different currency | 6 |
| **78** |  | GST Exchange Rate 4 | Exchange rate for currency conversion | 1000000000 |
| **79** |  | GST Amount Currency 4 | Base currency | MYR Currency Code = 1 |
| **80** |  | GST Amt Local Eq Currency 4 | Second currency | MYR Currency Code = 1 |
| **81** |  | GST Tax Code 4 | Fix value given by host to cater GST new system | SR |
| **82** |  | Fee Type 4 | Fee type for each transaction code | RIBLNCOLL |
| **83** |  | Inclusive/Exclusive Flag 4 | For GST calculation. | N |

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.22 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to SATU | | |
|  | | | |
| Test Function: | CA to SATU | | |
| Transactional Code: | 0861 | **Payee Code:** | 501 |
| Message Format: | EBCDIC ABCS | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **26** | Available Balance | AVLBAL99 | Available Balance | 334105.77 |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  | RSPLEN | Response length |  |
|  |  | RSPCOD | Response code |  |
|  |  | ACCTNO | Account Number |  |
|  |  | ACTYPE | Account Type |  |
|  |  | CFNA1 | Customer name 1 |  |
|  |  | CFNA2 | Address Line1 |  |
|  |  | CFNA3 | Address Line2 |  |
|  |  | CFNA4 | Address Line3 |  |
|  |  | CFNA5 | Address Line4 |  |
|  |  | CFNA6 | Address Line5 |  |
|  |  | CFNA7 | Address Line6 |  |
|  |  | CFNA8 | Address Line7 |  |
|  |  | C1NM1 | Long Name 1 |  |
|  |  | C1NM2 | Long Name 2 |  |
|  |  | INCRDR | Crdit/Debit |  |
|  |  | AVLBAL | Available Balance |  |
|  |  | CBAL | Ledger Balance |  |
|  |  | STAT | Status |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 50 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Transaction Code | TLTXCD | Transaction code | 0861 |
| **9** | Reject Indicator | HOVREQ | Highest override req | Static value = “N” |
| **10** | Total number of error | ER | Number of errors | 1 |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
| **1** |  | RSPLEN | Response length | 162 |
| **2** |  | RSPCOD | Response code | Static value = 42 |
| **3** | Host Error Code | ERN1 | Error code | 8 |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Branch Code | TLBID | Teller ID | EBANKING |
| **2** | Tranx ID | TLBSEQ | Journal Seq | 691406173 |
| **3** |  | TLBCOR | Correction |  |
| **4** |  | TLBOSQ | Orig Seq # | 0 |
| **5** | Transaction Code | TLBTCD | Transaction Code | 0860 |
| **6** | Transaction Date | TLBTDT | Transaction Date | 260115 |
| **7** |  | TLBEDT | Effective trans date | 0 |
| **8** | Channel ID | TLBCUD | Control unit | C8 |
| **21** | Biller Account Number | TLBF01 | Single Fl 1 / Biller/Credit A/C Number | 1001411000007773 |
| **22** |  | TLBF02 | Single Fl 2 | 0 |
| **23** |  | TLBF03 | Single Fl 3 / Transfer Amount | 0 |
| **24** | Amount | TLBF04 | Single Fl 4 / Transfer Amount | 200 |
| **29** |  | TLBF09 | Single Fl 9 / Service Charge Amount | 0 |
| **30** | From Account Number | TLBF10 | Single Fl 10 / Debiting A/C # | 1002021000024380 |
| **32** | Customer Charge | TLBF12 | Single Fl 12 / Service Charge Amount | 100 |
| **54** |  | TLBF34 | Single Fl 34 / Total Amount with GST | 306 |
| **61** | Currency | TLBCUR | Account Currency code | MYR |
| **303** | Biller Payment Fields | FILL04 | FILLER | See the data at following table |

| **Test Data for FILL04** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
| **1** | Payee Code | Payee Code |  | Static value=501 |
| **2** |  | Payee Product Code |  |  |
| **3** | Payee Account Number | Payee Account Number (Penerima Account) |  | 1001411000007773 |
| **4** |  | Bill Type / Zakat Type |  |  |
| **5** | Bill Account Number | Bill Account Number |  | 04007670682006 |
| **6** |  | Bill Reference Number |  | 040120075 |
| **7** | Transaction Date | Bill Date |  | 26012015 |
| **8** | Amount | Transaction Amount |  | 200 |
| **10** | Charge | Charges / Commission Amount |  | 0 |
| **12** | From Account Number | Debit Account Number |  | 2000071000126631 |
| **13** |  | Transfer Account Type |  |  |
| **76** |  | GST Amount Location 4 | GST Charges | 6 |
| **77** |  | GST Amt Local Eq 4 | GST Charges in different currency | 6 |
| **78** |  | GST Exchange Rate 4 | Exchange rate for currency conversion | 1000000000 |
| **79** |  | GST Amount Currency 4 | Base currency | MYR Currency Code = 1 |
| **80** |  | GST Amt Local Eq Currency 4 | Second currency | MYR Currency Code = 1 |
| **81** |  | GST Tax Code 4 | Fix value given by host to cater GST new system | SR |
| **82** |  | Fee Type 4 | Fee type for each transaction code | RIBLNCOLL |
| **83** |  | Inclusive/Exclusive Flag 4 | For GST calculation. | N |

## E-Pay (Bill Payment)

Below is the E-Pay (Bill Payment) specific host message to MIDDLEWARE. Only the used fields will be used on the test data.

|  | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Remark** |
|  |  | applId | Appl ID | Default to “IBK” |
|  |  | applName | Appl Name | Default to “IBK” |
|  |  | applTransId | Appl Transaction ID | Unique Reference ID |
|  |  | applUserId | Front End User ID |  |
|  |  | bankCode |  |  |
|  |  | billDate |  |  |
|  |  | branchNumber | TLBF25 |  |
|  |  | cifNumber |  |  |
|  |  | controlUnit | TLBCUD | C7 - If Debit account number is CONV (the account number position 4 to 7, the value less than 5000 is CONV account  C8 - If Debit account number is Islamic (the account number position 4 to 7, the value more than 5000 is Islamic account |
|  |  | correction | Correction. TLBCOR | Default to “N” |
|  |  | crBillerCollectionAcc | Cr Biller Collection Account  TLBF01  FILL04.PayeeAcc |  |
|  |  | crGLAccNumber | Cr GL Account Number  TLBF14 |  |
|  |  | crGLAmount | Cr GL Amount  TLBF09  FILL04.Charges |  |
|  |  | currency | Currency Code  TLBCUR | Default to “MYR” |
|  |  | customField1 | Custom Field 1 |  |
|  |  | customField2 | Custom Field 2 |  |
|  |  | customField3 | Custom Field 3 |  |
|  |  | customField4 | Custom Field 4 |  |
|  |  | customField5 | Custom Field 5 |  |
|  |  | debitAccNumber | Debit Account Number  TLBF10  FILL04.PayerAcc |  |
|  |  | debitAmount | Debit Amount  TLBF03  FILL04.Amount |  |
|  |  | epayProductCode | Epay Product Code | Required only if EPay Request Type is ETU |
|  |  | epayRequestType | EPay Request Type | ETU – E-Topup (Pinless)  PIN – Online Pin Request |
|  |  | journalSeq | Journal Sequence Number | Unique Reference Number. |
|  |  | merchantId | Merchant ID |  |
|  |  | msisdn | MSISDN. FILL04.BillNumber |  |
|  |  | operatorId | Channel /Operator ID |  |
|  |  | payeeCode | Payee Code |  |
|  |  | productCode | Product Code |  |
|  |  | retTransRef | Client Transaction Reference | Client transaction reference for identifying each PIN/E-Topup transaction. |
|  |  | terminalId | Terminal ID |  |
|  |  | transTraceId | Unique ID | Unique ID to identify each transaction  request |
|  |  | transactionCode | Transaction Code |  |
|  |  | transactionDate | Transaction Date | Format: DDMMYY |
|  |  | transactionTime | Transaction Time | Format: HHMMSS |
|  |  | transactionUserId | Host Login ID |  |
|  |  | transactionUserInfo |  | Default to BLANK (“”) |
|  |  | versionNumber | Version Number | Default to “1” |

Need to get a list of current available payees / products to test

|  |  |  |  |
| --- | --- | --- | --- |
| Test No: 3.27 |  | | |
| Test Title: | Bill Payment | | |
|  | | | |
| Test Purpose: | To ensure that Bill Payment function able to transfer money from SA account to | | |
|  | | | |
| Test Function: |  | | |
| Transactional Code: |  | **Payee Code:** |  |
| Message Format: | WSDL | | |
|  | | | |
| Procedure: | 1. Send Bill Payment message to HOST 2. Check the response message | | |
|  | | | |
| Test Result: | Pass:  Fail:  N/A: | | |

**Response Message:**

**If RSPCOD is F1**

| **Response = F1** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  |  |  |  |

**If RSPCOD is T4**

| **Response = T4** | | **Type:** | | **Good Response** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**If RSPCOD is 41 & 42**

| **Response = 41** | | **Type:** | | **Error Response Header** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

| **Response = 42** | | **Type:** | | **Error Response Details** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Response Data** |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

**Request Message Test Data:**

| **Test Data** | | | **Message Type:** | **Request** |
| --- | --- | --- | --- | --- |
| **NO** | **Mapping IB Field** | **Mapped Host Field** | **Host Field Description** | **Test Data** |
|  |  |  |  |  |
|  |  |  |  |  |
| **3** |  |  |  |  |
| **4** |  |  |  |  |
| **5** |  |  |  |  |
| **6** |  |  |  |  |
| **7** |  |  |  |  |
| **8** |  |  |  |  |
| **21** |  |  |  |  |
| **22** |  |  |  |  |
| **23** |  |  |  |  |
| **29** |  |  |  |  |
| **30** |  |  |  |  |
| **61** |  |  |  |  |
| **303** |  |  |  |  |

----- END ------