Customer Reference:	EB110001_38
Topic:	**Bahtnet function for Internet Banking**

Assumptions and requirement:
To provide Bahtnet function to BIB customer.

Summary of enhancement efforts:

No.	Appl	Description	Man-days
1.	IB	To create new Bahtnet function: 1.1 BIB 1.2 IBAM Update IBAM & BIB User Manual Update BIB Demo	12
2.	Host	To support new interface transactions for BIB 2.1 Monetary transactions for RM issuance and settlement 2.2 Non-monetary transactions for RM maintenance and inquiry	5
3.		Requirement Analysis	3
4.		SIT/UAT Support	5
		Total	25

Affected Area: IBAM
BIB
User Manual – IBAM & BIB
Demo – BIB

Prepared By: Amy Chuah
Review By: Juraporn P.

Enhancement Detail

1. Issuance transaction Flow
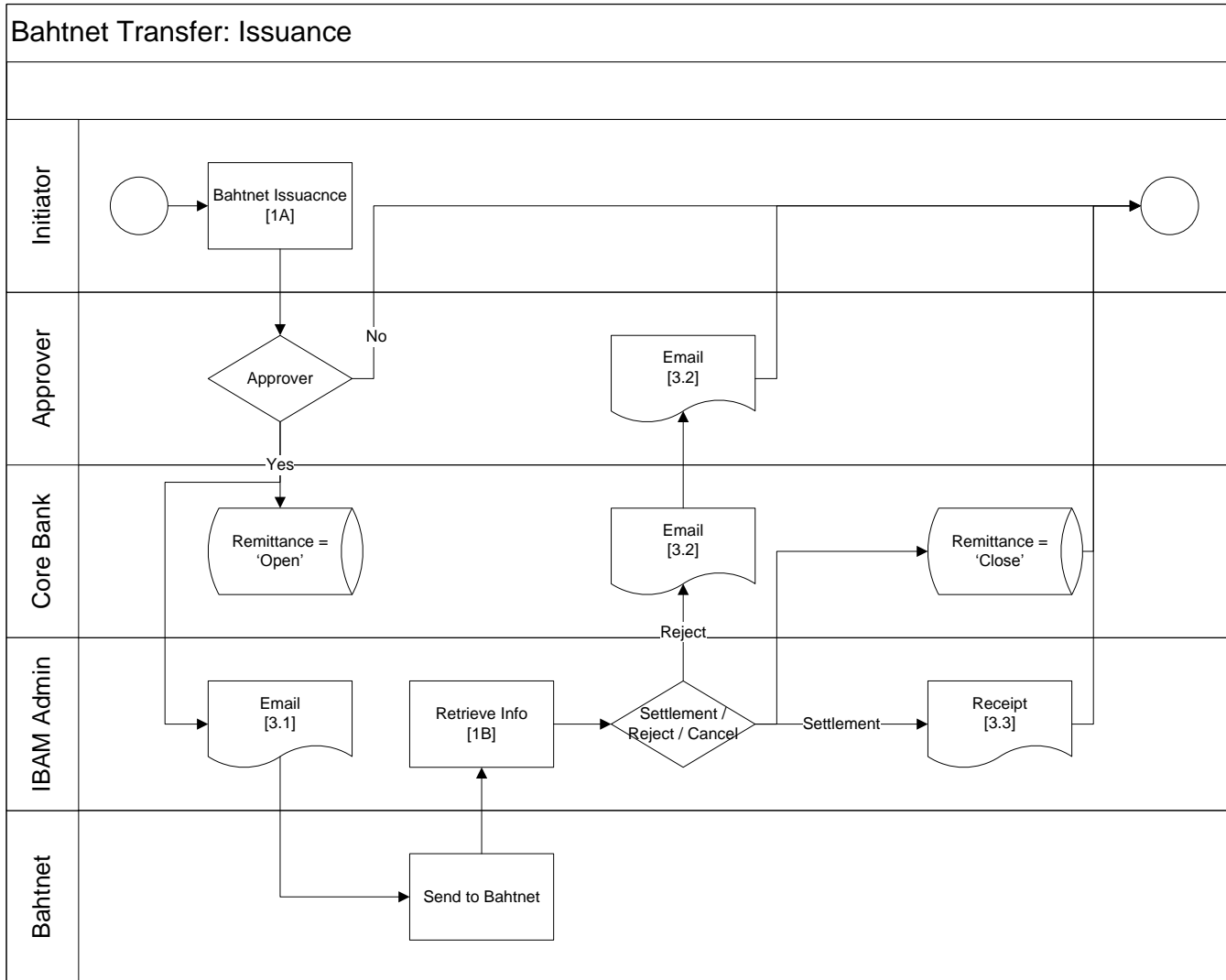
Screen Specification:
[1A] – Bahtnet Issuance
Step 1

Input Specification: – All inputs are in English only.

No.	Field	Field Type	Validation Rule	Description	M/O
1.	From Account	Drop box list	Must be selected	The eligible account numbers. Displays the all available account belong to the same CIF.	M
2.	To Bank	Drop box list	Must be selected	List of recipient banks	M
3.	To Branch	Text box	Must be entered.	Recipient branch name	M
4.	Province	Drop box list	Must be entered	To identify if inter-region for To Account and will be used for Inter-region Fees Calculation	M
5.	To Account	Text box	Min length:10 Numeric Max length:19 Numeric	Recipient account number	M
6.	Amount	Text box	15,2 decimal	Transfer amount	M
7.	Purpose	Text box	Max 35 characters	 	M
8.	Mobile No.	Text box	Matched length: 10 numeric	Mobile number of initiator. System default, allow to change	M

Action:

No.	Action	Type	Description
1.	Clear	Button	Contains an action to clear the field entered
2.	Next	Button	Contain an action to continue to Bahtnet Issuance confirmation page

Step 2: Confirmation page
Display specification: -

No.	Field	Format	Description
1.	Company name	Text	Show company name
2.	Address	Text	Show company address line 1 and 2
3.	Phone No.	Text	Show company phone number
4.	Mobile No.	Text	Show initiator mobile number
5.	From Account	Text	Show company debit account number
6.	From A/C Name	Text	Show company debit account name
7.	Transfer amount	Numeric 15,2	Show transaction amount
8.	To Bank	Text	Show bank SWIFT code and Name
9.	To branch	Text	Show branch name
10.	Province	Text	Show province name
11.	To Account	Text	Show transfer to account number
12.	Purpose	Text	Show purpose of transaction
13.	Charges	Numeric 9,2	Show total charges of transaction (Bahtnet Fees+ Inter Region Fees)

Action:

No.	Action	Type	Description
1.	Back	Button	Contain an action to go back to Bahtnet Issuance entry page
2.	Confirm	Button	Contain an action to continue to Bahtnet Issuance result page

Step 3: Result page
Display specification

No.	Field	Format	Description
1.	Company name	Text	Show company name
2.	Address	Text	Show company address line 1 and 2
3.	Phone No.	Text	Show company phone number
4.	Mobile No.	Text	Show initiator mobile number
5.	From Account	Text	Show company debit account number
6.	From A/C Name	Text	Show company debit account name
7.	Transfer amount	Numeric 15,2	Show transaction amount
8.	To Bank	Text	Show bank SWIFT code and Name
9.	To branch	Text	Show branch name
10.	Province	Text	Show province name
11.	To Account	Text	Show transfer to account number
12.	Purpose	Text	Show transaction purpose
13.	Charges	Numeric 9,2	Show total charges of transaction (Bahtnet Fees+ Inter Region Fees)
14.	Status	Text	Show the status of transaction

No.	Field	Format	Description
15.	Remittance No.	Text	Show the remittance number of transaction. Remittance number format: BBB-06-140-YY-XXXXX-C whereby: *BBB* = Branch code *06,140* = Fixed value for Bahtnet product *YY* = Year (eg. 12,13,…) -> This number is changed upon new year *XXXXX* = Running number *C* = Check digit
16.	Reference No.	Numeric	Show reference number of transaction
17.	Transaction Date	DD/MM/YYYY	Show transaction date (today)
18.	Transaction Time	HH:MM::SS	Show transaction time

Action:

No.	Action	Type	Description
1.	Print Receipt	Button	Contain an action To generate receipt's pop-up display
2.	Make another transaction	Button	Contain an action to go back to new Bahtnet Issuance entry page

NOTE:
1. Remittance number will be displayed in the result page of approver transaction.
2. Bahtnet fee is 150 baht
3. Inter-region fee will be applicable if the debit account is not in Bangkok/Metropolitan area and the credit account is in Bangkok/Metropolitan area. As following:

	From branch	To province	Bahtnet Fee	Inter-Region Fee
1.	Bangkok	Bangkok	150	0
2.	Bangkok	Other	150	0
3.	Other	Bangkok	150	XXX
4.	Other	Other	150	0

   XXX = 10 Baht for each transfer amount 10,000 Baht. Minimum fee is 10 Baht, Maximum fee is 750 Baht
4. Province code for Bangkok/Metropolitan is 010

[1B] – Bahtnet Transaction Inquiry
Step 1

Display specification:
Bahtnet transaction listing (Only today's transaction will be shown)

No.	Field	Format	Description
1.	Remittance No.	Numeric	Show Bahtnet's remittance number
2.	Company Name	Text	Show company name (applicant)
3.	Status	Text	Show host status of BahtNet transaction

Action:

No.	Action	Type	Description
1.	Detail	Hyperlink	Contain an action to view detail of transaction
2.	Update	Hyperlink	Contain an action to continue to Settlement/Cancel/Reject transaction

Step 2: - Confirm page
Display specification

No.	Field	Format	Description
1.	Company name	Text	Show company name
2.	Address	Text	Show company address line 1 and 2
3.	Phone No.	Text	Show company phone number
4.	From Account	Text	Show company debit account number
5.	From A/C Name	Text	Show company debit account name
6.	Transfer amount	Numeric 15,2	Show transaction amount
7.	To Bank	Text	Show bank SWIFT code and Name
8.	To branch	Text	Show branch name
9.	Province	Text	Show province name
10.	To Account	Text	Show transfer to account number
11.	Purpose	Text	Show transaction purpose
12.	Bahtnet Fee	Numeric 9,2	Show Bahtnet Fee
13.	Inter-Region Fee	Numeric 9,2	Show inter-region fee
14.	Status	Text	Show host status of BahtNet transaction

Input specification:

No.	Field	Field Type	Validation Rule	Description	M/O
1.	Reason	Text	Max 100 characters	The reject reason to be sent to initiator & approver email	M for reject action

Action:

No.	Action	Type	Description
1.	Back	Button	Contain an action to go back to Bahtnet transaction listing screen
2.	Settlement	Button	Contain an action to confirm Settlement transaction
3.	Reject	Button	Contain an action to reject transaction
4	Cancel	Button	Contain an action to confirm Cancellation transaction

Step 3: Result page
Display specification

No.	Field	Format	Description
1.	Company name	Text	Show company name
2.	Address	Text	Show company address line 1 and 2
3.	Phone No.	Text	Show company phone number
4.	From Account	Text	Show company debit account number
5.	From A/C Name	Text	Show company debit account name
6.	Transfer amount	Numeric 15,2	Show transaction amount
7.	To Bank	Text	Show bank SWIFT code and Name
8.	To branch	Text	Show branch name
9.	Province	Text	Show province name
10.	To Account	Text	Show transfer to account number
11.	Purpose	Text	Show transaction purpose

No.	Field	Format	Description
12.	Bahtnet Fee	Numeric 9,2	Show Bahtnet Fee
13.	Inter-Region Fee	Numeric 9,2	Show inter-region fee
14.	Status	Text	Show the status of transaction
15.	Reference No.	Numeric	Show reference number of transaction
16.	Transaction Date	DD/MM/YYYY	Show transaction date (today)
17.	Transaction Time	HH:MM::SS	Show transaction time

Action:

No.	Action	Type	Description
1.	Print Receipt	Button	Contain an action To generate receipt's pop-up display
2.	Back	Button	Contain an action to go back to Bahtnet transaction listing screen

2. Maintenance/Edit transaction Flow

After initiator receives email alert from bank about rejecting Bahtnet transaction. Initiator needs to perform Bahtnet transaction maintenance to update the following information:

- Bank name
- Branch name
- Province
- To account number

Bahtnet Transfer: Maintenance
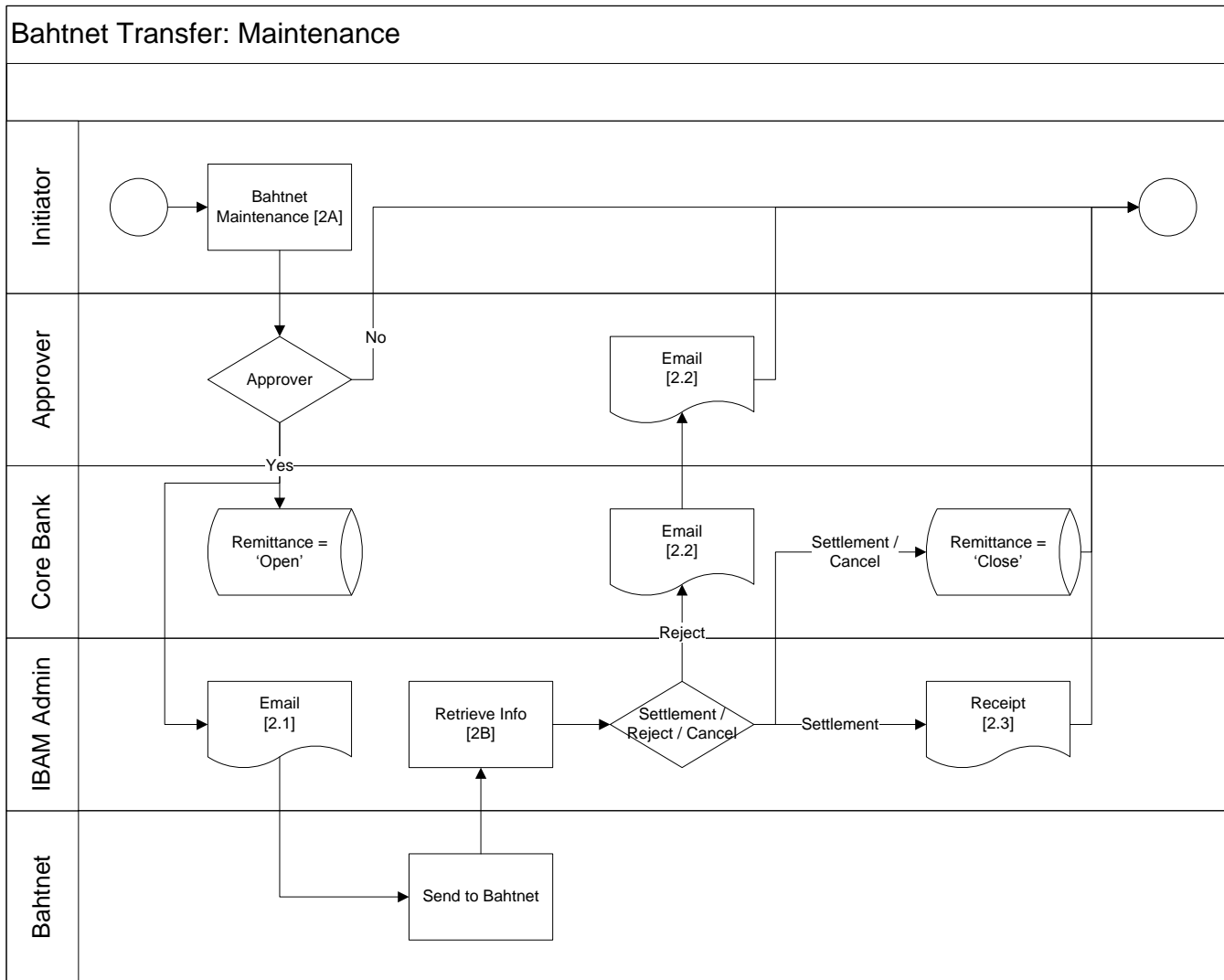
[2A] – Bahtnet Transaction Maintenance
Step 1
Bahtnet transaction listing[1]

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[1] Only today's transactions that have been rejected of that initiator will be shown. Information to be retrieved from IB database. Cancelled transaction not allowed to be updated.

Display specification:

No.	Field	Format	Description
1.	To Account No.	Text	Show transfer to account number
2.	To Account Name	Text	Show transfer to account name
3.	To Bank	Text	Show bank name
4.	Amount	Numeric 15,2	Show transfer amount

Action:

No.	Action	Type	Description
1.	Update	Hyperlink	Contain an action to edit detail of transaction

Step 2: Transaction Details– All inputs are in English only.

Input Specification

No.	Field	Field Type	Validation Rule	Description	M/O
1.	To Bank	Drop box list	Must be selected	List of recipient banks	M
2.	To Branch	Text box	Must be entered.	Recipient branch name	M
3.	Province	Drop box list	Must be entered	To identify if inter-region for To Account and will be used for Inter-region Fees Calculation	M
4.	To Account	Text box	Min length:10 Numeric Max length:19 Numeric	Recipient account number	M

Display Specification

No.	Field	Format	Description
1.	From Account	Text	Show company debit account number
2.	From A/C Name	Text	Show company debit account name
3.	Transfer amount	Numeric 15,2	Show transaction amount
4.	Purpose	Text	Show purpose of transaction

Action:

No.	Action	Type	Description
1.	Clear	Button	Contains an action to clear the field entered

| 2. | Next | Button | Contain an action to continue to Bahtnet Maintenance list page |

Step 3: - Confirmation page
Display specification

No.	Field	Format	Description
1.	Company name	Text	Show company name
2.	Address	Text	Show company address line 1 and 2
3.	Phone No.	Text	Show company phone number
4.	Mobile No.	Text	Show initiator mobile number
5.	From Account	Text	Show company debit account number
6.	From A/C Name	Text	Show company debit account name
7.	Transfer amount	Numeric 15,2	Show transaction amount
8.	To Bank	Text	Show bank SWIFT code and Name
9.	To branch	Text	Show branch name
10.	Province	Text	Show province name
11.	To Account	Text	Show transfer to account number
12.	Purpose	Text	Show purpose of transaction
13.	Charges	Numeric 9,2	Show total charges of transaction (Bahtnet Fees+ Inter Region Fees)

Action:

No.	Action	Type	Description
1.	Back	Button	Contain an action to go back to Bahtnet Maintenance page
2.	Confirm	Button	Contain an action to continue to Bahtnet Maintenance result page

Step 4: Result page
Display specification

No.	Field	Format	Description
1.	Company name	Text	Show company name
2.	Address	Text	Show company address line 1 and 2
3.	Phone No.	Text	Show company phone number
4.	Mobile No.	Text	Show initiator mobile number
5.	From Account	Text	Show company debit account number
6.	From A/C Name	Text	Show company debit account name
7.	Transfer amount	Numeric 15,2	Show transaction amount
8.	To Bank	Text	Show bank SWIFT code and Name
9.	To branch	Text	Show branch name
10.	Province	Text	Show province name
11.	To Account	Text	Show transfer to account number
12.	Purpose	Text	Show transaction purpose
13.	Charges	Numeric 9,2	Show total charges of transaction (Bahtnet Fees+ Inter Region Fees)
14.	Status	Text	Show the status of transaction
15.	Remittance No.	Text	Show the remittance number of transaction. (Re-use from previous transaction)

No.	Field	Format	Description
16.	Reference No.	Numeric	Show reference number of transaction
17.	Transaction Date	DD/MM/YYYY	Show transaction date (today)
18.	Transaction Time	HH:MM::SS	Show transaction time

Action:

No.	Action	Type	Description
1	Print Receipt	Button	Contain an action To generate receipt's pop-up display
2	Make another transaction	Button	Contain an action to go back to new Bahtnet Maintenance list page

3. Document format

3.1   Email notification to the bank upon issuance/maintenance approval.

แจ้งเตือนการทำรายการ: ขอโอนเงินผ่าน BAHTNET

เรียนส่วนปฏิบัติการเงินสดและบาทเนต

ได้มีการทำรายการผ่าน LH Bank Speedy เพื่อขอโอนเงินผ่าน BAHTNET โดยมีรายละเอียดดังนี้

ผู้ทำรายการ:	บริษัท ทดสอบที่ 1 จำกัด
เลขที่อ้างอิง:	2012110200000009240
วัน/เวลาที่ทำรายการ:	02 พ.ย. 2555 10:01:22
สถานะ:	รอดำเนินการ

เอกสารฉบับนี้เป็นอิเล็กทรอนิกส์ไม่จำเป็นต้องมีลายเซ็น

3.2   Email notification to customer (initiator/approver) upon reject by the bank.

แจ้งเตือนการทำรายการ: รายการถูกปฏิเสธโดยธนาคาร

เรียนผู้ใช้ระบบ (Initiator & Approver)

รายการที่ท่านผ่าน LH Bank Speedy เพื่อขอโอนเงินผ่าน BAHTNET ถูกปฏิเสธโดยมีรายละเอียดดังนี้

ผู้ทำรายการ:	บริษัท ทดสอบที่ 1 จำกัด
เลขที่อ้างอิง:	2012110200000009240
วัน/เวลาที่ทำรายการ:	02 พ.ย. 2555 10:01:22
สถานะ:	ปฏิเสธการทำรายการ
สาเหตุ:	เลขที่บัญชีปลายทางไม่ถูกต้อง

เอกสารฉบับนี้เป็นอิเล็กทรอนิกส์ไม่จำเป็นต้องมีลายเซ็น

3.3   Official receipt for customer by the bank. [Pending Format]

3.4   Transaction receipt

ใบยืนยันการโอนเงิน BAHTNET
BAHTNET Fund Transfer Receipt

Tuesday, 11 December 2012, 11:00:00
เอกสารนี้คือ BAHTNET Fund Transfer ออนไลน์บริการ LH Bank Speedy ที่สร้างขึ้นโดย LH Bank ซึ่งมี
รายละเอียดดังต่อไปนี้

วันที่: **Transaction Date**	11 ธันวาคม 2012
ชื่อผู้ขอซื้อ/ชื่อผู้ขอโอน: **Purchaser's/Application name**	FIRSTN SURNAMEN
ที่อยู่: **Address**	เลขที่ 1 อาคารคิวเฮ้าส์ ลุมพินี ถนนสาทรใต้
	แขวงทุ่งมหาเมฆ เขตสาทร กรุงเทพฯ 10120
เบอร์โทรศัพท์ผู้ขอโอน: **Telephone number**	021234567
วัตถุประสงค์: **Purpose**	โอนเงินเพื่อบุคคลที่สามผ่านระบบ BAHTNET
เข้าบัญชีเลขที่: **A/C No**	1234567890
ชื่อผู้รับ/ชื่อบัญชี: **Receiver's / A/C name**	MRS. PHINYAPA KYERKITCHAI
วันที่มีผลในการโอนเงิน: **Value Date**	11 ธันวาคม 2012
ธนาคารผู้รับโอน: **Receiver's Name**	SIAM COMMERCIAL BANK
สำนัก/สาขา: **Main Branch/Branch**	PHRAPATHONE
จังหวัด: **Province**	กรุงเทพมหานคร
จำนวนเงินเป็นตัวอักษร: **Amount in words**	FOUR MILLION BAHT ONLY
จำนวนเงินตัวเลข: **Amount in number**	4,000,000.00
ค่าธรรมเนียม: **Commission**	150.00
ค่าธรรมเนียมโอนเงิน: **Other**	0.00
จำนวนเงินรวม: **Total Amount**	4,000,150.00
หักจากบัญชีเลขที่: **Debit from A/C No**	8891234567
สำนัก/สาขา: **Branch**	ลุมพินี
ชื่อบัญชี: **A/C name**	หจก. ทดสอบระบบ จำกัด

เอกสารฉบับนี้เป็นอิเล็กทรอนิคส์ไม่จำเป็นต้องมีลายเซ็น

4. Integrated transaction list
    4.1   Monetary transaction
        4.1.1   Bahtnet issuance – from CA
        4.1.2   Bahtnet issuance – from SA
        4.1.3   Bahtnet settlement
        4.1.4   Bahtnet cancellation
    4.2   Non-monetary transaction
        4.2.1   Remittance listing in IBAM (Only for today's transaction)
        4.2.2   Remittance detail inquiry in IBAM

5. IB new database information
        5.1.1   Province table
        5.1.2   Update Bank SWIFT code to existing Interbank Bank List

5.1.3   Bahtnet transaction fee
5.1.4   Bahtnet Inter-region fee