

(Unofficial Translation) *

Notification of the Bank of Thailand

Re: Standard Payment Barcode

1. Rationale

The Payment Systems Committee has formulated the payment systems policy directions and established the payment infrastructure and technological standards. The payment criteria have been set, so as to ensure the standard payment formats, procedures and methods. The Payment Systems Committee has then considered setting up the standard payment barcode so it issued notification of the standard payment barcode, as detailed below:

2. Scope of Application

Issuer of bill statement and payment service provider, using payment barcode for payment.

3. Content

3.1 Definition

On this notification:

“Standard Payment Barcode” refers to barcodes as shown on any bill statements, used for payment of goods and services, under the standard format and regulation under this notification.

“Bill Statement” refers to the statement containing the standard payment barcode and other necessary information for payment of goods and services.

“Issuer of Bill Statement” refers to private companies or government agencies, as service provider, intent upon collecting charges for such services, by issuing statements containing the standard payment barcode.

“Payment Service Provider” refers to companies, banks or any other units serving as intermediaries in payment in lieu of the issuer of bill statement, including the issuer of bill statement who also provides payment services.

“Payer” refers to individual and corporate entities, who use payment services for goods and services, under bill statement through payment service provider.

* This translation is for convenience for those who are not familiar with Thai Language. For official only Thai texts are relevant

3.2 Conditions for Usage of the Standard Payment Barcode

The conditions for usage of the standard payment barcode can be summarized, as follows:

3.2.1 Content and position of barcode shall be as stipulated under this notification.

3.2.2 Before it is introduced, the standard payment barcode must be tested by the payment service providers. In case the equipment by means of which the standard barcode was produced has been changed, the barcode must be retested.

3.3 Print Out Information and Format of the Standard Payment Barcode

3.3.1 Print Out Information

Bill companies must print out the standard payment barcode, together with the barcode serial number under it in line with the payment barcode.

3.3.2 Element of the Standard Payment Barcode

(1) Element of the Standard Payment Barcode

- The standard payment barcode follows the code 128. It is represented by one barcode symbol with maximum 62 digits (excluding carriage return).

- The height of the standard payment barcode should not be less than 1 centimeter.

- The length of each field's the standard payment barcode is variable length.

The special symbol, carriage return (CR), represents by ↵ which identifies the end of fields, except the end of amount field.

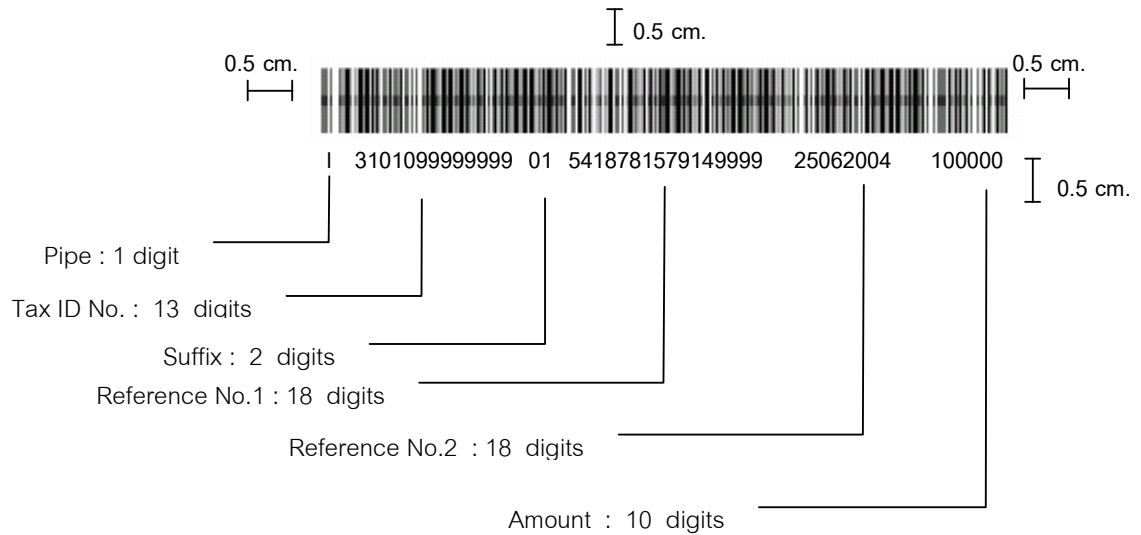
- The standard payment barcode contains numeric data only except the prefix field which always has a fixed start Pipe (|) symbol.

(2) The standard payment barcode is constructed from left to right.

#	Field Name	Length	Description
1.	Prefix	1 digit	A fixed start with “Pipe () symbol identifies the standard payment barcode (Pipe, represents with , is the symbol on “Back Slash” bottom.
2.	TAX ID No.	13 digits, 2-digit suffix	<ul style="list-style-type: none"> • Represent the tax identification number and the account reference number of the issuer of bill statement. • If the billing company has only one account number, tax ID is encoded and the suffix is encoded “00”. • If the billing company has several account number, tax ID is encoded and the suffix is encoded “00” “01” and “02” respectively. • The carriage return (CR) identifies the end of field.
3.	Reference No 1 / Customer No	18 digits	<ul style="list-style-type: none"> • The digits of reference number is encoded equal to the data that has been used. The maximum length does not exceed 18 digits. • The carriage return (CR) identifies the end of field.
4.	Reference No 2	18 digits	<ul style="list-style-type: none"> • The digits of reference number is encoded equal to the data that has been used. The maximum length does not exceed 18 digits. • The carriage return (CR) identifies the end of field.
5.	Amount	10 digits	<ul style="list-style-type: none"> • The total of amount length does not exceed 10 digits include the decimal number, without filling the decimal point. • In case of partial payment, the value “0” is encoded in the amount field. • The carriage return (CR) identifies the end of field.
	Total	62 digits	•

(3) Examples of Format of the Standard Payment Barcode

Post to Account.....		PAY-IN SLIP		
<input type="checkbox"/>	Bank.....	Date		
<input type="checkbox"/>	Bank.....	Member Name		
<input type="checkbox"/>	Bank.....	Card No. (Ref.1)		
<input type="checkbox"/>	Bank.....	Amount at Closing Date (Ref. 2)		
<input type="checkbox"/>	Representative company for payment.....			
Cheque No.	Date	Drawee Bank	Branch	Baht
<input checked="" type="checkbox"/> Cash	Amount in words		One Thousand Baht	1,000.00 Baht



#	Field Name	Length	Examples of Information
1.	Prefix	1 digit	
2.	TAX ID No.	13 digits	310109999999901 ↓ or
3.	Suffix	2 digits	or 310109999901 ↓ (Tax ID contains 10 digits)
4.	Reference No 1 / Customer No.	18 digits	005418781579149999 ↓
5.	Reference No 2	18 digits	00000000025062004 ↓
6.	Amount	10 digits	100000 (1,000.00 Baht)
	Total	62 digits	3100999999990 ↓ 005418781579149999 ↓ 000000000025062004 ↓ 100000

Remarks

1 The issuer of bill statement allows the payer paid partial payment, the value “0” (zero) is encoded in the amount field and the actual payment must be recorded.

2. The issuer of bill statement encodes Reference No. 1 / Customer No. without Reference No 2, the Carriage Number (CR) is encoded twice before encoding information in the next field, such as 1310109999999901↵005418781579149999↵↵100000.

3. In case of having 10 digits in the taxpayer ID, the actual number must be encoded following 2 digits suffix and the carriage return (CR) is encoded at the end of field.

3.4 Standard Payment Barcode Position on Bill Statement

3.4.1 The standard payment barcode must be printed in the lower part of the bill statement.

3.4.2 The printing of the standard payment barcode which pay via the electronic channels, the standard payment barcode must be printed in the lower right of the document.

3.4.3 Reserved areas for the standard payment barcode:

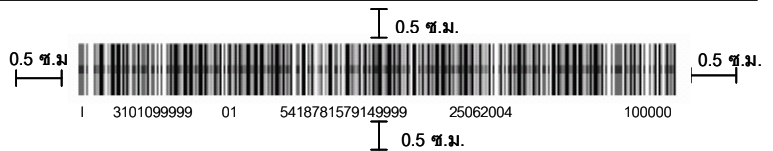
(1) The printing space of the standard payment barcode must be in white color area, without watermark or any design to enhance reading efficiency

(2) There must be space around the standard payment barcode by no less than 0.5 centimeters, without any character or sign in that area, aside from the standard payment barcode and reference number only.

(3) Other barcodes cannot be printed on both right and left side of the standard payment barcode, straight through the left and right edges.

Example of the Position for the Standard Payment Barcode Printing

Post to Account..... <input type="checkbox"/> Bank..... <input type="checkbox"/> Bank.....		PAY-IN SLIP Date		
<input type="checkbox"/> Bank..... <input type="checkbox"/> Bank..... <input type="checkbox"/> Bank.....		Member Name Card No. (Ref.1) Amount at Cclosing Date (Ref. 2)		
<input type="checkbox"/> Representative company for payment.....				
Cheque No.	Date	Drawee Bank	Branch	Baht
<input checked="" type="checkbox"/> Cash	Amount in words		One Thousand Baht	1,000.00 Baht



The space surrounding the standard payment barcode must not be less than 0.5 centimeters. There must not be any character and sign in that blank space, except the standard payment barcode and reference number only.

3.5 Responsibility

The issuer shall be responsible for accuracy of information on the bill statement.

4. Enforcement date

The Bank of Thailand Notification on the Standard Payment Barcode shall be in force from 1st February B.E. 2548 onwards.

Given on 21st September B.E. 2547.

(Signed)

(M.R. Pridiyathorn Devakula)

Governor

Bank of Thailand