

PRESS RELEASE

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June 24, 2015

Osaka Exchange, Inc.

New Products and Trading Rule Revisions with Launch of Next Generation Derivatives Trading System

We are pleased to announce trading rule revisions and new products that will be introduced with the launch of the Next Generation Derivatives Trading System (Next J-GATE) scheduled for the middle of 2016.

JPX's vision is to become "The most preferred exchange in Asia," and one of the key strategies toward attaining the goal is "expansion of the derivatives market." The development of Next J-GATE is a vital initiative in the supporting infrastructure.

We aim to make the most of the enhanced system processing capacity and new functionalities of Next J-GATE so as to further improve convenience for investors and market participants. Also, we are considering the introduction of new products, trading rules, and functionalities as well as revising some existing rules in order to promote market liquidity.

Major points are as follows

- Launch Tokyo Stock Exchange Mothers Index futures and JPX-Nikkei Index 400 options.
- Extend the Night Session by moving down the close from 3:00 am to 5:30 am.
- Move up the start of the Day Session for index futures from 9:00 am to 8:45 am.
- Introduce time periods during which no order amendment/cancellation will be accepted (Non-Cancel Period: NCP) for some products.
- Provide pre-trade risk management tools which are similar to those commonly available at major overseas exchanges.

OSE is accepting public comment regarding this matter via the JPX website from today.

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Outline of Specifications for TSE Mothers Index Futures

June 24, 2015
Osaka Exchange, Inc.

Items	Contents	Notes
I. Purpose	<ul style="list-style-type: none"> In light of providing opportunities for various forms of investment, including hedging, in Japanese emerging markets, Osaka Exchange, Inc. (OSE) will introduce futures based on Tokyo Stock Exchange Mothers Index (hereafter "TSE Mothers"), which is a leading domestic emerging companies index. 	
II. Contract Specifications		
1. Underlying Index	<ul style="list-style-type: none"> The underlying index is TSE Mothers. 	
2. Trading		
(1) Trading Sessions and Trading Hours	<ul style="list-style-type: none"> Auction trading will be divided into day and night sessions with the trading hours as follows. <ul style="list-style-type: none"> a. Day session <ul style="list-style-type: none"> Opening auction 8:45 a.m. Regular session From 8:45 a.m. to 3:10 p.m. Closing auction 3:15 p.m. b. Night session <ul style="list-style-type: none"> Opening auction 4:30 p.m. Regular session From 4:30 p.m. to 5:25 a.m. the next day Closing auction 5:30 a.m. the next day 	<ul style="list-style-type: none"> Same as other stock index futures (matters that are not described in this document will be same as other stock index futures after implementation of next J-GATE; the same shall apply hereinafter). The non-cancel period, which will be introduced with next J-GATE, will not apply.
(2) Trading Method	<ul style="list-style-type: none"> Trading will be conducted by individual auction through the trading system. 	<ul style="list-style-type: none"> The trading system will be next J-GATE.
3. Contract Months and	<ul style="list-style-type: none"> The 5 nearest consecutive quarterly contract months (March, June, September, 	<ul style="list-style-type: none"> Trading period is up to 15 months.

(Reference Translation)

Items	Contents	Notes
Number thereof 4. Contract Size and Orders, etc. (1) Contract Size (2) Bids and Offers (3) Tick Size (4) Price Limits on Bids/Offeres 5. Suspension of Trading	December) will be listed, and the last trading day of each contract month will be the business day preceding the 2nd Friday of the corresponding contract month (to be moved up accordingly if it falls on a non-business day). <ul style="list-style-type: none">Trading in a new contract month will start from the day session of the business day after the last trading day of the nearest contract month. <ul style="list-style-type: none">Trading unit will be JPY 1,000 multiplied by the index value of TSE Mothers.Market orders and limit orders will be available along with the validity period and execution volume conditions specified by OSE. <ul style="list-style-type: none">Tick size will be 0.5 points. <ul style="list-style-type: none">Bids and offers may not be made at prices beyond the price limits on bids/offers defined by OSE.The range for the price limits on bids/offers will be 8% from the reference price for calculating this price limit range (as a general rule, the settlement price on the previous trading day) (rounded down to the nearest 0.5 points).The upper or lower price limit range will be expanded when the Circuit Breaker is triggered, and will be obtained by multiplying the reference price for calculating the price limit range by 12% (1st expansion) and 16% (2nd expansion) respectively (rounded down to the nearest 0.5 points).	<ul style="list-style-type: none">The same rules as for other stock index futures will apply for validity period and execution volume conditions.The value of 1 tick will be JPY 500.In principle, the same rules as for other domestic stock index futures.

(Reference Translation)

Items	Contents	Notes
and Temporary Trading Halts		
(1) Suspension of Trading	<ul style="list-style-type: none"> • OSE may suspend trading in the following situations: <ul style="list-style-type: none"> a. In cases where OSE deems that trading conditions are irregular; b. In cases where OSE deems it inappropriate to continue trading in terms of trading supervision; c. In cases where OSE deems it difficult to continue trading through the trading system due to trading system malfunction, etc. 	<ul style="list-style-type: none"> • Same as other stock index futures.
(2) Temporary Trading Halt (Circuit Breaker)	<ul style="list-style-type: none"> • In the case where a buy (sell) order is placed (or executed) for the central contract month at the upper (lower) daily price limit, and no subsequent trades are executed outside the 10% price limit range from said upper (lower) price limit in the next minute, as a general rule, trading in all contract months will be suspended for at least 10 minutes. • In the case where the Circuit Breaker is triggered, the upper (lower) price of the daily price limit for all contract months will be expanded. 	<ul style="list-style-type: none"> • Same as other stock index futures.
(3) Immediately Executable Price Range (Dynamic Circuit Breaker)	<ul style="list-style-type: none"> • The Dynamic Circuit Breaker (hereinafter "DCB") will apply to each contract month in the regular session as follows. <ul style="list-style-type: none"> a. When a bid or offer that is likely to be executed beyond the price range that is determined by OSE from the DCB reference price (hereinafter "DCB range") is accepted, all matching trades within the DCB range will be executed and trading will be suspended for a certain period. b. If trading has been suspended for a certain period pursuant to a. above and the matching price falls beyond the DCB range from the reference price, trading will not resume, the DCB reference price will be updated to the price within the DCB range that is nearest the matching price, and trading will again be suspended for a certain period. 	<ul style="list-style-type: none"> • Same as other stock index futures. • The DCB reference price will be the middle price between the last best bid and offer (including the contract price). • The DCB range shall be up/down 0.8% of the DCB reference price, and the duration of the trading suspension shall be 30 seconds as a general rule.

(Reference Translation)

Items	Contents	Notes
6. Restrictions on Trading	<ul style="list-style-type: none">• In cases where OSE deems that trading conditions are, or are likely to be, irregular, OSE may take necessary action on trading and accepting the entrustment of orders pursuant to OSE rules.	<ul style="list-style-type: none">• Same as other stock index futures.
7. Strategy Trading	<ul style="list-style-type: none">• Strategy trading for TSE Mothers futures will be available to trading participants pursuant to OSE rules.• The tick size for strategy trading will be 0.1 point.	<ul style="list-style-type: none">• Only Calendar Spread Trading will be available.• Other matters related to strategy trading will be the same as for other stock index futures.
8. J-NET Trading (Block Trade)	<ul style="list-style-type: none">• J-NET trading for TSE Mothers futures will be available to trading participants pursuant to OSE rules.• The tick size for strategy trading will be 0.0001 point.	<ul style="list-style-type: none">• Other matters related to J-NET trading will be the same as for other stock index futures.
9. Give-up	<ul style="list-style-type: none">• Give-up will be available for TSE Mothers futures.	<ul style="list-style-type: none">• Same as other stock index futures.
10. Trading Participants	<ul style="list-style-type: none">• Trading participants with Futures, etc. Trading Qualification will be able to trade TSE Mothers futures directly in the OSE market.	<ul style="list-style-type: none">• Same as other stock index futures.
III. Clearing and Settlement		
1. Clearing Organization	<ul style="list-style-type: none">• Trades of TSE Mothers futures shall be cleared by Japan Securities Clearing Corporation (hereinafter "JSCC").	<ul style="list-style-type: none">• Same as other stock index futures.
2. Clearing and Settlement		

(Reference Translation)

Items	Contents	Notes
(1) Declaration of Resale or Repurchase	<ul style="list-style-type: none">• In cases where a resale or repurchase transaction is executed, clearing participants shall make a declaration to JSCC by a time specified by JSCC indicating, for each contract month, whether such transaction was a resale or repurchase, the number of contracts in such transaction, and whether it was conducted based on entrustment by a customer or for a proprietary account. Non-clearing participants shall make such declaration to their designated clearing participants by a time specified by said clearing participants. However, non-clearing participants will be allowed to make a declaration directly to JSCC as specified by JSCC.	<ul style="list-style-type: none">• Same as other stock index futures.
(2) Settlement Price	<ul style="list-style-type: none">• Settlement prices for TSE Mothers futures will be determined by JSCC.	<ul style="list-style-type: none">• Same as other stock index futures.
(3) Mark-to-Market	<ul style="list-style-type: none">• Delivery and receipt of the following differences in the amounts shall be made between clearing participants and JSCC and between non-clearing participants and their designated clearing participants.<ul style="list-style-type: none">a. With regard to new transactions on the trading day, the amount for the differences between the day's settlement price and the contract price.b. With regard to unsettled contracts (excluding a. above), the amount for the difference between the previous day's settlement price and the day's settlement price.	<ul style="list-style-type: none">• Same as other stock index futures.
(4) Margin	<ul style="list-style-type: none">• Clearing participants shall submit or deposit to JSCC, and non-clearing participants shall submit or deposit to their designated clearing participants, an amount of margin that is equivalent to or greater than that required by JSCC in accordance with the classification of entrustment by clearing participant's customer or proprietary account.	<ul style="list-style-type: none">• Same as other stock index futures.

(Reference Translation)

Items	Contents	Notes
(5) Final Settlement	• Positions for which resale or repurchase transactions were not conducted by the last trading day will be settled, based on the final settlement price for each contract month, on the business day after such final settlement price is determined.	
(6) Final Settlement Price	• Final settlement price will be determined on the business day after the last trading day and this price will be calculated based on the opening prices of each component issue on that day.	
IV. Others		
1. Trading Fees	• The trading fee per contract will be determined at a later date.	
2. Market Maker Scheme	• A market maker scheme will be introduced to complement market liquidity.	• Details will be notified later.
3. Disclosure of Information		
(1) Market Data	• Open/high/low/close price data, trading volume, open interest, and other market information on TSE Mothers futures will be published separately from other stock index futures.	• Same as other stock index futures.
(2) Trading by Trading Participant	• For the time being, trading volume and open interests per trading participant will not be disclosed.	
(3) Trading by Investor Type	• Trading volume and value for sales and purchases by different categories of investors will be published separately from other stock index futures.	• The specific frequency and method of disclosure will be the same as for other stock index futures.
V. Implementation Date	• TSE Mothers futures will start trading on the launch date of next J-GATE (scheduled for the middle of 2016).	

Outline of Specifications for JPX-Nikkei 400 Options

June 24, 2015

Osaka Exchange, Inc.

Items	Contents	Notes
I. Purpose	<ul style="list-style-type: none"> Considering the current trading conditions of JPX-Nikkei Index 400 futures (hereafter "JPX-Nikkei 400 futures"), launched in November 2014, and the needs of market participants, Osaka Exchange, Inc. (OSE) will introduce options based on the JPX-Nikkei Index 400 (hereafter "JPX-Nikkei 400 options"). 	
II. Contract Specifications		
1. Contracts	<ul style="list-style-type: none"> The contracts for trading will be put options and call options that pertain to the JPX-Nikkei Index 400 (hereafter "JPX-Nikkei 400"), the underlying index. 	
2. Trading		
(1) Trading Sessions and Trading Hours	<ul style="list-style-type: none"> Auction trading will be divided into day and night sessions with the trading hours as follows. <ul style="list-style-type: none"> a. Day session <ul style="list-style-type: none"> Opening auction 9:00 a.m. Regular session From 9:00 a.m. to 3:10 p.m. Closing auction 3:15 p.m. b. Night session <ul style="list-style-type: none"> Opening auction 4:30 p.m. Regular session From 4:30 p.m. to 5:25 a.m. the next day Closing auction 5:30 a.m. the next day 	<ul style="list-style-type: none"> Same as other index options (matters that are not described in this document will be same as other index options after implementation of next J-GATE; the same shall apply hereinafter). The non-cancel period, which will be introduced with next J-GATE, will not apply.
(2) Trading Method	<ul style="list-style-type: none"> Trading will be conducted by individual auction through the trading system. 	<ul style="list-style-type: none"> The trading system will be next J-GATE.

(Reference Translation)

Items	Contents	Notes
3. Contract Months and Number thereof	<ul style="list-style-type: none">• 19 contract months will be listed, and the last trading day of each contract month will be the business day preceding the 2nd Friday of the corresponding contract month (to be moved forward accordingly if it falls on a non-business day).<ul style="list-style-type: none">➤ June and December: 10 nearest contract months➤ March and September: 3 nearest contract months➤ Others: 6 nearest contract months• Trading in a new contract month will start from the day session of the business day after the last trading day of the nearest contract month.	<ul style="list-style-type: none">• Trading period is up to 5 years.
4. Strike Prices and Number thereof (1) New Setting (2) Additional Setting	<ul style="list-style-type: none">• Strike prices will be set at the nearest integer multiple of 500 points (if there are two such numerical values, whichever is higher; the same will apply hereafter) from the last price of JPX-Nikkei 400 as the At-the-Money (hereafter "ATM"), and at the nearest 8 integer multiples of 500 points respectively above and below the ATM.• Additional strike prices set after the initial trading day of each contract month will be based on the following items.<ul style="list-style-type: none">a. Contract months for which the 2nd Friday of the month, after which the residual expiration period will be less than 3 months, has not arrived.<ul style="list-style-type: none">In the case where there are 7 or less existing strike prices either above or below the ATM, additional strike prices will be set until there are 8 strike prices at consecutive integer multiples of 500 points above and below the ATM for such contract month.b. Other contract months described in a. above (i.e., the 3 nearest contract months).<ul style="list-style-type: none">In the case where there are 7 or less existing strike prices (limited to those set at consecutive integer multiples of 250 points from the ATM) either above or below the	

(Reference Translation)

Items	Contents	Notes						
5. Contract Multiplier and Bids/Offers, etc. (1) Contract Multiplier (2) Bids and Offers (3) Tick Size (4) Price Limits on Bids/Offers	<p>ATM, which is set at the nearest integer multiple of 250 points from the last price of JPX-Nikkei 400, additional strike prices will be set until there are 8 strike prices above and below the ATM at consecutive integer multiples of 250 points from the ATM for such contract month.</p> <ul style="list-style-type: none">Contract multiplier will be JPY 1,000.Market orders and limit orders will be available along with the validity period and execution volume conditions specified by OSE.Tick sizes will be based on the bid/offer price as follows.<table border="1" data-bbox="568 887 1406 1040"><thead><tr><th>Bid/Offer Price</th><th>Tick Size</th></tr></thead><tbody><tr><td>50 points or less</td><td>1 point</td></tr><tr><td>More than 50 points</td><td>5 points</td></tr></tbody></table>Bids and offers may not be made beyond the price limits on bids/offers defined by OSE.The range for the price limits on bids/offers will be a value from the reference price (hereafter "price limit range") that is set based on such reference price (as a general rule, the settlement price on the previous trading day).The price limit range will be a value obtained by multiplying the reference price for calculating the price limit range for JPX-Nikkei 400 futures by ratio (1) in the table below.	Bid/Offer Price	Tick Size	50 points or less	1 point	More than 50 points	5 points	<ul style="list-style-type: none">Contract size of JPX-Nikkei 400 futures is JPY 100 multiplied by the index value of JPX-Nikkei 400.The same rules as for other index options will apply to validity period and execution volume conditions.As a general rule, the same as for other index options.The reference price for calculating the price limit range for JPX-Nikkei 400 futures is the average value of
Bid/Offer Price	Tick Size							
50 points or less	1 point							
More than 50 points	5 points							

(Reference Translation)

Items	Contents	Notes																				
6. Suspension of Trading and Temporary Trading Halts (1) Suspension of Trading	<ul style="list-style-type: none">The upper or lower price limit range will be expanded when the Circuit Breaker is triggered, and will be a value obtained by multiplying the price for calculating the price limit range by ratio (2) and ratio (3) respectively in the table below.<table border="1" data-bbox="546 320 1599 751"><thead><tr><th>Reference Price</th><th>Price Limit Range (1)</th><th>First Expansion (2)</th><th>Second Expansion (3)</th></tr></thead><tbody><tr><td>Less than 50 points</td><td>4 %</td><td>7 %</td><td>10 %</td></tr><tr><td>50 points or more but less than 200 points</td><td>6 %</td><td>9 %</td><td>12 %</td></tr><tr><td>200 points or more but less than 500 points</td><td>8 %</td><td>11 %</td><td>14 %</td></tr><tr><td>500 points or more</td><td>11 %</td><td>14 %</td><td>17 %</td></tr></tbody></table>OSE may suspend trading in the following situations:<ul style="list-style-type: none">In cases where OSE deems that trading conditions are irregular;In cases where OSE deems it inappropriate to continue trading in terms of trading supervision;In cases where OSE deems it difficult to continue trading through the trading system due to trading system malfunction, etc.	Reference Price	Price Limit Range (1)	First Expansion (2)	Second Expansion (3)	Less than 50 points	4 %	7 %	10 %	50 points or more but less than 200 points	6 %	9 %	12 %	200 points or more but less than 500 points	8 %	11 %	14 %	500 points or more	11 %	14 %	17 %	<p>the reference prices of the central contract month on each trading day during the 20-day period counting from the trading day that is 25 days prior to the first trading day of the March, June, September, and December contracts.</p> <ul style="list-style-type: none">Same as other index options.
Reference Price	Price Limit Range (1)	First Expansion (2)	Second Expansion (3)																			
Less than 50 points	4 %	7 %	10 %																			
50 points or more but less than 200 points	6 %	9 %	12 %																			
200 points or more but less than 500 points	8 %	11 %	14 %																			
500 points or more	11 %	14 %	17 %																			

(Reference Translation)

Items	Contents	Notes
(2) Temporary Trading Halt (Circuit Breaker)	<ul style="list-style-type: none">• If the circuit breaker is triggered for JPX-Nikkei 400 futures and trading is halted, trading in all issues of JPX-Nikkei 400 options will also be temporarily halted.• If trading is temporarily halted, the upper and lower price limits on bids/offers for all issues will be expanded.	<ul style="list-style-type: none">• Same as other index options.
(3) Immediately Executable Price Range (Dynamic Circuit Breaker)	<ul style="list-style-type: none">• The Dynamic Circuit Breaker (hereinafter "DCB") will apply to each issue in the regular sessions as follows.<ul style="list-style-type: none">a. When a bid or offer that is likely to be executed beyond the price range that is determined by OSE from the DCB reference price (hereinafter "DCB range") is accepted, all matching trades within the DCB range will be executed and trading will be suspended for a certain period.b. If trading has been suspended for a certain period pursuant to a. above and the matching price falls beyond the DCB range from the reference price, trading will not resume, the DCB reference price will be updated to the price within the DCB range that is nearest the matching price, and trading will again be suspended for a certain period.	<ul style="list-style-type: none">• Same as other index options.• The DCB reference price will be the middle price between the last best bid and offer (including the contract price).• The DCB range shall be up/down 10 ticks from the DCB reference price, and the duration of the trading suspension shall be 15 seconds.
7. Method of Trading Restriction	<ul style="list-style-type: none">• In cases where OSE deems that trading conditions are, or are likely to be, irregular, OSE may take necessary action on trading and accepting the entrustment of orders pursuant to OSE rules.	<ul style="list-style-type: none">• Same as other index options.
8. Strategy Trading	<ul style="list-style-type: none">• Strategy trading for JPX-Nikkei 400 options will be available to trading participants pursuant to OSE rules.• The tick size for strategy trading will be 1 point.	<ul style="list-style-type: none">• Implied function will not be available.• Other matters related to strategy trading will be same as for other index options.

(Reference Translation)

Items	Contents	Notes
9. J-NET Trading (Block Trade)	<ul style="list-style-type: none">• J-NET trading for JPX-Nikkei 400 options will be available to trading participants pursuant to OSE rules.• The tick size for strategy trading will be 0.0001 point.	<ul style="list-style-type: none">• Other matters related to J-NET trading will be the same as for other index options.
10. Give-up	<ul style="list-style-type: none">• Give-up will be available for JPX-Nikkei 400 options.	<ul style="list-style-type: none">• Same as other index options.
11. Trading Participants	<ul style="list-style-type: none">• Trading participants with Futures, etc. Trading Qualification will be able to trade JPX-Nikkei 400 options directly in the OSE market.	<ul style="list-style-type: none">• Same as other index options.
III. Clearing and Settlement		
1. Clearing Organization	<ul style="list-style-type: none">• Trades of JPX-Nikkei 400 options shall be cleared by Japan Securities Clearing Corporation (hereinafter "JSCC").	<ul style="list-style-type: none">• Same as other index options.
2. Clearing and Settlement		
(1) Declaration of Resale or Repurchase	<ul style="list-style-type: none">• In cases where a resale or repurchase transaction is executed, clearing participants shall make a declaration to JSCC by a time specified by JSCC indicating, for each issue, whether such transaction was a resale or repurchase, the number of contracts in such transaction, and whether it was conducted based on entrustment by a customer or for a proprietary account. Non-clearing participants shall make such declaration to their designated clearing participants by a time specified by said clearing participants. However, non-clearing participants will be allowed to make a declaration directly to JSCC as specified by JSCC.	<ul style="list-style-type: none">• Same as other index options.
(2) Settlement Price	<ul style="list-style-type: none">• Settlement prices for JPX-Nikkei 400 options will be determined by JSCC.	<ul style="list-style-type: none">• Same as other index options.

(Reference Translation)

Items	Contents	Notes
(3) Payment/Receipt of Options Premiums	<ul style="list-style-type: none">• When a transaction of JPX-Nikkei 400 options is executed, the clearing participants shall pay (receive) the options premium to (from) JSCC, and, in this case, non-clearing participants shall pay (receive) the options premium to (from) its designated clearing participant.	<ul style="list-style-type: none">• Same as other index options.
(4) Margin	<ul style="list-style-type: none">• Clearing participants shall submit or deposit to JSCC, and non-clearing participants shall submit or deposit to their designated clearing participants an amount of margin that is equivalent to or greater than that required by JSCC in accordance with the classification of entrustment by clearing participant's customer or proprietary account.	<ul style="list-style-type: none">• Same as other index options.
(5) Exercise a. Notification and Assignment of Exercise of Options b. Exercise Date c. Settlement of Exercise	<ul style="list-style-type: none">• Clearing participants shall notify JSCC of the matters below by a time specified by JSCC, and non-clearing participants shall make such declaration to its designated clearing participant by a time specified by said clearing participant. However, non-clearing participants will be allowed to make a declaration directly to JSCC based on JSCC provisions.• For exercise for long positions on JPX-Nikkei 400 options, the classification of entrustment by clearing participant's customer or proprietary account and the number of contracts for each issue in the transaction.• In the case where a clearing participant notifies JSCC of options exercise, JSCC will carry out assignment of the number of contracts corresponding to exercise for each issue pursuant to JSCC rules.• Exercise date will be the business day after the last trading day of each contract month.• When JPX-Nikkei 400 options are exercised, settlement will be made, based on the options settlement price, on the business day after the exercise date.	<ul style="list-style-type: none">• A put (call) option at a strike price that is higher (lower) than the options settlement price will be deemed to have been subject to such notification of exercise even if such notification is not given.• However, the above will not apply if the clearing participant notifies of non-exercise.• Other matters related to options exercise will be the same as for other index options.

(Reference Translation)

Items	Contents	Notes
(6) Options Settlement Price	<ul style="list-style-type: none">Options settlement price will be determined after the close of the day session on the exercise date and this price will be calculated based on the opening prices of each component issue on that day.	
IV. Others		
1. Trading Fees	<ul style="list-style-type: none">The trading fee per contract will be determined at a later date.	
2. Market Maker Scheme	<ul style="list-style-type: none">A market maker scheme will be introduced to complement market liquidity.	<ul style="list-style-type: none">Details will be notified later.
3. Disclosure of Information		
(1) Market Data	<ul style="list-style-type: none">Open/high/low/close price data, trading volume, open interest, and other market information on JPX-Nikkei 400 options will be published separately from other index options.	<ul style="list-style-type: none">Same as other index options.
(2) Trading by Trading Participant	<ul style="list-style-type: none">For the time being, trading volume and open interest per trading participant will not be disclosed.	
(3) Trading by Investor Type	<ul style="list-style-type: none">Trading volume and value for sales and purchases by different categories of investors will be published separately from other index options.	<ul style="list-style-type: none">The specific frequency and method of disclosure will be the same as for other index options.
V. Implementation Date	<ul style="list-style-type: none">JPX-Nikkei 400 options will start trading on the launch date of next J-GATE (scheduled for the middle of 2016).	

Note: "JPX-Nikkei Index 400" (hereinafter referred to as "JPX-Nikkei 400") is copyrighted work calculated through methods independently developed by Japan Exchange Group, Inc. (JPX), Tokyo Stock Exchange, Inc. (TSE) and Nikkei Inc. (Nikkei). JPX, TSE and Nikkei own copyrights and any other intellectual property rights to JPX-Nikkei 400 and the methods used to calculate JPX-Nikkei 400. All the business and trading regulations on futures contracts based on JPX-Nikkei 400 shall be

(Reference Translation)

managed under the responsibilities of Osaka Exchange, Inc. and its trading participants, etc. Accordingly, JPX, TSE and Nikkei, which manages JPX-Nikkei 400, shall not assume any obligations or responsibilities for related business and trading regulations. JPX, TSE and Nikkei shall not be obligated to continuously publish JPX-Nikkei 400. JPX, TSE and Nikkei shall not be liable for any error, delay or discontinuation of publication of JPX-Nikkei 400. JPX, TSE and Nikkei shall have the rights to make any changes in component stocks, calculation methods and any other elements or contents of JPX-Nikkei 400. JPX, TSE and Nikkei shall also have the right to discontinue publishing JPX-Nikkei 400.

Revisions to Trading Rules in Connection with Launch of Next J-GATE

As of June 24, 2015

Osaka Exchange, Inc.

I. Purpose

OSE is developing next J-GATE for launch in the middle of 2016 to provide supporting infrastructure for the "Expansion of the Derivatives Market," one of the core strategies of the JPX medium-term management plan.

Compared to current J-GATE, next J-GATE will have enhanced processing capacity and reliability, be able to accommodate products that are not available in current J-GATE, and have expanded functionality, such as those for risk management, capitalizing on new technology to the maximum extent possible.

OSE will revise the trading rules as follows, to be effective at the launch of next J-GATE, with the aim of enhancing reliability and convenience for market users, including investors and trading participants, to increase liquidity, making the most of the enhanced processing capacity and functionality of the new trading system.

II. Outline

Items	Contents	Remarks
1. Extension of trading hours (1) Change to start time of regular session of day session for index futures	<ul style="list-style-type: none">• The start time of the regular session of the day session for index futures, excluding Nikkei 225 VI Futures (meaning futures whose underlying index is the Nikkei Stock Average Volatility Index; the same shall apply hereinafter), shall be changed to 8:45 a.m.• In tandem with this change, the time of the opening auction of the day session shall be changed to 8:45 a.m.	<ul style="list-style-type: none">• Currently, the opening auction is conducted at 9:00 a.m. and the regular session starts at 9:00 a.m.• Same as current, orders for the opening auction can be accepted from 8:00 a.m.

Items	Contents	Remarks
(2) Expansion of night session	<ul style="list-style-type: none"> • The night session shall be introduced for Nikkei 225 VI Futures. • The closing time of the regular session of the night session shall be changed to 5:25 a.m. and the closing auction of the night session shall be conducted at 5:30 a.m. • However, for Nikkei 225 VI Futures, the closing time of the regular session in the night session shall be 6:55 p.m. and the closing auction of the night session shall be conducted at 7:00 p.m. 	<ul style="list-style-type: none"> • Corresponding revisions will be made to J-NET trading rules. • Currently, the closing auction of the night session is conducted at 3:00 a.m.
2. Revision of trading method		
(1) Introduction of Non-Cancel Period	<ul style="list-style-type: none"> • A new one-minute period during which new orders can be placed and existing orders cannot be amended or cancelled (hereinafter referred to as “Non-Cancel Period”) shall be introduced before the opening auction of the day and night sessions and the closing auction of the night session for products designated by OSE. • However, trading participants can still cancel erroneous orders during the Non-Cancel Period if these orders satisfy criteria specified by OSE. 	<ul style="list-style-type: none"> • Order amendment and cancellation shall be blocked by next J-GATE. • For the time being, the products designated by OSE shall be Nikkei 225 Futures (including Nikkei 225 mini) and TOPIX Futures (excluding mini TOPIX). • The method for cancelling erroneous orders will be notified separately.
(2) Change to rules to determine contract price by Itayose Method	<ul style="list-style-type: none"> • If the total quantity of buy (sell) market orders exceeds the total quantity of sell (buy) orders, transactions will be effected at the price that is one tick above (below) the highest (lowest) limit order price. However, if such price corresponds to a zero difference, execution shall be effected at the next higher price tick. 	<ul style="list-style-type: none"> • Even if the price that satisfies the conditions at left is outside the price limit on bids/offers, execution shall be effected at such price.

Items	Contents	Remarks
(3) Change to Market to Limit Order	<ul style="list-style-type: none">The conditions for order expiration shall be changed for Market to Limit Order (meaning a limit order that is placed without a specific price for execution at the best price). In concrete terms, if next J-GATE accepts a Market to Limit Order and there is no limit order on the opposite side, such order will be cancelled.	<ul style="list-style-type: none">Other partial revisions shall be made. Refer to Appendix 1 for comparison with the current rules.Refer to Appendix 2 for comparison with the current rules.
(4) Change to reference price of immediately executable price range	<ul style="list-style-type: none">For all products, the reference price of the immediately executable price range (hereinafter referred to as "DCB Reference Price") shall be the middle price of the last best bid and offer (including the last contract price).	<ul style="list-style-type: none">Currently, the last contract price is applied as the DCB Reference Price for some products.
(5) Revision to price limits on bids and offers pertaining to index options	<ul style="list-style-type: none">Price limits on bids and offers pertaining to index options shall be set by underlying index based on the reference price for each issue.	<ul style="list-style-type: none">Currently, the same price limits on bids and offers are applied to all issues for each underlying index.Refer to Appendix 3 for the revised price limits on bids and offers.
3. Revision to method of setting issues related to options trading		

Items	Contents	Remarks
(1) Increase in number of contract months of TOPIX Options	<ul style="list-style-type: none"> • The number of contract months of TOPIX Options shall be increased to 19 (max. 5 years) as follows. <ul style="list-style-type: none"> ➤ June and December: Nearest 10 contract months ➤ March and September : Nearest 3 contract months ➤ Others : Nearest 6 contract months 	<ul style="list-style-type: none"> • Currently, 8 contract months are available for trading for up to 15 months. • Same as Nikkei 225 Options.
(2) Revision to strike price intervals for security options	<ul style="list-style-type: none"> • The intervals for strike prices of security options in the price range from JPY 10,000 to less than JPY 30,000 shall be changed to JPY 500. 	<ul style="list-style-type: none"> • Currently, strike prices from JPY 10,000 to less than JPY 30,000 are set at JPY 1,000 intervals.
(3) Setting strike prices based on application	<ul style="list-style-type: none"> • With respect to options trading excluding security options, in addition to adding strike prices based on the closing price of the underlying assets on the previous business day, strike prices may be set based on application from trading participants. • The application-based strike prices must satisfy criteria specified separately by OSE. Such criteria shall include a condition that the strike prices must be set in accordance with the current strike price intervals. • When such application is made, new strike prices shall, as a general rule, be set on the following business day. 	<ul style="list-style-type: none"> • The application method will be set forth separately. • Contract months for which application-based strike prices can be set shall be limited to those that can be traded on the next business day.
(4) Extension of period to add strike prices related to options	<ul style="list-style-type: none"> • Strike prices shall be, as a general rule, added on the next business day. • As is the case with Options on JGB Futures and Nikkei 225 Options, for security options and TOPIX Options, strike prices can be added until the last trading day based on the closing price of the underlying security and TOPIX on the previous business day. 	<ul style="list-style-type: none"> • Currently, as a general rule, strike prices are not added in the last trading week for security options and TOPIX Options.

Items	Contents	Remarks						
<p>4. Strengthening management systems and frameworks pertaining to erroneous orders</p> <p>(1) Mandatory use of hard-limit function provided by OSE</p> <p>(2) Mandatory establishment of systems and frameworks for management of automatic order placement system malfunctions</p> <p>5. Revision to J-NET trading rules</p> <p>(1) Change to tick size</p> <p>(2) Changes to tradable price range</p>	<ul style="list-style-type: none"> • OSE shall provide a function that makes next J-GATE reject orders that exceed the quantity or value set forth in advance by each trading participant (i.e., hard-limit). • OSE shall require trading participants to use the hard-limit function. • OSE shall require trading participants to manage excessive amount of orders and positions that may occur due to malfunction of automatic order placement systems. • The tick size for J-NET trading shall be changed to JPY 0.0001 or 0.0001 points for all products excluding security options. • Fractions of the trading value or contract value shall be rounded down. • Tradable price range in J-NET trading shall be changed as follows. <table border="1" data-bbox="600 1257 1570 1362"> <thead> <tr> <th></th> <th>After change</th> <th>Current</th> </tr> </thead> <tbody> <tr> <td>Security</td> <td>Reference price for the price limits on</td> <td>Theoretical price \pm Closing</td> </tr> </tbody> </table>		After change	Current	Security	Reference price for the price limits on	Theoretical price \pm Closing	<ul style="list-style-type: none"> • This shall not apply to J-NET trading. • OSE will define automatic order placement systems and issue guidelines on the method and points for order management. • Currently, the smallest tick size in J-NET trading is JPY 0.005 or 0.01 points. • Tradable price range for Options on JGB Futures shall remain unchanged.
	After change	Current						
Security	Reference price for the price limits on	Theoretical price \pm Closing						

Items	Contents			Remarks
	Options	bids and offers of the day ± (Fluctuation range of the price of the underlying security of the day + Closing price of the underlying security on previous trading day × 8%)	price of the underlying security on the previous trading day × 8%	
	Index Options	Same as above. (However, ➤ The reference price of the price limits on bids and offers shall be reassessed every trading day. ➤ As a substitute for the price of the underlying index, the theoretical price (Futures price – Theoretical basis) shall be used. ➤ The multiplying factor for the price of the underlying index shall be 11% (in place of 8%) for contract months excluding the nearest 3 contract months and the weekly contracts.)	Same as above. (However, the closing price of the underlying index is reassessed every trading day)	
(3) Change to the max. number of component issues in combo	<ul style="list-style-type: none"> The maximum number of component issues in combo trading shall be changed from 10 			<ul style="list-style-type: none"> Currently, the maximum number of issues is 10.

Items	Contents	Remarks				
<p>trading</p> <p>6. Others</p> <p>(1) Change to handling of implied function</p> <p>(2) Introduction of GTC/GTD orders for strategy trading</p> <p>(3) Partial change to method for calculating final settlement price for Nikkei 225 VI Futures</p>	<p>to 6. (Combo trading means J-NET trading where transactions in multiple issues are simultaneously effected.)</p> <ul style="list-style-type: none"> Implied function (which generates a bid and offer for the issue involved in the strategy trade from a bid or offer based on a certain strategy) shall be introduced for TOPIX Options. The timestamps of implied orders at the same price in auction trading shall be changed as follows. <table border="1" data-bbox="598 647 1570 906"> <thead> <tr> <th data-bbox="598 647 1081 703">After change</th> <th data-bbox="1081 647 1570 703">Current</th> </tr> </thead> <tbody> <tr> <td data-bbox="598 703 1081 906">The time when the implied order is generated. (If the price of the order is changed later, the timestamp is updated accordingly.)</td> <td data-bbox="1081 703 1570 906">The time when the order for strategy trading is placed.</td> </tr> </tbody> </table> <ul style="list-style-type: none"> For strategy trading (limited to futures calendar spread), GTC/GTD orders shall be introduced. The final settlement price for Nikkei 225 VI Futures shall be changed to a special value that is calculated using the opening price of each issue within 10 minutes from the start time of the day session. 	After change	Current	The time when the implied order is generated. (If the price of the order is changed later, the timestamp is updated accordingly.)	The time when the order for strategy trading is placed.	<ul style="list-style-type: none"> Current, implied function is only available for Options on JGB Futures. Refer to Appendix 4 for comparison with the current rules. Currently, GTC/GTD orders are available for strategy trading of JGB Futures. Currently, the average of Nikkei 225 VI values calculated at 15-second intervals during the 10-minute period from the start time of the day session based on the Nikkei 225 VI calculation
After change	Current					
The time when the implied order is generated. (If the price of the order is changed later, the timestamp is updated accordingly.)	The time when the order for strategy trading is placed.					

(Reference Translation)

Items	Contents	Remarks
(4) Others	• Other necessary revisions shall be made.	methodology.

III. Implementation Date (Scheduled)

These revisions will be implemented on the launch date of next J-GATE (scheduled for the middle of 2016).

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Revision to Itayose condition for determination of contract price (1)

Cond.	Current	After revision
1	The price where bids and offers match, <u>at which there are limit orders on either the buy or sell side.</u>	The price where bids and offers match <u>that is between one tick above the highest bid price and one tick below the lowest offer price</u> ^{*1} .
2	In the case where there are two or more prices that meet Condition 1, the price at which there will be maximum traded volume.	Same as at left
3	In the case where there are two or more prices that meet Condition 2, the price at which the difference between the cumulative volume of sell orders and the cumulative volume of buy orders (hereinafter referred to as "imbalance") is the smallest.	Same as at left
4	In the case where there are two or more prices that meet Condition 3, one of the following prices: (1) In the case where all imbalances are on the sell side, the lowest among such prices; (2) In the case where all imbalances are on the buy side, the highest among such prices; or (3) Otherwise, the price in Condition 5.	Same as at left
5	One of the following prices: (1) In the case where the highest price among the prices at which the imbalance (if there are several prices at which there are imbalances on both sell and buy sides, it shall be limited to the lowest price among the prices at which there are sell-side imbalances and the highest price among the prices at which there are buy-side imbalances; the same shall apply hereinafter) is smallest is lower than the Reference Price, such highest price; (2) In the case where the Reference Price falls within the range of the prices at	Same as at left

	<p>which the imbalance is smallest, the Reference Price*2 ; or</p> <p>(3) In the case where the lowest price, among the prices at which the imbalance is smallest, is higher than the Reference Price, such lowest price.</p>	
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*1 This executable price range may exceed the range defined by the price limits on bids/offers.

*2 "Reference Price" shall be determined as follows:

(1) The last contract price on the trading day;

(2) In the case where the price described in (1) is not available, the reference price for the price limits on bids/offers on the trading day.

Revision to Itayose condition for determination of contract price (2)

Case: Contract price is determined at one tick below the lower price limit on bids/offers

Before Itayose	Sum(A)	Sell	Price	Buy	Sum(B)	Execution	Imbalance	
	30	30	MO					
	:		:					
	30		20,030		0	0	30	
	30		20,020		0	0	30	
	30		20,010	10	10	10	20	
30		20,000	10	20	20	10		
	30		19,990		20	20	10	
*Lower price limit on bids/offers is JPY 20,000.								
After Itayose	Current			After revision				
	Sell	Price	Buy	Sell	Price	Buy		
		MO			MO			
		:			:			
		20,030			20,030			
		20,020			20,020			
		20,010			20,010			
		20,000			20,000			
					19,990			
Result	Of the prices at which limit orders are placed, execution occurs at JPY 20,000 with maximum traded volume (Condition 2).				<u>Due to the revision to Condition 1, JPY 20,020 and JPY 19,990 are added as candidate prices.</u> <u>Execution occurs at JPY 19,990 based on Condition 4 (1).</u>			

Case: Contract price is determined at one tick above the upper price limit on bids/offers

Before Itayose	Sum(A)	Sell	Price	Buy	Sum(B)	Execution	Imbalance	
			MO	30	30			
	20		20,010		30	20	10	
	20	10	20,000	1	31	20	11	
	10	10	19,990		31	10	21	
	0		19,980		31	0	31	
0		19,970		31	0	31		
		:		:	:	:		
*Upper price limit on bids/offers is JPY 20,000.								
After Itayose	Current			After revision				
	Sell	Price	Buy	Sell	Price	Buy		
		MO			MO			
					20,010			
		20,000			20,000			
		19,990			19,990			
		19,980			19,980			
		19,970			19,970			
		:			:			
Result	Of the prices at which limit orders are placed, execution occurs at JPY 20,000 with maximum traded volume (Condition 2).				<u>Due to the revision to Condition 1, JPY 20,010 and JPY 19,980 are added as candidate prices.</u> <u>Execution occurs at JPY 20,010 based on Condition 3.</u>			

Revision to Itayose condition for determination of contract price (3)

Case: Execution occurs at a price without a limit order

Before Itayose	Sum(A)	Sell	Price	Buy	Sum(B)	Execution	Imbalance
		10	MO				
	:		:		:	:	:
	10		20,040		0	0	10
	10		20,030	10	10	10	0
	10		20,020		10	10	0
	10		20,010	10	20	10	10
	10		20,000		20	10	10
	10		19,990		20	10	10
	:		:		:	:	:
*Reference price is JPY 19,990.							
After Itayose	Current			After revision			
	Sell	Price	Buy	Sell	Price	Buy	
		MO			MO		
		:			:		
		20,040			20,040		
		20,030			20,030		
		20,020			20,020		
		20,010			20,010		
		20,000			20,000		
		19,990			19,990		
	:			:			
Result	Both JPY 20,010 and JPY 20,030 satisfy Condition 1. Execution occurs at JPY 20,030 based on Condition 3.			Due to the revision to Condition 1, prices from JPY 20,000 to JPY 20,040 are candidate prices. Execution occurs at JPY 20,020 based on Condition 5 (3).			

Comparison of behavior of Market to Limit Order before and after revision (1)

	[Case 1]			[Case 2]			[Case 3]		
	Sell/Buy : Sell			Sell/Buy : Sell			Sell/Buy : Sell		
	Price : —			Price : —			Price : —		
	Quantity : 15 units			Quantity : 15 units			Quantity : 15 units		
	Conditions : FAS			Conditions : FAS			Conditions : FAS		
	Sell	Zaraba	Buy	Sell	Zaraba	Buy	Sell	Zaraba	Buy
		:			:			:	
		20,020			20,020			20,020	
		20,010	10	10	20,010			20,010	
MLO→ 15 units		20,000			20,000			20,000	
		19,990			19,990			19,990	
		:			:			:	
		↓			↓			↓	

Current									
	Sell	Zaraba	Buy	Sell	Zaraba	Buy	Sell	Zaraba	Buy
		:			:			:	
		20,020			20,020			20,020	
	5	20,010		10	20,010			20,010	
		20,000		15	20,000			20,000	
		19,990			19,990			19,990	
		:			:			:	
	[Result]			[Result]			[Result]		
	10 units are executed at JPY 20,010 and unfilled 5 units remain at the price in the order book.			Since there are no bids, the order remains in the order book as a limit order at JPY 20,000, which is now the best offer by 1 tick.			All units are cancelled, because there are neither bids nor offers.		

After revision									
	Sell	Zaraba	Buy	Sell	Zaraba	Buy	Sell	Zaraba	Buy
		:			:			:	
		20,020			20,020			20,020	
	5	20,010		10	20,010			20,010	
		20,000			20,000			20,000	
		19,990			19,990			19,990	
		:			:			:	
	[Result]			[Result]			[Result]		
	Same as current.			All units are cancelled, because there are no bids.			Same as current.		

Comparison of behavior of Market to Limit Order before and after revision (2)

[Case 4]			[Case 5]			[Case 6]		
Sell/Buy : Buy			Sell/Buy : Buy			Sell/Buy : Buy		
Price : —			Price : —			Price : —		
Quantity : 15 units			Quantity : 15 units			Quantity : 15 units		
Conditions : FAS			Conditions : FAS			Conditions : FAS		
Sell	Zaraba	Buy	Sell	Zaraba	Buy	Sell	Zaraba	Buy
	:			:			:	
	20,020			20,020			20,020	
10	20,010			20,010			20,010	
	20,000	←MLO		20,000	10 ←MLO		20,000	←MLO
	19,990	15 units		19,990	15 units		19,990	15 units
	:			:			:	
	↓			↓			↓	

Current								
Sell	Zaraba	Buy	Sell	Zaraba	Buy	Sell	Zaraba	Buy
	:			:			:	
	20,020			20,020			20,020	
	20,010	5		20,010	15		20,010	
	20,000			20,000	10		20,000	
	19,990			19,990			19,990	
	:			:			:	
	↓			↓			↓	
[Result]			[Result]			[Result]		
10 units are executed at JPY 20,010 and the unfilled 5 units remain at the price in the order book.			Since there are no bids, the order remains in the order book as a limit order at JPY 20,010, which is the best bid by 1 tick.			All units are cancelled, because there are neither bids nor offers.		

After revision								
Sell	Zaraba	Buy	Sell	Zaraba	Buy	Sell	Zaraba	Buy
	:			:			:	
	20,020			20,020			20,020	
	20,010	5		20,010			20,010	
	20,000			20,000	10		20,000	
	19,990			19,990			19,990	
	:			:			:	
	↓			↓			↓	
[Result]			[Result]			[Result]		
Same as current.			All units are cancelled, because there are no offers.			Same as current.		

Revision to price limits on bids/offers for index options

Item	Current	After revision
<p>Reference price for calculating range for price limit on bids/offers</p>	<p><input type="radio"/> A value obtained by using reference prices of price limits on bids/offers from a recent time period(*).</p> <p>(*) The average value of the reference prices for the price limits on bids/offers on each trading day with regards to the leading contract month on each underlying index for 20 days counting from the trading day that ends 25 business days prior to the trading days that end on the days listed in the following (a) through (d) (or the following business day, if it falls on a non-business day).</p> <p>(a) March 1 (b) June 1 (c) September 1 (d) December 1</p>	<p><input type="radio"/> Same as at left</p>
<p>Price limits on bids/offers</p>	<p><input type="radio"/> The upper price limit on bids/offers is at the reference price plus the value below, and the lower price limit on bids/offers is at the reference price less the value below.</p> <p><input type="radio"/> The normal price range is the value(*) that is 11% from the reference price for calculating the price limit on bids/offers range. For the 1st Expansion range, it shall be 14%(*), and for the 2nd Expansion range, 17%(*).</p>	<p><input type="radio"/> Same as at left</p> <p><input type="radio"/> Same as at left</p> <p><input type="radio"/> In the case where the reference price falls within the tables below, the corresponding factors will be applied to obtain the price ranges.</p>

	<p>(*) Round down to the nearest 10 yen for Nikkei 225 Options, and to the nearest 0.5pts. for TOPIX Options.</p>	<p><Nikkei 225 Options></p> <table border="1"> <thead> <tr> <th>Ref. price</th> <th>Normal</th> <th>1st Expansion</th> <th>2nd Expansion</th> </tr> </thead> <tbody> <tr> <td>Up to ¥50</td> <td>4%</td> <td>7%</td> <td>10%</td> </tr> <tr> <td>¥50 or more, but less than ¥200</td> <td>6%</td> <td>9%</td> <td>12%</td> </tr> <tr> <td>¥200 or more but less than ¥500</td> <td>8%</td> <td>11%</td> <td>14%</td> </tr> </tbody> </table> <p><TOPIX Options></p> <table border="1"> <thead> <tr> <th>Ref. price</th> <th>Normal</th> <th>1st Expansion</th> <th>2nd Expansion</th> </tr> </thead> <tbody> <tr> <td>Up to 5pts.</td> <td>4%</td> <td>7%</td> <td>10%</td> </tr> <tr> <td>5pts. or more but less than 20pts.</td> <td>6%</td> <td>9%</td> <td>12%</td> </tr> <tr> <td>20pts. or more but less than 50pts.</td> <td>8%</td> <td>11%</td> <td>14%</td> </tr> </tbody> </table>	Ref. price	Normal	1st Expansion	2nd Expansion	Up to ¥50	4%	7%	10%	¥50 or more, but less than ¥200	6%	9%	12%	¥200 or more but less than ¥500	8%	11%	14%	Ref. price	Normal	1st Expansion	2nd Expansion	Up to 5pts.	4%	7%	10%	5pts. or more but less than 20pts.	6%	9%	12%	20pts. or more but less than 50pts.	8%	11%	14%
Ref. price	Normal	1st Expansion	2nd Expansion																															
Up to ¥50	4%	7%	10%																															
¥50 or more, but less than ¥200	6%	9%	12%																															
¥200 or more but less than ¥500	8%	11%	14%																															
Ref. price	Normal	1st Expansion	2nd Expansion																															
Up to 5pts.	4%	7%	10%																															
5pts. or more but less than 20pts.	6%	9%	12%																															
20pts. or more but less than 50pts.	8%	11%	14%																															

Revision to implied function in continuous matching

Strategy Order Book					Leg Order Book										
Options on JGB Futures (Buy Put & Buy Call)					Put Options on JGB Futures					Call Options on JGB Futures					
①	(timestamp)	Sell	Zaraba	Buy	(timestamp)	(timestamp)	Sell	Zaraba	Buy	(timestamp)	Current (timestamp) Sell Zaraba Buy (timestamp) MO : (12:50) 10 0.11 (12:40) 10 0.10 : 0.09 :				
	(12:40)	10	0.40			(12:40)	10	0.30	10	(9:00)	* Implied order (red) is generated due to the incoming strategy trading order. * The timestamp of the implied order is the same as the strategy trading order.				
											After revision Same as current.				
②	(timestamp)	Sell	Zaraba	Buy	(timestamp)	(timestamp)	Sell	Zaraba	Buy	(timestamp)	Current (timestamp) Sell Zaraba Buy (timestamp) MO : (12:50) 10 } 0.11 (12:40) 10 } (12:40) 10 } 0.10 : 0.09 :				
	(12:40)	10	0.40			(12:40)	10	0.30	10	(9:00)	* Implied order is re-generated due to the order amendment in the put order book. * The timestamp of the re-generated implied order is the same as the strategy trading order (12:40).				
	(12:40)	10	0.40			(12:40)	10	0.29	10	(13:00)	* The price of the existing buy order for 10 units is amended from 0.30 to 0.29 at 13:00.				
										After revision (timestamp) Sell Zaraba Buy (timestamp) MO : (12:50) 10 } 0.11 (13:00) 10 } (12:40) 10 } 0.10 : 0.09 :					
										* Implied order is re-generated due to the order amendment in the put order book. * The timestamp of the re-generated implied order is the time it was re-generated (13:00).					
③	Current										(timestamp) Sell Zaraba Buy (timestamp) MO : (12:50) 10 } 0.11 (12:40) 10 } (12:40) 10 } 0.10 : 0.09 :				
	(12:40)	10	0.40			(12:40)	10	0.30	10	(13:00)	* New buy order for 10 units at 0.11 arrives in the call order book. * This buy order is matched, and the implied sell order is matched based on time priority. * At the same time, the buy order in the put order book and the sell order in the strategy order book are matched due to the implied function.				
											After revision (timestamp) Sell Zaraba Buy (timestamp) MO : (12:50) 10 } 0.11 (13:00) 10 } (12:40) 10 } 0.10 : 0.09 :				
										* New buy order for 10 units at 0.11 arrives in the call order book. * This buy order is matched, and the sell order (not implied sell order) is matched based on time priority. * Since the implied order remains, no matching occurs on the put order book and the strategy order book.					