On-line Derivatives Quotation

Data File Specification

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Version 5.1

xx Aug 2020

REVISION HISTORY

Date	Version	Description
06/05/2014	4.0	**DEXSEC.csv, DEXMKT.csv, DEXCUST.csv, DEXTIME.csv** - Change file type from TEXT to CSV - Revise the content for new trading system **Add file SRP_NEWSERIES_YYYYMMDD.csv and SRP_CA_YYYYMMDD.csv**
15/02/2016	4.1	**DEXSEC.csv, DEXMKT.csv, DEXCUST.csv, DEXTIME.csv** - Add new possible value for Market, List and Segment
16/05/2016	4.2	**DEXSEC.csv and DEXMKT.csv** - Add new possible value for Segment
03/10/2016	5.0	**DEXSEC.csv, DEXMKT.csv, DEXCUST.csv** - Add new possible value for Market, List and Segment **DEXSEC.csv** - Adjust field description + Price Quotation Factor (No. 22): 6 decimal places + TRAveragePrice, TRTotalVolume & TRTotalDeal (No. 40-42): exclude EFP transactions - Add Settlement Price (THB) (No.36) for GOLD-D - Add EFPAveragePrice, EFPTotalVolume & EFPTotalDeal (No. 43-45) for Agriculture Futures - Add DeliveryVolume (No. 46) for GOLD-D - Add TenderComparison (No. 47) for GOLD-D
05/11/2018	5.1	**DEXSEC.csv and DEXMKT.csv** - Add new possible value for Segment
xx/08/2020	5.2	**DEXSEC.csv and DEXMKT.csv** - Add new possible value for Segment

TABLE OF CONTENT

Section 1: Introduction

The Exchange

The Thailand Futures Exchange Public Company Limited (TFEX) was established on May 17, 2004 and is a wholly owned subsidiary of The Stock Exchange of Thailand (SET). TFEX is governed by the Derivatives Act B.E. 2546 (2003) and is under the supervision of the Securities and Exchange Commission (SEC).

The aim of TFEX is to be a world-class derivatives exchange for the trading and hedging of Thai financial derivatives products. TFEX has launched an official operation with the SET50 Index Futures as its first contract on 28 April 2006.

Products

By law, TFEX is allowed to trade Futures, Options, and Options on Futures. The permitted underlying products include:

- Equities and other securities, e.g., securities indices;
- Debts, e.g., government bonds and interest rates on debts;
- Non-agricultural commodities and other financial indices (e.g., gold, crude oil and foreign currencies)

Document Overview

This document will describe the data file specification of TFEX's End of day trading data including Market summary classified by Investor type. Currently, the data is available in comma separated value (CSV) file format and can be downloaded from Web SET Portal (www.setportal.set.or.th). The files will be provided twice a day, first time is at 6.10 pm and the second time is at 8.30 pm BKK Time.

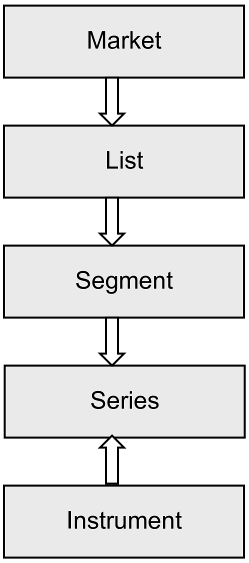
More Tips:

- To find the contract specification of the products traded in TFEX, please go through TFEX website (http://www.tfex.co.th)
- To navigate for TFEX's rules, please go through TFEX website (http://www.tfex.co.th)

TFEX Products Characteristics

a. Relationship of Series Information

The series information will include Market, List, Segment and Instrument. They will have the relationship in hierarchy as below:



	Futures	Options
Market	*TFEX Thailand Equity Index*	
List	*Index Futures*	*Index Options*
Segment	*SET50 Index Futures*	*SET50 Index Options*
Series	*E.g. S50M13, S50N13, S50Q13, S50U13*	*E.g. S50M13C1000, S50M13P1025*
Instrument	*SET50 Future (FUTURE)*	*SET50 Option (OPTION)*

Note:

1. Above table shows the sample of the products launched in TFEX, which are SET50 Index Futures, SET50 Index Options.
2. The members can see more details of products in Appendix A – Product Codes.

<u>Series Contract Month</u>

Normally, each product will consist of n contract months. Anyway, on the last trading day of the near-to-expired series, TFEX will issue and launch the new series symbol, meaning that there will be n+1 contract months of each product to be traded on that date. The day after, one series will be expired and there will be n remaining contract months as usual.

For example, SET50 Index Futures will consist of 6 contract months. On the last trading day, there will be 7 contract months of SET50 Index Futures to be traded. The day after, one series will be expired and there will be 6 remaining contract months as usual.

The members can see the contract months of each product in Appendix A – Product Codes.

SECTION 2 - TEXT FILE FORMAT

In Futures Trading, there are 6 types of format files as following details:

Type of file	File name (1st Round)	File Name (2nd Round)
1. Standard Series File	DEXSEC.csv	DEXSEC_EOD.csv
2. Market File	DEXMKT.csv	DEXMKT_EOD.csv
3. Market Trading Summary by Customer Type	DEXCUST.csv	DEXCUST_EOD.csv
4. Trading Information separate by Trading Session	DEXTIME.csv	DEXTIME_EOD.csv
5. Series Profile (New Series)	SRP_NEWSERIES_YYYYMMDD.csv	
6. Series Profile (Corporate Action)	-	SRP_CA_YYYYMMDD.csv

For all Files, Delimiter (",") is selected when they are scheduled. Fields without values are identified with 2 delimiters after each other, e.g. ",,"

1 FILE FORMAT FOR DERIVATIVES TRADING

1.1 DEXSEC.csv (Series Profile and Trading Information)

No.	Field name	Type	Remark
1	Trade date	Date	YYYY-MM-DD
2	Orderbook ID	Character	Length: 20 characters
3	Symbol	Character	Length: 32 characters
4	Market ID	Character	Length: 64 characters
5	Market Name	Character	TFEX Thailand Equity Index TFEX Thailand Single Stock TFEX Thailand Interest Rate TFEX Thailand Metal TFEX Thailand Energy TFEX Thailand Currency TFEX Thailand Agriculture TFEX Thailand Deferred Contract Length: 128 characters
6	List ID	Character	Length: 64 characters
7	List Name	Character	Index Futures Index Options Sector Index Futures Single Stock Futures Interest Rate Futures Precious Metal Futures Energy Futures Currency Futures Agriculture Futures Deferred Precious Metal Length: 128 characters
8	Segment ID	Character	Length: 64 characters

No.	Field name	Type	Remark
9	Segment Name	Character	SET50 Index Futures SET50 Index Options Bank Index Futures COMM Index Futures ENERG Index Futures FOOD Index Futures ICT Index Futures Single Stocks Futures 1 Single Stocks Futures 2 Single Stocks Futures 3 Single Stocks Futures 4 GF10 Futures GF50 Futures Gold Online Futures Silver Futures Silver Online Futures TGB5 Futures BB3 Futures TBF6 Futures Brent Crude Oil Futures USD Futures Japanese Rubber Futures RSS3 Futures RSS3D Futures GOLD-D Length: 128 characters
10	Instrument ID	Character	Length: 64 characters
11	Instrument Name	Character	Length: 128 characters
12	Underlying ID	Character	Length: 64 characters
13	Underlying Name	Character	Length: 128 characters
14	Options Type	Character	For Options: C – Call Options P – Put Options For Futures: This field will be null.
15	Strike Price	Numeric	For Futures this field will be null
16	First Trade Date	Date	YYYY-MM-DD
17	Last Trade Date	Date	YYYY-MM-DD

No.	Field name	Type	Remark
18	Last Trade Time	Character	HH:MM:SS.SSS
19	Valid From Date	Date	YYYY-MM-DD
20	Valid To Date	Date	YYYY-MM-DD
21	Contract Size	Numeric	This value will be 2 decimal places.
22	Price Quotation Factor	Numeric	- If there is CA, it will be Price Quotation Factor before CA process. - This value will be 6 decimal places.
23	Currency	Character	- For GOLD-D: USD - For other products: THB
24	Status	Character	If series is halt, display halted reason. If not, it will be null. Length: 32 characters
25	Opening Price	Numeric	- If there is no trade, it will be null. - This value will be 6 decimal places.
26	Highest Price	Numeric	- If there is no trade, it will be null. - This value will be 6 decimal places.
27	Lowest Price	Numeric	- If there is no trade, it will be null. - This value will be 6 decimal places.
28	Closing Price	Numeric	- If there is no trade, it will be null. - This value will be 6 decimal places.
29	Prior Closing Price	Numeric	- For first trading day, it will be null. - This value will be 6 decimal places.
30	Prior Closing Date	Date	YYYY-MM-DD
31	Prior Settlement Price	Numeric	- For first trading day and expired day, it will be null. - Prior Settlement Price of the corporate action effective day will be adjusted. - This value will be 6 decimal places.
32	Settlement Price	Numeric	- Although there are no trades of any series in the day, its settlement price is still recalculated and sent out every day (not be zero). - This value will be 6 decimal places.
33	Prior Reference Price	Numeric	- Reference price from prior settlement price. - Although there are no trades of any series in the day, its reference price is still recalculated and sent out every day (not be zero). - This value will be 6 decimal places.
34	Change	Numeric	- Compare settlement price to prior reference price. - At the Valid To Date, change and % change of options will not be calculated. - This value will be 6 decimal places.

No.	Field name	Type	Remark
35	%Change	Numeric	- Compare settlement price to prior reference price. - At the Valid To Date, change and % change of options will not be calculated. - This value will be 2 decimal places.
36	Settlement Price (THB)	Numeric	- This value is settlement price in Thai Baht currency. - This value is only available for GOLD-D. (This field will be null for other products) - Although there are no trades in the day, its settlement price is still recalculated and sent out every day (not be zero). - This value will be 6 decimal places.
37	AOMAveragePrice	Numeric	This value will be 6 decimal places.
38	AOMTotalVolume	Numeric	
39	AOMTotalDeal	Numeric	
40	TRAveragePrice	Numeric	- This value will be 6 decimal places. - Exclude EFP transactions
41	TRTotalVolume	Numeric	- Exclude EFP transactions
42	TRTotalDeal	Numeric	- Exclude EFP transactions
43	EFPAveragePrice	Numeric	- This value will be 6 decimal places.
44	EFPTotalVolume	Numeric	
45	EFPTotalDeal	Numeric	
46	DeliveryVolume	Numeric	For GOLD-D: - This value will only be available in 8.30 pm file (second round), this value will be null in 6.10 pm file (first round). For other products: This field will be null.
47	TenderComparison	Character	For GOLD-D: L = Long Tender < Short Tender S = Short Tender < Long Tender B = Balance - This value will only be available in 8.30 pm file (second round), this value will be null in 6.10 pm file (first round). For other products: This field will be null.
48	Open Interest	Numeric	
49	Best bid price	Numeric	- If there is no bid price, it will be zero. - This value will be 6 decimal places.
50	Best ask price	Numeric	- If there is no ask price, it will be zero. - This value will be 6 decimal places.

Remark:

1. Open Interest indicated in ODQ file at 6.10 pm, refers to number of cumulative outstanding contracts as of previous business day (include night session trading). Open Interest indicated in ODQ file at 8.30 pm, refers to number of cumulative outstanding contracts as of current trading day.
2. AOM = Automated Order Matching

   TR = Trade Report means the transaction that is already confirmed between Seller and Buyer and then submit to TFEX's Trading system
3. For instruments that are allowed to trade during night session, "Trade date" starts from 7.15pm of the previous business day.
4. Last Trade Date is the last business date that instruments are allowed to trade. For all instruments except for Brent Crude Oil Futures, instruments are allowed to trade until 4.55pm of that business day. For Brent Crude Oil Futures, instruments are allowed to trade until 10.30pm of that business day.
5. For series that have corporate action, Prior Settlement Price of the corporate action effective day will be adjusted and may not be the same as Settlement Price of the previous day.
6. SET will present TenderComparison information as Deferred Charge Receiver as below;

TenderComparison	Deferred Charge Receiver
L	Short
S	Long
B	None

1.2 DEXMKT.csv (Market Trading Information)

No.	Field name	Type	Remark
1	Trade Date	Date	YYYY-MM-DD
2	Market ID	Character	Length: 64 characters
3	Market Name	Character	TFEX Thailand Equity Index TFEX Thailand Single Stock TFEX Thailand Interest Rate TFEX Thailand Metal TFEX Thailand Energy TFEX Thailand Currency TFEX Thailand Agriculture TFEX Thailand Deferred Contract Length: 128 characters
4	List ID	Character	Length: 64 characters
5	List Name	Character	Index Futures Index Options Sector Index Futures Single Stock Futures Interest Rate Futures Precious Metal Futures Energy Futures Currency Futures Agriculture Futures Deferred Precious Metal Length: 128 characters
6	Segment ID	Character	Length: 64 characters

No.	Field name	Type	Remark
7	Segment Name	Character	SET50 Index Futures SET50 Index Options Bank Index Futures COMM Index Futures ENERG Index Futures FOOD Index Futures ICT Index Futures Single Stocks Futures 1 Single Stocks Futures 2 Single Stocks Futures 3 Single Stocks Futures 4 GF10 Futures GF50 Futures Gold Online Futures Silver Futures Silver Online Futures TGB5 Futures BB3 Futures TBF6 Futures Brent Crude Oil Futures USD Futures Japanese Rubber Futures RSS3 Futures RSS3D Futures GOLD-D Length: 128 characters
8	Instrument ID	Character	Length: 64 characters
9	Instrument Name	Character	Length: 128 characters
10	Options Type	Character	For Options: C – Call Options P – Put Options For Futures: This field will be null.
11	TotalVolume	Numeric	AOM Volume + TR Volume
12	TotalDeal	Numeric	AOM Deal + TR Deal
13	OpenInterest	Numeric	

Remark:

1. Open Interest indicated in ODQ file at 6.10 pm, refers to number of cumulative outstanding contracts as of previous business day (include night session trading). Open Interest indicated in ODQ file at 8.30 pm, refers to number of cumulative outstanding contracts as of current trading day.
2. In the file: DEXMKT.CSV, there are the trading summary of Exchange and the trading summary of each Instrument Class.
3. For instruments that are allowed to trade during night session, "Trade date" starts from 7.15pm of the previous business day.

   Example :

Trade Date	Market	List	Segment	Instrument	Options Type	Total Vol.	Total Deal	OI
2013-03-29						55	55	550
2013-03-29	TXI	Index Futures	SET50 Index Futures	SET50 Index Futures		1	1	10
2013-03-29	TXI	Sector Index Futures	Bank Index Futures	Bank Index Futures		2	2	20
2013-03-29	TXI	Index Options	SET50 Index Options	SET50 Index Options	C	3	3	30
2013-03-29	TXM	Metal Futures	GF50 Futures	GF50 Futures		4	4	40
2013-03-29	TXE	Energy Futures	Brent Crude Oil Futures	Brent Crude Oil Futures		5	5	50
2013-03-29	TXR	Interest Rate Futures	BB3 Futures	BB3 Futures		6	6	60
2013-03-29	TXC	Currency Futures	USD Futures	USD Futures		7	7	70
2013-03-29	TXR	Interest Rate Futures	TBF6 Futures	TBF6 Futures		8	8	80
2013-03-29	TXS	Single Stocks Futures	Single Stocks Futures 1	PTT Futures		9	9	90
2013-03-29	TXS	Single Stocks Futures	Single Stocks Futures 2	AP Futures		10	10	100

1.3 **DEXCUST.csv (Market Trading Summary classified by customer type)**

No.	Field name	Type	Remark
1	Trade date	Date	YYYY-MM-DD
2	Market ID	Character	Length: 64 characters
3	Market Name	Character	TFEX Thailand Equity Index TFEX Thailand Single Stock TFEX Thailand Interest Rate TFEX Thailand Metal TFEX Thailand Energy TFEX Thailand Currency TFEX Thailand Agriculture TFEX Thailand Deferred Contracts Length: 128 characters
4	List ID	Character	Length: 64 characters
5	List Name	Character	Index Futures Index Options Sector Index Futures Single Stock Futures Interest Rate Futures Precious Metal Futures Energy Futures Currency Futures Agriculture Futures Deferred Precious Metal Length: 128 characters
6	Options Type	Character	For Options: C – Call Options P – Put Options For Futures: This field will be null.
7	BuyVolumeInstitute	Numeric	
8	BuyVolumeForeign	Numeric	
9	BuyVolumeCustomer	Numeric	
10	SellVolumeInstitute	Numeric	
11	SellVolumeForeign	Numeric	
12	SellVolumeCustomer	Numeric	
13	TotalVolume	Numeric	(Must equals TotalVolume in DEXMKT.TXT)

No.	Field name	Type	Remark
14	BuyVolumeInstitutePtg	Numeric	- This value will be 2 decimal places.
15	BuyVolumeForeignPtg	Numeric	- This value will be 2 decimal places.
16	BuyVolumeCustomerPtg	Numeric	- This value will be 2 decimal places.
17	SellVolumeInstitutePtg	Numeric	- This value will be 2 decimal places.
18	SellVolumeForeignPtg	Numeric	- This value will be 2 decimal places.
19	SellVolumeCustomerPtg	Numeric	- This value will be 2 decimal places.

Remark:

1. Please note that DEXCUST.CSV at 6.10 pm is preliminary information only. The official information will be available at 8.30 pm. The member who uses and distributes DEXCUST.CSV file at 6.10 pm to the clients, please notes to your clients that such information is preliminary information only. However, it is recommended to re-download DEXCUST.CSV again at 8.30 pm to update your database.
2. In the file: DEXCUST.CSV, there are the trading summary of exchange and the trading summary of each List
3. For instruments that are allowed to trade during night session, “Trade date” starts from 7.15pm of the previous business day.

   Example :

Trade Date	Market	List	Options Type	BuyVolume Institute	BuyVolume Foreign	BuyVolume Customer	...
2013-03-29				70	60	50	
2013-03-29	TXI	Index Futures		13	7	5	
2013-03-29	TXI	Sector Index Futures		5	6	7	
2013-03-29	TXI	Index Options	Call	8	5	9	
2013-03-29	TXI	Index Options	Put	10	10	10	
2013-03-29	TXM	Metal Futures		12	4	8	
2013-03-29	TXE	Energy Futures		7	3	5	
2013-03-29	TXR	Interest Rate Futures		2	5	1	
2013-03-29	TXC	Currency Futures		9	10	5	
2013-03-29	TXI	Interest Rate Futures		4	10	0	

1.4 **DEXTIME.csv (Trading Information separated by Trading Session)**

No.	Field name	Type	Remark
1	Trade date	Date	YYYY-MM-DD
2	Orderbook ID	Character	Length: 20 characters
3	Symbol	Character	Length: 32 characters
4	Trading Session	Character	N – Night Session D – Day Session
5	Status	Character	If series is halt, display halted reason. If not, it will be null. Length: 32 characters
6	Opening Price	Numeric	- If there is no trade, it will be null. - This value will be 2 decimal places.
7	Highest Price	Numeric	- If there is no trade, it will be null. - This value will be 2 decimal places.
8	Lowest Price	Numeric	- If there is no trade, it will be null. - This value will be 2 decimal places.
9	Closing Price	Numeric	- If there is no trade, it will be null. - This value will be 2 decimal places.
10	AOMAveragePrice	Numeric	- This value will be 2 decimal places.
11	AOMTotalVolume	Numeric	
12	AOMTotalDeal	Numeric	

Remark:

1. For instruments that are allowed to trade during night session, “Trade date” starts from 7.15pm of the previous business day.
2. AOM= Automated Order Matching

1.5 **SRP_NEWSERIES_YYYYMMDD.csv (Series profile for new series)**

No.	Field name	Type	Remark
1	Market ID	Character	Length: 64 characters E.g. TXI, TXS, TXM
2	List ID	Character	Length: 64 characters E.g. TXI_IF, TXI_IO
3	Segment ID	Character	Length: 128 characters E.g. TXI_IF_S50IF, TXI_IO_S50IO
4	Instrument ID	Character	Length: 64 characters
5	OrderBook ID	Character	Length: 20 characters
6	Event	Character	0 = Movement in underlying price or replacement of expired series 1 = Corporate Action
7	Previous Short Name	Character	For Event = 0, this field will be null For Event = 1, this field will be shown for example: SET50 Index Futures: i.e. S50H07 Length: 32 characters
8	New Short Name	Character	For Event = 0, this field will be shown for example: SET50 Index Futures: i.e. S50H07 For Event = 1, this field will be shown for example: Stock Futures: i.e. XYZH08X Length: 32 characters
9	First Trade Date	Date	YYYY-MM-DD
10	Last Trade Date	Date	YYYY-MM-DD
11	Expired Date	Date	YYYY-MM-DD
12	Reference Price	Numeric	This value will be 6 decimal places.
13	Price Quotation Factor	Numeric	
14	Contract Size	Numeric	
15	Strike Price	Numeric	
16	Options Type	Character	0 = Not Applicable (Futures) 1 = Call 2 = Put
17	Options Style	Character	0 = Not Applicable (Futures) 1 = American 2 = European
18	Physical Delivery	Character	1= Yes 2= No 3= Both

Remark:

1. SRP_NEWSERIES contains only new series for the next day in any cases except corporate action case.
2. SRP_NEWSERIES at 6.10 pm and 8.30 pm will be the same file, nothing will be updated.
3. This file contains header and detail as below
   a. Line 1: Generate Date (YYYY-MM-DD), Time (HH:MM), Total detail record
   b. Line 2: Header (field name and separate by comma)
   c. Line 3-n: detail (separate by comma)
4. If there is no new series, this file will be contained only header section.

1.6 **SRP_CA_YYYYMMDD.csv (Series profile for corporate action)**

No.	Field name	Type	Remark
1	Market ID	Character	Length: 64 characters E.g. TXI, TXS, TXM
2	List ID	Character	Length: 64 characters E.g. TXI_IF, TXI_IO
3	Segment ID	Character	Length: 128 characters E.g. TXI_IF_S50IF, TXI_IO_S50IO
4	Instrument ID	Character	Length: 64 characters
5	OrderBook ID	Character	Length: 20 characters
6	Event	Character	0 = Movement in underlying price or replacement of expired series 1 = Corporate Action
7	Previous Short Name	Character	For Event = 0, this field will be null For Event = 1, this field will be shown for example: SET50 Index Futures: i.e. S50H07 Length: 32 characters
8	New Short Name	Character	For Event = 0, this field will be shown for example: SET50 Index Futures: i.e. S50H07 For Event = 1, this field will be shown for example: Stock Futures: i.e. XYZH08X Length: 32 characters
9	First Trade Date	Date	YYYY-MM-DD
10	Last Trade Date	Date	YYYY-MM-DD
11	Expired Date	Date	YYYY-MM-DD
12	Reference Price	Numeric	This value will be 6 decimal places.
13	Price Quotation Factor	Numeric	
14	Contract Size	Numeric	
15	Strike Price	Numeric	
16	Options Type	Character	0 = Not Applicable (Futures) 1 = Call 2 = Put
17	Options Style	Character	0 = Not Applicable (Futures) 1 = American 2 = European
18	Physical Delivery	Character	1= Yes 2= No 3= Both

Remark:

1. SRP_CA contains only series that have corporate action case.
2. SRP_CA will not be sent out at 6.10 pm but will be sent out only at 8.30 pm.
3. This file contains header and detail as below
    a. Line 1: Generate Date (YYYY-MM-DD), Time (HH:MM), Total detail record
    b. Line 2: Header (field name and separate by comma)
    c. Line 3-n: detail (separate by comma)
4. If there is no new series, this file will be contained only header section.

Appendix A – Product Codes

No.	Products	Market ID	List ID	Segment ID	Instrument ID	Underlying	Number of Contract Month	Series Name Example
1.	SET50 Index Futures	TXI	IF	S50IF	SET50_FUT	SET50	6 contract months for 3 nearest months, plus the next 3 quarterly months	S50X12, S50Z12, S50F13, S50H13, S50M13, S50U13
2.	SET50 Index Options	TXI	IO	S50IO	SET50_OPT	SET50	4 contract months for 3 nearest months, plus the next quarterly months	S50H07C500 S50H07P510
3.	Sector Index Futures							
	➢ BANK Sector Index Futures	TXI	SIF	BANKF	BANK_FUT	BANK	4 contracts months for March, June, September, December up to 4 quarters	BANKZ12, BANKH13
	➢ ICT Sector Index Futures	TXI	SIF	COMMF	ICT_FUT	ICT		ICTZ12, ICTH13
	➢ FOOD Sector Index Futures	TXI	SIF	ENERGF	FOOD_FUT	FOOD		FOODZ12, FOODH13
	➢ ENERG Sector Index Futures	TXI	SIF	FOODF	ENERG_FUT	ENERG		ENERGZ12, ENERGH13
	➢ COMM Sector Index Futures	TXI	SIF	ICTF	COMM_FUT	COMM		COMMZ12, COMMH13
4.	Metal Futures							
	➢ 50 Baht Gold Futures	TXM	PMF	GF50	GF50_FUT	GOLD50	3 nearest even contract month in Feb, Apr, Jun, Aug, Oct and Dec	GFM08, GFQ08, GFV08

TFEX
Thailand Futures Exchange

No.	Products	Market ID	List ID	Segment ID	Instrument ID	Underlying	Number of Contract Month	Series Name Example
	➢ 10 Baht Gold Futures	TXM	PMF	GF10	GF10_FUT	GOLD10		GF10Q10, GF10V10, GF10Z10
	➢ Silver Futures	TXM	PMF	SVF	SV_FUT	SILVER		SVJ11, SVM11
	➢ Gold Online Futures	TXM	PMF	GOF	GO_FUT	GOLD-O	1 nearest quarter months on Mar, Jun, Sep and Dec	GOU18, GOZ18
	➢ Silver Online Futures	TXM	PMF	SOF	SVF_FUT	SILVER-O	1 nearest quarter months on Mar, Jun, Sep and Dec	SVFZ20, SVFH21
5.	Energy Futures	TXE	EF	BRF	BRENT_FUT	BRENT	3 nearest consecutive months	BRU11, BRV11, BRX11
6.	Interest Rate Futures							
	➢ 5Y Gov Bond Futures	TXR	IRF	TGB5F	TGB5_FUT	TGB5	2 nearest quarter months on Mar, Jun, Sep and Dec	TGB5Z10
	➢ 3M BIBOR Futures	TXR	IRF	BB3F	BB3_FUT	BB3		BB3Z10
7.	Currency Futures	TXC	CF	USDF	USD_FUT	USD	3 consecutive months and the one nearest quarter's month	USDJ12, USDK12, USDM12
8.	Stock Futures							
	➢ Stock Futures 1	TXS	SF	SSF	*<Stock Symbol_FUT>* i.e. ABC_FUT	*<Stock Symbol>* i.e. ABC	4 contract months for every quarter ending in Mar, Jun, Sep and Dec	*ABCH08*, *ABCH08X* (Series Name after corporate action adjustment)
	➢ Stock Futures 2	TXS	SF	SSF2	*<Stock Symbol_FUT>* i.e. ABC_FUT	*<Stock Symbol>* i.e. ABC	4 contract months for every quarter ending in Mar, Jun, Sep and Dec	*ABCH08*, *ABCH08X* (Series Name after corporate action adjustment)

No.	Products	Market ID	List ID	Segment ID	Instrument ID	Underlying	Number of Contract Month	Series Name Example
	➢ Stock Futures 3	TXS	SF	SSF3	*<Stock Symbol_FUT>* i.e. ABC_FUT	*<Stock Symbol>* i.e. ABC	4 contract months for every quarter ending in Mar, Jun, Sep and Dec	*ABCH08, ABCH08X* (Series Name after corporate action adjustment)
	➢ Stock Futures 4	TXS	SF	SSF4	*<Stock Symbol_FUT>* i.e. ABC_FUT	*<Stock Symbol>* i.e. ABC	4 contract months for every quarter ending in Mar, Jun, Sep and Dec	*ABCH08, ABCH08X* (Series Name after corporate action adjustment)
9.	Agriculture Futures							
	➢ Japanese Rubber Futures	TXA	AF	JRFF	JRF_FUT	JRF	6 nearest consecutive months	JRFZ20, JRFF21
	➢ RSS3 Futures	TXA	AF	RSS3F	RSS3_FUT	RSS3	7 nearest consecutive months	RSS3F16, RSS3G16, RSS3H16
	➢ RSS3D Futures	TXA	AF	RSS3DF	RSS3D_FUT	RSS3D	7 nearest consecutive months	RSS3DF16, RSS3DG16, RSS3DH16
10.	GOLD-D	TXD	DPM	GD	GOLD_DE	GOLD-D	1 nearest quarterly month	GDU16, GDZ16