

Data File Specification



On-line Asset Quotation

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Version 3.5.4

07 Jun 2019

REVISION HISTORY




Date	Version	Effective Date	Description
30-Dec-2011	3.0	3-Sep-2012	Revised the content of SET, mai to make it clear and updated for New Trading System
15-Feb-2013	3.0.1	2-May-2013	Add Possible Value for Benefit
03-Dec-2013	3.0.2	2-Jan-2014	<ul style="list-style-type: none"> - Adjusted Sector Name of Sector Number 11, 12 - Adjusted Sector Name & Symbol of Sector Number 33 - Add Sector Number 35 = CONS
24-Oct-2014	3.0.3	5-Jan-2015	Industry Reclassification for mai Market <ul style="list-style-type: none"> - Cancelled MAIIND Industry (Industry No. 55) and MEDSIZE Sector (Sector No. 51) - Add New Industry and Sector for mai (8 Industries, 8 Sectors)
15-Nov-2014	3.1	16-Feb-2015	Adjust RINDEX.CSV and MAIRIDX.CSV <ul style="list-style-type: none"> - Change name to INDEX.CSV and MAIINDEX.CSV - Add Open, High, Low and Prior Index
20-Apr-2015	3.2	15-Jun-2015	Adjust ASTSEC.CSV, MAISEC.CSV <ul style="list-style-type: none"> - Add description of possible value for security posted with SP sign more than 1 year. <ul style="list-style-type: none"> o Field Change Price o Field P/E o Field P/BV o Field Dividend Yield o Field Market Capitalization
30-Sep-2016	3.4	04-Jan-2017	File Index.csv <ul style="list-style-type: none"> - Add Possible Value for sSET Index
02-Oct-2017	3.4.1	02-Jul-2018	File Index.csv <ul style="list-style-type: none"> - Add Possible Value for SETCLMV Index
19-Jan-2018	3.5	02-Jul-2018	File ASTSEC.csv, MAISEC.csv, SU.CSV <ul style="list-style-type: none"> - Add Possible Value for Notice
19-Jan-2018	3.5.1	02-Jul-2018	File Index.csv <ul style="list-style-type: none"> - Add Possible Value for SET THSI Index
04-Jun-2018	3.5.2	02-Jul-2018	File su.csv <ul style="list-style-type: none"> - Add Possible Value of field Halt/Suspension
21-Nov-2018	3.5.3	01-Apr-2019	File Index.csv <ul style="list-style-type: none"> - Add Possible Value for SET Well-Being Index
05-Jun-2019	3.5.4	07-Jun-2019	File astsec.csv, maisec.csv <ul style="list-style-type: none"> - Adjusted description of possible value for security posted with SP sign more than 1 year to be 3 months. <ul style="list-style-type: none"> o Field Change Price o Field P/E o Field P/BV o Field Dividend Yield o Field Market Capitalization

TABLE OF CONTENT

SECTION 1 - TEXT FILE FORMAT	4
1.1 FILE FORMAT FOR EQUITY TRADING IN "SET" and "mai"	5
1. ASTSEC.CSV / MAISEC.CSV	5
2. INDEX.CSV / MAIINDEX.CSV	9
3. MKTSTAT.CSV.....	10
4. TRADSUM.CSV / MAITSUM.CSV	11
5. SU.CSV.....	12
1.2 FILE FORMAT FOR BOND TRADING	14
1. BNDSEC.TXT.....	14
2. BNDSECX.TXT.....	18
3. BNDRIDX.TXT.....	19
4. BNDTSUM.TXT.....	21
5. BNDSU.MSG.....	22
APPENDIX 1: INDUSTRY AND SECTOR CLASSIFICATION	24

SECTION 1 - TEXT FILE FORMAT

In OAQ Service, there are three groups of information classified by market type (SET, MAI and BOND) as per below details:

Type of file	ASSET (SET)  <small>The Stock Exchange of Thailand</small>	mai  <small>Market for Alternative Investment</small>	BOND  <small>Bond Electronic Exchange</small>
1. Standard Security File	ASTSEC.CSV	MAISEC.CSV	BNDSEC.TXT BNDSEEX.TXT
2. Index File	INDEX.CSV	MAIINDEX.CSV	BNDRIDX.TXT
3. Market Statistics	MKTSTAT.CSV	MKTSTAT.CSV	-
4. Trading summary by customer group	TRADSUM.CSV	MAITSUM.CSV	BNDTSUM.TXT
5. Security Update Message	SU.CSV	SU.CSV	BNDSU.MSG

1.1 FILE FORMAT FOR EQUITY TRADING IN "SET" and "mai"

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

1. ASTSEC.CSV / MAISEC.CSV

No.	Field Name	Type	Remark
1	Trade Date	Date	YYYY-MM-DD
2	Order Book ID	Numeric	
3	Security Symbol	Character	The maximum length : 20 characters
4	Is Odd lot	Character	Y = Odd Lot N = Round Lot
5	Par value	Numeric	
6	Security type	Character	Security Type F = Foreign Common Stock J = Convertible Preferred L = ETF P = Preferred Q = Preferred Foreign R = Transferable Subscription Right S = Common Stock T = Unit Trust Foreign U = Unit Trust V = Derivatives Warrant W = Warrant X = Depository Receipt Y = Depository Receipt Foreign
7	Industry number	Numeric	
8	Sector number	Numeric	
9	Subsector number	Numeric	"0"
10	Index name	Character	For Common Stock and Foreign Common Stock, Index Name is Sector Full Name. For other security type , Index Name is blank. The maximum length : 50 characters
11	Prior close price	Numeric	Should be blank if no trades during the day
12	Prior close date	Date	YYYY-MM-DD
13	Opening price	Numeric	
14	Highest price	Numeric	
15	Lowest price	Numeric	
16	Last traded price	Numeric	Should be blank if no trades during the day
17	Last best bid price	Numeric	Best bid after closing
18	Last best offer price	Numeric	Best offer after closing
19	Change price	Numeric	Change of last trade price compared to prior close price. "0.00" = if Prior Close Price = 0.00 ; for Example:- a) a security posted with SP sign more than 1-year 3 months and then resumed trading. b) The first trading day of Newlisted security which has no IPO price. c) The first trading day of Newlisted security resulting from the merger of existing securities.
20	Board lot	Numeric	
21	AOM volume	Numeric	
22	AOM value	Numeric	
23	AOM number of trades	Numeric	

No.	Field Name	Type	Remark
24	Trade report volume	Numeric	
25	Trade report value	Numeric	
26	Trade report number of trades	Numeric	
27	Average price	Numeric	Average price of AOM only = VWAP price (Trade Reports are excluded)
28	Short-sale volume	Numeric	
29	Short-sale value	Numeric	Short-Sale Volume * price for trades with isShortSell
30	Avg. Short-sale price	Numeric	Value from shortSell trades divided by volume of short sell trades
31	Benefit	Character	Benefit flag, e.g. "XD" = Ex-Dividend "XN" = Ex-Capital Return "XR" = Ex-Right "XS" = Ex-Short-term Warrant "XT" = EX-TSR "XW" = Ex-Long-term Warrant "XB" = Ex-Other Benefit "XA" = More than 1 Flag
32	NonCompliant flag	Character	Y = non-compliant otherwise N
33	Stabilization flag	Character	Y = stabilized otherwise N
34	Halt/ Suspension	Character	Halt/ Suspension , e.g. " " HALT SUSPEND
35	Notice	Character	" " = No Flag NP = notice pending NR = notice received C = Caution Flag NPC = Notice Pending and Caution Flag NRC = Notice Received and Caution Flag
36	NPG Flag	Character	Y = NPG otherwise N
37	Suspend Date	Date	First trading date to be hold suspend sign YYYY-MM-DD
38	Book value	Numeric	For PF&REIT, Infrastructure Fund, ETF or unit trust, it means NAV
39	Earning per share	Numeric	For PF&REIT, Infrastructure Fund, ETF or unit trust, it will show "N.A."
40	Earning period	Numeric	3 = For 3-months period 6 = For 6-months period 9 = For 9-months period 12 = For annual period
41	Earning Date	Date	YYYY-MM-DD
42	Dividend per share	Numeric	
43	Dividend period	Numeric	3 = For 3-months period 6 = For 6-months period 9 = For 9-months period 12 = For annual period
44	Dividend flag	Character	@ = Special Dividend, Specify Date \$ = Special Dividend, Not Specify Date & = Normal + Special Dividend

No.	Field Name	Type	Remark
45	Dividend Date	Date	YYYY-MM-DD
46	PE ratio	Numeric	P/E Ratio "N.A." = if P/E is negative. "" = P/E is not calculated; for example:- a) a security posted with SP sign more than ±year 3 months b) PF&REIT, Infrastructure Fund, ETF and UnitTrust.
47	PE flag	Character	" " = Normal "L" = Last Annual Account
48	P/BV (Price per Book Value)	Numeric	P/BV "N.A." = if P/BV is negative. "" = P/BV is not calculated; for example:- for a security posted with SP sign more than ±year 3 months For PF& REIT, Infrastructure Fund, ETF or unit trust, it means P/NAV
49	Dividend Yield	Numeric	Dividend Yield 0.00 = Dividend Yield is not calculated; for example:- a) a security which has no cash dividend payment b) a security posted with SP sign more than ±year 3 months
50	Listed shares	Numeric	
51	Last Trading Date	Date	YYYY-MM-DD
52	Market Capitalization	Numeric	Unit : Baht 0.00 = Market Cap. is not calculated; for example:- for a security posted with SP sign more than ±year 3 months
53	Currency	Character	Currency abbreviation of Par Value, Book Value, Earning per Share and Dividend per Share. i.e. THB Length : 3 Characters
54	ISIN Code	Character	Length : 14 Characters
55	ISIN Code (NVDR)	Character	Length : 14 Characters
56	ISIN Code (Thai Trust Fund)	Character	Length : 14 Characters

Remark

- Field No. 41-52 and 55 have value only for Security type (Field No. 6) is "S", "U" or "L" (common stock, unit trust or ETF) and Is Odd Lot (Field No. 4) is "N"
- Listed Share (Field No. 53), Last Trading Date (Field No. 54), and Currency (Field No. 56) of foreign stock are equal to those of common stocks which Is Odd Lot (Field No. 4) is "N".
- Last best bid price (Field No. 17), Last best offer price (Field No. 18) showed blank means the best bid/offer at the end of day is still ATO/ATC because the security is halted/suspended during Pre-Open or Pre-Close session until market close and the market orders during those periods are not cancelled.
- Current version : no sector, industry information for foreign stock
New version : foreign stock and odd stock will have sector and industry information (which vendors might ignore if they want to display data like the current version)
- Effective 3 September 2012 , the information related to Price, Par Value, Volume, Change, Statistic Value will be provided with 2 or up to 5 decimal digits, as per the below table;

Field	No. Decimal Digits provided
"Price and Trading Value" filed	The information will be provided with 2 or up to 5 decimal digits

Field	No. Decimal Digits provided
"Par Value" field	The information will be provided with 5 decimal digits.
"Volume or number of shares" filed	The information will be provided as no. of shares. In case there is no trading on that day, the information will be provided as zero '0'
"Percentage" field	The information will be provided with 2 decimal digits.
Dividend Per share and Earning Per Share field	The information will be provided with 2 or up to 5 decimal digits
"Others Statistic Value" filed	The information will be provided with 2 decimal digits.

Note: for the information with more than 2 decimal digits, the member can consider displaying such information with only 2 digits normally.

6. SET would ask the members a cooperation to display "-" or N/A, when the trading and statistic data of the mentioned securities are "0.00" or Blank on the first resumed trading date.

7. INDEX.CSV / MAIINDEX.CSV

No.	Field Name	Type	Remark
1	Trade Date	Date	YYYY-MM-DD
2	Industry Number	Numeric	Industry Code if the Index is an Industry index or a Sector index Otherwise "0"
3	Sector Number	Numeric	Sector Code if the Index is a Sector index Otherwise "0"
4	Subsector Number	Numeric	"0"
5	Index Name	Character	Index Name, e.g. SET Index = SET SET50 Index = SET50 SET100 Index = SET100 SETHD Index = SETHD SET CLMV Index = SETCLMV SET THSI Index = SETTHSI SET Well-Being Index = SETWB MAI Index = MAI Length : 10 characters
6	Index value	Numeric	Last Index Value (Closing)
7	Change Index	Numeric	Change of index from the previous trading day (previous closing index)
8	High Index	Numeric	Highest index value of the day
9	Low Index	Numeric	Lowest index value of the day
10	Prior Index	Numeric	Index value of prior trading day
11	Open Index	Numeric	First index value of the day
12	Volume	Numeric	For SET & mai, volume is total market volume For Other indices, volume is total index volume
13	Value	Numeric	For SET & mai, value is total market value For Other indices, value is total index value
14	PE ratio	Numeric	P/E ratio will show "0.00" if P/E is negative or more than 99,999.99 or no Value.
15	P/BV (Price/Book Value)	Numeric	If no value, it will show "N.A."
16	Dividend Yield	Numeric	
17	Market Capitalization	Numeric	Million Baht

Remarks :

- Effective on 3 September 2012, the information related to Index Value and Change of Index Value will be provided with 2 decimal digits.
- High Index, Low Index, Prior Index and Open Index effective on 16 February 2015.

8. MKTSTAT.CSV

No.	Field Name	Type	Remark
1	Trade Date	Date	YYYY-MM-DD
2	Market Name	Character	SET (include SET-Oddlot) mai (include mai-Oddlot)
3	Total Trades	Numeric	Total Number of trades for the market
4	Total Volume Trades	Numeric	Total market volume (turnover volume)
5	Total Value Trades	Numeric	Total market value (turnover)
6	Up Volume	Numeric	Total volume of securities traded with a positive price change
7	Down Volume	Numeric	Total volume of securities traded with a negative price change
8	No change Volume	Numeric	Total volume of securities traded with a unchanged price change
9	Up Shares	Numeric	No. of securities traded with a positive price change
10	Down Shares	Numeric	No. of securities traded with a negative price change
11	No Change Shares	Numeric	No. of securities traded with a unchanged price change

Remarks:

- In the file: MKTSTAT.CSV, there are two records, one for the SET market (including the oddlot market) and another one for the mai market (including the oddlot market).
- Effective on 3 September 2012, the information related to Price, Value will be provided with 2 or up to 5 decimal digits; the member can consider displaying such information with only 2 digits normally.
- Effective on 3 September 2012, Volume information will be provided as the no. of shares. In case there is no trade on that day, the information will be provided as '0' (zero)

9. TRADSUM.CSV / MAITSUM.CSV

No.	Field Name	Type	Remark
1	Start_Date	Date	Starting date of data summary YYYY-MM-DD
2	End_Date	Date	End date of data summary YYYY-MM-DD
3	Buy_Institute	Numeric	Buying value of institutional investors (Thousand Bath)
4	Buy_Foreign	Numeric	Buying value of foreign investors (Thousand Bath)
5	Buy_Customer	Numeric	Buying value of local investors (Thousand Bath)
6	Buy_Proprietary	Numeric	Buying value of proprietary trading (Thousand Bath)
7	Sell_Institute	Numeric	Selling value of institutional investors (Thousand Bath)
8	Sell_Foreign	Numeric	Selling value of foreign investors (Thousand Bath)
9	Sell_Customer	Numeric	Selling value of local investors (Thousand Bath)
10	Sell_Proprietary	Numeric	Selling value of proprietary trading (Thousand Bath)
11	Total	Numeric	Total value of all trades, PT trades included (Thousand Bath)
12	Buy_Institute_P	Numeric	Percent of buying value of institutional investors
13	Buy_Foreign_P	Numeric	Percent of buying value of foreign investors
14	Buy_Customer_P	Numeric	Percent of buying value of local investors
15	Buy_Proprietary_P	Numeric	Percent of buying value of proprietary trading
16	Sell_Institute_P	Numeric	Percent of selling value of institutional investors
17	Sell_Foreign_P	Numeric	Percent of selling value of foreign investors
18	Sell_Customer_P	Numeric	Percent of selling value of local investors
19	Sell_Proprietary_P	Numeric	Percent of selling value of proprietary trading

Remarks:

- In the file: TRADSUM.CSV, MAITSUM.CSV, there are two records:
 - Record #1 is the summary of today's trading data
 - Record #2 is the summary of trading data starting from beginning of the month until today.
- Effective on 3 September 2012, the trading value information will have 2 or up to 5 decimal digits. However, the members can consider displaying this Trading Value with only 2 Decimal Digits normally.

10. SU.CSV

No.	Field Name	Type	Remark
1	Orderbook ID	Numeric	orderBookId
2	IsOddLot	Character	Y = Odd Lot N = Round Lot
3	Industry Number	Numeric	
4	Sector Number	Numeric	
5	Sub-sector Number	Numeric	
6	Security Symbol	Character	The maximum length : 20 characters
7	Security Type	Character	Security Type F = Foreign Common Stock J = Convertible Preferred L = ETF P = Preferred Q = Preferred Foreign R = Transferable Subscription Right S = Common Stock T = Unit Trust Foreign U = Unit Trust V = Derivatives Warrant W = Warrant X = Depository Receipt Y = Depository Receipt Foreign
8	Ceiling Price	Numeric	
9	Floor Price	Numeric	
10	Market ID	Character	SET = SET market MAI = mai market SET_ODD_LOT = SET oddlot market MAI_ODD_LOT = mai oddlot market The maximum length : 11 characters
11	Security Name	Character	
12	Non-Compliance Flag	Character	Y = non-compliant N = compliant
13	Stabilization Flag	Character	Y = stabilized otherwise N
14	Halt/Suspension	Character	Halt/ Suspension , e.g. " " DISABLED (in case of new listed stock) HALT SUSPEND
15	Split	Character	Y = split Otherwise N
16	Benefit	Character	Benefit Flag , e.g. XR = Capital Increase PO = Public Offering XD = Dividend XN = Capital Return XS = Short Term Warrant XW= Long Term Warrant XT = Transferrable Subscription Rights XB = Other Benefit XA = More than one flag
17	Notice	Character	" " = No Flag NP = notice pending NR = notice received

No.	Field Name	Type	Remark
			C = Caution Flag NPC = Notice Pending and Caution Flag NRC = Notice Received and Caution Flag
18	Par Value	Numeric	
19	Board Lot	Numeric	
20	Allow short sell	Character	Y = Short Sell is allowed otherwise N
21	IPO Price	Numeric	
22	NPG Flag	Character	Y = NPG N = Normal
23	Allow NVDR	Character	ALL SELL_ONLY NONE
24	Allow TTF	Character	ALL SELL_ONLY NONE

Remarks:

1. The file: SU.CSV contains securities from all markets.
2. Effective on 3 September 2012, the information related to "Price" will be provided with 2 or up to 5 decimal digits while the "Par Value" will be provided with 5 decimal digits. However, the members can consider displaying such information with only 2 decimal digits normally.

1.2 FILE FORMAT FOR BOND TRADING

1. BNDSEC.TXT

No	Field name	Type	Size	Column	Description	Remark	With BOND ¹
1	TRDDATE	A	10	1-10	Trading date	DD/MM/YYYY	Y
2	SEC	A	8	11-18	Security symbol	Left Aligned	Y
3	PAR	N	8	19-26	Par value	Format 5.2, Right Aligned, Begin with 0	Y
4	SECTYPE	A	1	27-27	Security type	Left Aligned D – Corporate Bonds G – Government Bonds H – Supranational Bond U – Bond-related Fund N – Bond-related Notes W –Bond Warrant	Y
5	INDUSTRY	N	2	28-29	Industry group number	Right Aligned, Begin with 0	N
6	SECTOR	N	2	30-31	Sector number	Right Aligned, add 0 to make full digits Previous possible value is "0" but will add below possible value: 11 – Government Bond 12 – State-Owned Enterprise Bond 13 – State Agency Bond 14 – Municipal Bond 15 – Others 21 – Corporate Bond 31 – Supranational Bond 41 – Bond-related Fund 51 – Bond-related Notes 61 – Bond Warrant	N
7	SUBSECTOR	N	2	32-33	Sub-sector number	Right Aligned, add 0 to make full digits Previous possible value is "0" but will add below possible value: 1 – Treasury Bills 2 – Loan Bond 3 – Saving Bond 4 – Inflation Linked Bond	N
8	NAME	A	8	34-41	Sector name	Left Aligned Previous possible value is "Blank" but will add below possible value: GB – Government Bond SOE – State-Owned	N

¹ Field Bond Data – If 'Y', means there is bond data, 'N' means no bond data.

No	Field name	Type	Size	Column	Description	Remark	With BOND ¹
						Enterprise Bond SA – State Agency Bond MB – Municipal Bond OTHER – Others CORP – Corporate Bond SUPRA – Supranational Bond BFUND – Bond-Related Fund BNOTE – Bond-Related Notes BWAR – Bond Warrant	
9	PRICLOS	N	8	42-49	Prior close price	Format 5.2, Right Aligned, Begin with 0	Y
10	PRIDATE	A	10	50-59	Prior Close date	DD/MM/YYYY	Y
11	OPEN	N	8	60-67	Open price	Format 5.2, Right Aligned, Begin with 0	Y
12	HIGH	N	8	68-75	High price	Format 5.2, Right Aligned, Begin with 0	Y
13	LOW	N	8	76-83	Low price	Format 5.2, Right Aligned, Begin with 0	Y
14	CLOSE	N	8	84-91	Close price	Format 5.2, Right Aligned, Begin with 0	Y
15	BID	N	8	92-99	Best bid price	Format 5.2, Right Aligned, Begin with 0	Y
16	OFFER	N	8	100-107	Best offer price	Format 5.2, Right Aligned, Begin with 0	Y
17	CHANGE1	A	1	108-108	Sign of change price	Left Aligned " " - No Change "+" - Up Price "- " - Down Price	Y
18	CHANGE2	N	8	109-116	Change price	Format 5.2, Right Aligned, Begin with 0	Y
19	BRDLOT	N	6	117-122	Board lot	Right Aligned, Begin with 0	Y
20	MAINVOL	N	10	123-132	Main board volume	Right Aligned, Begin with 0 ▪ Volume – summation of AOM and Put-through Deals	Y
21	BIGVOL	N	10	133-142	Big-lot board volume	Right Aligned, Begin with 0	Y
22	ODDVOL	N	10	143-152	Odd-lot board volume	Right Aligned, Begin with 0	Y
23	MAINVAL	N	14	153-166	Main board value	Format 11.2, Right Aligned, Begin with 0 ▪ Value – summation of AOM and Put-Through Deals	Y
24	BIGVAL	N	14	167-180	Big-lot board value	Format 11.2, Right Aligned, Begin with 0	Y
25	ODDVAL	N	14	181-194	Odd-lot Board Value	Format 11.2, Right Aligned, Begin with 0	Y
26	MAINDL	N	6	195-200	Main board deal	Right Aligned, Begin with 0 ▪ Trading summed from AOM and Put-through	Y
27	BIGDL	N	6	201-206	Big-lot board	Right Aligned, Begin with 0	Y

No	Field name	Type	Size	Column	Description	Remark	With BOND ¹
					deal		
28	ODDDL	N	6	207-212	Odd-lot board deal	Right Aligned, Begin with 0	Y
29	AVGPRI	N	8	213-220	Average price	Format 5.2, Right Aligned, Begin with 0 <ul style="list-style-type: none"> ▪ Average price is calculated from AOM deals only. For stock that does not have AOM trade, the system will send the value of '0' 	N
30	SHORTVOL	N	10	221-230	Short sale volume	Right Aligned, Begin with 0	N
31	SHORTVAL	N	14	231-244	Short sale value	Format 11.2, Right Aligned, Begin with 0	N
32	SHORTPRI	N	8	245-252	Short sale price	Format 5.2, Right Aligned, Begin with 0	N
33	BOOK	N	10	253-262	Book value per share	Format 7.2, Right Aligned	N
34	EPS	N	10	263-272	Earning per share	Format 7.2, Right Aligned, Begin with Sign +, -	N
35	EPS_PERIOD	A	2	273-274	Earning period	Left Aligned	N
36	EPS_DATE	A	10	275-284	Earning date	DD/MM/YYYY	N
37	DIVIDEND	N	10	285-294	Dividend per share	- In case of Unit Trust - Format 6.3, Right Aligned, Begin with 0 - In case of other security types - Format 7.2, Right Aligned, Begin with 0	N
38	DIV_PERIOD	A	2	295-296	Dividend period	Left Aligned	N
39	DIV_FLAG	A	1	297-297	Dividend flag	Left Aligned "@ " - Special Dividend, Specify Date "\$ " - Special Dividend, Not Specify Date "& " - Normal + Special Dividend	N
40	DIV_DATE	A	10	298-307	Dividend date	DD/MM/YYYY	N
41	PER	N	7	308-314	P/E ratio	- If value is more than 10000 - Format 5.1, Right Aligned, Begin with 0 - If value is more than 0 but less than or equal to 10000 - Format 4.2, Right Aligned, Begin with 0 - If Value is less than or equals to 0, the system will submit "N.A.", Right Aligned	N
42	PER_FLAG	A	1	315-315	P/E flag	Left Aligned " " - Normal "L " - Last Yearly Account	N
43	PBV	N	8	316-323	P/BV ratio	- If the value is more than 0 - Format 5.2, Right Aligned, Begin with 0	N

No	Field name	Type	Size	Column	Description	Remark	With BOND ¹
						- If the value is less than or equals to 0, the system will submit "N.A.", Right Aligned	
44	YIELD	N	8	324-331	Dividend yield	Format 5.2, Right Aligned, Begin with 0	N
45	BENIFIT	A	2	332-333	Benefit Flag	Left Aligned 'XI' - Interest	Y
46	COMPLI	A	1	334-334	Compliance flag	Left Aligned	N
47	DESGNT	A	2	335-336	Designated flag	Left Aligned	Y
48	SUSPND	A	2	337-338	Suspend flag	Left Aligned " " - No Flag "SP" - Suspend	Y
49	NOTICE	A	2	339-340	Notice flag	Left Aligned ' ' - No Flag 'NP'- Notice pending 'NR' Notice Received	Y
50	LISTSH	N	15	341-355	Market share	Format 15, Right Aligned, Begin with 0	Y
51	MULTIPLIER	N	10	356-365	Multiplier Value of Derivative Warrant (Underlying Index)	Format 7.2, Right Aligned, Begin with 0	N
52	OPTTYP	A	1	366-366	Index Options :- Index Options Type	Left Aligned P – Put, C - Call	N
53	FILL1	A	1	367-367	Filler	Reserved for call market	N
54	FILL	A	6	368-373	Filler		N
55	LST_DATE	A	10	374-383	Index Options :- Last Trading Date	DD/MM/YYYY	N
56	STK_PRI	N	5	384-388	Index Options :- Strike Price (Index Point)	Right Aligned, Begin with 0	N
57	MKCAP\$	N	20	389-408	Market Cap.	Right Aligned, Begin with 0	N
58	FILLER	A	12	409-420	Filler		N

2. BNDSECX.TXT

	Field Name	Column	Size	Type	Remarks
1	Trading date	1-10	10	A	DD/MM/YYYY
2	Security Symbol	11-18	8	A	Left Alignment
3	Yield at Prior Close Price	19-28	10	N	Format 3.6, Right Alignment, add 0 to make full digits
4	Prior close date	29-38	10	A	DD/MM/YYYY
5	Yield at Open Price	39-48	10	N	Format 3.6, Right Alignment, add 0 to make full digits
6	Yield at High Price	49-58	10	N	Format 3.6, Right Alignment, add 0 to make full digits
7	Yield at Low Price	59-68	10	N	Format 3.6, Right Alignment, add 0 to make full digits
8	Yield at Close Price	69-78	10	N	Format 3.6, Right Alignment, add 0 to make full digits
9	Yield at Bid Price	79-88	10	N	Format 3.6, Right Alignment, add 0 to make full digits
10	Yield at Offer Price	89-98	10	N	Format 3.6, Right Alignment, add 0 to make full digits
11	Sign of change Yield	99	1	N	" " - No Change "+" - Up Price "- " - Down Price
12	Change Yield	100-109	10	N	Format 3.6, Right Alignment, add 0 to make full digits
13	Accrued Interest/ Unit (Bath)	110-119	10	N	Format 3.6, Right Alignment, add 0 to make full digits
14	Filler	120-300	181	N	

3. BNDRIDX.TXT

	Field Name	Column	Size	Type	Remarks	Bond Data
1	Trading date	1-10	10	A	DD/MM/YYYY	Y
2	Industry group	11-12	2	N	"00"	N
3	Sector number	13-14	2	N	Right Aligned, add 0 to make full digits Previous possible value is "0" but will add below possible value: 11 – Government Bond 12 – State-Owned Enterprise Bond 13 – State Agency Bond 14 – Municipal Bond 15 – Others 21 – Corporate Bond 31 – Supranational Bond 41 – Bond-related Fund 51 – Bond-related Notes 61 – Bond Warrant	Y
4	Subsector number	15-16	2	N	Right Aligned, add 0 to make full digits Previous possible value is "0" but will add below possible value: 1 – Treasury Bills 2 – Loan Bond 3 – Saving Bond 4 – Inflation Linked Bond	N
5	Index name	17-24	8	A	Left Alignment Previous possible value is "Blank" but will add below possible value: GB – Government Bond SOE – State-Owned Enterprise Bond SA – State Agency Bond MB – Municipal Bond OTHER – Others CORP – Corporate Bond SUPRA – Supranational Bond BFUND – Bond-Related Fund BNOTE – Bond-Related Notes BWAR – Bond Warrants	Y
6	Index value	25-32	8	N	format 5.2, Right alignment add 0 to make full digits	N
7	Sign change index	33-33	1	A	"+" , "-" , " "	N
8	Change index	34-41	8	N	Format 5.2, Right alignment add 0 to make full digits	N
9	P/E Ratio	42-49	8	N	If positive - right alignment add 0 to make full digits If negative - "N.A."	N
10	P/BV Ratio	50-57	8	N	If positive - right alignment add 0 to make full digits If negative - "N.A."	N
11	Yield	58-65	8	N	Format 5.2, right alignment add 0 to make full digits	N
12	Market cap.	66-85	20	N	Format 5.2, right alignment add 0 to make full digits	N

	Field Name	Column	Size	Type	Remarks	Bond Data
13	Total volume	86-98	13	N	Right alignment add 0 to make full digits	Y
14	Total value	99-111	13	N	Right alignment add 0 to make full digits	Y
15	Filler	112-120	9	A	Blank	N

4. BNDTSUM.TXT

	Field Name	Column	Size	Type	Remarks
1	Start Date	1-10	10	A	DD/MM/YYYY
2	End Date	11-20	10	A	DD/MM/YYYY
3	Total buy value - Portfolio (Thousand Baht)	21-35	15	N	Right alignment add 0 to make full digits
4	Total buy value - Foreign (Thousand Baht)	36-50	15	N	Right alignment add 0 to make full digits
5	Total buy value - Customer (Thousand Baht)	51-65	15	N	Right alignment add 0 to make full digits
6	Total sell value - Portfolio (Thousand Baht)	66-80	15	N	Right alignment add 0 to make full digits
7	Total sell value - Foreign (Thousand Baht)	81-95	15	N	Right alignment add 0 to make full digits
8	Total sell value - Customer (Thousand Baht)	96-110	15	N	Right alignment add 0 to make full digits
9	Total Value (Thousand Bath)	111-130	20	N	Right alignment add 0 to make full digits
10	Buying percentage – Portfolio	131-136	6	N	Format 3.2 - Right alignment add 0 to make full digits
11	Buying percentage - Foreign	137-142	6	N	Format 3.2 - Right alignment add 0 to make full digits
12	Buying percentage – Customer	143-148	6	N	Format 3.2 - Right alignment add 0 to make full digits
13	Selling percentage – Portfolio	149-154	6	N	Format 3.2 - Right alignment add 0 to make full digits
14	Buying percentage - Foreign	155-160	6	N	Format 3.2 - Right alignment add 0 to make full digits
15	Selling percentage – Customer	161-166	6	N	Format 3.2 - Right alignment add 0 to make full digits

5. BNDSU.MSG

	Field Name	Column	Size	Type	Description
1	Message Type	1-2	2	Alpha String	Message Type: "2M"
2	Security Number	3-4	2	Mod-96	
3	Security Number (New)	5-6	2	Mod-96	
4	Industry Number	7-7	1	Mod-96	
5	Sector Number	8-8	1	Mod-96	Previous possible value is "0" but will add below possible value: 11 – Government Bond 12 – State-Owned Enterprise Bond 13 – State Agency Bond 14 – Municipal Bond 15 – Others 21 – Corporate Bond 31 – Supranational Bond 41 – Bond-related Fund 51 – Bond-related Note 61 – Bond Warrant
6	Subsector Number	9-9	1	Mod-96	Previous possible value is "0" but will add below possible value: 1 – Treasury Bills 2 – Loan Bond 3 – Saving Bond 4 – Inflation Linked Bond
7	Security Symbol	10-17	8	Alpha Numeric String	
8	Security Type	18-18	1	Alpha string	G – Government Bonds D – Corporate Bonds H – Supranational Bond U – Bond-Related Fund N – Bond-Related Notes W – Bond Warrant
9	Ceiling Price	19-22	4	Mod-96	
10	Floor Price	23-26	4	Mod-96	
11	Last Sale Price	27-30	4	Mod-96	
12	Market ID	31-31	1	Alpha String	Cancel Market ID = "A" and replace with Market ID = "B"
13	Option Type	32-32	1	Alpha String	
14	Filler	33-33	1	Alpha string	Reserved for DW field Collateral Type
15	Other Flag	34-34	1	Alpha string	C' – call market only ' ' - Normal
16	Security Name	35-59	25	Alpha string	
17	Designated	60-60	1	Alpha string	
18	Suspension	61-61	1	Alpha string	
19	Delist	62-62	1	Alpha string	
20	Halt/Resume Flag	63-63	1	Alpha string	
21	Split	64-64	1	Alpha string	
22	Benefit	65-65	1	Alpha string	
23	Meeting	66-66	1	Alpha string	

	Field Name	Column	Size	Type	Description
24	Notice	67-67	1	Alpha string	
25	Client ID Required	68-68	1	Alpha string	
26	Par Value	69-72	4	Mod-96	
27	SDC Flag	73-73	1	Alpha String	
28	Prior Close Price	74-77	4	Mod-96	
29	Prior Close Date	78-85	8	Numeric String	
30	Open Price	86-89	4	Mod-96	
31	Highest Price	90-93	4	Mod-96	
32	Lowest Price	94-97	4	Mod-96	
33	Total Shares Traded	98-102	5	Mod-96	
34	Total Values Traded	103-107	5	Mod-96	
35	Board Lot	108-109	2	Mod-96	
36	Other Halt Flag	110-110	1	Alpha String	

Appendix 1: Industry and Sector Classification**SET**

Industry No.	Sector No.	Industry / Sector	กลุ่มอุตสาหกรรม / หมวดธุรกิจ	Symbol
1		Agro & Food Industry	เกษตรและอุตสาหกรรมอาหาร	AGRO
	1	Agribusiness	ธุรกิจการเกษตร	AGRI
	12	Food & Beverage	อาหารและเครื่องดื่ม	FOOD
2		Consumer Products	สินค้าอุปโภคบริโภค	CONSUMP
	27	Fashion	แฟชั่น	FASHION
	15	Home & Office Products	ของใช้ในครัวเรือนและสำนักงาน	HOME
	22	Personal Products & Pharmaceuticals	ของใช้ส่วนตัวและเวชภัณฑ์	PERSON
3		Financials	ธุรกิจการเงิน	FINCIAL
	2	Banking	ธนาคาร	BANK
	11	Finance & Securities	เงินทุนและหลักทรัพย์	FIN
	16	Insurance	ประกันภัยและประกันชีวิต	INSUR
4		Industrials	สินค้าอุตสาหกรรม	INDUS
	29	Automotive	ยานยนต์	AUTO
	32	Industrial Materials & Machinery	วัสดุอุตสาหกรรมและเครื่องจักร	IMM
	26	Paper & Printing Materials	กระดาษและวัสดุการพิมพ์	PAPER
	4	Petrochemicals & Chemicals	ปิโตรเคมีและเคมีภัณฑ์	PETRO
	21	Packaging	บรรจุภัณฑ์	PKG
	34	Steel	เหล็ก	STEEL
5		Property & Construction	อสังหาริมทรัพย์และก่อสร้าง	PROPCON
	3	Construction Materials	วัสดุก่อสร้าง	CONMAT
	25	Property Development	พัฒนาอสังหาริมทรัพย์	PROP
	33	Property Fund & REITs	กองทุนรวมอสังหาริมทรัพย์และ กองทุนทรัสต์เพื่อการลงทุนใน อสังหาริมทรัพย์	PF&REIT
	35	Construction Services	บริการรับเหมาก่อสร้าง	CONS
6		Resources	ทรัพยากร	RESOURC
	9	Energy & Utilities	พลังงานและสาธารณูปโภค	ENERG
	20	Mining	เหมืองแร่	MINE
7		Services	บริการ	SERVICE
	5	Commerce	พาณิชย์	COMM
	13	Health Care Services	การแพทย์	HEALTH
	10	Media & Publishing	สื่อและสิ่งพิมพ์	MEDIA
	24	Professional Services	บริการเฉพาะกิจ	PROF
	14	Tourism & Leisure	ท่องเที่ยวและสันทนาการ	TOURISM
	28	Transportation & Logistics	ขนส่งและโลจิสติกส์	TRANS
8		Technology	เทคโนโลยี	TECH
	8	Electronic Components	ชิ้นส่วนอิเล็กทรอนิกส์	ETRON
	6	Information & Communication Technology	เทคโนโลยีสารสนเทศและการสื่อสาร	ICT

mai

the 8 new Industry groups in mai market. Please note that the definition of mai Industry groups will be the same as SET Industry groups as follows;

Industry No.	Sector No.	Industry / Sector	กลุ่มอุตสาหกรรม / หมวดธุรกิจ	Symbol
56		Agro & Food Industry	เกษตรและอุตสาหกรรมอาหาร	AGRO
57		Consumer Products	สินค้าอุปโภคบริโภค	CONSUMP
58		Financials	ธุรกิจการเงิน	FINCIAL
59		Industrials	สินค้าอุตสาหกรรม	INDUS
60		Property & Construction	อสังหาริมทรัพย์และก่อสร้าง	PROPCON
61		Resources	ทรัพยากร	RESOURC
62		Services	บริการ	SERVICE
63		Technology	เทคโนโลยี	TECH

Effect to OAQ

data for both Industry and Sector of mai Market. Due to the structure of the trading system, SET has to determine the Industry together with the Sector concurrently. The details of Industry ID and Sector ID are as the below table;

Industry No.	Sector No.	Industry / Sector	กลุ่มอุตสาหกรรม / หมวดธุรกิจ	Symbol
56		Agro & Food Industry	เกษตรและอุตสาหกรรมอาหาร	AGRO-m
	64	Agro & Food Industry	เกษตรและอุตสาหกรรมอาหาร	AGRO-ms
57		Consumer Products	สินค้าอุปโภคบริโภค	CONSUMP-m
	65	Consumer Products	สินค้าอุปโภคบริโภค	CONSUMP-ms
58		Financials	ธุรกิจการเงิน	FINCIAL-m
	66	Financials	ธุรกิจการเงิน	FINCIAL-ms
59		Industrials	สินค้าอุตสาหกรรม	INDUS-m
	67	Industrials	สินค้าอุตสาหกรรม	INDUS-ms
60		Property & Construction	อสังหาริมทรัพย์และก่อสร้าง	PROPCON-m
	68	Property & Construction	อสังหาริมทรัพย์และก่อสร้าง	PROPCON-ms
61		Resources	ทรัพยากร	RESOURC-m
	69	Resources	ทรัพยากร	RESOURC-ms
62		Services	บริการ	SERVICE-m
	70	Services	บริการ	SERVICE-ms
63		Technology	เทคโนโลยี	TECH-m
	71	Technology	เทคโนโลยี	TECH-ms

SET would ask the members a cooperation to display Industry in mai market as same as the 8 new Industry groups in mai market table above.

The details are summarized as follows:-

- To display Industry name and Industry Symbol of mai market as same as SET market.
- **Do not display** Sector name and Sector Symbol of mai market. This is because SET has not officially classified the securities in Sector level. So, the member should not display Sector name and Sector Symbol of mai market. (as below table).

Industry ID	Industry Name	Industry Symbol	Information To Be Displayed On Members' Screens/Products
56	Agro & Food Industry	AGRO-m	AGRO
57	Consumer Products	CONSUMP-m	CONSUMP

58	Financials	FINCIAL-m	FINCIAL
59	Industrials	INDUS-m	INDUS
60	Property & Construction	PROPCON-m	PROPCON
61	Resources	RESOURC-m	RESOURC
62	Services	SERVICE-m	SERVICE
63	Technology	TECH-m	TECH
Sector ID	Sector Name	Sector Index	Information to be displayed on members' screens/products
64	Agro & Food Industry	AGRO-ms	Do not display Sector information on members' screens/products
65	Consumer Products	CONSUMP-ms	
66	Financials	FINCIAL-ms	
67	Industrials	INDUS-ms	
68	Property & Construction	PROPCON-ms	
69	Resources	RESOURC-ms	
70	Services	SERVICE-ms	
71	Technology	TECH-ms	

BEX

Security Type		Sector			Sub-Sector		
Full Name		Full Name		Abbr.	Full Name		Abbr.
G	Government Bond	11	Government Bond	GB	1	Treasury Bills	TB
					2	Loan Bond	LB
					3	Saving Bond	SB
					4	Inflation Linked Bond	ILB
		12	State-Owned Enterprise Bond	SOE	-		
13	State Agency Bond	SA	-				
		14	Municipal Bond (Ordered by Issuer)	MB	-		
		15	Others	OTHER	-		
D	Corporate Bond	21	Corporate Bond (Ordered by Alphabet)	CORP	-		
H	Supranational Bond	31	Supranational Bond (Ordered by Alphabet)	SUPRA	-		
U	Bond-related Fund	41	Bond-related Fund (Ordered by Alphabet)	BFUND	-		
		51	Bond-related Notes (Ordered by Alphabet)	BNOTE	-		
W	Bond Warrant	61	Bond Warrant (Ordered by Alphabet)	BWAR	-		