

DATA SET DOCUMENT

ข้อมูลยอดคงค้างการกู้ยืมเงินตราต่างประเทศจากต่างประเทศเพื่อการลงทุนในหลักทรัพย์ต่างประเทศ (Lombard Loan)

**Document information**

Revision history

| Version number | Released Date | Effective Date | Summary of changes | Revision marks |
| --- | --- | --- | --- | --- |
| 1.0 | 6 January 2021 | 23 November 2020 | First version | No |

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# 1. Document Overview

This document provides information on the Data Sets to be submitted to the Bank of Thailand (BOT) for the Data Management System project. Most of the existing data submissions to BOT will be replaced by these Data Sets. The Data Sets will be based on the industry open standard XML (Extensible Markup Language) format, and will be electronically submitted to BOT via the BOT Electronic Report Submission system (ERS).

This document is divided into 4 major sections:

**1. Data Set Summary** section provides an overview of the Data Set(s) and specify format (i.e. XML, XLSX) and description of each Data Set.

**2. Data Set Data Element** section discusses in more details all the data elements withineach of the defined Data Set(s). For each of the data elements, we have defined a valid data type. The list of all data types can be found in the **Data Type Section**.

**3. Data Type** section, which also provides the submission format for each of the data type, as well as some sample value. There is a special kind of data elements called **Classification** data element, which is used to classify other data elements i.e. Payment Instrument, Payment Channel. Each classification data element will contain a number of possible values. For example, the possible values of Currency Id classification data element are ‘USD’, ‘JPY’, ‘THB’, etc. The list of all classifications can be found in the **Classification Document**.

**4. Schema Type and Schema Group** section, which describes schema type of each data set and also identify schema group for each data set.This sectionwill be available only when the Data Sets presented in this document are in XML format.

**Description:**

* **Granularity**: granularity of data (how detailed the data is).
* **Frequency**: frequency of data submission (how frequent each institution has to submit the data).
* **M**: mandatory field. This field cannot be blank.
* **O**: optional field. The field can contain value or blank depending on whether the institution has the data or not.
* **C**:mandatory with condition. These data are required under certain condition with other field(s).
* **Duplicated Record**: identify fields that BOT will check for duplicate records. If there are two records with identical value in these fields appeared in a data set, it will not pass basic validation.
* **Classification / View**: identify classification and view which is the possible value for each data element. **Classification** and **View** will be listed in **Classification Document.**
* **CB:** Commercial Bank includes Thai commercial banks, retail banks, foreign commercial bank’s subsidiary and foreign commercial bank’sbranch.
* **FC:** Finance Company**.**
* **CF:** Credit Foncier.
* **SFI:** Specialized Financial Institution includes Bank for Agriculture and Agricultural Cooperatives (BAAC), Government Saving Banks (GSB), Government Housing Banks (GHB), Islamic Bank of Thailand, Export-Import Bank of Thailand (EXIM), Small and Medium Enterprise Development Bank of Thailand (SME Bank), Thai Credit Guarantee ​Corporation, and Secondary Mortgage Corporation.
* **Non-FI:** Non-Financial Institution in this context means financial service provider under BOT supervision which is not classified as commercial bank, specialized financial institution, finance company and credit foncier. The example of Non-FI are credit card company, personal loan company under BOT supervision, nano finance provider under BOT supervision, e-payment service provider, money exchange agency, money transfer agency.

# 2. Data Set Summary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Data Set** | **ABBR** | **Granularity** | **Frequency** | **Description** |
|  | 1. **New Portfolio Investment Abroad**
 |  |  |  |  |
| 1 |  Lombard Loan (ข้อมูลยอดคงค้างการกู้ยืมเงินตราต่างประเทศจากต่างประเทศเพื่อการลงทุนในหลักทรัพย์ต่างประเทศ) | DS\_LBL | Monthly | Monthly | Sheet “Lombard Loan” |

# 3. Data Set Details

## 1. Data Set: Lombard Loan

ข้อมูลยอดคงค้างการกู้ยืมเงินตราต่างประเทศจากต่างประเทศเพื่อการลงทุนในหลักทรัพย์ต่างประเทศ

**Frequency: Monthly**

| **No.** | **Group** | **Data Element** | **Data Type** | **Description** | **ผู้ลงทุน/ผู้แทนการลงทุน** | **Duplicated Record** | **Classification / View** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M/O/C** |
| 1 |  | Provider Unique Id | Identification Number | รหัสผู้รายงาน | M | Y |  |
| 2 |  | Provider Unique Id Type | Classification  | ประเภทรหัสผู้รายงาน | M | Y | Unique Id Type 1/ |
| 3 |  | Provider Name | Long Name | ชื่อผู้รายงาน | M |  |  |
| 4 |  | Data Set Date | Date | วันที่ของชุดข้อมูล ใช้ปี ค.ศ. | M | Y |  |
| 5 |  | End Investor Id | Identification Number | รหัสของผู้เป็นเจ้าของเงินลงทุน | M | Y |  |
| 6 |  | End Investor Unique Id Type | Classification | ประเภทรหัสของผู้เป็นเจ้าของเงินลงทุน | M | Y | Unique Id Type 1/ |
| 7 |  | End Investor Name | Long Name | ชื่อผู้เป็นเจ้าของเงินลงทุน | M |  |  |
| 8 |  | Lender Name | Long Name | ชื่อผู้ให้กู้ในต่างประเทศ  |  M | Y |  |
| 9 |  | Country of Lender | Classification | ประเทศของผู้ให้กู้ในต่างประเทศ | M | Y | Country Id 1/ |
| 10 |  | Original Currency | Classification | สกุลเงินที่กู้ยืม | M | Y | Currency Id 1/ |
| 11 |  | Credit Facility Outstanding in Original Currency | Amount | ยอดคงค้างเงินกู้ยืมในต่างประเทศเพื่อซื้อขายหลักทรัพย์ต่างประเทศ ณ สิ้นเดือน มูลค่าตามสกุลเงินที่กู้ยืม | M |  |  |
|  |  |  |  |  |  |  |  |

หมายเหตุ:

1/ อ้างอิงจากเอกสาร DMS Classification Document

# 4. Appendix A. Data Type

| **Data Type Name** | **Data Type** | **Format** | **Remark** | **Sample** |
| --- | --- | --- | --- | --- |
| Date | Char(10) | YYYY-MM-DD | A.D. year | '2002-09-11' |
| Amount | Number(20,2) | NNNNNNNNNN.NN | No leading zeroes | '102000020.20' |
| Classification | VarChar(6) | AAAA | No leading zeroes/blanks | '12345' |
| Classification Name | VarChar(200) | AAAA | No leading zeroes/blanks |  |
| Number | Number(12) | N | No leading zeroes | '12' |
| Identification Number | VarChar(40) | AAAA | No leading zeroes/blanks | '12345' |
| Long Name | VarChar(200) | AAAA | No leading zeroes/blanks | 'XXX' |
| Short Name | VarChar(40) | AAAA | No leading zeroes/blanks | 'XXX111' |
| Description | VarChar(400) | AAAA | No leading zeroes/blanks | 'XXX111' |
| Flag | Char(1) | '1' or '0' | Only two values |  |
| Interest Rate | Number(8,5) | NNN.NNNNN | No leading zeroes | '12.50' |
| Exchange Rate | Number(12,7) | NNNNN.NNNNNNN |  |  |
| Price | Number(12,7) | NNNNN.NNNNNNN |  |  |
| FI Code | Char(3) |  | See Standard Code |  |
| Business Type | Char(7) |  | See Standard Code |  |
| Branch Code | Char(4) |  | See Standard Code |  |
| Tax Id | Number(13) |  |  |  |
| Personal Id | Number(13) |  |  |  |
| SWIFT Code | VarChar(12) |  |  |  |
| Passport Number | Char(20) |  |  |  |
| Gender Code | Char(1) | ‘M’ or ‘F’ |  |  |
| Juristic Code | VarChar(13) |  |  |  |
| Fee Rate | Number(12,5) | NNNNNNN.NNNNN |  |  |
| Conversion Rate | Number(8,5) | NNN.NNNNN | No leading zeroes |  |
| LongNameCRLF | VarChar(200) | AAAA | No leading zeroes/blanks | 'XXX' |
| Timestamp | Char(19) | YYYY-MM-DD HH:MM:SS | A.D. year and timestamp | ‘2019-01-03 15:00:00’ |