Tokyo Market Information

－Reference Data－

Web Service File Specification
(CSV File Format)

Ver.2.4
Applicable on April 4, 2022

JPX Market Innovation & Research, Inc.

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1. Introduction

These materials explain the specifications for the output files provided by the TMI Web service. These materials present the file output screens along with the specifications for the files that are output from those screens.

2. Outline of Files Provided

2. 1 Outline of files provided

The files provided are summarized as follows.

File Number	Information Provided	Outline	Period
1	Master File	Covers domestic listed companies listed on all domestic stock exchanges. Does not provide information on securities listed on foreign exchanges or foreign products (ETFs, DRs, REITs, JDRs, etc.). In addition to basic information such as company Name, trading unit, Registrar, dividend record date stated in the articles of incorporation, listed market, and Margin Transaction category, detailed information including Fiscal Term, Interim Term and ex-dividend flags are provided.	Past 10 business days, plus today, plus next business day (12 days)
2	O/H/L/C Price (Cash Equities)	Provides opening, high, low and closing prices for the data provision date, for cash equities (stocks and bonds) traded on the TSE.	Past 10 business days plus data provision day (11 days)
3	Open Interest of Margin Transactions (as of subscription date)	Provides the open interest (long & short positions) of margin transactions for each week as of the subscription date for individual securities traded on the TSE, and the aggregate data. In principle the data is provided on the second business day of each week.	Past 5 weeks (provided once a week)

Notes1

The information set in file 1 above is the master data for each security as of the business day following the information provision date (that date is also set as the "effective date" inside the files). Please note the following items regarding the information contents.

- For newly listed securities, recording begins from files transmitted the business day before the listing date. For delisted securities, recording ends with files transmitted the business day before the delisting date.
- When changes occur to submitted information contents on the information provision date itself, those changes may not be reflected regardless of the

preparation timing of the transmitted file. In such cases, the changes will be reflected in information provided from the following business day.

2. 2 Timing of File Updates

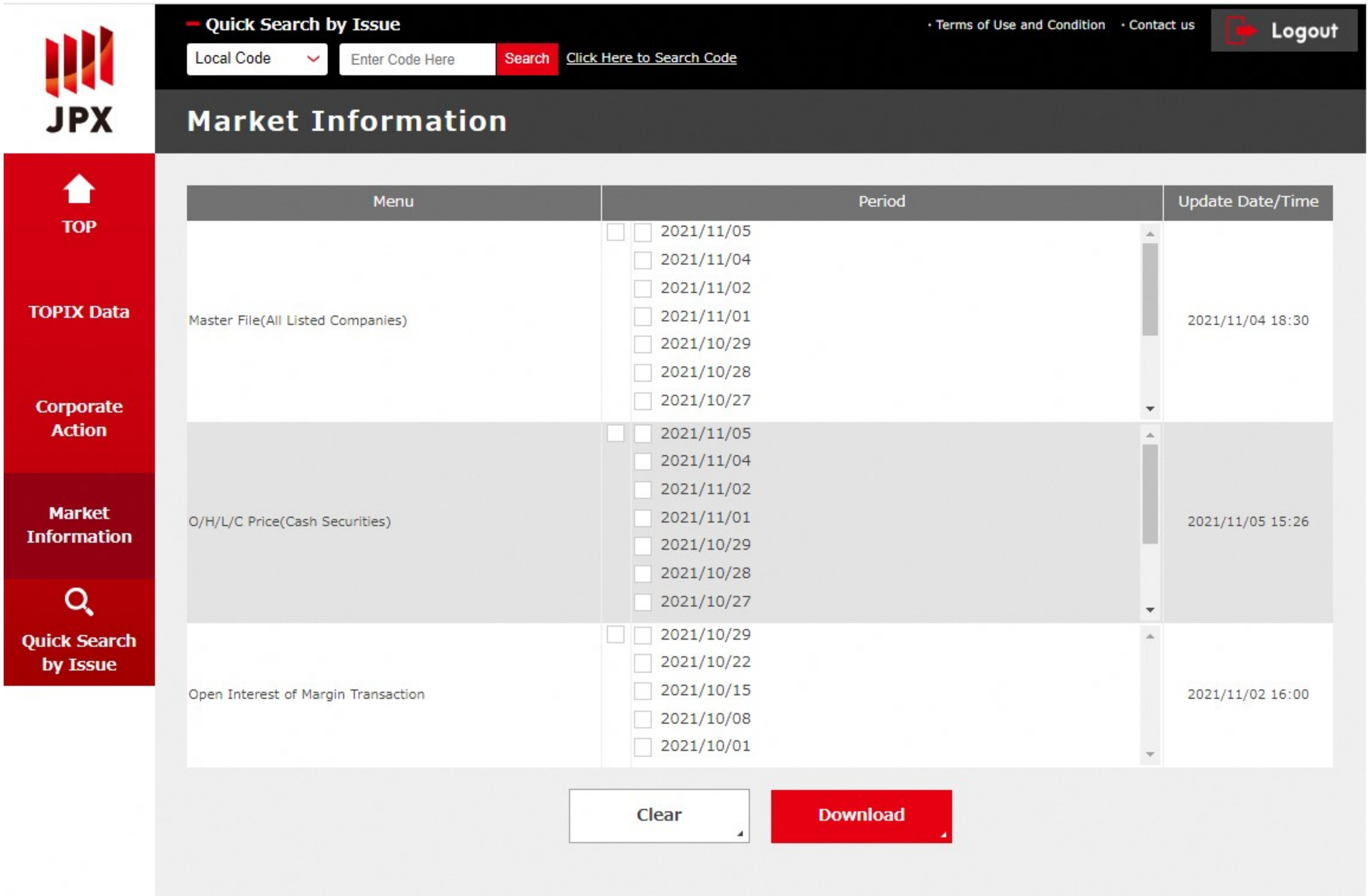
The data in the files provided is updated in accordance with the following schedule.

File Number	Information Provided	Update Timing
1	Master File	19:30
2	O/H/L/C Price (Cash Equities)	16:30
3	Open Interest of Margin Transactions (as of subscription date)	16:30

However, the weekend open interest (long & short positions) of TSE margin transactions (as of the subscription date), is updated at 16:30 on days when the data for individual securities are released (in principle, the second business day of each week). Changes to this schedule related to Golden Week and the year-end and new year's holidays are posted on the JPX homepage (https://www.jpx.co.jp/markets/statistics-equities/margin/index.html) .

3. Screens and Output File Specifications

3. 1 JPX Official Data Screen



3. 2 Data Format

- “Item Name” is set in the first line of the file.
- A one-byte comma (,) is set between each field.
- In all files, each data item is surrounded by single-byte double quotation marks (“). The quotation marks are also used for “Null” data items, which are denoted by two double quotation marks in a row (“”). (These double quotation marks do not appear when Microsoft®* Excel is used for CSV files).

  * *Microsoft® is a registered trademark of Microsoft® Corporation in the United States and other countries.
- Data items for which “Null” can be set are denoted by the symbol “○”.
- Len (Length) specifies the maximum length of the data (not including the double quotation marks).

3. 2. 1 Master File

No.	Item Name	Data Contents	Len	Null	Remarks
1	Effective Date	Data effective date YYYYMMDD format	8		
2	Local Code	Unique securities code assigned by the Securities Identification Code Committee For stocks, this is a 9-digit code comprising 4 single-byte spaces, a 4-digit securities code assigned by the Securities Identification Code Committee, and a 1-digit reserve code which is set at “0” for common stock.	9		
3	ISIN	ISIN (International Securities Identification Number) code for the relevant security, arranged by the Securities Identification Code Committee. This comprises a country code (2 digits), an issuance body code (6 digits), a securities type code (3 digits), and a check digit (1 digit)	12	○	
4	Name	“Null” is set.	240	○	
5	Reserved Field	“Null” is set.	240	○	
6	Name (English)	English language name of the relevant security	240	○	
7	Sector (Code)	Sector code	4	○	See Attachment 1 for more details.
8	Trading Unit	Trading unit of the relevant security	13	○	
9	Board Lot Size	Indicates the board lot size of the relevant security; set at “Null” for securities that do not adopt the board lot size system.	8	○	
10	Registrar	Name of registrar	140	○	
11	Reserved Field	“Null” is set.	400	○	

No.	Item Name	Data Contents	Len	Null	Remarks
12	Reserved Field	“Null” is set.	400	○	
13	Reserved Field	“Null” is set.	400	○	
14	Fiscal Term	Last date of the fiscal term in MMDD format, showing ordinary term, irregular term 1 or irregular term 2 Set at “0299” (MMDD) for fiscal terms ending at the end of February.	4	○	
15	Interim Term	Last date of the interim term in MMDD format, showing ordinary term, irregular term 1, or irregular term 2 Set at “0299” (MMDD) for interim terms ending at the end of February; set at “0000” when there is no interim settlement or when there is an irregular settlement.	4	○	
16	Irregular Term Start	First date of the irregular term in YYYYMMDD format	8	○	When a company plans to have an irregular term, the information may be set before the date when the changes to the fiscal term come into effect.
17	Irregular Term End	Last date of the irregular term in YYYYMMDD format	8	○	
18	Dividend Record Date 1	Dividend record date set in the Articles of Incorporation for ordinary fiscal terms The contents of the separate data items “fiscal term” and “interim term” are set when ordinary term is set. MMDD format Set at “0299” (MMDD) for record dates at the end of February; set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	4	○	
19	Dividend Record Date 2	Dividend record date set in the Articles of Incorporation for ordinary fiscal terms The contents of the separate data items “fiscal term” and “interim term” are set when ordinary term is set. MMDD format Set at “0299” (MMDD) for record dates at the end of February; set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	4	○	
20	Dividend Record Date 3	Dividend record date set in the Articles of Incorporation for ordinary fiscal terms The contents of the separate data items “fiscal term” and “interim term” are set when ordinary term is set. MMDD format Set at “0299” (MMDD) for record dates at the end of February; set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	4	○	
21	Dividend Record	Dividend record date set in the Articles of Incorporation for ordinary fiscal terms The contents of the separate data items “fiscal term” and “interim term” are set when	4	○	

No.	Item Name	Data Contents	Len	Null	Remarks
	Date 4	ordinary term is set. MMDD format Set at “0299” (MMDD) for record dates at the end of February; set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).			
22	Dividend Record Date 5	Dividend record date set in the Articles of Incorporation for ordinary fiscal terms The contents of the separate data items “fiscal term” and “interim term” are set when ordinary term is set. MMDD format Set at “0299” (MMDD) for record dates at the end of February; set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	4	○	
23	Dividend Record Date 6	Dividend record date set in the Articles of Incorporation for ordinary fiscal terms The contents of the separate data items “fiscal term” and “interim term” are set when ordinary term is set. MMDD format Set at “0299” (MMDD) for record dates at the end of February; set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	4	○	
24	Dividend Record Date 1 (Irregular term 1)	Dividend record date for irregular term 1 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 1 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
25	Dividend Record Date 2 (Irregular term 1)	Dividend record date for irregularl term 1 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 1 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
26	Dividend Record Date 3 (Irregular term 1)	Dividend record date for irregular term 1 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 1 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
27	Dividend Record Date 4 (Irregular term 1)	Dividend record date for irregular term 1 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 1 is set. YYYYMMDD format	8	○	

No.	Item Name	Data Contents	Len	Null	Remarks
		Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).			
28	Dividend Record Date 5 (Irregular term 1)	Dividend record date for irregular term 1 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 1 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
29	Dividend Record Date 6 (Irregular term 1)	Dividend record date for irregular term 1 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 1 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
30	Dividend Record Date 1 (Irregular term 2)	Dividend record date for irregular term 2 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 2 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
31	Dividend Record Date 2 (Irregular term 2)	Dividend record date for irregular term 2 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 2 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
32	Dividend Record Date 3 (Irregular term 2)	Dividend record date for irregular term 2 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 2 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
33	Dividend Record Date 4 (Irregular term 2)	Dividend record date for irregular term 2 The contents of the separate data items “fiscal term” and “interim term” are set when irregular term 2 is set. YYYYMMDD format Set at “Null” for REITs, ETFs, etc. (securities with securities type codes 0A, B1 or B2).	8	○	
34	TSE New Listing Identifier	Set at “1” when the relevant securities will be listed the following business day and at “0” in other cases. Set at “Null” for securities not traded on the Tokyo Stock Exchange	1	○	

No.	Item Name	Data Contents	Len	Null	Remarks
		(TSE).			
35	Reserved Field	"Null" is set.	8	○	
36	TSE Market Section(Code)	Market section (code) for the relevant security Set at "Null" for securities not traded on the TSE.	1	○	See Attachment 2 for more details.
37	TSE Margin Transaction (Code)	Set at "1" for margin issues, "2" for loan issues, and "0" for others. Set at "0" or single-byte space for securities not traded on the TSE.	1	○	See Attachment 4 for details on setting "0" or single-byte space.
38	TSE Margin Transaction (Text)	Set at "Margin" for "1", "Loan" for "2", single-byte space for "0" and "Null" for single-byte spaces. Set at a single-byte space or "Null" for securities not traded on the TSE.	140	○	
39	OSE New Listing Identifier	Set at "1" when the relevant securities will be listed the following business day and at "0" in other cases. Set at "Null" for securities not traded on the Osaka Securities Exchange (OSE).	1	○	
40	Reserved Field	"Null" is set.	8	○	
41	OSE Market Section(Code)	Market section (code) for the relevant security Set at "Null" for securities not traded on the Osaka Securities Exchange (OSE).	1	○	See Attachment 2 for more details.
42	OSE Margin Transaction (Code)	Set at "1" for margin issues, "2" for loan issues, and "0" for others. Set at "0" or single-byte space for securities not traded on the OSE.	1	○	See Attachment 4 for details on setting "0" or single-byte space.
43	OSE Margin Transaction (Text)	Set at "Margin" for "1", "Loan" for "2", single-byte space for "0" and "Null" for single-byte spaces. Set at a single-byte space or "Null" for securities not traded on the OSE.	140	○	
44	NSE New Listing Identifier	Set at "1" when the relevant securities will be listed the following business day and at "0" in other cases. Set at "Null" for securities not traded on the Nagoya Stock Exchange (NSE).	1	○	
45	Reserved Field	"Null" is set.	8	○	
46	NSE Market Section(Code)	Market section (code) for the relevant security Set at "Null" for securities not traded on the Nagoya Stock Exchange (NSE).	1	○	See Attachment 2 for more details.
47	NSE Margin Transaction (Code)	Set at "1" for margin issues, "2" for loan issues, and "0" for others. Set at "0" or a single-byte space for securities not traded on the NSE.	1	○	See Attachment 4 for details on setting "0" or single-byte space.
48	NSE Margin Transaction (Text)	Set at "Margin" for "1", "Loan" for "2", single-byte space for "0" and "Null" for single-byte spaces. Set at a single-byte space or "Null" for securities not traded on the NSE.	140	○	
49	FSE New Listing Identifier	Set at "1" when the relevant securities will be listed the following business day and at "0" in other cases. Set at "Null" for securities not traded on the Fukuoka Stock Exchange	1	○	

No.	Item Name	Data Contents	Len	Null	Remarks
		(FSE).			
50	Reserved Field	“Null” is set.	8	○	
51	FSE Market Section(Code)	Market section (code) for the relevant security Set at “Null” for securities not traded on the Fukuoka Stock Exchange (FSE).	1	○	See Attachment 2 for more details.
52	FSE Margin Transaction (Code)	Set at “1” for margin issues, “2” for loan issues, and “0” for others. Set at “0” or single-byte space for securities not traded on the FSE.	1	○	See Attachment 4 for details on setting “0” or single-byte space.
53	FSE Margin Transaction (Text)	Set at “Margin” for “1”, “Loan” for “2”, single-byte space for “0” and “Null” for single-byte spaces. Set at a single-byte space or “Null” for securities not traded on the FSE	140	○	
54	SSE New Listing identifier	Set at “1” when the relevant securities will be listed the following business day and at “0” in other cases. Set at “Null” for securities not traded on the Sapporo Securities Exchange (SSE).	1	○	
55	Reserved Field	“Null” is set.	8	○	
56	SSE Market Section(Code)	Market section (code) for the relevant security Set at “Null” for securities not traded on the Sapporo Securities Exchange (SSE).	1	○	See Attachment 2 for more details.
57	SSE Margin Transaction (Code)	Set at “1” for margin issues, “2” for loan issues, and “0” for others. Set at “0” or single-byte space for securities not traded on the SSE.	1	○	See Attachment 4 for details on setting “0” or single-byte space.
58	SSE Margin Transaction (Text)	Set at “Margin” for “1”, “Loan” for “2”, single-byte space for “0” and “Null” for single-byte spaces. Set at a single-byte space or “Null” for securities not traded on the SSE.	140	○	
59	JQ New Listing Identifier	Set at “1” when the relevant securities will be listed the following business day and at “0” in other cases. Set at “Null” for securities not traded on the JQ market.	1	○	
60	Reserved Field	“Null” is set.	8	○	
61	JQ Market Section(Code)	Market section (code) for the relevant security Set at “Null” for securities not traded on the JQ market.	1	○	See Attachment 2 for more details.
62	JQ Margin Transaction (Code)	Set at “1” for margin issues, “2” for loan issues, and “0” for others. Set at “0” or a single-byte space for securities not traded on the JQ market	1	○	See Attachment 4 for details on setting “0” or single-byte space.
63	JQ Margin Transaction (Text)	Set at “Margin” for “1”, “Loan” for “2”, single-byte space for “0” and “Null” for single-byte spaces. Set at a single-byte space or “Null” for securities not traded on the JQ market.	140	○	
64	JSDA New Listing Identifier	Set at “1” when the relevant securities will be listed the following business day and at “0” in other cases. Set at “Null” for securities not traded on the JSDA market.	1	○	
65	Reserved Field	“Null” is set.	8	○	

No.	Item Name	Data Contents	Len	Null	Remarks
66	JSDA Market Section(Code)	Market section (code) for the relevant security Set at "Null" for securities not traded on the JSDA market.	1	○	See Attachment 2 for more details.
67	JSDA Margin Transaction (Code)	Set at "1" for margin issues, "2" for loan issues, and "0" for others. Set at "0" or a single-byte space for securities not traded on the JSDA market	1	○	See Attachment 4 for details on setting "0" or single-byte space.
68	JSDA Margin Transaction (Text)	Set at "Margin" for "1", "Loan" for "2", single-byte space for "0" and "Null" for single-byte spaces. Set at a single-byte space or "Null" for securities not traded on the JSDA market.	140	○	
69	Ex Dividend	Flag indicating whether the relevant security goes ex-dividend on the "effective date", set at "1" if it is and at "Null" otherwise.	1	○	Set at "1" only if the date is the first date ex-dividend.
70	Ex New Share (Stock Split)	Set to "1" if the relevant security goes ex-rights on the "effective date", and "Null" otherwise.	1	○	Set at "1" only if the date is the first date ex-dividend.
71	Ex New Share (Rights Issue)	Set to "1" if the relevant security goes ex-rights on the "effective date", and "Null" otherwise.	1	○	Set at "1" only if the date is the first date ex-dividend.
72	Ex Date (Extraordinary General Shareholders Meeting)	Set to "1" if the relevant security goes ex-rights on the "effective date", and "Null" otherwise.	1	○	Set at "1" only if the date is the first date ex-dividend.
73	Other Ex Date (Other Event)	Set to "1" if the relevant security goes ex-rights for other events on the "effective date" and "Null" otherwise.	1	○	Set at "1" only if the date is the first date ex-dividend.
74	Type of Other Event (Code)	Code for other event type. Set to "1" for allotment of stock, "2" for allotment of subscription rights, "3" for offering of subscription rights to shareholders, "4" for non-cash dividend, "5" (Issuer's Request for General Shareholders Notification), "9" for other events.	1	○	Set at the lowest number code when events overlap (for example, set at "1" when events coded "1" and "2" overlap)
75	Type of Other Event (Text)	"Allotment of Stock" (1), "Allotment of Subscription Rights" (2), "Offering of Subscription Rights to Shareholders" (3), "Non Cash Dividend" (4), "Issuer's Request for General Shareholders Notification" (5) , "Other Events" (9)	140	○	
76	Reserved Field	"Null" is set.	1	○	
77	Reserved Field	"Null" is set.	1	○	

No.	Item Name	Data Contents	Len	Null	Remarks
78	Reserved Field	“Null” is set.	1	○	
79	Reserved Field	“Null” is set.	140	○	
80	Reserved Field	“Null” is set.	140	○	
81	Reserved Field	“Null” is set.	27	○	

NOTES

1 With respect to “New Listing Identifier”set on No. 34,39,44,49,54,59,64, please note if the new listing date falls on non-business day, the indentifier will not be set on the file provided on previous bisiness day.

2. When the relevant security has market section as a Japan Securities Dealers Association (JSDA) “Green Sheet, etc” issue, in principle data items 9 should be set at “Null” or “0”.

3. When the same issuer has listed preferred shares or several classes of shares, item 9 is generally set to “Null” or “0” for the second and subsequent issues.

4. *No. 59, 61-63

”JQ” indicates JASDAQ, before the merger with OSE effected on 2010/10/12.

*No. 39,41-43

“OSE” indicates Osaka Securities Exchange, before the merger with TSE effective in July 2013.

3. 2. 2 O/H/L/C Price (Cash Equities)

No.	Item Name	Data Contents	Len	Remarks
1	Date	Data provision date YYYYMMDD format	8	
2	Exchange Code	Code identifying the exchange where the relevant security is traded “01” for the Tokyo Stock Exchange	2	
3	Product Class Code	Code identifying the type of stock or bond “13” for foreign stocks, foreign investment securities, foreign investment trust beneficiary certificate, etc. “21” for Prime (domestic stocks) “22” for Standard (domestic stocks) “23” for Growth (domestic stocks) “24” for TOKYO PRO Market (domestic stocks) “25” for investment beneficiary certificate “26” for investment trust beneficiary certificate “51” for CB (Convertible Bonds) “61” for WB (Warrant Bonds) “62” for SW (Shareholders Warrants) and EB(Exchangeable Bonds)	2	
4	Local Code	Unique securities code assigned by the Securities Identification Code Committee For stocks, this is a 9-digit code comprising 4 single-byte spaces, a 4-digit securities code assigned by the Securities Identification Code Committee, and a 1-digit reserve code which is set at “0” for common stock other than new stock. For bonds, this is a 9-digit code comprising a reserve digit stipulated by the Securities Identification Code Committee, a four-digit issue number code, and a four-digit securities code.	9	
5	ISIN	ISIN (International Securities Identification Number) code for the relevant security, arranged by the Securities Identification Code Committee. This comprises a country code (2 digits), an issuance body code (6 digits), a securities type code (3 digits), and a check digit (1 digit). Set at “Null” for foreign stocks, etc.	12	

No.	Item Name	Data Contents	Len	Remarks
6	Open (Morning Session)	Opening price of the morning session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
7	High (Morning Session)	High of the morning session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
8	Low (Morning Session)	Low of the morning session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
9	Close (Morning Session)	Closing price of the morning session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
10	Open (Afternoon Session)	Opening price of the afternoon session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
11	High (Afternoon Session)	High of the afternoon session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
12	Low (Afternoon Session)	Low of the afternoon session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
13	Close (Afternoon Session)	Closing price of the afternoon session of the concerned security. For the units, see “Unit Details” below. The first digit shows the sign.	20	
14	Open	Opening price of the relevant security. For the units, see “Unit Details” below. The first digit shows the sign.	20	Initial price set at 0.0000 See Attachment 3 for more details.
15	High	Daily high of the relevant security. For the units, see “Unit Details” below. The first digit shows the sign.	20	Initial price set at 0.0000 See Attachment 3 for more details.
16	Low	Daily low of the relevant security. For the units, see “Unit Details” below. The first digit shows the sign.	20	Initial price set at 0.0000 See Attachment 3 for more details.
17	Close	Closing price of the relevant security. For the units, see “Unit Details” below. The first digit shows the sign.	20	Initial price set at 0.0000 See Attachment 3 for more details.

No.	Item Name	Data Contents	Len	Remarks
18	Special Quotation Code	Set at "1" for sell, "2" for buy and single-byte space for others.	1	
19	Special Quotation	Special quotation for the relevant security. For the units, see "Unit Details" below. The first digit shows the sign.	20	Initial price set at 0.0000 See Attachment 3 for more details.
20	Settlement price /Contract price for margin calculation	Normally set at "0.0000"	20	
21	Trading Volume	Trading volume of the relevant security. For the units, see "Unit Details" below.	21	See Attachment 3 for more details.
22	Trading Value	Trading value of the relevant security. For the units, see "Unit Details" below.	21	See Attachment 3 for more details.
23	VWAP	VWAP of the concerned security. For the units, see "Unit Details" below.	20	Initial price set at 0.0000 See Appendix 3 for more details.

Unit Details

No.	Type of Security/Bond	Product Class Code	Price (Unit)	Trading Volume (Unit)	Settlement Price (Unit)	Trading Value (Unit)	VWAP (Unit)
1	Foreign stocks, etc.	13	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
2	Prime	21	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
3	Standard	22	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
4	Growth	23	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
5	TOKYO PRO Market	24	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
6	Investment beneficiary certificate	25	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
7	Investment trust beneficiary certificate	26	0.0001 yen	1 share or 1 lot	—	1 yen	0.0001 yen
8	CB (Convertible Bonds)	51	0.0001 yen	1 yen	—	1 yen	0.0001 yen
9	WB (Warrant Bonds)	61	0.0001 yen	1 yen	—	—	—
10	SW (Shareholders Warrants)	62	0.0001 yen	1 security	—	—	—
11	EB(Exchangeable Bonds)	62	0.0001 yen	1 yen	—	—	—

3. 2. 3 **Open Interest of Margin Transactions (as of subscription date)**

No	Item Name	Data Contents	Len	Remarks
1	Local Code	○ When data item 2 (Total / Detail Classification) is “0” (Detail), 9-digit code comprising 4 single-byte spaces, a 4-digit securities code assigned by the Securities Identification Code Committee, and a 1-digit reserve code is set. For stocks, investment trusts, etc., set the securities code (five digits). The issue code is followed by a single “0” when there is no stocks reserve code. For example, 6758 becomes △△△△67580 ○ When data item 2 is other than “0”, all spaces are set.	9	[Space]
2	Total/ Detail Classification	Detailed Records and Aggregate Records Classification Codes 0 : Detail 1 : Loan issues total 2 : Loan issues Prime Market total 3 : Loan issues Standard Market total 4 : Loan issues Growth Market total 5 : Loan issues investment trusts, etc. total 6 : Margin issues total 7 : Margin issues Prime Market total 8 : Margin issues Standard Market total 9 : Margin issues Growth Market total A : Margin issues investment trusts, etc. total B : Other issues (non-loan, non-margin) total C : Other issues (non-loan, non-margin) Prime Market total D : Other issues (non-loan, non-margin) Standard Market total E : Other issues (non-loan, non-margin) Growth Market total F : Other issues (non-loan, non-margin) investment trusts, etc. total G : Grand total H : Prime Market total I : Standard Market total J : Growth Market total K : Investment trusts, etc. total M : Loan issues TOKYO PRO Market total O : Margin issues TOKYO PRO Market total Q : Other issues (non-loan, non-margin) TOKYO PRO Market total S : TOKYO PRO Market total	1	

No	Item Name	Data Contents	Len	Remarks
3	Total Short Position	Total margin trading (negotiable and standardized margin trading) weekend short positions	27	See Attachment 3 for more details.
4	Balance from Previous Week's Short Position	Total margin trading (negotiable and standardized margin trading) weekend short positions compared with previous week	27	See Attachment 3 for more details.
5	Total Long Position	Total margin trading (negotiable and standardized margin trading) weekend long positions	27	See Attachment 3 for more details.
6	Balance from Previous Week's Long Position	Total margin trading (negotiable and standardized margin trading) weekend long positions compared with previous week	27	See Attachment 3 for more details.
7	Short Position for Negotiable Margin Transactions	Negotiable margin trading weekend short positions	27	See Attachment 3 for more details.
8	Balance from Previous Week's Short Position	Negotiable margin trading weekend short positions compared with previous week	27	See Attachment 3 for more details.
9	Short Position for Standardized Margin Transactions	Standardized margin trading weekend short positions	27	See Attachment 3 for more details.
10	Balance from Previous Week's Short Position	Standardized margin trading weekend short positions compared with previous week	27	See Attachment 3 for more details.
11	Long Position for Negotiable Margin Transactions	Negotiable margin trading weekend long positions	27	See Attachment 3 for more details.
12	Balance from Previous Week's Long Position	Negotiable margin trading weekend long positions compared with previous week	27	See Attachment 3 for more details.
13	Long Position for Standardized Margin Transactions	Standardized margin positions weekend long positions	27	See Attachment 3 for more details.
14	Balance from Previous Week's Long Position	Standardized margin positions weekend long positions compared with previous week	27	See Attachment 3 for more details.
15	Issue Types	Issue Classifications 1：Margin issues 2：Loan issues	1	[Space]

No	Item Name	Data Contents	Len	Remarks
		3：Other issues (non-loan, non-margin) △: Set single-byte space in the aggregate records.		
16	Record Date	Record date is set in YYYYMMDD format. When the month or date is single-digit, a "0" is placed in the first M or D column. For example, May 9, 2005 is set as "20050509"	8	

*Regarding numerical data items 3-14.

- For stocks and investment trusts, the figures are respectively set in shares (the former) and lot units (the latter) (displayed five digits after the decimal point).
- The figures are of variable length, and do not drop digits from previous "0"s and spaces. A minus sign is added just before the first digit of negative numbers.

Examples: 250000 becomes 250000.00000

-30000 becomes -30000.00000

Provision Records

In principle, the information provided has a subscription date as of the weekend prior to the provision date.
For example, the data provided on Oct. 28, 2008 is information with a subscription date of Oct. 24.

The provision records are divided into detailed records and aggregate records, with contents are as follows.

(1) The detailed records record the open interest of margin transactions for each security listed on the TSE (domestic stocks, domestic investment trusts, etc. as well as foreign stocks and foreign depository receipts, etc.
(2) The aggregate records display totals for (a) loan issues, (b) margin issues, and (c) other issues (non-loan, non-margin), as well as (d) the grand totals for (a), (b) and (c) categorized by (e) Prime Market, (f) Standard Market, (g) Growth Market, and (h) investment trusts, etc., , and (k) TOKYO PRO Market, as well as (i) the sum of (e) - (h) and (k).

The classifications of the aggregate records relate to the values set in 3.4.4 item 2 “Total/Detail Classification” as follows.

	(a) Loan Issues	(b) Margin Issues	(c) Other Issues (Non-loan, non-margin)	(d) Total of (a), (b) and (c)
(i) Total of (e) and (k)	1	6	B	G
(e) Prime Market (including Prime Market foreign stocks)	2	7	C	H
(f) Standard Market (including Standard Market foreign stocks))	3	8	D	I
(g) Growth Market (including Growth Market foreign stocks)	4	9	E	J
(h) Investment Trusts, Etc. (including other foreign securities)	5	A	F	K
(k) TOKYO PRO Market	M	O	Q	S

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* When contacting us, please indicate that you are using the TMI service.

Attachment 1 Sector Codes and Industry Names

0050	Fishery, Agriculture & Forestry	7150	Insurance
1050	Mining	7200	Other Financing Business
2050	Construction	8050	Real Estate
3050	Foods	9050	Services
3100	Textiles & Apparel	9999	Others
3150	Pulp & Paper		
3200	Chemicals		
3250	Pharmaceuticals		
3300	Oil & Coal Products		
3350	Rubber Products		
3400	Glass & Ceramics Products		
3450	Iron and Steel		
3500	Nonferrous Metals		
3550	Metal Products		
3600	Machinery		
3650	Electric Appliances		
3700	Transportation Equipment		
3750	Precision Instruments		
3800	Other Products		
4050	Electric Power & Gas		
5050	Land Transportation		
5100	Marine Transportation		
5150	Air Transportation		
5200	Warehousing & Harbor Transportation Service		
5250	Information & Communications		
6050	Wholesale Trade		
6100	Retail Trade		
7050	Banks		
7100	Securities & Commodities Futures		

Attachment 2　Market Section Code

No.	Market	Data Item	Code	Remarks
1	TSE	Unlisted	NULL	
2		First Section	1	
3		Second Section	2	
4		Mothers	3	
5		Others	5	
6		JASDAQ Standard	6	
7		JASDAQ Growth	7	
8		TOKYO PRO Market	8	
9		Delisted	9	
10		Prime	A	
11		Standard	B	
12		Growth	C	
13	OSE	Unlisted	NULL	See * below
14		First Section	1	See * below
15		Second Section	2	See * below
16		JASDAQ	3	See * below
17		Others	5	See * below
18		Delisted	9	See * below
19	NSE	Unlisted	NULL	
20		Premier	1	
21		Main	2	
22		Next	3	
23		Others	5	
24		Delisted	9	
25	FSE	Unlisted	NULL	
26		Main Board Market	1	
27		Q-Board	3	
28		Others	5	
29		Delisted	9	
30	SSE	Unlisted	NULL	
31		Main Board Market	1	
32		Ambitious	3	
33		Others	5	
34		Delisted	9	
35	JASDAQ	Unlisted	NULL	See * below
36		Main Board Market	1	See * below
37		NEO	2	See * below
38		Delisted	9	See * below
39	JSDA	Unlisted	NULL	
40		Green Sheet, etc.	3	
41		Delisted	9	

*No. 13-18 indicates the Osaka Securities Exchange data before the merger with TSE effective in July 2013.
No. 35-38 indicates the JASDAQ data before the merger with OSE effected on 2010/10/12.

Attachment 3　Notes Regarding Numerical Data

Numerical data values (other than codes, dates and times) include signs (plus or minus) and decimal points.
The display formats for each type of data are as follows.

No.	LEN	Display Format	Content	Remarks
1	5	sN.NN	Sign (1) + Integers (1) + decimal point (1) + fractions (2)	
2	8	sN.NNNNN	Sign (1) + Integers (1) + decimal point (1) + fractions (5)	
3	17	sNNNNNNNNNNNNN.NN	Sign (1) + Integers (13) + decimal point (1) + fractions (2)	
4	20	sNNNNNNNNNNNNNN.NNNN	Sign (1) + Integers (14) + decimal point (1) + fractions (4)	
5	21	sNNNNNNNNNNNNNNNNNNNN	Sign (1) + Integers (20)	
6	26	sNNNNNNNNNNNNNNNNNNNN.NNNN	Sign (1) + Integers (20) + decimal point (1) + fractions (4)	
7	27	sNNNNNNNNNNNNNNNNNNNN.NNNNN	Sign (1) + Integers (20) + decimal point (1) + fractions (5)	
8	28	sNNNNNNNNNNNNNNNNNNNN.NNNNNN	Sign (1) + Integers (20) + decimal point (1) + fractions (6)	

s: Indicates the sign; only displayed when the sign is minus (-)
N: Indicates numerical data

Attachment 4 Regarding the Display Contents for Each Stock Exchange Margin Transaction in the Master File

If the separate file “Change in Securities Master Information” provides change in market section or margin transaction information for any markets after the renewal of the TMI in August 2008,, and the effective date for the information arrives, the margin transaction is set at “0” when the market section is “Null” for non listing exchanges.

In other cases, for example, for records with no changes in market section and margin transaction following the renewal of the TMI, the margin transaction is set at single-byte space when the market section is “Null” for non listing exchanges.

There have actually been no changes in stock market information (market category or margin category) for any market since the renewal of the TMI

Local Code	TSE		OSE		NSE	
	Market Section	Margin Transaction	Market Section	Margin Transaction	Market Section	Margin Transaction
1301	1	1	NULL	△	NULL	△

↓

The TSE margin transaction has changed since the renewal. In addition to the changes in the TSE margin transaction, for other markets when the market section is “Null” the margin transaction has been changed to “0”.

Local Code	TSE		OSE		NSE	
	Market Section	Margin Transaction	Market Section	Margin Transaction	Market Section	Margin Transaction
1301	1	2	NULL	0	NULL	0

Record of Changes

No	version	Date	Pages	Changes
1	1.0	2009/5/26		Initial Publication
2	1.1		33	Added “other than new stock” to the Data Contents field for number 4, “Issue Code”.
3	1.1		34、35, 36	Added “Initial price set at 0.0000” to 3.2.5 numbers 11 and 15, and 3.2.6 numbers 11 and 12.
4	1.1		36	Changed the setting contents to “NULL is set” in numbers 14 and 15, “Trading Value” and “VWAP”. Changed the contents of the “Trading Value” and “VWAP” fields to “-“ in the subsequent unit details chart.
5	1.XX	Applied after Tdex+ launch	36	Included information on data recorded for options in the final paragraph of 3.2.6. This entry, however, will be applied after the launch of Tdex+ (May, 2010).
6	1.2		36	Replaced “NULL for all” with recorded contents for “Trading Value” and “VWAP” under numbers 14 and 15. Also entered recorded contents for “Trading Value” and “VWAP” in the subsequent unit details chart.
7	1.2		32	Added to the entries for “Trading Value” and “VWAP” in the last paragraph of 3.2.4 on data recorded for options.
8	1.2		32	Included information on data recorded for futures spread transactions in the last paragraph of 3.2.4.
9	1.3		32	Changed the number of digits from 5 to 8 for item number 68 “Master File 2 (TSE Listed Companies)”
10	1.3		48	Included item 2 (LEN8) as a display method in Attachment 4.
11	1.4		33	Added Product Class Code 62 “Exchangeable Bonds” to 3.2.5.

No	version	Date	Pages	Changes
12	1.4		34	Added number 7 “Exchangeable Bonds (EB)” to the unit details chart under 3.2.5.
13	1.5	2011/8/5	3	Changed the provision time for O/H/L/C Price (Derivatives) under 3.3 Timing of File Updates and Information Provided.
14	1.5	2011/8/5	33	Added Domestic Beneficiary Certificates (other) and Foreign Stocks (Mothers) to “11”, Domestic Stocks (Mothers) and Domestic Beneficiary Certificates (2nd section) to “12”, and Foreign Investment Securities and Foreign Beneficiary Certificates to “13” within 3 “Product Class Code” under 3.2.5 O/H/L/C Price (Cash Securities)
15	1.5	2011/8/5	33	Added “69 Individual Stock Options” to number 3 “Product Class Code” under 3.2.6 O/H/L/C Price (Derivatives)
16	1.5	2011/8/5	34	Added to the “Remarks” column for number 12 “Settlement price /Contract price for margin calculation” under 3.2.6 O/H/L/C Price (Derivatives)
17	1.5	2011/8/5	34	Indicated that 0.0000 is set the initial value for all issues is 0.0000 for number 15 “VWAP” under 3.2.6 O/H/L/C Price (Derivatives)
18	1.5	2011/8/5	34	Added number 16 “Position Balance” under 3.2.6 O/H/L/C Price (Derivatives)
19	1.5	2011/8/5	34	Deleted “VWAP (unit)” in “Unit Details” under 3.2.6 O/H/L/C Price (Derivatives)
20	1.5	2011/8/5	36	Added “Individual Stock Options” in “Unit Details” under 3.2.6 O/H/L/C Price (Derivatives)
21	1.5	2011/8/5	36	Added “Position Balance” column in “Unit Details” under 3.2.6 O/H/L/C Price (Derivatives)
22	1.5	2011/8/5	36	Changed trading value unit for item 3 “Bond Futures (Government Bond Futures)” in “Unit Details” under 3.2.6 O/H/L/C Price (Derivatives)
23	1.5	2011/8/5	42	Added 4. Information on operation in the event of a malfunction.
24	1.5	2011/8/5	42	Added 5. Contact

No	version	Date	Pages	Changes
25	2.3	2022/4/4	13,15,17,23	Although the update of the English version of the file was suspended, the English version has been updated from this time. * The following record of change is about the change from Japanese ver2.2(previous Japanese version), and records of change from the latest English version are omitted. 3.2.2 O/H/L/C Price (Cash Securities) Added the following for No.3 “21” for Prime(domestic stocks) “22” for Standard (domestic stocks) “23” for Growth (domestic stocks) “24” for TOKYO PRO Market (domestic stocks) “25” for investment beneficiary certificate “26” for investment trust beneficiary certificate ※Correct ”Unit Details” as well. 3.2.3 Open Interest of Margin Transactions (as of subscription date) Correct as following for No.2. 0：Detail 1：Loan issues total 2：Loan issues Prime Market total 3：Loan issues Standard Market total 4：Loan issues Growth Market total 5：Loan issues investment trusts, etc. total 6：Margin issues total 7：Margin issues Prime Market total 8：Margin issues Standard Market total 9：Margin issues Growth Market tota A：Margin issues investment trusts, etc. total B：Other issues (non-loan, non-margin) total C：Other issues (non-loan, non-margin) Prime Market total D：Other issues (non-loan, non-margin) Standard Market total

No	version	Date	Pages	Changes
				E：Other issues (non-loan, non-margin) Growth Market total F：Other issues (non-loan, non-margin) investment trusts, etc. total G：Grand total H：Prime Market total I：Standard Market total J：Growth Market total K：Investment trusts, etc. total M：Loan issues TOKYO PRO Market total O：Margin issues TOKYO PRO Market total Q：Other issues (non-loan, non-margin) TOKYO PRO Market total S：TOKYO PRO Market total Appendix 2(Market Section Code) Added the following for TSE 10 Prime 11 Standard 12 Growth Corrected as follows for NSE 20 Premier 21 Main 22 Next
26	2.4	2022/4/4	19	<Contact> ・Changed as follows. JPX Market Innovation & Research, Inc. Client Service Department

