

**INTERBANK GIRO (IBG)  
USER ACCEPTANCE TEST (UAT) TEST PLAN FOR  
IBG ADDENDA NEW SPECIFICATION  
(For Payment Information and e-Dividend Code)**

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	Name	Designation	Department	Date	Signature
REVIEWED BY	Norazman Zulkifli	Executive	Quality Assurance	24th January 2011	
APPROVED BY	Vijayaraj Vijayasingam	Head of Department	Quality Assurance	24th January 2011	

Malaysian Electronic Payment System Sdn. Bhd.  
(Formerly known as Malaysian Electronic Payment System (1997) Sdn. Bhd.)  
7<sup>th</sup> Floor, MEPS@Horizon, Tower 5, Avenue 3,  
Bangsar South, 8 Jalan Kerinchi,  
59200 Kuala Lumpur

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Revision History

Version No.	Date of Update	Summary of Change	Updated By
1.0	24th January 2011	Initial Document – IBG Addenda New Specification	Nur Hushila Abd Halim

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## 1. Introduction

This document will detail out the recommended IBG Addenda test cases for Financial Institution (FI) to conduct User Acceptance Test (UAT) with the IBG System for IBG Addenda New Specification based from Business User Requirements cum Functional Specs (BUR/FS) version 2.0 which has been accepted by BWG and TWG on 30<sup>th</sup> September 2010.

### 1.1 Scope

This document covers test activities for verifying FI implementation of IBG System in accordance to the technical requirements as per MEPS Interbank GIRO (IBG) System Message Format Document v2.6 specifically for IBG Addenda New Specification.

### 1.2 Abbreviation

This section described abbreviation used within this document.

Term	Definition
IBG	Interbank GIRO
UAT	User Acceptance Test
FI	Financial Institution
OFI	Originating Financial Institution
RFI	Receiving Financial Institution

## 2. Test Requirements

### 2.1 General Test Requirements

- Test must be conducted by end-users in UAT environment. However, application developer is allowed to assist end-users in performing the tests.
- Test must be done end-to-end using actual terminal/system from FI host through MEPS IBG System and as a backup purposes, simulator program will be in use **only** for untested scenario\*.
- FI must ensure that network equipments are ready for the testing.
- Test shall use the same communication protocol with production system. However, test may use lower line capacity / speed.
- Test session will commence at 12.00pm for Window 1 and 2.00pm for Window 2 (Please refer to UAT Overview under Section 4, Item #6 for further detail)
- FI must provide MEPS with name, telephone, fax number of the personnel who responsible for testing, at least 7 days prior to the test date.
- All parties must immediately identify and solve any problems that might occur during the testing.

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*\*Untested scenario: To fulfill RFI test cases that cannot be generated by OFI.*

## 2.2 Test Requirements for Financial Institution

- Ensure that the test environment is configured similar to the production environment.
- Provide Test Accounts to the assigned Partner Bank using the template in Appendix 1 and Appendix 2 (at least 7 days prior to the test date).
- All return transactions are expected to be **within T+2**.
- Ensure that all transactions are verified and processed according to the production system.
- Ensure that the testing is conducted within the schedule.

## 2.3 MEPS Roles and Responsibilities

- MEPS will facilitate the testing by providing the infrastructure to FI.
- The testing will be conducting in UAT Environment.
- Monitor and verify each test performed according to the test script.
- Provide testing status reports to FI at the end of the testing day.
- Ensure that all incoming transaction is being verified and process accordingly.
- Ensure that all reports / files are kept during the testing period.

## 3. MEPS IBG-UAT Contact Person

1. Name : Norazman Zulkifli (Azman)  
Email Address : norazman@meps.com.my  
Direct Line : 03 - 2781 0565  
Mobile No : 012 - 279 7965
2. Name : Nur Hushila Abd Halim (Shila)  
Email Address : hushila@meps.com.my  
Direct Line : 03 - 2781 0564  
Mobile No : 012 - 971 0271

## 4. UAT OVERVIEW FOR IBG ADDENDA NEW SPECIFICATION

UAT OVERVIEW																													
1	<p><b>Objectives</b></p> <ul style="list-style-type: none"> <li>• OFI must be able to send all credit transactions with Payment Description and Reference Number</li> <li>• OFI must indicate e-Dividend transaction with Segment Code "7"</li> <li>• RFI should be able to capture, store and make available the payment information to beneficiary</li> <li>• RFI should be able to accept and process e-Dividend transaction (Segment Code "7")</li> <li>• RFI should be able to process transactions with undefined code</li> <li>• RFI should be able to return transactions with the same information <u>as per the original entry</u> given by OFI</li> </ul>																												
2	<p><b>Scope</b></p> <ul style="list-style-type: none"> <li>• To make Addenda 2 as a compulsory for all credit transactions</li> <li>• To make Payment Description as required for Addenda New Specs</li> <li>• To introduce Segment Code "7" in Discretionary Data to indicate e-dividend Payment Transaction</li> <li>• To exclude testing on EPF Transaction</li> <li>• To perform limited control test. e.g. : AG, 2<sup>nd</sup> Validation</li> <li>• To test FI banking system – ready and able to cater above objectives</li> </ul>																												
3	<p><b>Addenda Requirements</b></p> <ul style="list-style-type: none"> <li>• OFI must include Addenda 2 for all credit transactions</li> </ul> <p><u>Reference Number</u></p> <ul style="list-style-type: none"> <li>• is <b>optional</b></li> <li>• if Originator provides one, OFI must capture the information</li> <li>• if Originator does not provides reference number, OFI may leave it blank &lt;spaces&gt;</li> <li>• valid value - alphanumeric</li> </ul> <p><u>Payment Description</u></p> <ul style="list-style-type: none"> <li>• is <b>required</b> in all transactions by OFI</li> <li>• Originator is responsible to provide Payment Description (with meaningful value) to indicate purpose of transaction</li> <li>• any value (which act as Payment Description) provides by Originator, OFI must capture the information and send to RFI</li> <li>• OFI is <u>recommended</u> to add the following value**, if no value is provided by Originator</li> </ul> <table border="1"> <thead> <tr> <th>Transaction Type</th> <th>Segment Code</th> <th>Payment Description</th> </tr> </thead> <tbody> <tr> <td>Government Transaction</td> <td>0</td> <td>"Government Tran"</td> </tr> <tr> <td>Private Transaction</td> <td>1</td> <td>"Private Transaction"</td> </tr> <tr> <td>Over The Counter Transaction (OTC)</td> <td>2</td> <td>"OTC"</td> </tr> <tr> <td>EPF Transaction</td> <td>3</td> <td><i>Not Applicable</i></td> </tr> <tr> <td>AG Type Transaction</td> <td>4</td> <td>"AG Transaction"</td> </tr> <tr> <td>Electronic Share Payment Transaction</td> <td>6</td> <td>"e-Share Payment"</td> </tr> <tr> <td>Electronic Dividend Payment Transaction</td> <td>7</td> <td>"e-Dividend Payment"</td> </tr> <tr> <td>Other type not specified</td> <td>-</td> <td>"IBG Transaction"</td> </tr> </tbody> </table> <p>**subject to agreement by the Originators</p>	Transaction Type	Segment Code	Payment Description	Government Transaction	0	"Government Tran"	Private Transaction	1	"Private Transaction"	Over The Counter Transaction (OTC)	2	"OTC"	EPF Transaction	3	<i>Not Applicable</i>	AG Type Transaction	4	"AG Transaction"	Electronic Share Payment Transaction	6	"e-Share Payment"	Electronic Dividend Payment Transaction	7	"e-Dividend Payment"	Other type not specified	-	"IBG Transaction"	
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UAT OVERVIEW																	
4	<p><b><u>Participating Banks</u></b></p> <ul style="list-style-type: none"> <li>All <b>24</b> banks are optional to participate in this UAT testing</li> <li>Implementation of one-to-one testing. e.g. : <b>Bank A ↔ Bank B</b></li> <li>All banks that confirmed participating must act as OFI and RFI</li> </ul> <p>One-to-one testing is a new approach to ensure UAT is closely monitored by both parties (OFI and RFI). All communication will take place between OFI and RFI with regards to the test data, test cases/scenario, files execution or any relevant matters.</p> <p>MEPS will identify and inform the respective FIs on who will be acting as OFI/RFI (or vice versa) prior to the testing date.</p> <p>In addition to that, kindly ensure MEPS is in the loop for all email correspondence during Test Data exchange and any issues arise.</p>																
5	<p><b><u>UAT Schedule</u></b></p> <ul style="list-style-type: none"> <li>UAT will commence on <b>28<sup>th</sup> February 2011</b>.</li> </ul> <table border="1"> <thead> <tr> <th>Cycle</th> <th>Activity</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td><b>Cycle 1</b></td> <td>UAT</td> <td>28/02/2011 – 04/03/2011</td> </tr> <tr> <td><b>Cycle 2</b></td> <td>UAT</td> <td>07/03/2011 – 11/03/2011</td> </tr> <tr> <td><b>Cycle 3</b></td> <td>UAT for the remaining untested scenario*</td> <td>14/03/2011 – 18/03/2011</td> </tr> <tr> <td><b>Cycle 4</b></td> <td>Test Result Verification and Sign Off</td> <td>21/03/2011 – 25/03/2011</td> </tr> </tbody> </table> <p><i>*Untested scenario: To fulfill RFI test cases that cannot be generated by OFI</i></p>	Cycle	Activity	Date	<b>Cycle 1</b>	UAT	28/02/2011 – 04/03/2011	<b>Cycle 2</b>	UAT	07/03/2011 – 11/03/2011	<b>Cycle 3</b>	UAT for the remaining untested scenario*	14/03/2011 – 18/03/2011	<b>Cycle 4</b>	Test Result Verification and Sign Off	21/03/2011 – 25/03/2011	
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<b>Cycle 4</b>	Test Result Verification and Sign Off	21/03/2011 – 25/03/2011															
6	<p><b><u>Window Time</u></b></p> <ul style="list-style-type: none"> <li>Window 1 – Cut off time <b>12.00 PM</b>, Window 2 – Cut off time <b>2.00 PM</b></li> <li>FIs are to submit NACHA and Transmittal file for <b>either</b> Window 1 or Window 2</li> <li>FIs are to ensure that the test case/s for that day is completed</li> </ul> <p><b>NOTE :</b> Please adhere to the cut off time. NACHA and Transmittal files which reach MEPS <b>after 2pm</b> will be processed the following day (in Window 1).</p>																
7	<p><b><u>UAT Channel</u></b></p> <p>UAT mode of sending/receiving NACHA and transmittal files are via :-</p> <ul style="list-style-type: none"> <li>Payswitch PKI Client</li> <li>Payswitch Q</li> <li>Email</li> </ul> <p><b>NOTE :</b> Not advisable to use <b>Payswitch Web</b> due to certification renewal issue, which potentially may interrupt testing progress.</p> <p>For those FI opted for Payswitch PKI Client, ensure UAT Connectivity test and Certificate are up-to-date and ready during final cycle of SIT.</p>																

<b>UAT OVERVIEW</b>													
8	<p><b><u>Testing Cycle Slots</u></b></p> <ul style="list-style-type: none"> <li>• FIs may choose which slot to participate for the selected cycle <ul style="list-style-type: none"> <li>- refer to Appendix 4</li> </ul> </li> <li>• FI need to respond not later than <b>14<sup>th</sup> February 2011</b></li> <li>• Not necessarily to test full 2 cycles if; <ul style="list-style-type: none"> <li>(a) all test cases has been tested/completed during Cycle 1</li> <li>(b) FI satisfied with test results during Cycle 1 and agree to proceed with UAT Sign Off</li> </ul> </li> </ul>												
9	<p><b><u>Test Data</u></b></p> <ul style="list-style-type: none"> <li>• FIs to submit test data <u>directly</u> to Partner Bank not later than <b>21<sup>st</sup> February 2011</b></li> <li>• Test Data shall have all segment codes - <b>recommended</b></li> <li>• For Test Data template, refer to Appendix 1 and 2</li> </ul>												
10	<p><b><u>Test Script</u></b></p> <ul style="list-style-type: none"> <li>• Test Script from Day 1 until Day 5, refer to Appendix 3</li> <li>• 2 separate Test Scripts – one for FI to act as an <b>OFI</b> and the other is for FI to act as a <b>RFI</b> (<i>softcopy will be emailed separately</i>)</li> </ul>												
11	<p><b><u>Test Scenario</u></b></p> <p>OFI to send credit transaction with any of segment code as below :-</p> <p><u>Segment Code</u></p> <table> <tr> <td>0</td> <td>: Government Transaction</td> </tr> <tr> <td>1</td> <td>: Private Transaction</td> </tr> <tr> <td>2</td> <td>: OTC Transaction</td> </tr> <tr> <td>4</td> <td>: AG Transaction</td> </tr> <tr> <td>6</td> <td>: e-Share Transaction</td> </tr> <tr> <td>7</td> <td>: e-Dividend Transaction</td> </tr> </table> <p><b><u>NOTE :</u></b></p> <p>Segment code '3' (EPF transaction) processing remain status quo due to 2<sup>nd</sup> Addenda is in use for validating Identification number.</p> <p>OFI is recommended to put in value for Processing Code (<i>position 76</i>), Segment Code (<i>position 77</i>) and Element Code (<i>position 78</i>).</p> <p>If RFI received <b>&lt;blank&gt;</b> or <b>unknown character</b> at any of 3 codes above (Processing Code, Segment Code and Element Code), RFI <u>must accept and process</u> the IBG transaction.</p>	0	: Government Transaction	1	: Private Transaction	2	: OTC Transaction	4	: AG Transaction	6	: e-Share Transaction	7	: e-Dividend Transaction
0	: Government Transaction												
1	: Private Transaction												
2	: OTC Transaction												
4	: AG Transaction												
6	: e-Share Transaction												
7	: e-Dividend Transaction												
12	<p><b><u>Additional Note</u></b></p> <p><b>OFI</b></p> <ul style="list-style-type: none"> <li>• Should any file get rejected by MEPS due to format error (doesn't comply with MEPS IBG System Message Format v2.6) and not in time to re-submit for the next available window, OFI need to merge all the transactions for the following day processing at MEPS.</li> </ul>												



UAT OVERVIEW																											
	<p><b>RFI</b></p> <ul style="list-style-type: none"> <li>• <b>Should not reject</b> IBG Transaction if any of the following condition occurs; <ul style="list-style-type: none"> <li>i – Addenda 2 is not available</li> <li>ii – Addenda 2 has Reference Number but no Payment Description</li> <li>iii – Addenda 2 has Payment Description but no Reference Number</li> <li>iv – Addenda 2 is available but no Payment Description and no Reference Number</li> </ul> </li> <li>• Need to further check Distribution file (PND) at their end. In case of any error encountered, kindly inform Partner Bank and ensure MEPS is in the loop for all email correspondence for further investigation and rectification</li> <li>• Shall provide screenshots of UAT Test Result to MEPS (to be attach together with UAT Sign Off)</li> </ul> <p><b>MEPS</b></p> <ul style="list-style-type: none"> <li>• Will not validate Payment Description and Reference Number</li> </ul>																										
13	<p><b><u>Addenda 2 Position</u></b></p> <p>Reference Number and Payment Description <u>positions</u> in Addenda 2.</p> <table border="1"> <thead> <tr> <th>Addenda 2 Field</th> <th>Data Element Name</th> <th></th> <th>Contents</th> <th>Length</th> <th>Position</th> <th>Example</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Reference Number</td> <td>Optional</td> <td>Alphanumeric</td> <td>20</td> <td><b>04 - 23</b></td> <td>1234567</td> </tr> <tr> <td>4</td> <td>Payment Description</td> <td>Required</td> <td>Alphanumeric</td> <td>20</td> <td><b>24 - 44</b></td> <td>Loan Payment</td> </tr> </tbody> </table> <p><i>*refer to IBG System Message format v2.6</i></p>						Addenda 2 Field	Data Element Name		Contents	Length	Position	Example	3	Reference Number	Optional	Alphanumeric	20	<b>04 - 23</b>	1234567	4	Payment Description	Required	Alphanumeric	20	<b>24 - 44</b>	Loan Payment
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## 5. UAT TEST PLAN CYCLE DESCRIPTIONS

The UAT Test Plan consists of 2 cycles of tests. They are described below:

### Cycle 1

Test Plan for Day 1 to Day 5

DAY	TEST CASES
1	<p><b>Test Purpose:</b></p> <p>OFI system able to generate credit transactions with Payment Description and/or Reference Number, complying with new e-Dividend segment code and fulfilling Addenda 2 requirements.</p> <p><u>Positive Test</u> Transactions with at least 2 Addendas, Payment Description and/or Reference Number for the following segment codes : "0", "1", "2", "4", "6", "7"</p> <p><u>Negative Test</u> Transactions without 2 Addendas, without Payment Description and/or Reference Number, Undefined Codes for the following segment codes : "0", "1", "2", "4", "6", "7"</p> <p><b><u>Test Approach/Cases:</u></b></p> <p>OFI needs to send NACHA and Transmittal file containing :</p> <p>Normal Transactions which :-</p> <ul style="list-style-type: none"> <li>• have at least 2 Addendas</li> <li>• have Payment Description and/or Reference Number</li> <li>• for 2<sup>nd</sup> Validation transactions – must have 3 Addendas</li> </ul> <p>RFI able to capture, store and make available the payment information, shall accept and process e-Dividend transaction (code "7") and provide return transactions with the same information (as per original entry) given by OFI.</p>

DAY	TEST CASES
2	<p><b>Test Purpose:</b></p> <p>OFI to send remaining untested transactions from DAY 1</p> <p><u>Positive Test</u> Transactions with at least 2 Addendas, Payment Description and/or Reference Number for the following segment codes : "0", "1", "2", "4", "6", "7"</p> <p><u>Negative Test</u> Transactions without 2 Addendas, without Payment Description and/or Reference Number, Undefined Codes for the following segment codes : "0", "1", "2", "4", "6", "7"</p> <p><b>Test Approach:</b></p> <p>OFI needs to send NACHA and Transmittal file containing :</p> <p>Normal Transactions which :-</p> <ul style="list-style-type: none"> <li>• have at least 2 Addendas</li> <li>• have Payment Description and/or Reference Number</li> <li>• for 2<sup>nd</sup> Validation transactions – must have 3 Addendas</li> </ul> <p>RFI able to capture, store and make available the payment information, shall accept and process e-Dividend transaction (code "7") and provide return transactions with the same information (as per original entry) given by OFI.</p>
3	<p><b>Test Purpose:</b></p> <p>a) OFI to send remaining untested transactions from DAY 1 or Day 2 (if any)</p> <p><u>Positive Test</u> Transactions with at least 2 Addendas, Payment Description and/or Reference Number for the following segment codes : "0", "1", "2", "4", "6", "7"</p> <p><u>Negative Test</u> Transactions without 2 Addendas, without Payment Description and/or Reference Number, Undefined Codes for the following segment codes : "0", "1", "2", "4", "6", "7"</p> <p><b>Test Approach:</b></p> <p>OFI needs to send NACHA and Transmittal file containing :</p> <p>Normal Transactions which :-</p> <ul style="list-style-type: none"> <li>• have at least 2 Addendas</li> <li>• have Payment Description and/or Reference Number</li> <li>• for 2<sup>nd</sup> Validation transactions – must have 3 Addendas</li> </ul> <p>RFI able to capture, store and make available the payment information, shall accept and process e-Dividend transaction (code "7") and provide return transactions with the same information (as per original entry) given by OFI.</p>

DAY	TEST CASES
	<p>b) RFI to provide return transactions for all the invalid record which tested during DAY 1</p> <p><u>Positive Test</u> Return transaction with the same information as per the original entry record</p> <p><u>Negative Test</u> Return transaction without the same information as per the original entry record</p> <p><b><u>Test Approach:</u></b></p> <p>RFI needs to send NACHA and Transmittal file containing :</p> <ul style="list-style-type: none"> <li>Return transactions from Day 1</li> </ul> <p>OFI able to process all return transactions as per normal.</p>
4	<p><b>Test Purpose:</b></p> <p>RFI to provide return transactions for all the invalid record which tested during DAY 2</p> <p><u>Positive Test</u> Return transaction with the same information as per the original entry record</p> <p><u>Negative Test</u> Return transaction without the same information as per the original entry record</p> <p><b><u>Test Approach:</u></b></p> <p>RFI needs to send NACHA and Transmittal file containing :</p> <ul style="list-style-type: none"> <li>Return transactions from Day 2</li> </ul> <p>OFI able to process all return transactions as per normal.</p>
5	<p><b>Test Purpose:</b></p> <p>RFI to provide return transactions for all the invalid record which tested during DAY 3 (<i>if any</i>)</p> <p><u>Positive Test</u> Return transaction with the same information as per the original entry record</p> <p><u>Negative Test</u> Return transaction without the same information as per the original entry record</p> <p><b><u>Test Approach:</u></b></p> <p>RFI needs to send NACHA and Transmittal file containing :</p> <ul style="list-style-type: none"> <li>Return transactions from Day 3 (<i>if any</i>)</li> </ul> <p>OFI able to process all return transactions as per normal.</p>

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On daily basis (by end of the day), both **OFI** and **RFI** will receive and verify the following reports

Distribution NACHA File (pndmddw.txt) – for Window1 & Window2  
Settlement Report (prsmddw.txt) – for Window2

Other Reports:

Collection Report (prcmddx.txt)	}	Via FTP Report Server
Collection Recon File (pecmddx.txt)		
Distribution Report (prdmddx.txt)		
Distribution Recon File (pedmddx.txt)		

*x* – represent **a** (window 1) and **p** (window 2)

**Cycle 2**

Repeat Test Plan for Day 1 to Day 5

**Cycle 3**

- Only if OFI/RFI need to retest
- Not compulsory if OFI/RFI satisfied with results of Cycle 1 & 2

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## 6. TEST SCRIPTS

Please refer to Appendix 3 (Softcopy of OFI & RFI will be emailed to FI separately)

## 7. TEST REPORTS / FILES

MEPS will provide the following files and reports in Window 1

- |  |                         |
|--|-------------------------|
| a) Distribution NACHA File – <b>pndmdda.txt</b> (via PaySwitch or email) | } Via FTP Report Server |
| b) Collection Report – <b>prcmdda.txt</b>                                |                         |
| c) Collection Reconciliation File – <b>pecmdda.txt</b>                   |                         |
| d) Distribution Report – <b>prdmdda.txt</b>                              |                         |
| e) Distribution Reconciliation File – <b>pedmdda.txt</b>                 |                         |

MEPS will provide the following files and reports in Window 2

- |  |                         |
|--|-------------------------|
| a) Distribution NACHA File – <b>pndmddp.txt</b> (via PaySwitch or email) | } Via FTP Report Server |
| b) Collection Report – <b>prcmddp.txt</b>                                |                         |
| c) Collection Reconciliation File – <b>pecmddp.txt</b>                   |                         |
| d) Distribution Report – <b>prdmddp.txt</b>                              |                         |
| e) Distribution Reconciliation File – <b>pedmddp.txt</b>                 |                         |
| f) Settlement Report – <b>prsmddp.txt</b>                                |                         |

## 8. TEST VERIFICATION

FI shall submit the FI Reports, FI Test Result and FI Test Scripts/Sign Off to MEPS (via fax / scan-email / courier) at the end of each test cycle at the following address:

Fax No : **+603-2713-3099**

Scan Email : (To) **vijayaraj@meps.com.my**  
(Cc) **norazman@meps.com.my** and **hushila@meps.com.my**

Courier Address : **Manager,** (please label the envelope as UAT Addenda)  
**Quality Assurance,**  
**MEPS Sdn Bhd,**  
**7<sup>th</sup> Floor, MEPS@Horizon,**  
**Tower 5, Avenue 3,**  
**Bangsar South, 8 Jalan Kerinchi,**  
**59200 Kuala Lumpur**

MEPS shall perform the validation to ensure the accuracy and consistency of the test results for all parties involved in the UAT test.

Should inconsistency or incomplete test results is found, MEPS shall request the FI to clarify and retest the test cases.

## 9. UAT SIGN OFF

FI shall confirm that UAT test result have been verified and shall provide a User Acceptance Test (UAT) Sign Off to MEPS. This form is provided in Appendix 5.

## Appendix 1: Test Data Template – Segment Code “0”, “1”, “2”, “6”, “7”

UAT Test Data Template for;

**Government Transaction** : Segment Code = “0”  
**Private Transaction** : Segment Code = “1”  
**Over The Counter (OTC) Transaction** : Segment Code = “2”  
**e-Share Transaction** : Segment Code = “6”  
**e-Dividend Transaction** : Segment Code = “7”

Normal Transaction with Discretionary Data

Bank Name : **ABC BANK**

Bank Routing Number : **100005115**

No	Beneficiary Name	Account Number	Account Type	Processing Code	Segment Code	Transaction Amount	Payment Description	Ref No.	New IC	Old IC	Passport No	Armed Force No	BRC No.	Expected Result
1.	e.g. : Hidayah	113458799201	Loan	“5”	“1”	880.00	Housing Loan	XY21	780430015291					Positive (to process the transaction)
2.	e.g. : Mr Lee	125931000556	Loan	“5”	“2”	930.00	Car Loan	12345	800726145115					Negative (to reject – Invalid IC)
3.	e.g. : Mr Raja	110005568110	Credit Card	“0”	“2”	1000.00		9876						Positive (to process the transaction)
4.	e.g. : Syed Ali	164480054721		“5”	“6”	650.00	e-Share Jan 2011			A511026				Positive (to process the transaction)

For item #3, OFI should be able to fill-up payment description as recommended, if Originator doesn't provide one. Example “OTC”

**NOTE:** Banks should include test data for both positive and negative test cases

## Appendix 2: Test Data Template – Segment Code “4”

UAT Test Data Template for;

**AG Transactions** : Segment Code = “4”

Normal Transaction with Discretionary Data

Bank Name : **ABC BANK**

Bank Routing Number : **100005115**

No.	Beneficiary Name	Account Number	Processing Code	Segment Code	Transaction Amount	EFT Number	Payment Description	Ref No	New IC	Old IC	Passport No	Armed Force No	BRC No.	Expected Result
1.	e.g. : Hamzah Wahab	060002116440	“5”	“4”	650.00	EFT1010	Salary Payment for Jan 2011			K0261111				Positive (to process the transaction)

**NOTE:** Banks should include test data for both positive and negative test cases



## Appendix 3: Test Scripts

- Below is sample of UAT Test Script cover page
- Softcopy of OFI and RFI Test Scripts will be emailed separately

	<b>MALAYSIAN ELECTRONIC PAYMENT SYSTEM SDN BHD</b> <i>(Formerly known as Malaysian Electronic Payment System (1997) Sdn Bhd)</i> <b>INTERBANK GIRO SERVICES</b>
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FINANCIAL INSTITUTION NAME	
NAME OF ORIGINATING FI	
NAME OF RECEIVING FI	
TEST DATE	
NAME OF TESTER	
PURPOSE OF TEST :	
DATE TEST COMPLETED	
REMARKS	
SIGNATURE OF TESTER	
DATE	

**INSTRUCTION NOTE:**

PLEASE DETAIL OUT THE TEST RESULT BEFORE SENDING TO MEPS. YOU MAY ATTACH ADDITIONAL SHEET, IF NECESSARY.

## Appendix 4: UAT Slots for OFI & RFI Bank (Sample)

- UAT Testing Cycles : **28/02/11** until **18/03/11**
- OFI and RFI may choose which cycle to participate

### Sample of FIs UAT Preferred Cycle Slot for IBG Addenda New Specification

FI	UAT SLOT 1	UAT SLOT 2	UAT SLOT 3
	28/02/11 – 04/03/11	07/03/11 – 11/03/11	14/03/11 – 18/03/11
BANK A	✓		Testing to cater remaining untested scenario* or retesting of fixes done to incidents identified during Cycle 1 & 2.
BANK B		✓	
BANK C			
BANK D			
BANK E			
BANK F			
BANK G			
BANK H			
BANK I			
... ... ...and other FI			

\*Untested scenario: To fulfill RFI test cases that cannot be generated by OFI

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## Appendix 5: User Acceptance Test (UAT) Sign Off Form

**User Acceptance Test (UAT) SIGN OFF FORM**

1. This is to confirm that we have performed User Acceptance Test for MEPS Interbank GIRO on \_\_\_\_\_ until \_\_\_\_\_, which the scope and approach as follows:

- The scope of testing is limited to the supported functionality of the MEPS IBG system such as Normal Transaction and Return Transaction as per MEPS Interbank GIRO (IBG) System Message Format Version 2.6 for;
  - i. IBG Addenda 2 New Specifications (Payment Description & Reference Number)
  - ii. Segment Code "7" for e-Dividend Payment Transactions
- Reports.

2. The testing was conducted according to the agreed test plan and test script provided by MEPS.

3. Based on the testing within the scope of the test plan and test scripts, we are of the opinion that:

- Our system interfacing with MEPS Interbank GIRO system is **ready**.
- Our system interfacing with MEPS Interbank GIRO system is **not ready**. The reasons are as follows:

\_\_\_\_\_

\_\_\_\_\_

REMARKS:

\_\_\_\_\_

\_\_\_\_\_

FI Name : \_\_\_\_\_

Name : \_\_\_\_\_ Name : \_\_\_\_\_

Designation : \_\_\_\_\_ Designation : \_\_\_\_\_

Signature : \_\_\_\_\_ Signature : \_\_\_\_\_

Date : \_\_\_\_\_ Date : \_\_\_\_\_