

Futures/ Option Purchasing System  
Trading Terminal Operation Guide

Tokyo Stock Exchange  
Operation System Division

TSE0000000647



Reference\_065

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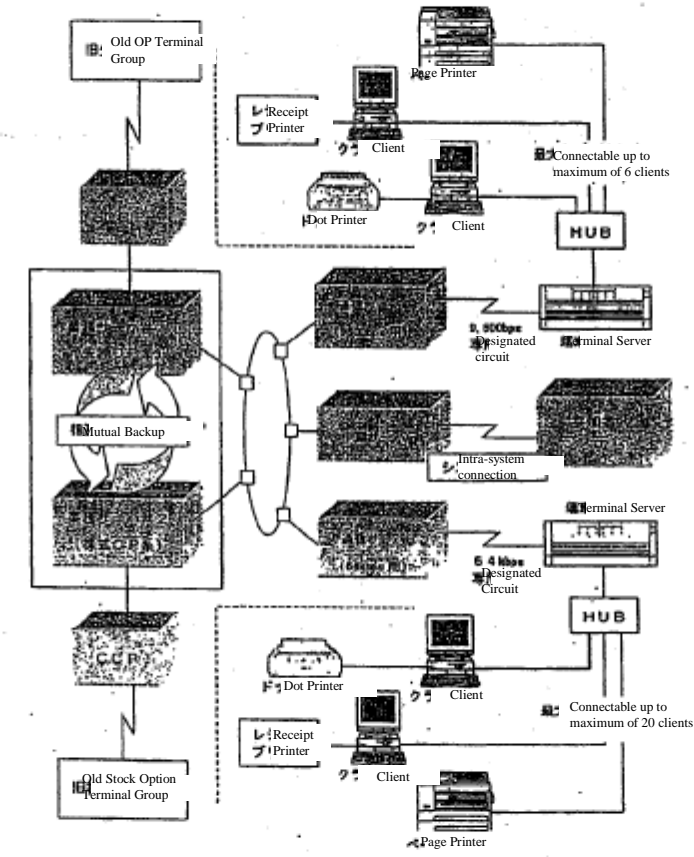
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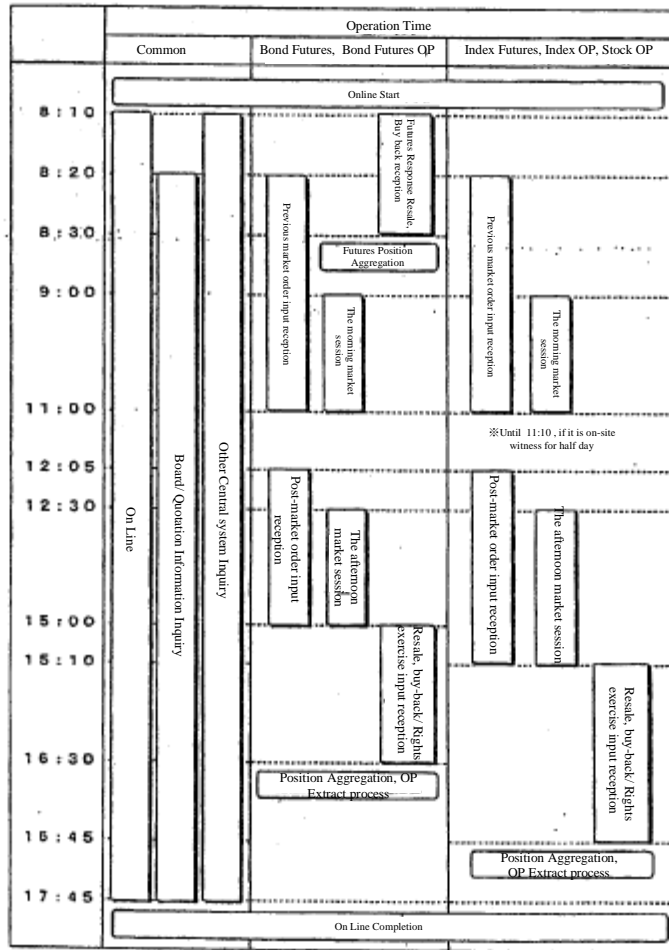
Chapter 1 System Outline

1-1-System Configuration Diagram



Operation Server #1 and #2 mutually monitor a trouble, and when one of the operation servers is having a trouble, the other sever is given a transfer process (approximately 1 minute), and will take over the server operation of the server having a trouble.

1-2 System Outline



※ Regardless of the central system operation time, the inquiries, etc. about preparing the response information from the notice information inside the terminal server can be made until the notice information is cleared when the On Line starts the next day.

## 1-3 Operation Limitation Between The Old Terminal

Under this system, for some time after its activation, this terminal (including the hypothetical server connecting between the servers), and the old futures, and option purchase system input terminal (henceforward called "Old futures OP terminal"), or the old stock price index option purchase system input terminal (including the hypothetical terminal relayed by the agreement in the Note) (henceforward called "Old stock OP terminal") coexist to be used for inputting orders, etc.

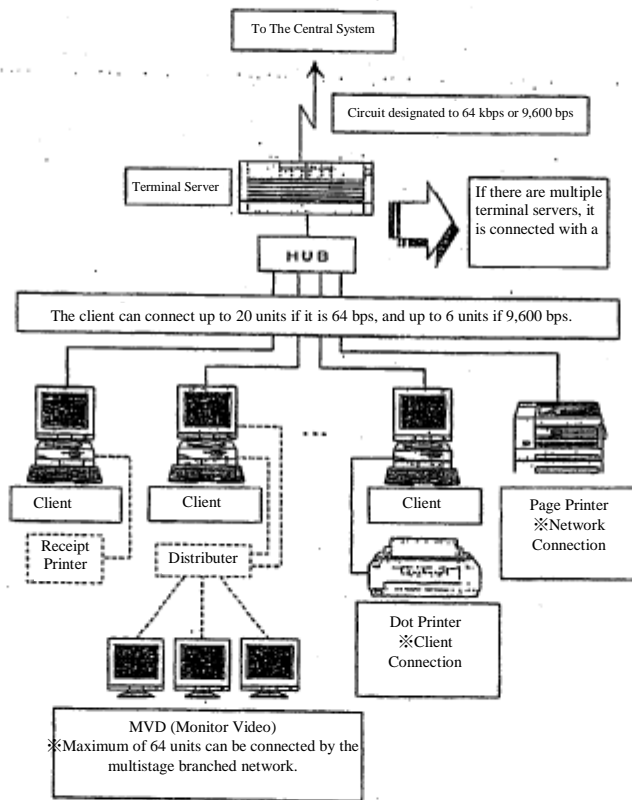
However, there is a system limitation about the operation instruction, etc. by specifying the old terminal (this terminal) by this terminal (Old terminal) as follows. Please operate keeping the restriction items in mind.

A	This Terminal		Old Futures OP Terminal	Old Stock OP Terminal
	Old Futures OP Terminal	Old Stock OP Terminal	This Terminal	
① The order correction by "A" on the order input by "B" (Cancellation, Change)	○	○	○	○
② Bulk cancellation instruction by "A" specifying "B"	○	×	○	×
		※ Bulk cancellation instruction by overall home company specification is possible.		
③ The inquiry by "A" specifying "B" in the inquiries related to the orders which can specify the terminal No.	○	×	○	×
④ The final notice inquiry instruction by "A" specifying "B"	○	○	×	×
⑤ Notice output deputizing instruction from "A" to	×	×	×	×
⑥ Retransmission instruction to "A" of the output notice to "B"	◆ Retransmission cannot be instructed to this terminal specifying the old terminal. ◆ However, the output notice to the old terminal is transmitted and stored to the data server, hence, it can be output to this terminal printer by a notice printing instruction.		Only when a retransmission is instructed by home company's serial No., the output notice to this terminal can be retransmitted to the old terminal.	
⑦ Notice search, and printing by "A" specifying "B"	○	×	—	—

## Chapter 2 Terminal System Configuration

### 2-1 Terminal System Configuration Outline

#### 2-1-1 Terminal System Configuration Diagram



2-1-2 Terminal Configuration Equipment

Futures/ Option Purchase System Terminal System (excluding the old terminal) is configured by the following equipment.

Configuration Equipment	Types	Usage
Terminal Server	Basic Configuration Equipment	It sends and receives the data via the designated circuit with the central system and control the subordinate terminals, and search the notice information, etc.
Client	Basic Configuration Equipment	It is used to input orders, and to make various inquiries about the board, etc.
Printer	Basic Configuration Equipment	It is used for various notice output and for the screen printing output.
Receipt Printer	Selection Equipment	It is used to output the notices regarding the order input such as the order reception notice, and agreement establishment notice, etc.
Monitor Video	Selection Equipment	It displays the screen information being displayed by the connected client.
Circuit Switching Equipment	Selection Equipment	It serves backup switching to the public circuit when the designated circuit has a trouble.

※As other configuration equipment, there are "Display Terminal" (terminal server maintenance equipment), "HUB" (LAN configuration equipment).

2-1-3 Terminal Number

Each transaction terminal equipment units has a "yellow" seal with the corresponding unit number pasted on. In addition, "Terminal server No. + Client No." is displayed at the top section (title bar) of the client screen.



Terminal Server No.                      Terminal No.

Number	Significance of the number	
<b>A</b> 201~399, 701~899	The number allocated to each participant.	
<b>B</b> 01~	A series of numbers within various participants.	
<b>C</b>	1001~	Client (Input terminal) ※A series of numbers within various participants.
	2001~	Printer (Page Printer, Dot Printer) ※The printer's control client terminal No. +1000
	3001~	Receipt Printer ※The printer's control client terminal No. +1000
	(Reference) 90xx~	Hypothetical client (Hypothetical input terminal) <sup>2-1</sup> ※The lower 2 digits (xx) is the same as the lower 2 digits of the hypothetical server No.

<sup>2-1</sup> The hypothetical client (hypothetical input terminal) refers to a simulated terminal responding to each hypothetical server installed in the participating systems via the intra system connection, which is the hypothetical server that responds to various inquiries

## 2-2 Terminal Server

The terminal server is a core terminal system equipment that connects with the central system via the reuse circuit to send and receive various data to and from the central system, and controls the client making a subordinate connection.

In addition, the terminal server stores all notices transmitted by the central system in the interior notice storage file, so that it enables searching the notice information, and conducting a print output.

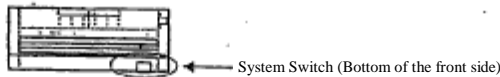
⇒ "14-4 Notice Search", "14-5 Notice Printing"

Furthermore, it responds to some inquiries by searching the notice information saved and stored.

⇒ "1-3-2 Terminal Server (Data Server) Inquiry Function"

### 2-2-1 Terminal Server Activation, Completion Operation

Please activate/stop the terminal sever by pressing the "system switch" on the front of the terminal server. Also, please keep the "Power switch" at the back of the terminal server in "ON" position as a general rule.



#### ◆ To activate the Terminal Server (System activation)

Press the system switch on the front side of the terminal server body.  
→ The lamp (green) will turn on, and the system will be activated in a few minutes.

#### ◆ To stop the Terminal Server (System stop)

Press the system switch on the front side of the terminal server body.  
→ The lamp (red) will turn out, and the system will be stopped in a few minutes.



- ◆ Please refrain from using the system in a 24 hour operation, and stop the system after work is completed, since it can cause a problem with the disk, etc.
- ◆ Please make sure that the system switch is in "OFF" position before you turn "OFF" the power switch.
- ◆ If you turn "OFF" the power switch while the system switch is still in the "ON" position, the terminal server system may be damaged.

### 2-2-2 Display Terminal Activation and Completion Operation

The terminal server is connected to the "Display Terminal" as part of the maintenance equipment. Please activate/stop the display terminal using the "ON"/"OFF" switch on the side of the display. In addition, since this equipment is for maintenance, it cannot be used for any order input, etc.



A message indicating the problem content is displayed on this display terminal when a problem occurs.

Since this message becomes necessary for investigating the problem's cause, please activate this display while the terminal server itself is in operation.

※A problem message cannot be confirmed when the display is activated after a problem has occurred.



## 2-3 Client

The client server has a number of functions such as various order inputs, resale and buy back/rights, exercise inputs, various inquiry inputs, various work operation instructions, and board information inquiries responding to the information display and the printer control function.

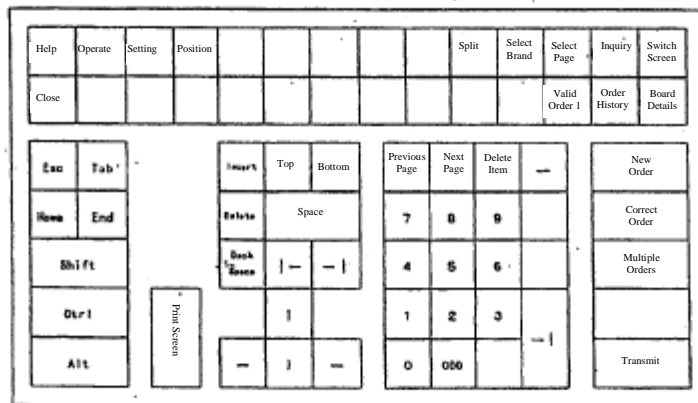
The client system can be operated by the "keyboard" or "mouse."

### 2-3-1 Keyboard Layout

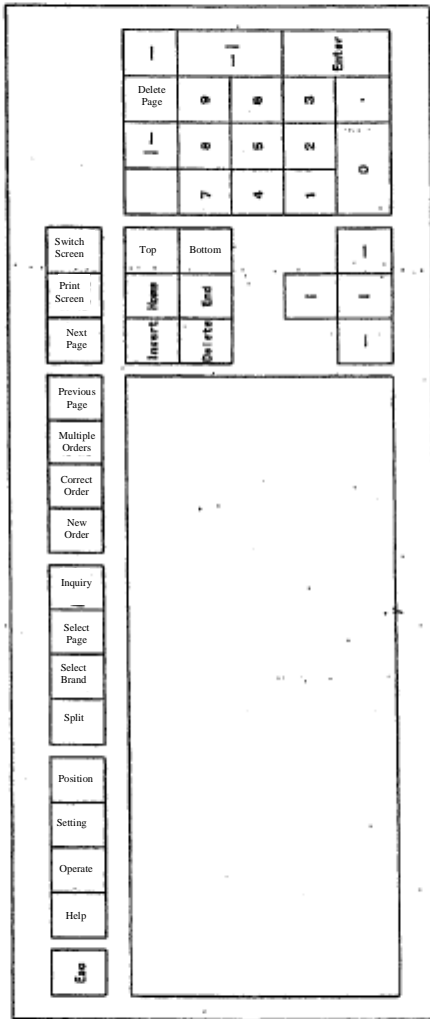
The client system can be operated either by the designated keyboard or by the general purpose keyboard.

※When switching the designated keyboard and the general purpose keyboard, one needs to change the keyboard type setting. If the setting change is necessary, please apply with our office.

#### 2-3-1.1 Designated Keyboard



2-3-1.2 General Purpose Keyboard



## 2-3-1. 3 Types and Functions of the Work Related Key

Designated Keyboard	General Purpose Keyboard	Functions
New order	New order	It displays a new order input window.
Corrected order	Corrected order	It displays a corrected order input window.
Multiple orders	Multiple orders	It displays a multiple order selection menu list.
Operate	Operate	It displays an operation function selection menu list.
Setting	Setting	It displays a set-up function selection menu list.
Position	Position	It displays a position related function selection menu list.
Split	Split	It displays a split format selection menu for the Board/ quotation information area.
Select Brand	Select Brand	It displays a market selection menu list to select the brand.
Select Page	Select Page	It displays a page selection instruction input window.
Inquiry	Inquiry	It displays an inquiry function selection menu list.
Board Details	—	Shortcut key for the board details inquiry.
Order History	—	Shortcut key for the order agreement history inquiry
Valid Order 1	—	Shortcut key for the home company valid order (reception time sequence) inquiry
Previous Page	Previous Page	<ul style="list-style-type: none"> <li>◆ It displays the previous page portion of the re-registration information in the board/quotation screen and the re-registration window.</li> <li>◆ It makes the previous page portion of the inquiries about the “continued from the previous page” information of the inquiry responding information.</li> </ul>
Next Page	Next Page	<ul style="list-style-type: none"> <li>◆ It displays the next page portion of the page registration information on the board/quotation screen and the page registration widow.</li> <li>◆ It makes the next page portion of the inquiries about “continued to next page” information of the inquiry responding information.</li> </ul>
Top	Top	<ul style="list-style-type: none"> <li>◆ It scrolls the board information on the fixed price range.</li> <li>◆ It scrolls the quotation screed according to the registered brand numbers on the number of the fixed brands.</li> <li>◆ It scrolls the scrollable inquiry responding information on the number of fixed projects.</li> </ul>
Bottom	Bottom	<ul style="list-style-type: none"> <li>◆ It scrolls the board information by the fixed price range.</li> <li>◆ It scrolls the quotation screen according to the registered brand numbers under the number of the fixed brands.</li> <li>◆ It scrolls the scrollable inquiry responding information on the number of fixed projects</li> </ul>
Home	Home	It returns the scrolled board screen and the notice display area to the original position.

Chapter 2 Terminal System Configuration Equipment

Designated Keyboard	General Purpose Keyboard	Functions
→1	→1	<ul style="list-style-type: none"> <li>◆ It makes a move to the previous operation target area on the main window and the inquiry response window.</li> <li>◆ It moves the cursor to the previous input column (area) on the input window.</li> </ul>
←1	←1	<ul style="list-style-type: none"> <li>◆ It makes an incremental move to the next operation target area on the main window and the inquiry response window.</li> <li>◆ It moves the cursor to the next input column (area) on the input window.</li> </ul>
↑ ↓ ↔	↑ ↓ ↔	It moves the cursor displayed on each window up & down and left to right.
Delete Item	Delete Item	It deletes the input content in the input column.
Various Number keys	Various Number keys	It displays the numerical value in the input column.
— (Minus)	— (Minus)	<p>It displays “—” (minus symbol).</p> <p>※It inputs “—” (minus symbol) at the beginning of the price when a minus price is entered during the spread trading.</p>
		It displays “•” that indicates a space in the internal number input column.
Switch Screen	Switch Screen	It switches the focus among each window.
Send	Enter	It processes the input content transmission.
Esc	Esc	<ul style="list-style-type: none"> <li>◆ It deletes the windows other than the main window that was focused on.</li> <li>◆ It deletes the menu list displayed by pressing the key.</li> </ul>
Close	—	It deletes the windows other than the main window that was focused on.
Print Screen	Print Screen	It outputs the information displayed on screen to the printer.
Help	Help	It displays the on-line help window.
Ctrl + Delete Item	Ctrl + Delete Item	It processes the terminal reset.
Shift + ↑	Shift + ↑	It moves the cursor on the board screen from the price limit area to the area without limit (Market order).

2-3-2 Client Activation and Completion Operation

Please activate/stop the client system by activating the "System switch" on the front side of the system equipment and the "Power switch" of the display equipment (the location of the power switch differs depending on the display model) from "ON"/"OFF".

When you stop the client system, make sure to execute the "Power OFF Instruction" before turning off the power.

In addition, please keep the "Power switch" on the back of the system equipment in the "ON" position as a general rule.

2-3-2,1 Client Activation

Press the system switch on the front side of the client system equipment and the display power switch.  
→ The initial work screen will be displayed after OS and the terminal program is activated.

① Press the system switch on the front side of the client system equipment and the display power switch to the position ON.

② After the OS activation screen is displayed, the terminal program will be activated and the following initial screen will be displayed.



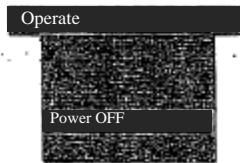
③ After a short delay, the initial work screen (main window) will be displayed, and the work can be started. In addition, when the terminal is started up, a split board screen will always be displayed with the registration No. "1" brand on the "Page 1" of the registration page information at the beginning of the initial work screen.

TOSHO Futures	Page 1
Help Operate	New Order
01 Long Term Gov 012	02 TOKYO 012

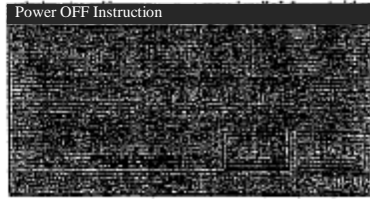
### 2-3-2.2 Stopping the Client System

Instruction for turning off the power.  
→ After confirming the message; "It is safe to turn off the power" on the display panel, press the system switch on the front side of the system equipment and the display power switch to cut off the power.

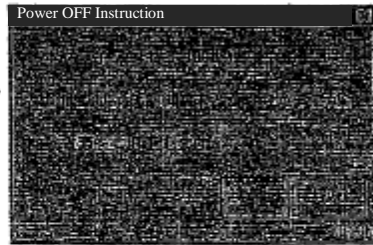
- ① Select "Operate" → "Power OFF" in the menu bars.



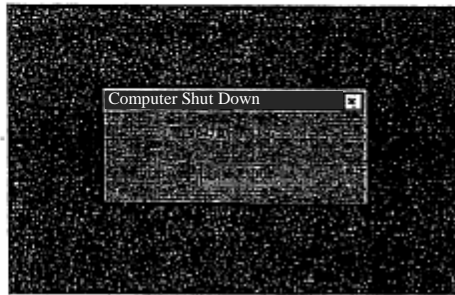
- ② After the Power Off Instruction Window is displayed, select "Send".



If the instructing client is a printer control client, the following confirmation window will be displayed sequentially, at which time select "Send."



- ④ After a little while, the message "It is safe to turn off the power" will be displayed on the screen. After confirming this message, press the system switch on the front side of the system equipment and the power switch of the display to turn off the power.



Before stopping the client system (turning off the system equipment power), please make sure to confirm the message, "It is safe to turn off the power," displayed on the screen, after giving the "power off instruction".

※If you turn off the power before this message is displayed, the client's OS, etc. system may be damaged.


◆ Please refrain from using it as a 24 hour activation system and stop the system after the work is completed, since extended use may cause disk trouble, etc.

## 2-4 Printer

The printer is used to output all of the various notices, messages, and screen information to be printed.

There are 2 types of printers, the page printer and dot printer, which have different output methods and different connecting formats, but the same output content.

However, both the page printer and dot printer require one "Printer Control Client" per unit, hence the maximum number of units that can be set up is limited to the number of client set up units.

 When the client is stopped (turning the system equipment power off), the output to the printer connected to the client will be stopped as well.

Please refer to the manual attached to the printer for the operating method such as the power "ON"/"OFF" process.

- ◆ The printer to which various notices are output will be set up on the user side according to the following notice type.
  - ◇ "Order Reception, etc. Notice"<sup>1-2</sup>
  - ◇ "Agreement Establishment, etc. Notice"<sup>1-3</sup>
  - ◇ "Resale and buy back/Rights exercise, etc. Notice"<sup>1-4</sup>
  - ◇ "Agreement Status Print"
  - ◇ "Stop Price Order list"
  - ◇ "Major account corresponding brand list"
  - ◇ "Position balance notice"
  - ◇ "Position balance Notice (home company)"
  - ◇ "Trade deposit calculation basic position balance notice (home company)" (No output for a while.)
  - ◇ "Quota Notice"
- ※ By not setting the output destination printer, the output of the various notices can be prohibited.
- ⇒ "6-6 Setting the printer for Order and Agreement related notice output destination"
- ⇒ "6-7 Setting the output destination printer of the unsolicited transmission notice such as the position balance notice, etc."

1-2 "Order Reception Notice," "Error Notice"

1-3 "Agreement Establishment Notice," "Cancellation Result Notice," "Change Result Notice," "Invalid Order Notice"

1-4 "Resale and Buyback Input Result Notice" (Including corrected, and invalid), "Resale and buyback/Rights exercise Input Result Notice" (Including corrected, and invalid)

"Resale and Buyback (Option Trading Rights Exercise portion) Input Result Notice" (Including corrected and invalid)

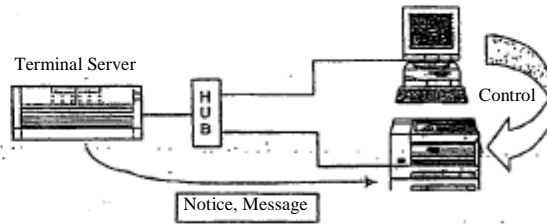
"Commission portion trading deposit calculation basic position balance notice" (Including corrected and invalid) (No output for a while)



### 2-4-1 Page Printer

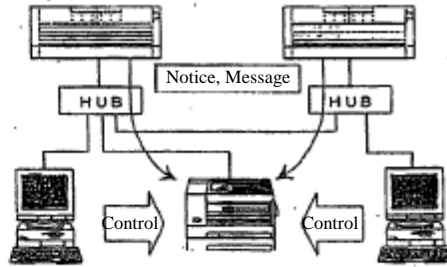
#### 2-4-1.1 Connection Format

It is connected to the network, but it is controlled by the client.



In addition, since it is connected to network, one page printer can be shared with a multiple terminal servers.

However, in that case, each shared terminal server needs to have one subordinate client as a printer control client.



◆ Points to be noted when sharing the page printer with multiple terminal servers  
When the network connected page printer is shared by multiple terminal servers, the notice is output to the printer by the terminal server unit. Therefore, the actual transmission sequence from the central system may be reversed and output to the printer.

#### 2-4-1.2 Notice Output Method

You can select either “When a fixed time (3 minutes) has passed, or when a fixed number of notices have been accumulated,” “When each session is completed,” or “When today’s session is completed.”

⇒ “6-9 Page Printer Notice Output Timing Setting”

#### 2-4-1.3 Forced Output of A Notice

Since the Page Printer does not output the notice in real time, until the output time arrives, the notice is not output and kept on hold, waiting for the output.

Hence, the notice on hold waiting for the output can be forced to be discharged by an instruction.  
⇒ “14-6 Forced Printing of A Notice”



#### ◆ Printer Trouble

When the paper run out, or a problem occurs with the page printer connected to the network, no trouble message will be displayed on the client system. Therefore, please always pay attention to the status of the printer.

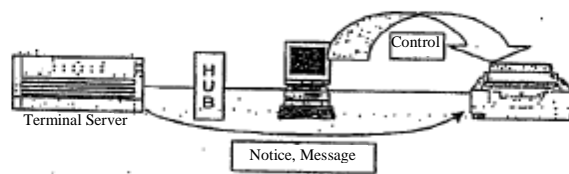
A notice information generated during a trouble, such as running out of paper, etc., is kept under the retention status, hence, the output will resume when a trouble is recovered.

However, depending on the timing, a part of the notice information may be lost, in which case, re-output by notice printing is necessary.

### 2-4-2 Dot Printer


#### 2-4-2.1 Connection Format

It is connected to the client, and the printer is controlled by the client, the connection source.  
However, as opposed to the page printer, it cannot be shared among a multiple servers.



#### 2-4-2.2 Notice Output Method

All notices are output at real time.

 **Printer Trouble**

When the paper runs out or a problem occurs with a dot matrix printer connected to the client system, a trouble message is displayed on the connection source (control source) client system. Therefore, please conduct the recovery operation.

When there is a problem such as running out of paper, etc., the message on the client will be deleted after the problem is recovered, and the output will resume.

However, depending on the timing, a part of the notice information may be lost, in which case, re-output by notice printing is necessary.

## Chapter 2 Terminal System Configuration Equipment

### 2-5 Receipt Printer


There is a small size receipt printer connected to the client besides the page and dot printers, as a selective equipment.

However, the receipt printer is limited to output the various notices involving the input, etc.

#### 2-5-1 Connection Format

It is connected to the client, and the printer is controlled by the client, the connection source, and as with the dot printer, it cannot be shared among a multiple servers.

Since one control client is necessary per one unit, the maximum number of units that can be set-up is limited to the number of client unit set-up. (However, one client can control the page/ dot printers and receipt printer at the same time.)

 When the client is stopped (the system equipment power is turned off), the output to the receipt printer connected to the client is stopped as well.

#### 2-5-2 Output Notice


The receipt printer output the following notices at real time.

- ◆ “Order Reception , etc. Notice”
- ◆ “Agreement Establishment, etc. Notice”
- ◆ “Resale and buy back , etc. Notice”
- ◆ “Special Closing Index (SQ) Message”

※Each notice output destination printer can be set up by input terminal for the notice other than the special closing index (SQ) message. In addition, by not setting up the output destination printer, the output can be prohibited.

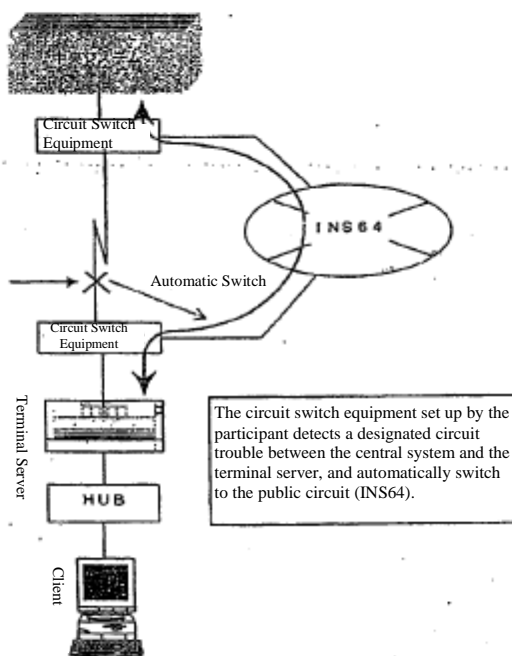
※The receipt printer can be set up as the notice output destination, only for the input terminal subordinate to the same terminal server as the client connected to the receipt printer.

⇒ “5-6 Order and agreement related notice output destination printer Setting”

 **Printer Trouble**  
When the paper runs out or a problem occurs with the receipt page printer, no trouble message is displayed on the client, and the notice generated during the problem will be lost at that moment. Therefore, please always pay attention to the receipt printer status.

## 2-6 Circuit Switch Equipment

There is a function to switch to the public circuit (INS64) as a backup when the designated circuit has a trouble, using the "Circuit Switch Equipment" as a selective function.



If the designated circuit problem is recovered, the designated circuit connection will resume when the terminal server is re-started or the on-line system is started the next day.

In addition, the switch can be made manually by operating the circuit switch equipment.

- ※ Please refer to the manual attached to the circuit switch equipment for the manual operation method.
- ※ Please understand in advance that if the public circuit is "extremely" crowded, the switch may not be possible.

## Chapter 3 Basic Operation Method

The basic operation of the client is almost equal to that of the Windows personal computer. In addition, except for some operations, such as inputting, etc., almost the same operations can be conducted by both mouse and keyboard.

### 3-1 Menu Items Selection

In order to select each function, display and select the menu bar items of each window, or the menu list displayed from the menu bar items.

Each window's menu bar items can be selected by either the "method to select by clicking the mouse" or "method to press the key responding to each item on the keyboard".

- ※ Henceforward, "Select the menu bar items" refers both to "Select by clicking the mouse" and "Select by pressing the key responding to each item on the keyboard."

Any item with "▶" displayed on the right out of the menu list items displayed from the menu bar items have a sub menu, and the sub menu list can be displayed by selecting the corresponding item.



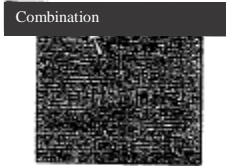
#### Items to be noted when the menu list is selected

- ◆ Under any condition wherein the menu list (including the menu list displayed by the window other than the main window) and the short cut menu are displayed, the information update process on the screen is suspended, which will resume when the list is deleted. Therefore, please keep in mind that while the list is displayed, the automatic update seems as if it is suspended for the board/ quotation screen as well.
- ◆ Please also keep in mind that if the display is left on for a long time, it may cause some kind of terminal problem.

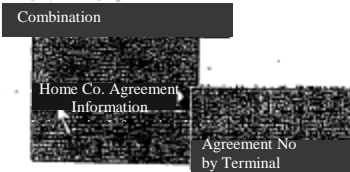
### 3-1-1 Operation by Mouse

A selection can be made by "Clicking," etc. on each item in the menu bar, or the menu list.  
(Example)

- ① When "Inquiry" in the menu items in the menu bar is selected by clicking, the inquiry function selection menu will be displayed.



- ② When "Home Co Agreement Information" is selected, the Home Co. agreement information sub-menu is displayed. When an item is selected from the sub-menu, the window will be displayed.



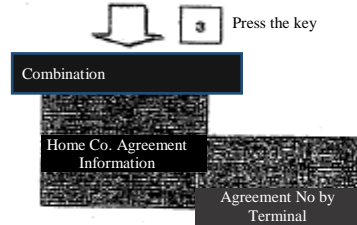
### 3-1-2 Operation by the keyboard

A selection can be made by pressing each "Key responding to the menu item" on the keyboard. In addition, the menu list displayed by selecting the menu bar items and the items inside the sub-menu list can be selected by pressing the "beginning number key" of each item.  
(Example)

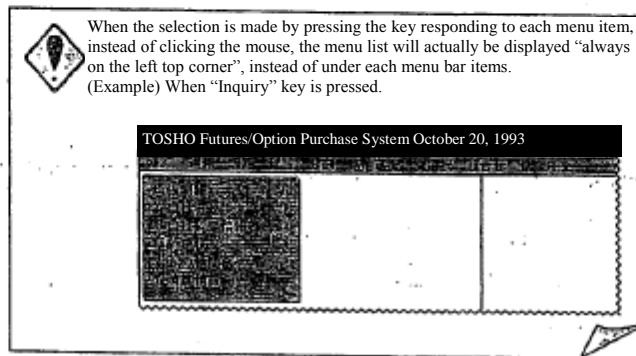
- ① By pressing the "Inquiry" key on the keyboard, the inquiry function selection menu will be displayed.



- ② By pressing the number "3" key at the beginning of "Home Co. agreement information", the home Co. agreement information sub-menu will be displayed. When an item is selected from the sub-menu (pressing the beginning number key of the item), the window will be displayed.



- ※ The menu list items can be selected by placing the cursor on the item by the arrow key and pressing “Send (Enter)” key. The sub-menu can be displayed from the menu list items by placing the cursor on the item by the arrow key and pressing “→” key.





### 3-2 Operation Target Window Specifying Operation

When multiple windows are displayed, operations such as input, etc. must be conducted after the operation target window is specified.

The window targeted for operation is called a window with control rights (hereinafter referred to as "Focus"), and by moving the focus among any number of multiple windows, the operation target window can be switched.

In addition, the window with the focus has the "Blue" title bar, which indicates that it is the operation target.

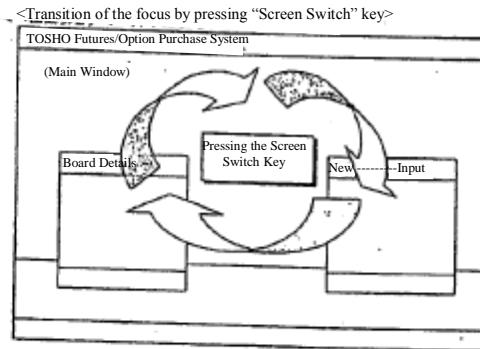
#### 3-2-1 Operation by Mouse

By "Clicking" the window that you wish to be the operation target, the focus will move to the window.

#### 3-2-2 Operation by Keyboard

From the keyboard,

\* pressing "Screen switch" key,  
the focus will move sequentially among the displayed windows.



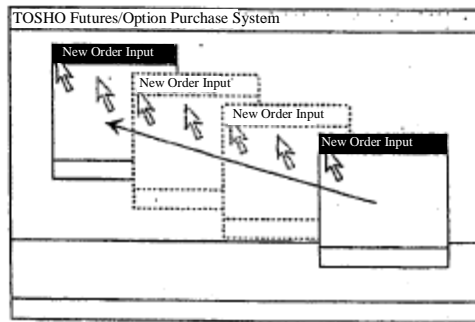
- ※ The focus can also be moved by pressing "Alt" + "Tab" key.
- ※ The focus cannot be moved to the "Help Window" by the "Screen Switch Key." Please move the focus by pressing "Alt" + "Tab" key.
- ※ The "Mouse Setting Window" hides behind the "Main Window" when the focus moves to another window, and it cannot be re-displayed by pressing either the "Screen Switch Key" or the "Alt" + "Tab" key. In order to re-display it, please conduct the display operation once again.

### 3-3 Window Transfer Operation

Various input and inquiry response windows other than the main window are always initially displayed at the fixed location at a start-up time, but while it is displayed, it can be moved.

#### 3-3-1 Operation by Mouse

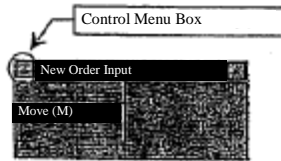
The window can be moved by placing the mouse pointer on the window title bar to which one wishes to move it, and then dragging it to the destination location (moving the pointer while keeping the mouse's left button pressed).



#### 3-3-2 Operation by Keyboard

The window can be moved by operating the keyboard only.

- ① By pressing the "Alt + Space" key, the menu list can be displayed from each window's control menu box.
  - ※ The menu list can be also displayed by clicking the control menu box with the mouse.



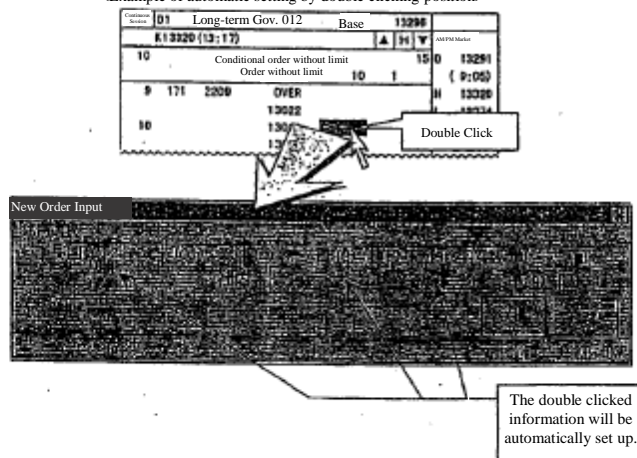
- ② Select the "Move" from the menu list, and press "Send (Enter)" key.
- ③ Move the "Arrow key" to the destination location, and press "Send (Enter)" key, to decide the location.

### 3-4 Double Clicking the Mouse

Several operations are simplified by double clicking the mouse (pressing the left button of the mouse successively).

- ◆ Double clicking the specific area on the board/quotation screen  
→ New Order Input Window will be displayed and “Brand Name”, “Sell/Buy”, “Price”, etc. double clicked will be automatically set up.
- ◆ Double clicking the notice display area  
→ Corrected Order Input Window will be displayed and “Brand Name”, and “Order No.” will be automatically set up from the double clicked notice information.
- ◆ Double clicking the order related Inquiry Response Window  
→ Corrected Order Input Window will be displayed and “Brand Name” and “Order No.” will be automatically set up from the order information responding to the double clicked inquiry.
- ◆ Double clicking the response display column such as Resale And Buy Back Input Window  
→ “Limited Month, etc.” and “Separation of Self and Commission” will be automatically set up from the double clicked response information in the resale and buy back volume , etc. input area.

<Example of automatic setting by double clicking position>



The double clicking interval can be adjusted.  
⇒ “6-11 Mouse Movement Setting”

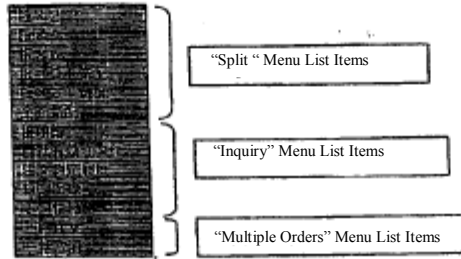
### 3-5 Short Cut Menu Display by right clicking of the mouse

Several items can be directly selected from the menu list displayed by selecting each item of the menu bar in the short cut menu which is displayed by placing the mouse pointer to a specific area and clicking the right button of the mouse (Right Click).

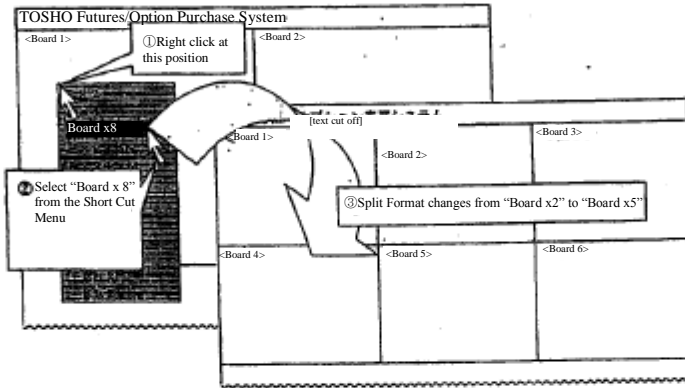
To select an item from the short cut menu by the right click, keep the right button press and bring the pointer to the item you wish to select in the short cut menu and release the button.

In addition, the right button function of the mouse can be switched with the left button function.  
 ⇒ "6-11 Mouse Operation Setting"

The following items can be selected from the short cut menu displayed by the right click at the specific position of the Board/ Quotation Screen on the main window.



<Example of a selection from the short cut menu by right click>



### 3-6 Movement when "Send (Enter)" key is pressed

When each window has a focus, pressing "Send (Enter)" key is the same movement as clicking the button in each window by the mouse.  
(The movement when "Send (Enter)" key is pressed differs depending on the position of the cursor.)

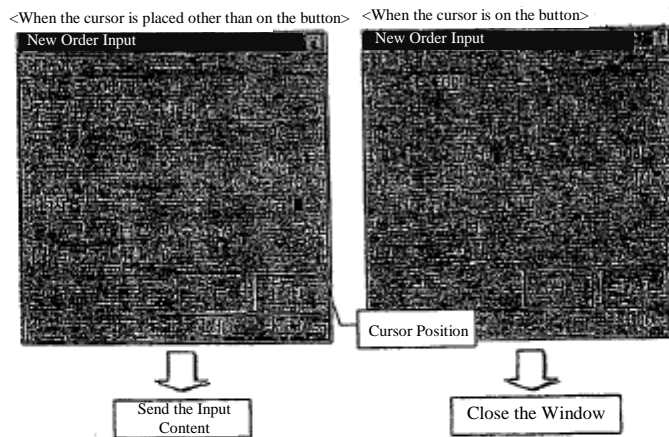
#### 3-6-1 When the cursor is placed other than on the button.

When the cursor is on an input column other than the button, and "Send (Enter)" key is pressed, the button operation decided in advance in the window will be selected.

- ◆ Input window with "Send" button  
→ "Send" button operation is selected and the process of sending the input content starts.
- ◆ Inquiry response window with "Update" button  
→ "Update" button operation is selected and updating (re-updating) inquiry process for the response information starts.
- ◆ Window only with "Close" button  
→ "Close" button operation is selected, and the widow will be closed.

#### 3-6-2 When the cursor is on the button

When the cursor is on the button (when the button's item name is enclosed by a dotted line), and "Send (Enter)" key is pressed, the operation of this button will be selected.

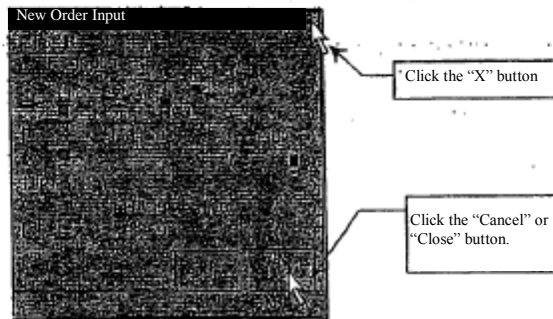


### 3-7 How to close the window

After the various input and inquiry response window other than the main window is displayed, the window can be closed by the following operation.

#### 3-7-1 Operation by Mouse

Click "Cancel" or "Close" button displayed at the bottom of the window, or "X" button at the farthest right of the title bar.



#### 3-7-2 Operation by Keyboard

- ◆ By pressing "Esc" or "Close" key, the window with the focus when the key was pressed, will be closed.

## Chapter 4 Trading Commodities

Futures/ Option Purchase System handles the trades in the following 5 markets with different commodities characteristics.

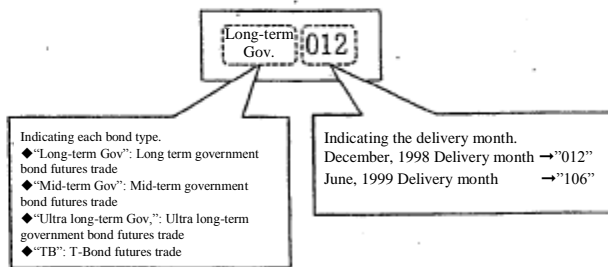
- ◆ Bond Futures Market      Bond Futures Market has the following products (by bond).
  - ◇ Long-term government bond futures trade
  - ◇ Mid-term government bond futures trade
  - ◇ Ultra long-term government bond futures trade
  - ◇ TB futures trade
  - ◇ Long-term government bond futures spread trade (trading is scheduled to start in November, 1998)
  
- ◆ Bond Futures Option Market      Bond Futures Option Market has the following products (by bond).
  - ◇ Long-term futures option trade
  
- ◆ Index Futures Market      Index Futures Market has the following products (by security).
  - ◇ TOPIX futures trade
  - ◇ Electric equipment stock price index futures trade
  - ◇ Transportation equipment stock price index futures trade
  - ◇ Bank stock price index futures trade
  - ◇ TOPIX futures spread trade
  
- ◆ Index Option Market      Index Option Market has the following product (by security).
  - ◇ TOPIX Option trade
  
- ◆ Stock Option Market      Stock Option Market has the following product (by stock).
  - ◇ Each stock option trade targeting 30 original stocks.
  
- ※ Each special participant can trade only in the market according to the qualification.

Each aforementioned market may have a different price display, and input unit, etc.  
The important points for trading are shown mainly on the parts that differ by each market in this document.

4-1 Bond Futures Market

4-1-1 Long-term, Mid-term, and Ultra long-term government bond, TB Futures Trade

4-1-1.1 Brand Name



4-1-1.2 Price display and Input unit brand name

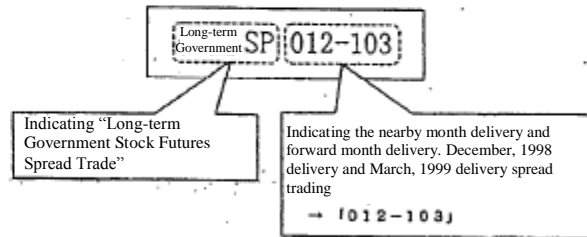
- ◆ Long-term Government futures trade : "1 Sen (1/100 Yen)" unit
- ◆ Mid-term Government futures trade : "1 Sen (1/100 Yen)" unit
- ◆ Ultra long-term Government futures trade : "1 Sen (1/100 Yen)" unit
- ◆ T-BOND futures trade : "1/32 points" unit

※ T-BOND futures trade will not have the new delivery month set up for a while after May, 1999 delivery month.



4-1-2 Long-term Government Futures Spread Trade (The trading is scheduled to start in November, 1998)

4-1-2.1 Brand Name



4-1-2.2 "Sell" and "Buy" meaning, and Brand Name in the long-term government bond futures spread trading.

- ◆ "Sell": Nearby month selling, Forward month buying
- ◆ "Buy": Nearby month buying, Forward month selling

4-1-2.3 Price display, and input unit

- ◆ The price gained by subtracting the forward month delivery price from the nearby month delivery price (Spread Price) is displayed and input by "1 Sen (1/100 Yen)" unit.
- ◆ Since the long-term futures spread trading enable the input by zero and minus, if the spread price is "0 Sen", it is displayed as "0", and if it is a negative price, it is displayed and input with the minus symbol, "—".
  - ◇ The spread price is "10 Sen" → Display: "010", Input:"10"
  - ◇ The spread price is "0 Sen" → Display: "000", Input:"0"
  - ◇ The spread price is "—10 Sen" → Display: "—010", Input:"—10"
- ◆ In addition, in the long-term government futures spread trading, "Order without limit" input is impossible in terms of system. Therefore, if "0" is specified as the order price, it will be handled as "0 Sen" as described above.

4-1-2.4 Order Reception Start

The long-term government futures spread does not have a trading by the Itayose method (a method to select the buy/sell condition from the orders written on a board), hence, the order reception starts after the initial price is decided in the standard delivery month for the spread trading target.

In addition, there is no trading by Itayose, when the final price is decided, either.

Therefore, the trading is only by continuous session, and the first agreement of the continuous session is the initial price, and the final agreement is the final price.

4-1-2.5 Execution Requirements Addition

Since the long-term government futures spread trading does not have a trading by Itayose when the initial and the final price are decided as described above, "Opening session requirements (2)", "Closing session requirements (4)", and "Failure Requirements (6)" cannot be added.

4-1-2.6 Agreement Establishment Processing Method

So called, "LIFFE Method" is adopted in the long-term government futures spread trading as an agreement establishment method.

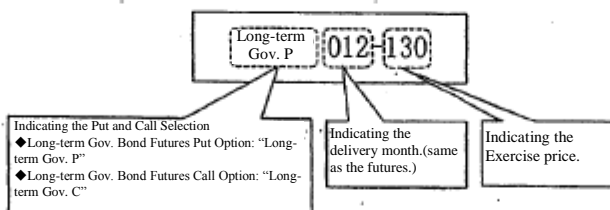
Therefore, the spread order itself is registered on the spread board, but if the individual delivery month board status for the spread target is more advantageous, the spread order will be registered on the individual delivery month board immediately at that time, and the agreement is processed on the individual delivery month board.

Please inquire TOSHO "Securities Department Securities General Affairs Section", or "Securities Department Securities Futures Option Business Office" for the details.

4-2 Bond Futures Option Market

4-2-1 Long-term Government Bond Option Trade

4-2-1.1 Brand Name



4-2-1.2 Price display and Input Unit Brand Name

- ◇ "1 Sen" Unit → Display example: "001" Input example:"1"

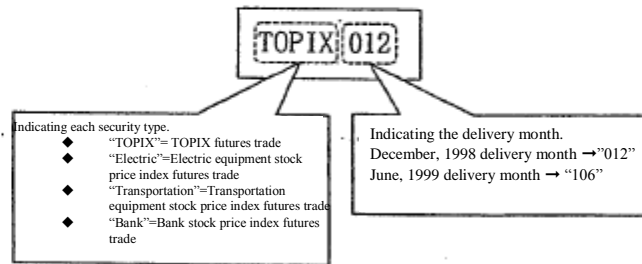
4-2-1.3 Exercise Method

- ◇ The rights can be exercised any time during the trading period. (USA Type)
- ◇ Regardless of whether it is In the Money, or Out of the Money, the rights can be exercised in all exercise price, by entering the exercise volume.
- ◇ Also, on the final day of the rights exercise, "automatic rights exercise system" will be adopted in the In the Money exercise price.  
⇒ "11-2-3.2 Automatic rights exercise system on the final day of the rights exercise in the long-term government bond futures option trading."

### 4-3 Index Futures Market

#### 4-3-1 TOPIX, Electric, Transportation, Bank Futures Trade

##### 4-3-1.1 Brand Name

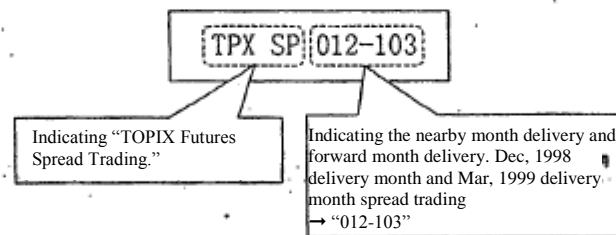


##### 4-3-1.2 Price Display and Input Unit

- ◆ TOPIX Futures Trade: "0.5 point " unit
- ◆ Electric Futures Trade: : "0.5 point " unit
- ◆ Transportation Futures Trade: : "0.5 point " unit
- ◆ Bank Futures Trade: : "0.1 point " unit

## 4-3-2 TOPIX Futures Spread Trade

## 4-3-2.1 Brand Name



## 4-3-2.2 "Sell", and "Buy" meaning in TOPIX Futures Spread Trading.

- ◆ "Sell": Nearby month buying, Forward month selling
- ◆ "Buy": Nearby month selling, Forward month buying

## 4-3-2.3 Price display and input unit before Zero, and minus price response (Scheduled in November, 1998)

- ◆ For a while after the Futures/ Option purchase system is activated (until November, 1998 (plan)), the price gained by the nearby month delivery price subtracted from the forward month delivery price (spread price) is displayed and entered by the increment of "0.5 point" setting 0.0 point as "1000".
  - ◇ The spread price is "0.5 point" → : "1005"
  - ◇ The spread price is "0.0 point" → : "1000"
  - ◇ The spread price is "—0.5 point" → : "—995"
- ◆ In addition, in TOPIX Futures Spread Trading, entering "order without limit" is impossible in terms of the system. Therefore, if "0" is specified as the order price, it is considered an order without limit, which will be an error order.

## 4-3-2.4 Price Display and Input Unit after the Zero and Minus price response (Scheduled in November, 1998)

- ◆ The price gained by the forward month delivery price subtracted from the nearby month delivery price (spread price) is displayed and entered by the increment of "0.5 point".
- ◆ Since zero and minus price input becomes possible after the zero and minus price response, if the spread price is "0.0 point", it is displayed and entered as "0", and if it is minus price, it is displayed and entered with the minus symbol, "—" added.
  - ◇ The spread price is "0.5 point" → Display: '05', Input: '5'
  - ◇ The spread price is "0.0 point" → Display: '00', Input: '0'
  - ◇ The spread price is "—0.5 point" → Display: '—05', Input: '—5'

- ◆ In addition, in TOPIX Futures Spread Trading, entering “order without limit” is impossible in terms of the system. Therefore, if “0” is specified as the order price, it is handled as “0.0 point” as described above.

#### 4-3-2.5 Execution Requirement Addition

As described above, in TOPIX Futures Spread Trading, “order without limit” cannot be specified, hence, “Failure Requirements (6)” cannot be added.

#### 4-3-2.6 Agreement Establishment Processing Method

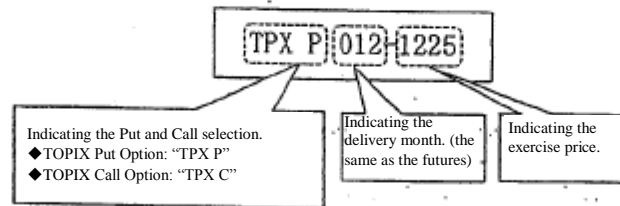
So called “Separate board method” is adopted as the agreement establishment method in TOPIX Futures Spread trading.

Therefore, the spread order is registered on the spread board, where the agreement is processed regardless of the individual delivery month board status for the spread target.

## 4-4 Index Option Market

## 4-4-1 TOPIX Option Trade

## 4-4-1.1 Brand Name



## 4-4-1.2 Price Display and Input Unit

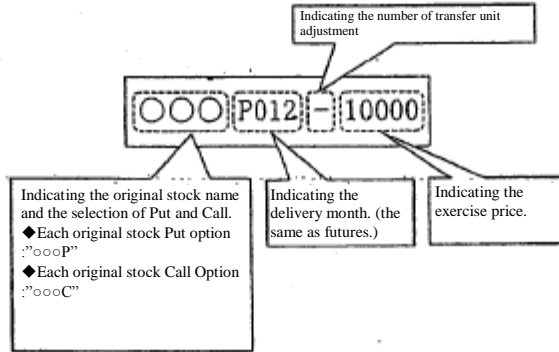
- ◆ "0.5 point" Unit → Display example: "05", Input example: "5"

## 4-4-1.3 Rights exercise method

- ◆ The rights can be exercised only on the final day of the rights exercise (the next day of the final trading day). (European type)
- ◆ The rights cannot be exercised on the exercise price other than the In the Money.
- ◆ In addition, a fixed range (0.3 point) from the final closing index is adopted for the final rights exercise day, and "automatic rights exercise system" is adopted for the In the Money exercise price.  
⇒ "11-2-3.3 Automatic rights exercise system of the final rights exercise day in TOPIX Option Trading"

## 4-5 Stock Option Market

### 4-5-1 Brand Name



#### 4-5-1.1 Original Stock Name

The abbreviation for each stock option's original stock name is displayed.

※ The abbreviation of some original stocks may differ from that of the old stock OP terminal.

<Example> "Shin Nittetsu" (Nippon Steel Corp) → Old Stock OP Terminal: "Shin Tetsu"  
Current Terminal : "Shin Nittetsu"

#### 4-5-1.2 Number of Transfer Unit Adjustment

When a stock split, etc. occurs to an original stock, if the transfer unit of a brand out of the stock option brands targeting this original stock is adjusted, the number of the transfer unit adjustment will be displayed in English cap.

- ◆ "—": Brand without an adjustment to the transfer unit (The brand whose transfer unit is the same as the purchase unit of the original stock)
- ◆ "A": Brand whose transfer unit was adjusted once due to a stock split, etc.
- ◆ "B": Brand whose transfer unit was adjusted twice due to a stock split, etc.
- ◆ "I": Brand whose transfer unit was adjusted 9 times due to a stock split, etc.

<sup>4-1</sup> The brand without an adjustment to the transfer unit refers to the brand whose transfer unit is the same as the purchase unit of the original stock, and the brand whose transfer unit is adjusted n number of times, refer to the brand whose transfer unit differs from that of the original stock because of the adjustment made n number of times to the transfer unit due to a stock split, etc.



## 4-5-1.3 Exercise Price

Under the new terminal, 1 -5 digits exercise price is displayed in accordance with the digit omitting method by the exercise price standard.

※ The digit omitting method differs from that of the old stock OP terminal.

Exercise Price Standard	Inventory	Display, Input Example	
		Actual Exercise price	Exercise price on the display & input.
-less than 100,000 Yen	All digits display	12,000 Yen	12000
Greater than or equal to 100,000 Yen -less than 1 million Yen	Omitting the lower 2 digits	120,000 Yen	120
Greater than or equal to 1 million Yen- less than 10 million Yen	Omitting the lower 2 digits	1,200,000 Yen	1200
Greater than or equal to 10 million Yen	Omitting the lower 3 digits	12,000,000 Yen	120000

## 4-5-2 Price

## 4-5-2.1 Price Increment

As shown in the chart below, it is displayed by the increment decided by the standard of the original stock minimum limiting price of the day.

Original stock minimum limiting price of the day	Price increment
~ less than 2,000 Yen	50 Sen
Greater than or equal to 2,000 Yen - less than 3,000 Yen	2 Yen 50 Sen
Greater than or equal to 3,000 Yen - less than 30,000 Yen	5 Yen
Greater than or equal to 30,000 Yen- less than 50,000 Yen	25 Yen
Greater than or equal to 50,000 Yen - less than 100,000 Yen	50 Yen
Greater than or equal to 100,000 Yen- less than 1 million Yen	500 Yen
Greater than or equal to 1 million Yen	5,000 Yen

4-5-2.2 Price Display and Input Unit

It is displayed by 10 Sen (1/100 Yen) unit or 10 Yen unit according to the original stock purchase unit.

- ◆ The original stock purchase unit is other than 1 stock: 10 Sen Unit
- ◆ The original stock purchase unit is 1 stock: 10 Yen Unit

<Display Example>

Actual Price	Price Display	
	Brand whose original stock purchase unit is "Other than 1 Stock"	Brand whose original purchase unit is "1 Stock"
50 Sen	05 ("5" when entered)	—
5Yen	50	—
50 Yen	500	5
500 Yen	5000	50
5,000 Yen	50000	500
50,000 Yen	500000	5000
500,000 Yen	5000000	50000

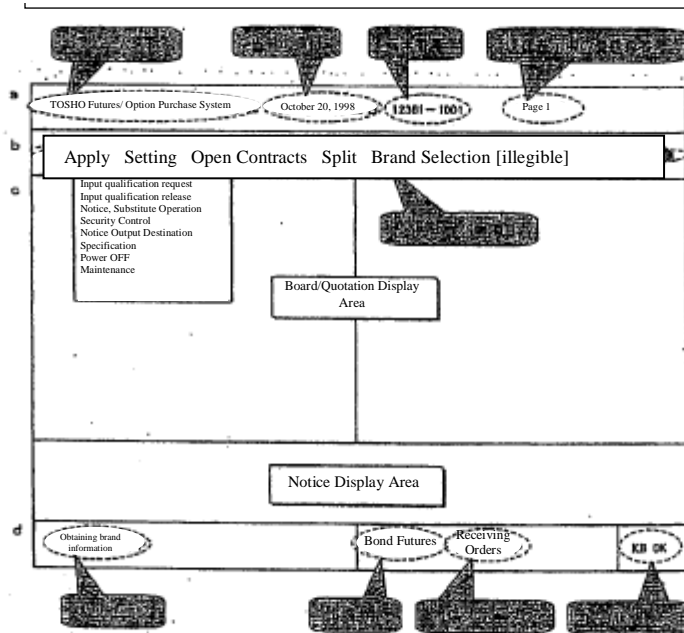
4-5-3 Rights Exercise Method

- ◆ The rights can be exercised only on the final rights exercise day (final trading day). (European type)
- ◆ The rights can be exercised in all exercise price by entering the exercise volume, regardless of whether it is In the Money, or Out of the Money.

Chapter 5 Screen Configuration

The work screen displayed consists of ①Main Window, ②Various Input Window, ③Various Inquiry Response Window.

5-1 Main Window



## Chapter 5 Screen Configuration

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### a. Title Bar

- ◆ System Name “TOSHO Futures/Option Purchase System” is displayed.
- ◆ Today's date Today's date is displayed.
  - ※ It is not displayed if all usable market is off line.
  - ※ During a test, the date used for the test may be displayed.
- ◆ Terminal No. The corresponding client terminal number is displayed.
- ◆ Registration No displayed The current Board/Quotation information registration page number is displayed.

### b. Menu Bar

- ◆ Menu Item The menu item to select each function is displayed.  
By selecting each item, the menu to select each item function is displayed.
  - ◇ Help :Online Help Window is displayed.
  - ◇ Operate :Operation function selection menu is displayed
  - ◇ Setting :Setting function selection menu is displayed
  - ◇ Position :Position related function selection menu is displayed.
  - ◇ Split : Board/Quotation information display area's split format selection menu is displayed
  - ◇ Select Brand : The market selection menu to which the brand belongs to is displayed.
  - ◇ Select Page : Page selection window is displayed.
  - ◇ Inquiry : Inquiry function selection menu is displayed.
  - ◇ New Order : New order input window is displayed.
  - ◇ Correct Order : Corrected order input window is displayed.
  - ◇ Multiple Order: Multiple order input function selection menu is displayed.
  - ◇ Previous Page: Change the currently displayed Board/Quotation information to the previous registration page.
  - ◇ Next Page: Change the currently displayed Board/Quotation information to one registration page forward.

### c. Information Display Area

- ◆ Board/Quotation Display Area Board information and Quotation information are displayed.  
⇒ “Chapter 7 Board/Quotation Information Inquiry”
- ◆ Notice Display Area Notice information, etc. related to the order entered by the corresponding client is displayed  
The notice display area is divide into “Latest notice display area” and “Notice scroll area”.  
⇒ “Chapter 8 Notice Display Area”

d. Status Display Area

- ◆ Message Various messages are displayed.
- ◆ Market Name and Market Status

The market name that the client can use, and the current status information of this market are displayed. By clicking the displayed area, each market will be displayed in a circulating manner.

- ◇ OFF Line: To indicate the off line status.
- ◇ OFF Line: To indicate the start of the off line.
- ◇ Obtaining order: To indicate the orders are being accepted.
- ◇ In Session: To indicate being in session
- ◇ Order reception closed: To indicate the order reception is closed.
- ◇ Accepting Resale and buy back etc.: To indicate the resale, and buy back, etc. input is being accepted.
- ◇ Resale and buy back reception closed: To indicate the resale and buy back, etc. is closed.
- ◇ Position Aggregation Completed: To indicate the completion of the position aggregation.
- ◇ Extract Completed: To indicate the completion of extraction process.  
(Option market only)
- ◇ Suspending session: To indicate the session is under suspension due to a trouble, etc.

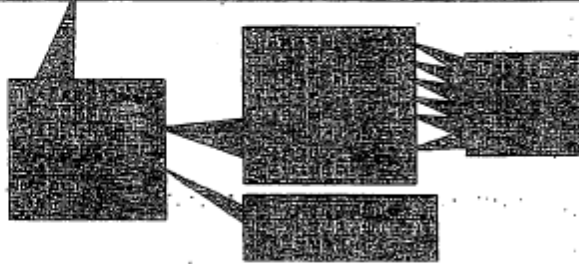
e. KB Status Display The status about whether the client operation is possible is displayed.

- ◇ KB OK: To indicate the operation is possible.
- ◇ KB Lock: To indicate the operation is impossible due to processing inquiries, etc.

Chapter 5 Screen Configuration

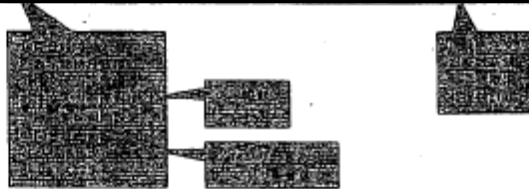
<<Menu List Table>>

Operate



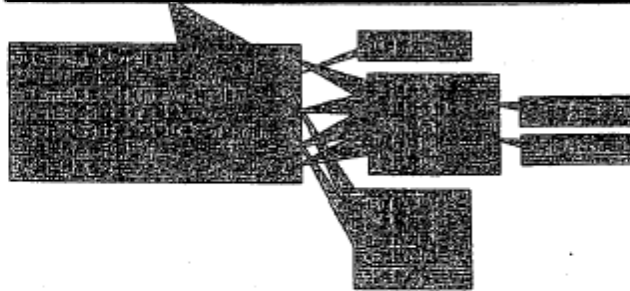
\* "Security Control" cannot be initially selected.

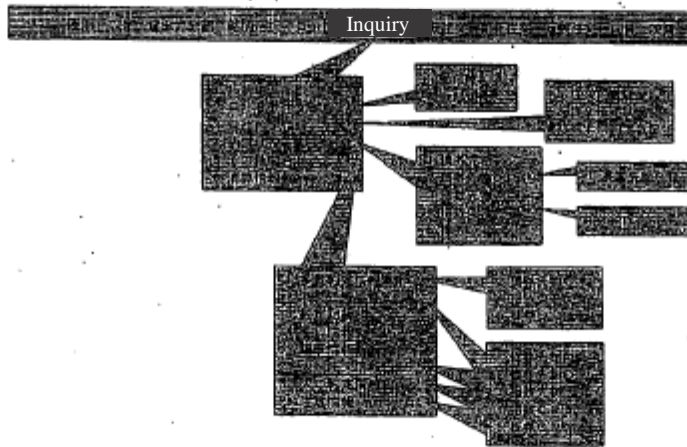
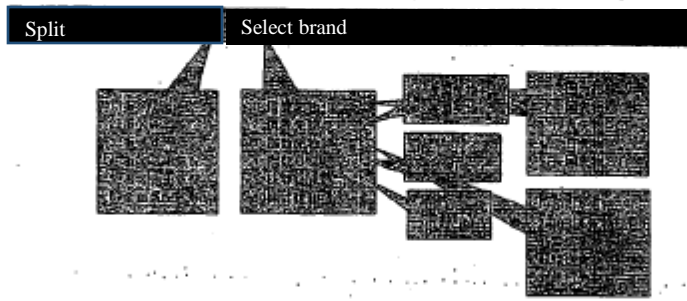
Setting



\* "Inquiry Screen Setting" cannot be initially selected.

Position





- ※ Whether "Trade information (buyer, seller of the brand and its volume)" "Major order information" and "Major agreement information" in "Other inquiries" can be selected depends on the market.
- ※ "Board format" in "Home company valid order list", "Agreement volume by terminal" in "Home company agreement information", and "Position information" in "Other inquiries" cannot be initially selected.

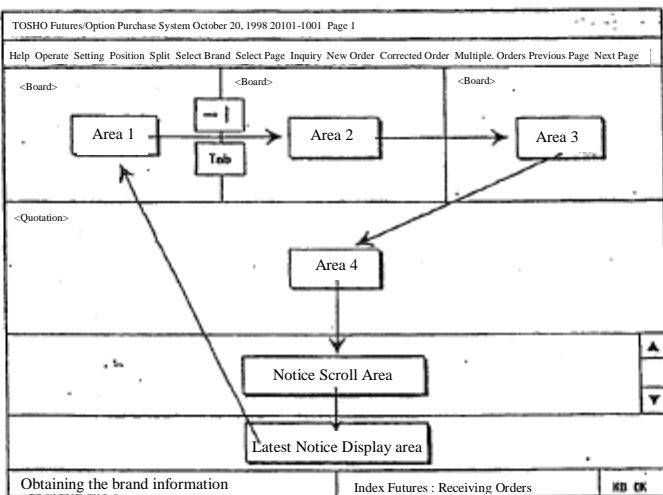
5-1-1 Specification of the operation target area in the main window

Out of the information display area inside the main window (Board/quotation display area+ Notice display area), the board/quotation display area is split into 2-6 area, and the notice display area into 2 areas.

By specifying one of the 4-8 total areas of the board/quotation display area and the notice display area, as "Operation target area", this area operation becomes possible.

"Operation target area" moves to the next area by pressing "Tab" key when the focus is on the main window. It also moves to the previous area by pressing "Back Tab" key.

<"Operation target area" transition example when the tab key is pressed.>





5-1-2 Operation Target Area Display

If the area is the operation target area, it is indicated as such by the cursor display, etc. as follows.  
 However, the notice scroll area displays the cursor even when it is not the operation target area due to OS restriction.

◆ Board Screen

Continuous Session 02 Long-term Gov PD12-134 Basic 004

Conditional order without limit  
Order without limit

007  
006  
005  
004  
003  
002  
001  
UNDER

The brand name is highlighted.

The cursor is displayed on the board.

◆ Quotation Screen

	Sell Quotation		Buy Quotation	
	Volume	Price	Price	Volume
01 TOP12-042	5	13005	13000	10
02 TOP12-100	6	13100	13095	2
03 TOP12-100				
04 TOP12-100				

The cursor is displayed in the quotation information column.

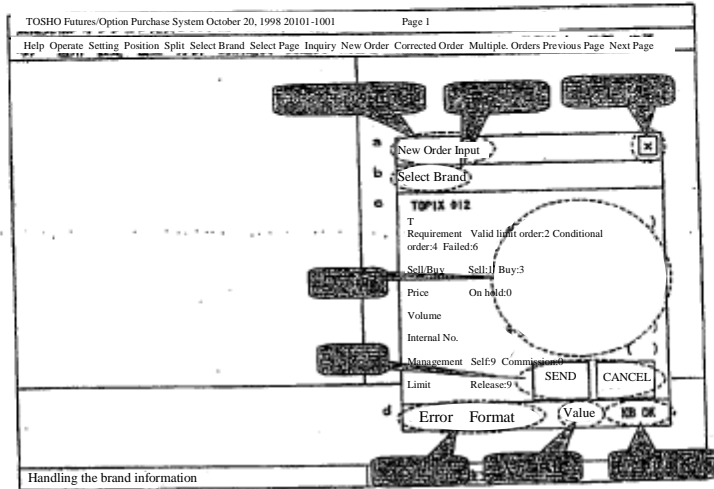
The brand name is highlighted.

◆ Latest Notice Display Area

New	Long-term Gov	012	Sell Conditional Order Without Limit	10	9:01	245/	)Final
New	Long-term Gov	012	Sell	13020	10	9:15	( 301/ )From
Agreement	Long-term Gov	012	Sell	13020	2 (Remaining 8)	9:15	( 301/ )From
Agreement	Long-term Gov	012	Buy	13015	5	9:20	( 356/ )From
	New Long-term Gov	012	Sell conditional order without limit		9:38	( 440/	)Final

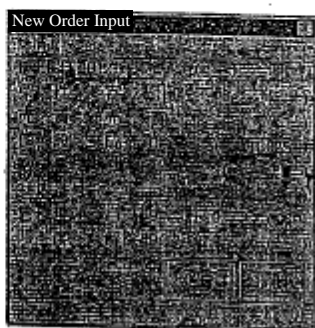
The cursor is displayed.

5-2 Various Input Windows



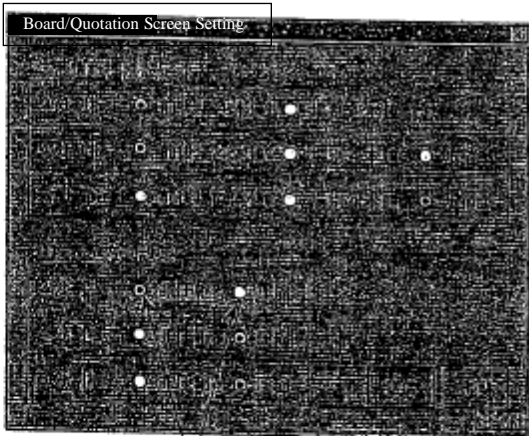
- a. Title Bar
  - ◆ Window Title Indicating various input window titles
  - ◆ "X" Button Indicating "X" button to close the window
- b. Menu Bar (Some window only)
  - ◆ Menu Item Indicating the function selection menu items such as "Select Brand".
- c. Input Area
  - ◆ Input Column To enter the necessary data.
  - ◆ Button
    - ◇ "SEND" Button: To send the input content
    - ◇ "CANCEL" Button: To close the window invalidating the input content
- d. Status Area
  - ◆ Message To indicate an error message, etc.
  - ◆ Input Column Property To indicate the input column property where the cursor is.
  - ◆ KB Status Display To display the corresponding client operability status as the main window.

When entering the new order, etc. in various input window, enter the necessary data in each input column after the input window is displayed. Data can be entered only by the keyboard.



**Input Column**  
Each data input column is displayed as "( )". Data is entered in each input column by pressing the number keys on the keyboard

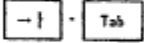
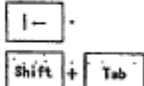
**Cursor**  
Input is possible in the input column by moving the cursor to each input column to be displayed.



**Radio Button**  
It is used to choose multiple items under the inquiry input requirements, etc. To make a selection, move the cursor to each radio button area by Tab key and select by Arrow key, or by clicking the mouse.  
The radio button for the selected item will indicate the selected status (⊙), and the item name will be enclosed by dotted line.

5-2-1 How to move "Cursor"

The cursor is moved to the following input column, etc. by pressing "Tab" key. In addition, it moves to the previous input column by pressing "Back Tab" key.

	Pressing Key	Function
"Tab" key		To move the cursor to the next input column, etc.
"Back Tab" key		To move the cursor to the previous input column, etc.

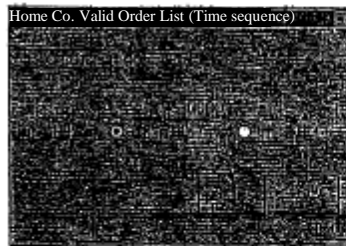
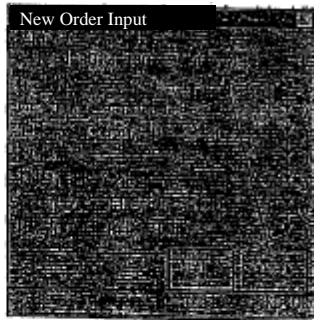
The cursor is also moved to the input column by clicking the mouse on the input column to which you wish to move.

5-2-2 Sequence of "Cursor" move

The cursor can be moved not only to an input column, but also to "Send", "Cancel" buttons, or the radio button area as shown in the following examples by pressing "Tab" key, etc.

When the cursor is on "Send", "Cancel" button, or radio button, the item name will be enclosed in dotted line.

<Examples of move sequence when "Tab" key is pressed>



The move sequence will be reversed when "Back Tab" key is pressed.

5-2-3 Input Target Brand Change

In the input window to make a brand unit entry, the input target brand can be changed by the following method.  
If the input target brand is changed in the input window, the item already entered will be deleted.

5-2-3.1 Change by repeating the input window display operation

After the input window is displayed, the brand name can be changed back to the one set up at the display operation is conducted, by repeating the display operation of this input window.

<Example: New Order Input Window>

- ◆ Double click the mouse again at the specific area of the Board/Quotation Screen.  
→ Set up the brand name where it is double clicked again.

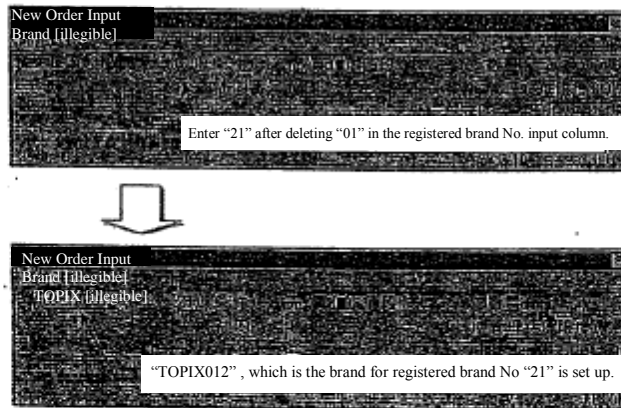
5-2-3.2 Change by input to the brand registration number input column

There is a registered brand number input column in each order input window of the input window. Enter the registered brand number out of "01" - "24" in "Registered Brand Number Input Column".

→ At which point, the brand name corresponding to the registered brand number entered in the registration page on the Board/Quotation screen will be set up.

<Examples of the brand name change by entering the registered brand number>

When the following brands are registered in the registration page on the Board/Quotation screen currently displayed.  
"01": Long-term Gov. 012, "21": TOPIX 012



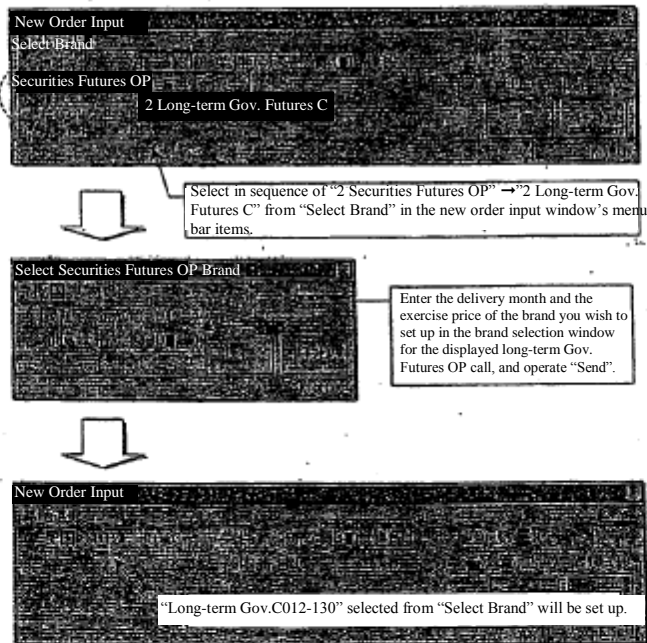
Chapter 5 Screen Configuration

5-2-3.3 Change by selecting from "Select Brand" in the input window's menu bar items.

Each order input window to make an entry by a brand unit, and each inquiry input window has a menu bar respectively. By selecting a brand from "Select Brand" in this menu bar, the brand name can be changed or set up in the corresponding input window.

- (1) Select "Select Brand" in the new order input window's menu items by the mouse or keyboard.
- (2) Select a market to which the brand you wish to set up belongs from the menu list for market selection.
- (3) Select a securities type to which the brand you wish to set up belongs from the sub-menu list for securities type selection displayed from the selected market.
- (4) By entering the delivery month, etc. in the displayed brand selection window and operation "Send", the selected brand name will be set up in the corresponding input window.

<Example of the brand name change by "Select Brand":



5-2-4 Input content deletion

The input content in the input column where the cursor is placed will be deleted by pressing the "Delete Item" key.



The item can be also deleted by pressing "Back Space" key or "Delete" key.

5-2-5 Sending the input content

To send the input content, operate "Send" after the necessary data is entered in each input column.

5-2-5.1 Operation by mouse

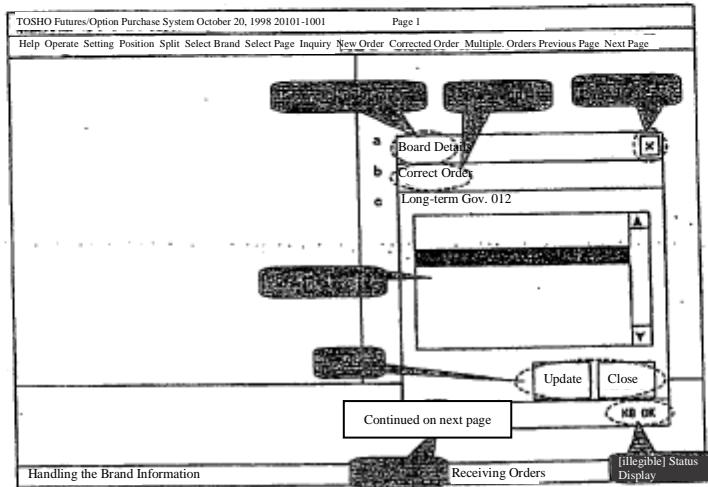
Click "Send" button" located in the lower section of each input window.

5-2-5.2

- ◆ The input content will be sent by pressing "Send (Enter)" key. However, if the cursor is placed at "Cancel" button, when the "Send (Enter): key is pressed, the input content will become invalid, and the window will be closed.

Chapter 5 Screen Configuration

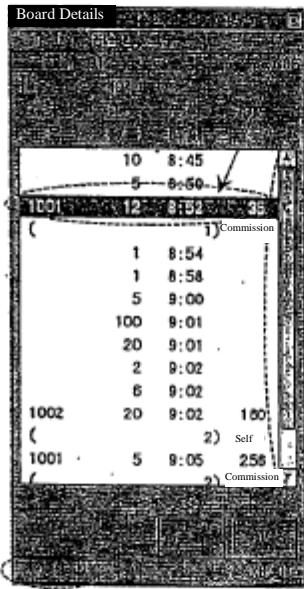
5-3 Various Inquiry Response Windows



- a. Title Bar
  - ◆ Window Title To display the title of each inquiry response window.
  - ◆ "X" button To display "X" button to close the window.
- b. Menu Bar (some window only)
  - ◆ Menu Item To display the menu items to select the function of "Correct Order" etc.
- c. Response information display area
  - ◆ Response information display column To display the inquiry response information  
The displayed information is scrolled up and down by the basic scroll operation.
  - ◆ Button "Update" button: To update the response information to the latest information.  
(some window only)  
"Close" button: To close the window
- d. Status Area
  - ◆ Message To display a message.
  - ◆ KB Status Display To display the status whether the client operation is possible as in the main window



In various inquiry response windows, the response information except for some is displayed in the scrollable area, hence, if the response information cannot be displayed in its entirety inside the response information display area, all information can be displayed by scrolling.  
 The background of the scrollable area is "White."  
 Scrolling is possible in the scroll area both by mouse and keyboard.



**Cursor**  
 By moving the cursor up and down in the scroll area by the arrow key, the response information can be displayed in a scroll manner.  
 When using the mouse, scrolling is possible by dragging the cursor inside the scroll area.

**Scroll Bar**  
 By clicking the mouse on "▲" or "▼" at the top and bottom of the scroll bar, the response information can be scrolled up and down to be displayed.  
 Scrolling is possible also by picking up the nudge inside the scroll bar by the mouse pointer and moving it.  
 ※In addition, if the display information is smaller than the displayable number of the response display column, the scroll bar cannot be operated. Therefore, if there is a "Previous Page" information, make an inquiry by moving the cursor via the arrow key, or pressing the "Up" key.

**"Up" and "Down" Key**  
 By pressing "Up" and "Down" key on the keyboard, the response information can be displayed by scrolling multiple lines.

**"With Next Page," "With Previous Page," and "With Previous Page/Next Page" message**  
 When the many inquiry response information volume is large, you may not be able to obtain all information with one inquiry. In which case, the existence of the information not yet displayed is indicated by displaying the message "With Next Page".  
 In addition, depending on the type of the inquiry, the messages such as "With Previous Page", "With Previous Page/Next Page" may be displayed other than "With Next Page".  
 ⇒ "5-3-4 Inquiry for the information not yet displayed"

Chapter 5 Screen Configuration

In some inquiry response window for the position balance list, etc., it is made easy to inquire about the different securities type within the same market and the delivery month within the same securities type by using the Tab list.

Position Balance List

Long-term Gov. [illegible]

Delivery Month [illegible]

103	120000	110000	10000
106	1000	800	200
109	0	0	0
112	0	0	0
203	0	0	0

**Tab Control**  
 If not all Tab list items can be displayed, by clicking the tab control button, the tab list will scroll left and right to display all tab list items.

**Tab List**  
 After inquiring about the position balance list, etc., the response information related to each securities type can be displayed by displaying the different securities type within the same market, or the different delivery month within the same securities type on the tab list, and selecting the securities type, etc. that you wish to inquire.  
 The tab can be selected by clicking, when using the mouse.  
 When using the key, move the cursor to the tab list (if the cursor is on the tab list, the item name will be enclosed by dotted line) and select the target tab by the arrow key.

Position Balance List

Securities Futures

Long-term Gov. Futures [illegible]

Delivery month [illegible]

012	120000	110000	10000
103	1000	800	200

Position Balance List

Securities Futures

Long-term Gov. Futures [illegible] Futures

Today Previous day Previous [illegible]

Delivery month Position [illegible]

012	10	10	0
103	0	0	0

By selecting "Ultra Long-term Futures" tab by the arrow key, etc. when "Long-term Gov. Futures" info.

5-3-1 How to move "Cursor"

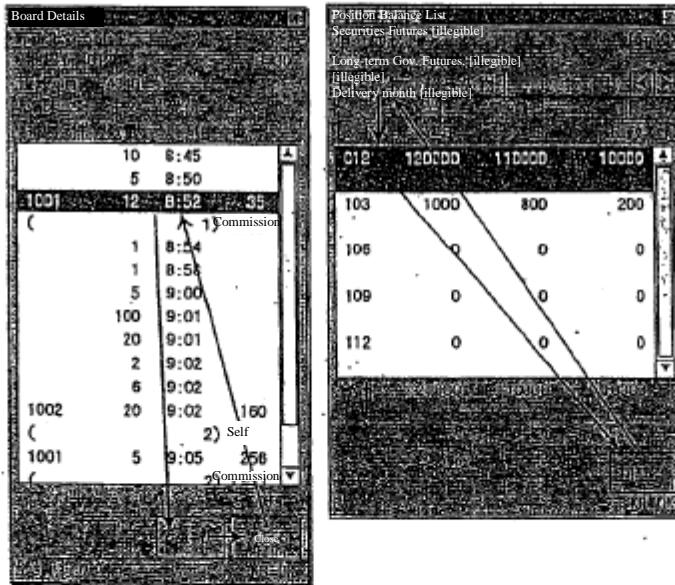
There is a cursor in the inquiry response window as in the input window, and it moves to the following area, etc. by pressing "Tab" key. It also moves to the previous area, etc. by pressing "Back Tab" key.

In addition, the cursor can move to the area, etc. by clicking the input column to which you wish to move with the mouse.

5-3-2 Sequence to move "Cursor"

The cursor moves to the "Scroll area", "Tab list" and "Update", "Close" button or radio button area that display the response information as in the following examples, by pressing "Tab" key, etc.

If the cursor is on "Tab list" and "Update", "Close" button or radio button area, the item name will be enclosed by dotted line.



5-3-3 Update to the latest status of the response information

The inquiry response information which content changes as the time passes, can have its response information updated to the latest information by the following operation.

5-3-3.1 Operation by the mouse

Click the "Update" button located at the bottom of each inquiry response window.

5-3-3.2 Operation by the keyboard


- ◆ By pressing "Send (Enter)" key, the latest information inquiry can be made.  
However, if "Send (Enter)" key is pressed, when the cursor is placed on "Close" button, the corresponding button will be closed.

5-3-4 Inquiring about the information not yet displayed

Depending on the type of inquiry, it may not be possible to obtain all information by one inquiry.

In such case, it displays a message such as "With Next Page", to indicate there is any information that is not yet displayed.

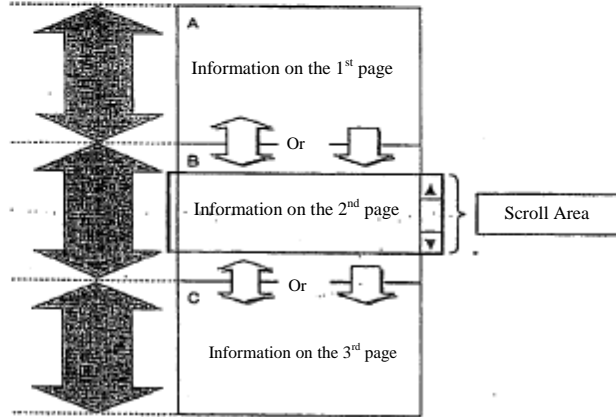
- ◆ "With Next Page"
  - ◇ Indicating that there is an information which cannot be displayed when the 1<sup>st</sup> inquiry is responded.
  - ◇ The next page information can be inquired by pressing the "Next Page" key, or having the information shown at the lowest column displayed and further scrolling downwards.
- ◆ "With Previous Page"
  - ◇ It is displayed to indicate that there is a previous page information when the next page information is inquired.
  - ◇ The previous page information can be inquired by pressing the "Previous page" key, or having the information shown at the top column displayed and further scrolling upwards.
- ◆ "With Previous Page/Next page"
  - ◇ It is displayed indicating that there is even more next page information, in addition to indicating that there is a previous information, if there is further information that is not yet displayed when the next page information is inquired.



Depending on the type of inquiries, for those that the central system responds, only "With Next Page" is displayed, and for those that the terminal server responds, all "With Next page," "With Previous Page," "With Previous/Next page" are displayed.

- ◆ Inquiries that display only "With Next Page" ("Previous Page" inquiry is not possible.)  
"Board Details"
- ◆ Inquiries that display "With Next Page," "With Previous Page," "With Previous/Next Page"  
"Home Co. Valid Order List (time sequence)", "Order agreement history," "Notice search"

※Example of inquiry by the page unit (Obtaining an inquiry response information)



	Central System inquiry response Board Details	Terminal server inquiry response Host Company Valid Order List (time sequence) Order agreement history Notice search
1 <sup>st</sup> Page on Display	“With Next Page” ※Next Page information inquiry possible	“With Next Page” ※Next Page information inquiry possible
2 <sup>nd</sup> Page on Display	“With Next Page” ※Next Page information inquiry possible ※Previous Page information impossible	“With Previous/Next Page” ※Both Previous/Next Page information inquiries are possible.
3 <sup>rd</sup> Page on Display	Message not displayed ※Previous Page information impossible	“With Previous Page” ※Previous Page information inquiry possible

*setting up the screen*

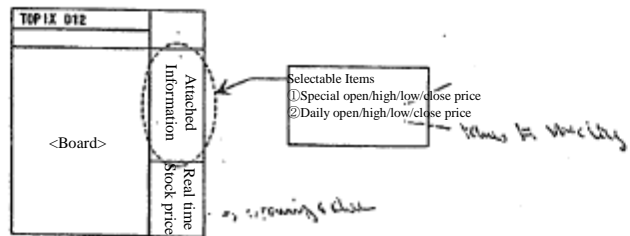
**Chapter 6 User Setting Items When Using The Terminal**

There are several user setting items in the new terminal system, which can be set up for each client. Therefore, make the setting as needed.

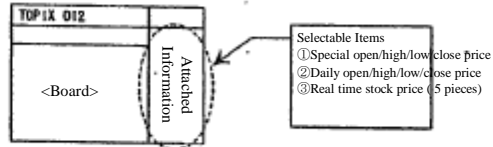
6-1 Setting by the attached information type of the Board/ Quotation Information

The open, high low and close prices or the real time stock price type which are displayed as an attached information in the half split size board screen, quarter split size board screen and the quotation list screen can be set up.

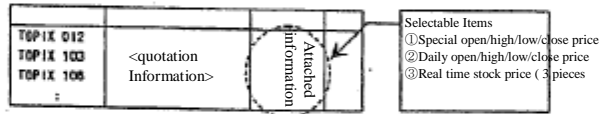
6-1-1 Attached information Type *Set info*  
 ◆ Half Split size board screen



◆ Quarter Split Size Board Screen

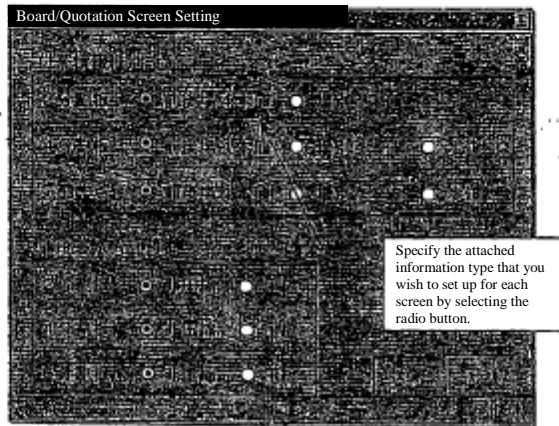


◆ Quotation List Screen



6-1-2 Setting Method

- ① Select in the sequence of “Setting” → “5 Board/Quotation Screen setting” from the main window’s menu bar.
- ② Select the radio button by the attached information that you wish to set up for each screen in the “ attached information type setting column” of the “Board/ Quotation screen setting instruction input window”.
- ③ Make the setting by the attached information type by operating “Send (Enter)”.



6-2 Price display method setting for the board screen

For each half split size board screen, quarter split size board screen and one sixth split size board screen, "Non-compressed method" or "Compressed method" can be selected as a price display method for the board information.

6-2-1 Types of Price display method

- ◆ Non-compressed method  
Regardless of the existence of the orders, etc. at the corresponding price, it is a method to display all prices on the board.
- ◆ Compressed method  
It is the method to display only the price that satisfies the following requirements out of the prices on the board.
  - ◇ The price with an order
  - ◇ Latest agreement price (including the standard price of the day)
  - ◇ Quotation display price
  - ◇ Matching price

<Non-compressed price Display method>

Continuous session02		Long-term Gov		D12-130 Basic 004		004	
Order Without Limit Conditional Order Without Limit							
OVER							
3	5	007					
		006					
		005					
		004	10	4			
		003					
		002	150	3			
		001					
UNDER							



<Compressed price display method>

Continuous session02		Long-term Gov		D12-130 Basic 004		004	
Order Without Limit Conditional Order Without							
OVER							
3	5	007					
		004	10	4			
		002	150	3			
UNDER							





### 6-3 Setting the order input window format

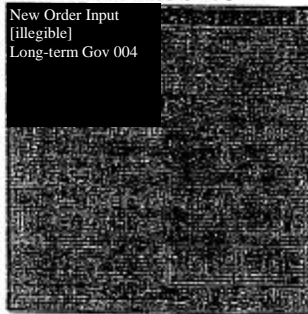
The order input window format can be selected either from “vertical” or “horizontal”.

#### 6-3-1 Types of information attached to the order input window which format type can be set up.

The input windows which format can be selected are the following 3.

- ◆ New order input window
- ◆ Bulk order input window
- ◆ Corrected order input window

<Example: Vertical New Order Input Window>

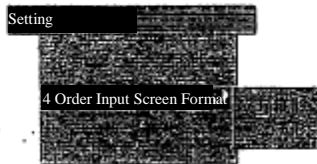


<Example: Horizontal New Order Input Window>



6-3-2 Setting Method

- (1) Select in the sequence of "Setting" → "4 Order input Screen Format" from the main window's menu bar.
- (2) Select either "1 Vertical form" or "2 Horizontal form" from the "Order Input Screen Format" sub-menu.



- ※ "✓" is attached to the beginning of the item currently selected, indicating that this item is under selection.
- ※ If this operation is conducted while the order input window whose format can be selected is on display, the item entered when the operation stops will be maintained, and the window format will be changed.

### 6-4 Automatic setting for the management item (by self, or commissioned) when the order is entered.

In this system, Self or Commission must be specified for the management items when a new order is entered. When entering a new order, if either Self order or Commissioned order input is decided in advance, by operating the automatic setting in the management items, "9" (Self Order) or "0: (Commissioned Order) is automatically set up in the management item input column.

#### 6-4-1 Automatic setting target window for the management item (by self, or commissioned)

The separation between self and commissioned for the management items can be automatically set up in the following 2 order input windows.

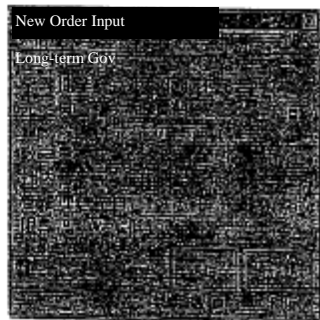
- ◆ New order input window
- ◆ Multiple new orders input window

<Example>

① Instruct automatic setting of "Sel (9)" in the management Item input column



② "New Order Input Window" display operation

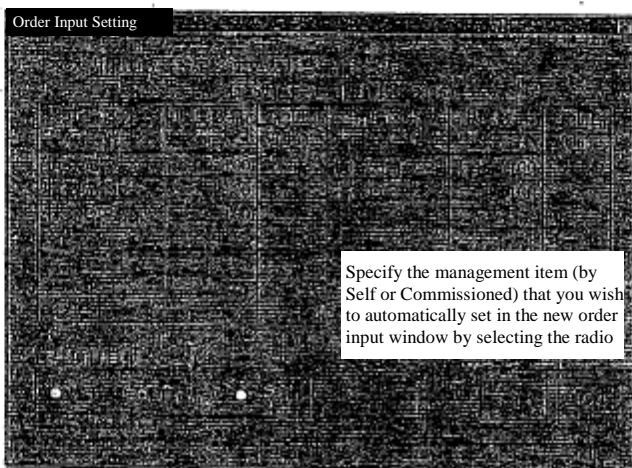


"9" indicating the Self order is automatically set up in the management item input column.

◆ If the management item automatic setting is instructed, it becomes effective when you display the new order input window after the instruction.  
◆ While the management item is automatically set, the management item will not be cleared even after the new order is "Sent".  
◆ In addition, the management item input column can be overwritten even if it is automatically set.

6-4-2 Setting Method

- (1) Select in the sequence of “Setting” → “Order Input setting” from the main window’s menu bar.
- (2) Select the radio button whose content is to automatically set the management item in “management item automatic setting column” of “Order input setting instruction input window”.
- (3) By operating “Send (Enter)”, the Self or Commissioned will be automatically set in the order input window.



### 6-5 Setting the Maximum Order Input Volume when a new order is entered.

The maximum order input volume can be set up in advance, in order to prevent the erroneous orders, etc. by erroneously entering the order volume when a new order is entered. The maximum order input volume can be set up for each market, and if the volume that exceeds the maximum order input volume set for the brand that belongs to this market is entered, and "Sent (Enter)" is operated, it will be an error.

#### 6-5-1 Setting the maximum order input volume

It is checked by the maximum input volume set when a new order is entered from the following 3 windows.

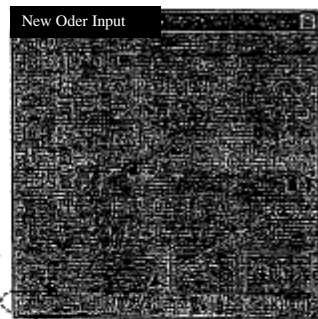
- ◆ New order input window
- ◆ Multiple new orders input window
- ◆ Bulk orders input window

<Example>

- (1) Set the maximum order input volume for the brand in the Index futures market at "100"



- (2) Enter "150" in the order volume input column of "New Order Input Window" and send it.



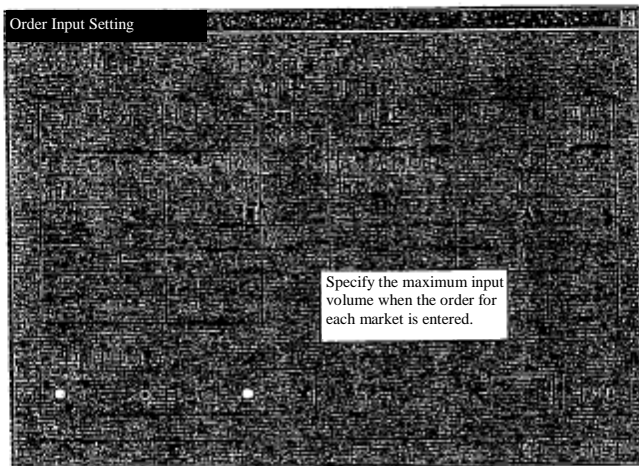
Since the order input volume exceeds the maximum input volume, this new order input becomes an error, and "Error Maximum volume" is displayed.



- ◆ By entering "9" in the maximum cancellation input column, the order input that exceeds the maximum volume becomes possible even if the maximum order input volume is set up.
- ◆ After the maximum input volume setting is operated, the checking based on the set volume starts from the next new order input.


6-5-2 Setting Methods

- ① Select in the sequence of "Setting" → "3 Order Input Setting" from the main window's menu bar.
- ② Enter the value set as the maximum input volume in the "maximum volume" input column responding to each market of the "Maximum order input setting column" of the "Order input setting instruction input window".
- ③ Set the maximum input volume by operating "Send (Enter)"



6-5-3 Maximum Input volume cancellation

To cancel the maximum input volume setting (the maximum input volume check will not be conducted on the order volume when a new order is entered), clear the set volume in the "maximum volume" input column corresponding to each market in the "Maximum input volume setting column" of the "order input setting instruction input window" by 'Delete item,' and operate "Send (enter)".

 Since the maximum input volume setting is stored inside the client, when there is a trouble in the client hard disk, this information will be lost. In such case, re-registration work is necessary after the trouble is recovered.

※In addition, "Order input warning price" located in the same column as the maximum input volume setting cannot be initially set up.

## 6-6 Order and Agreement related notice output destination printer setting

The printer at the output destination of the notice related to the input from the terminal can be set by setting the terminal.

### 6-6-1 Notice output destination printer setting

The printer at the output destination of various notices related to input (page/dot printer and receipt printer) can be set by "Each input terminal unit" and by "Notice type unit".

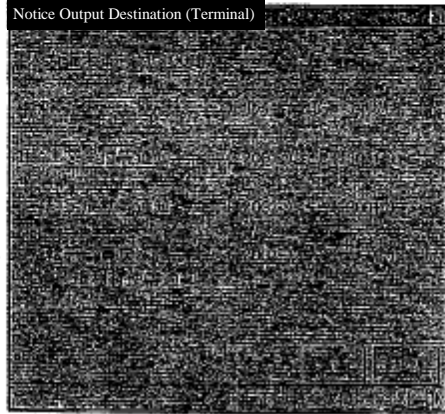
- ◆ Notice types
  - ◇ Order reception, etc. notice  
"Order reception notice", "Error notice"
  - ◇ Agreement establishment notice  
"Agreement establishment notice", "Cancellation result notice", "Change result notice", "Invalid order notice"
  - ◇ Resale and buy back/ Rights exercise, etc. notice  
"Resale and buyback/ rights exercise result notice" (including the correction, and invalidity notice)  
"Resale and buyback/ rights exercise input result notice" (including the correction and invalidity notice)  
"Resale and buyback (Option trade rights exercise portion) input result notice" (including the correction and invalidity notice)  
"Commission portion trade deposit calculation basic position balance input result notice" (including the correction and invalidity notice)  
※There will be no output until the deposit amount insertion date, etc. is shortened.  
⇒ "Chapter 13 Notice"
- ◆ Only the terminal subordinate to the same server as the one under the instruction operation can be set up.
- ◆ The printer that can be set up as the notice destination varies depending on the printer type.
  - ◇ Page Printer : "The page printer subordinate to the same terminal server as the input terminal" or "The page printer that this terminal server shares" can be set.
  - ◇ Dot Printer: "Only "the dot printer subordinate to the same terminal server as the input terminal" can be set.  
※Only one, either page or dot printer, can be set for the same notice.
  - ◇ Receipt Printer: Only "the receipt printer subordinate to the same terminal server as the input terminal" can be set.



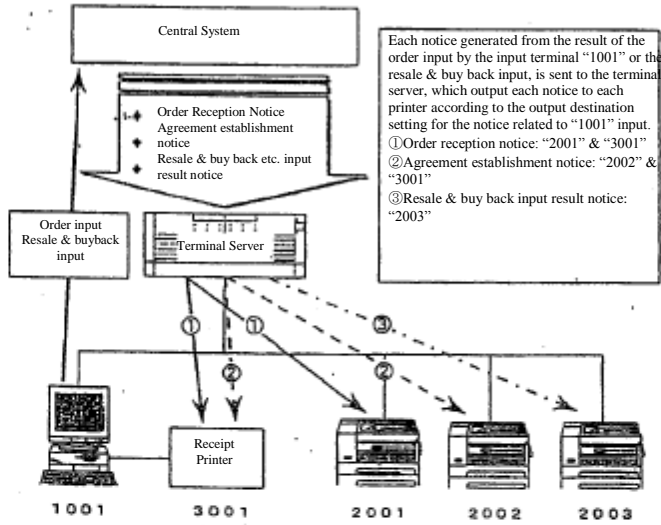
The notice output destination can only be specified by the client with the youngest number subordinate to the terminal server.  
※If you wish to change the setting, please apply to the office.



<Example of the output to the notice destination printer>

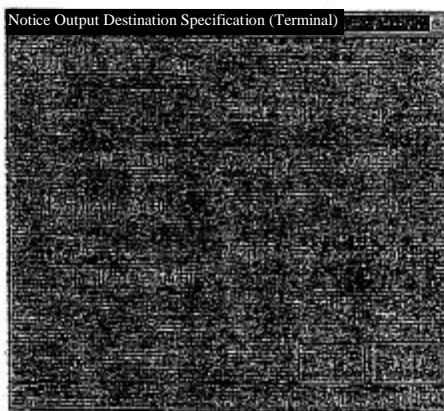


In the case of the setting above, the notice output destination will be as follows.




6-6-2 Setting Method

- ① Select in the order of “Operate” →”5 Notice Output Destination Specification” →”1 Order agreement related notice (terminal)” from the main window’s menu bar.
- ② “Notice output destination specification (terminal) Instruction input window” is displayed, and the “cursor” will be shown in “Input terminal No.” input column. By entering the input terminal No. to which you wish to set the notice output destination, the setting status of the current notice output destination printer with the input terminal number will be displayed.
- ③ Move the “cursor” to the “printer No.” input column to which you wish to change the setting of the notice destination (deleting the item, if the setting has been already completed,) and enter the printer No.
- ④ By operating “Send (Enter)”, the notice destination for the specified input terminal will be set.



- ⑤ If you set other input terminal notice output destination printer consecutively, delete the “input terminal No.” input column, and enter a new input terminal No. and follow the same procedure again.

◆  Unless the notice output destination printer is set, the notice related to this input terminal will not be output to the printer.

◆ When the notice output destination printer is set, if there is a notice not yet transmitted to the printer at that point, the data not transmitted will be output to the printer.

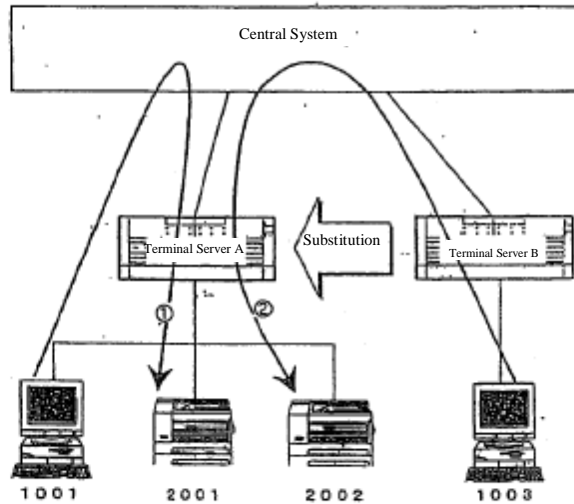
◆ Page printer will have the output timing that specified by “page printer output setting”.  
⇒ “6-9 Page Printer Output Setting”

### 6-6-3 Cancelling the notice output destination printer setting

Clear the "notice output destination printer No." column of "Notice output destination specification (terminal) instruction input window" by 'Item Delete' and operate "Send (Enter)".

### 6-6-4 Notice output destination printer setting by the Input terminal No. "0000"

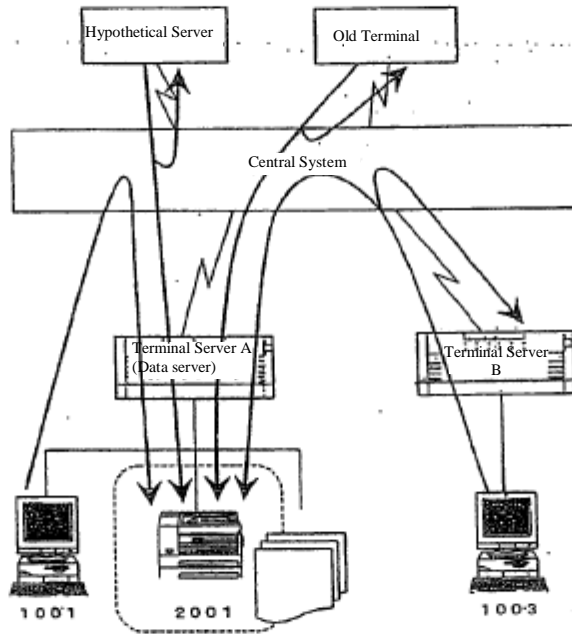
By specifying "0000" as the input terminal number to set the notice output destination printer, the notice will be sent to the already set notice destination printer, if a notice related to the order input from the terminal subordinate to a server (including a hypothetical server (intra system connection) and the old server) other than the terminal server to which the instruction terminal belongs, is sent to the terminal server (when the terminal server to which the instruction client belongs is a data server, or when other server made a substitute instruction to the terminal server.)



- (1) The notice related to the orders, etc. entered from the client <1001> subordinate to the terminal server A, will be output to the printer <2001> set as the notice output destination printer for the input terminal No. "1001".
- (2) If the notice output is substituted from the terminal server B to the terminal server A, the notice related to the orders, etc. entered by the client <1003> subordinate to the terminal server B will first sent to the substitution destination terminal server A, which will output the data to the printer <2002> set as the notice output destination printer for the input terminal number "0000"

If the terminal server A is a "Data server" in the diagram in the previous page, the notice related to the orders, etc. entered by the client <1003> subordinate to the "Terminal Server B" will be sent to the input source, "Terminal Server B" and at the same time, sent to the "Terminal Server A" as well, from which it will be sent to the printer <2002> set as the notice output destination printer for the input terminal No. "0000"

Therefore, when using this function, all notices related to the input of the home company's orders, etc. can be output in bulk to the printer subordinate to the data server.



When the terminal server A is a data server, the notices related to the order input, etc. from all input units of the home company (terminal server A, B, hypothetical server, and the old terminal) can be output in bulk to one printer <2001>, by setting the printer <2001> as the notice destination of the client <1001> subordinate to the terminal server A, and setting the printer <2002> as the notice destination for the input terminal No. "0000" for the terminal server A as well.

## 6-7 Setting The Unsolicited Notice Destination Printer For The Position Balance Notice, Etc.

The destination printer can be set in the terminal setting, for the unsolicited notice sent from one central system by the participant unit for each market for the position balance notice, etc.

However, since the unsolicited notice sent from the central system is output to a "data server" for each participant market, this notice destination setting can be valid only by the instruction from the client subordinate to the data server.

### 6-7-1 Setting the notice output destination printer

The output destination printer (page/dot printer) for each type of unsolicited notice sent from the central system can be set by the "market unit" and the "notice type unit".


- ◆ Notice type
  - ◇ Agreement status spring
  - ◇ Stop price order list
    - ※When the final price of the day is decided by the limited price, it is output about the market that processes the stop distribution.
  - ◇ Major account matching brand list
  - ◇ Position balance notice
  - ◇ Position balance notice (home company)
  - ◇ Trade deposit calculation basic position balance notice (home company)
    - ※There will be no output until the deposit insertion date, etc. is shortened.
  - ◇ Quota notice
    - ⇒ "Chapter 13 Notice"
- ◆ The printer that can be set as the notice destination printer varies depending on the types of printers as follows.
  - ◇ Page Printer: "Page printer subordinate to the representing server" or "Page printer shared by the representing server" can be set.
  - ◇ Dot Printer: Only "Dot printer subordinate to the representing server" can be set.
    - ※Only one, either page or dot printer can be set for the same notice.
- ◆ The method to output the notice to the printer is the same as "Order and agreement related notice".



The unsolicited notice output destination specification can be instructed only by the client with the youngest number subordinate to the data server.  
※This setting can be changed. If you wish to change it, please apply to the office.

6-7-2 Setting Method

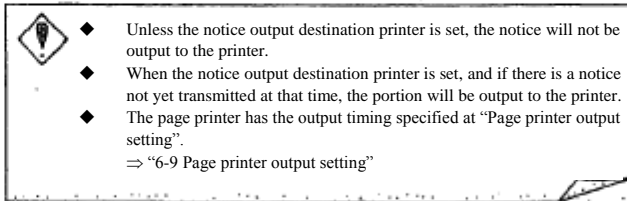
- ① Select in the order of "Operate" → "Notice Output Destination Specification" → "Notice related to position, etc." from the main window's menu bar.
- ② "Notice output destination specification Instruction input window" is displayed, and initially, the usable market tab at the beginning of the representing server will be displayed. Select the market tab you wish to set.
- ③ When the selected market tab is displayed, the current output destination printer setting status for the market's unsolicited notice will be displayed, and the "cursor" will be shown in the "output destination printer No" column of the "agreement status print". Move the "cursor" to the "output destination printer No." column of the notice whose setting you wish to change (if the setting is already completed, delete the item), and enter the printer number.
- ④ By operating "Send (Enter)", the output destination printer for the unsolicited notice related to this market will be set.

 Please make sure to operate "Send (Enter)" for each tab. If a different tab is selected without operating "Send", the notice destination printer that you input will not be set.

Notice Output Destination Specification	
Securities Futures	Securities Futures OP
Index Futures	Index OP
Stock	OP
	Printer No.
Agreement status print	( 2001 )
Stop price order list	( 2001 )
Major matching brand list	( 2001 )
Position balance notice	( )
Position balance notice (home company)	( 2002 )
Trade deposit calculation basic position balance notice	( )
Quota notice	( 2003 )
	<input type="button" value="Send"/> <input type="button" value="Cancel"/>
	Volume <b>KB OK</b>

Chapter 6 Users Setting Items When Using the Terminal

- ⑤ If you set other market unsolicited notice output destination printer consecutively, select other market tab, and conduct the same procedure.



6-7-3 Cancelling the notice output destination printer setting

Click the "Notice output destination printer" input column of the "notice output destination specification instruction input window" in 'Item Delete' and operate "Send (Enter)".


## 6-8 Setting the Order and Agreement related notice output destination hypothetical server<sup>6-1</sup>

Each notice related to the orders, etc. entered from the terminal can be output to the terminal in the terminal setting, as well as to the set hypothetical server (intra system connection).

### 6-8-1 Setting the notice output destination hypothetical server

The output destination hypothetical server for the various notices related to the input, can be set by "each input terminal unit," "market unit" and "notice type unit".

- ◆ Notice Type
  - ◇ Order reception, etc. notice  
"Order reception notice", "Error notice"
  - ◇ Agreement establishment notice  
"Agreement establishment notice", "Cancellation result notice", "Change result notice", "Invalid order notice"
  - ◇ Resale and buy back/ Rights exercise, etc. notice  
"Resale and buyback/ rights exercise result notice" (including the correction, and invalidity notice)  
"Resale and buyback/ rights exercise input result notice" (including the correction and invalidity notice)  
"Resale and buyback (Option trade rights exercise portion) input result notice" (including the correction and invalidity notice)  
"Commission portion trade deposit calculation basic position balance input result notice" (including the correction and invalidity notice)  
※There will be no output until the deposit amount insertion date, etc. is shortened.  
⇒ "Chapter 13 Notice"
- ◆ Only the terminal subordinate to the same server as the one under the instruction operation can be set up.
- ◆ If the notice output destination hypothetical server is set, the output to the hypothetical server will begin with the notice related to the orders, etc. entered after the setting.




- ◆ Under the terminal system, the hypothetical server No. entered at the time of the setting is not checked, and it simply adds the set output hypothetical server information to the input e-mail such as orders, etc. Therefore, if an erroneous hypothetical server No. is set, it will become an error at the check by the central system when an order, etc. is entered. In such case, please reset with the correct hypothetical server No.
- ◆ The notice destination hypothetical server specification can be instructed only from the client with the youngest number subordinate to the terminal server.  
※If you wish to change the setting, please apply to this office.

The hypothetical server is the theoretical input/output unit which is theoretically installed in the participant system in the intra-system connection, and will be the input source for the orders, etc. in the intra-system connection, and the output destination for the notice from the central system.



6-8-2 Setting Method

- ① Select in the order of "Operate" → "Notice Output Destination Specification" from the main window's menu bar.
- ② When "2 Order agreement related notice (hypothetical)" is selected from the "notice output destination specification" sub menu, "notice output destination specification (hypothetical) instruction input window" will be displayed.
- ③ By entering the input terminal number by which you wish to set the notice output destination hypothetical server in the input terminal No." input column where the "cursor" is shown, the market tab usable by this input terminal number will be displayed, and the setting status for the current notice output destination hypothetical server about the usable market at the beginning will be displayed as well.
- ④ When the selected market tab is displayed, the setting status of the current notice output destination hypothetical servers for the market will be shown, and the "cursor" will be shown in the "output destination hypothetical server number" input column of the "order reception, etc. notice". Move the "cursor" to the "output destination hypothetical server number" input column for the notice whose setting you wish to change (if the setting is already completed, delete the item), and enter the hypothetical server number.
- ⑤ By operating "Send (Enter)", the notice output destination hypothetical server about the market related to the input terminal will be set.

 Please make sure to operate "Send (Enter)" for each tab. If a different tab is selected without operating "Send", the notice output destination hypothetical server which has been entered will not be set.

Hypothetical Server NO.	
Order reception, etc. notice	( 20199 )
Agreement establishment, etc. notice	( 20194 )
Resale & buyback/ Rights exercise, etc. notice	( 20199 )

⑦ If you consecutively set the notice output hypothetical server about other market of this input terminal, select other market tab, and follow the same procedure.

⑧ If you consecutively set the notice output destination hypothetical server about other input terminal furthermore, move the cursor to the "input terminal number" input column and delete the input terminal number which has been already entered, and enter a new input terminal number and follow the same procedure once again.



◆ Unless the notice output destination hypothetical server is set, the notice related to the orders, etc. input from the terminal will not be output to the hypothetical server (intra-system connection).

◆ If the notice output destination hypothetical server is set, the output to the set hypothetical server will begin from the notice related to order, etc. entered after the setting. The notice related to the order, etc. which were entered before the setting, will not be output to the hypothetical server.

#### 6-8-3 Canceling the notice output destination hypothetical server setting

Clear the "notice output destination hypothetical server number" input column of the "notice output destination specification (Hypothetical) instruction input window" by 'Item Delete', and operate "Send (Enter)".

### 6-9 Setting The Notice Output Timing For The Page Printer

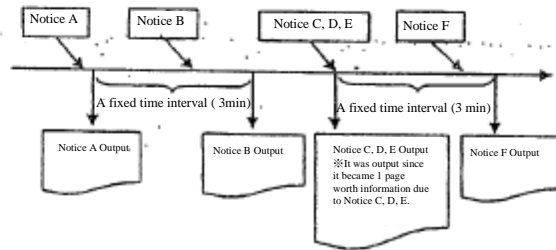
The notice output timing can be selected for "Page printer" among the printers.

#### 6-9-1 Page Printer notice output timing

The notice output timing of the page printer can be selected from the following 3 timings.

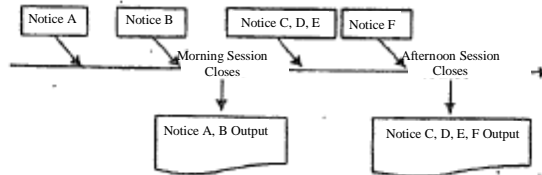
◇ "No Specification"

- ◆ The output is made at a fixed interval (3 min) and when one page worth information is accumulated.



◇ "When each session closes"

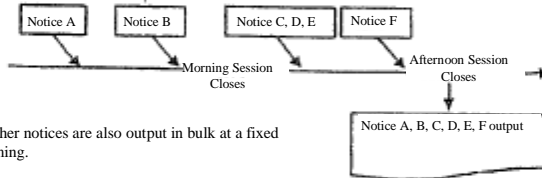
- ◆ The notice related to the order input during the session will be output in bulk by the market unit after each session is closed.



- ◆ Other notices are also output in bulk at a fixed timing.

◇ "After Closing"

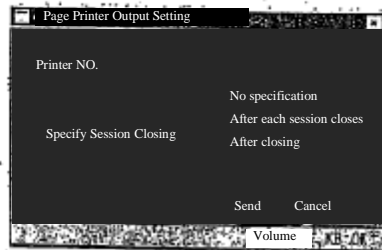
- ◆ The notice related to the order input on the day will be output in bulk by the market unit after that day's session is closed.




- ◆ Other notices are also output in bulk at a fixed timing.

6-9-2 Setting Method

- (1) Select in the order of “Operate”→”3 Notice &Substitute Operation” from the main window’s menu bar.
- (2) Select “6 Page Bring output Setting” from the “Notice & Substitute Operation” sub menu.
- (3) When the number of the page printer targeted for the output timing setting is entered in the “printer number” input column of the “page printer output setting instruction input window”, the current setting status will be displayed by the radio button selection status in the session close instruction column.
- (4) Select the radio button with the output timing that you wish to specify in the “session close instruction column”
- (5) By operating “Send (Enter)”, the timing to output the notice to the page printer that you specified will be set.



 If the page printer is shared by a multiple terminal servers, make an instruction for each terminal server.

- ◆ The instruction is applied when the notice to the terminal server to which the instruction was made, is sent to the page printer.
- ◆ If the notice output destination printer is not specified, the notice will not be sent to the printer even if this setting is conducted.
- ◆ If the “setting” is “Specification [illegible]”,(output at a fixed interval (3min), or when one page worth of notice is accumulated), you can coerce the notice retained and on hold for the output to be output, for the fixed time has not passed since the previous output.  
⇒”14-6 Notice Coerced Printing”

### 6-10 Setting whether the buzzing sound is needed when the notice arrives at the notice display area.

Of the notices displayed in the notice display area, you can select whether to let it buzz (beep sound) when the “agreement establishment notice”, “error notice” and “resale & buy back (/rights exercise) input invalidity notice” arrive.

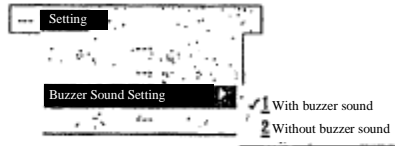
6-10-1 The notice types for which the buzz sound can be set on or off.

The buzz sound On/Off selection when the notice arrives at the notice display area (for a new display) is possible for the following 8 notices.

- ◆ Agreement establishment notice
  - ◆ New error notice
  - ◆ Cancellation error notice
  - ◆ Change error notice
  - ◆ Bulk error notice
  - ◆ Resale & buy back input invalidity notice
  - ◆ Resale & buy back/rights exercise input invalidity notice
  - ◆ Commission portion trade deposit calculation basic position balance input invalidity notice
- ※There will be no output until the deposit amount insertion date, etc. is shortened.

6-10-2 Setting Method

- ① Select in the order of “Setting” → “4 Buzz sound setting” in the main window’s menu bar.
- ② Select either “1 With Buzz sound” or “2 Without Buzz sound” from the “Buzz sound setting” sub menu list.



※“✓” is attached at the beginning of the item currently selected, indicating that this item is being selected.

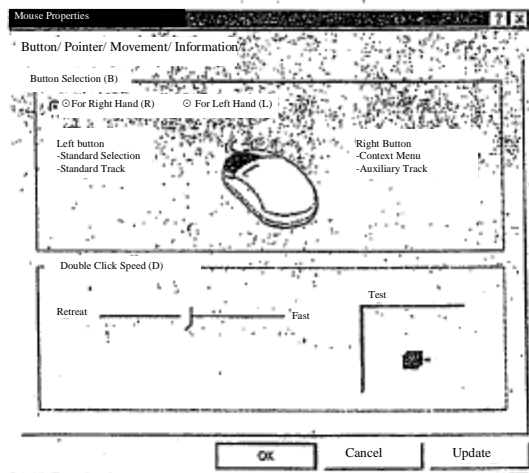
### 6-11 Setting the mouse movement

The mouse movement, such as the double click interval, or switching the right and left button function, etc. can be set.

If "Mouse Setting" is selected, OS mouse setting screen is called out, hence, make the setting in the same manner as you would for the usual personal computer.

#### 6-11-1 Setting Method

- ① Select "Setting" in the main window's menu bar items.
- ② Select "8 Mouse Setting" from the "Setting" menu list.
- ③ Make the setting in the "Mouse Property Screen" displayed by OS.



※When the focus is moved from the "Mouse Setting Window" to other window, the "mouse setting window" will be hidden behind the "main window" and it will not be re-displayed even by pressing "Screen switch key" or "Alt" + "Tab" keys. In order for it to be displayed, please repeat the display operation again.

## Chapter 7 Board/Quotation Information Inquiry

The Board/Quotation Screen can be displayed in 6 types of formats, and the maximum of 6 brands for the board information, and maximum of 24 brands for the quotation information can be displayed simultaneously. The main characteristics of the board/quotation information display are as follows.

- ◆ The board/quotation information is automatically updated at 3 seconds interval.
- ◆ Corresponding symbol is displayed in the board/quotation screen.
- ◆ Even when the board information is scrolled up and down on the board screen, it is automatically updated.
- ◆ The limit orders with condition is constantly displayed on the board screen.
- ◆ The order related to a quote is not displayed as an agreement to the quotation price on the board screen, but instead, it is displayed as an actual order price.

In addition, the board/quotation information inquiry is based on registering the brand in each registered page, and summoning the corresponding page.

### 7-1 Page Registration

The board/quotation information inquiry is based on setting the corresponding brand as the registered information in each registration page, and by summoning each registration page, the board/quotation information of the brand already registered in the page can be inquired.

There are "Arbitrarily set page" and "Automatically set page" for the brand registered page. The user can select an arbitrary brand by client, to register in the "arbitrarily set page", and the brands that the office has set in advance are registered in the "automatically set page".


	Page No.	Content
Arbitrarily Setting page	1-49	Arbitrarily register 24 brands by client
Automatic Setting Page	50-51	Automatic setting page for Stock Futures Trade
	55-60	Automatic setting page for Securities Futures Option Trade
	70-71	Automatic setting page for Index Futures Trade
	75-80	Automatic setting page for Index Option Trade
	Each Original Stock Code	Automatic setting page for Stock Option Trade <Example> page "1801" →Automatic setting page for "TAISEI Option Trade"

### 7-1-1 Arbitrarily Set Page

There is the "arbitrarily set page" from 1 up to 49 pages for each client, and up to 24 brands can be arbitrarily registered in one page.

In addition, other than the various brands that this system trades, "Each index futures trade and Stock price index, such as TOPIX which is the original product of the index option trade", and "various original stock brand in various stock option trade" can be registered as well.

- ※ However, the brands that can be registered are limited to the brands in the market that can be used by each client. Also, each stock index and each stock brand can be registered only by the client which can make either the index futures market, index option market or the stock option market usable.
- ※ Each stock price index, and each original brand can be registered as the quotation screen information. When each stock price index and each original stock brand is displayed on the board screen, only the respective name is displayed, but not the information.

 The brand registration to the registration page can be done under the OFF line condition. However, the brands whose trade is to be started the next day, cannot be registered unless you receive the brand information when the On line starts the next day.

◆ Since the registration page information is stored inside the client, if there is a problem with the client's hard disk, the page information and the brand information already registered will be deleted. In such case, re-registration work is necessary when the On line resumes after the trouble is recovered.

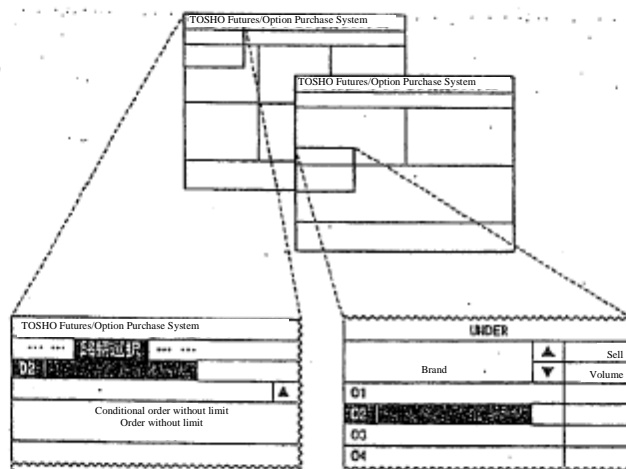
There are 2 following board methods for the brand registration and [illegible] operation of the registered information to each page.



7-1-1.1 Registration from the Board/quotation screen (Registration by board/quotation inquiry operation)

By inquiring a brand on the board/quotation screen (brand selection operation), the brand inquired with the registered brand number displayed in the operation target area where the board/quotation information inquiry was made in the page on display, will be registered.

① After the page on which you wish to register the brand on the board/quotation screen, is displayed, specify the area which is showing the registered brand number with which you wish to register the brand, as the operation target area. (Have the cursor display it.)



② By selecting "Select Brand" in the main window's menu bar, and conducting the "Brand selection operation", the board/quotation information of the brand selected as the area will be displayed, and the brand selected as the registered brand number for the registration page will be registered.

⇒ "7-1-1.3 Brand selection operation when registering the page"

◆ Switching the registered brand number on the board/quotation screen (switching the display position of the brand whose board/quotation information is on display)

By "dragging" the displayed area of the brand name on the board/quotation screen by the mouse, the display locations of the brand in the area where the dragging began, and the brand in the dragging destination area can be switched.

Also, by switching the brands in this operation, the registration orders of the two switched brands on the display page will be switched as well.

Grab the displayed area of the brand and drag it to the Area 1.

The displayed brand in the Area 1 will be changed from "TOPIX 012" to "Long-term Gov. 012".  
 ◆ At the same time, the registration order will be switched, as the brand with the registration No. "01" on the page 1 to "Long-term Gov. 012" and the "05" brand to "TOPIX 012".

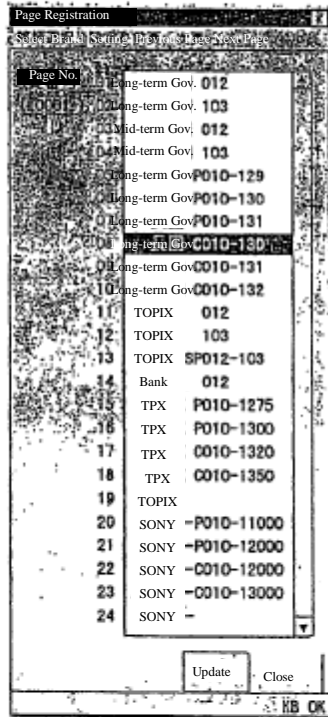
※By using this function, the inquiry about the board information of the brand displayed on the quotation screen can be easily made.

7-1-1-2 Registration from the Page Registration Window

The brand can be registered in each page by summoning the "Page Registration Window" and conduct a registration operation.

"Page Registration Window" enables you to "insert", or "delete" the registration information as well as register in each page.

①Select in the order of "Select" → "1 Page Registration" from the main window's menu bar to display "Page Registration Window."



② By entering the page number in which you wish to register a brand in the “page number input column” where the cursor is shown, the current registration information of the specified page will be displayed in the response display column.

※ Please use 4 digits to enter the page number (if the page number is less than 4 digits add “0” at the beginning as in “0001”), or, after entering the page number that is less than 4 digits, press “Tab Key”. By either of these operations, the “cursor” will leave the “page number input column” and when it does, the current registration information of the specified page will be searched.

③ By moving the ‘cursor’ to the registration brand number position that you wish to register in the response display column, and conducting “brand selection operation” from the “Select Brand” in the menu bar of “Page Registration Window”, the selected brand will be displayed in the registration brand number position. Even if other brand has been already registered in the registration brand number position, it can be overwritten.

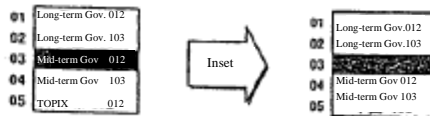
⇒ “7-1-1.3 Brand selection operation at page registration”

④ When conducting the brand registration operation in other page, you will have to make an input again in “page number input column” or follow the same procedure after switching the page for the registration operation by selecting the “Previous page” or “Next page” in the menu bar item.

⑤ By pressing (Enter)” after all registration operation is completed, the information that you have registered so far will be registered in bulk as each page information.

◆ “Insert”

By selecting in the order of “Select” →”IInsert” in the menu item, the registration information below the registration brand where the cursor is positioned will be scrolled down one at a time, and the registration brand number information at the cursor position will be cleared.



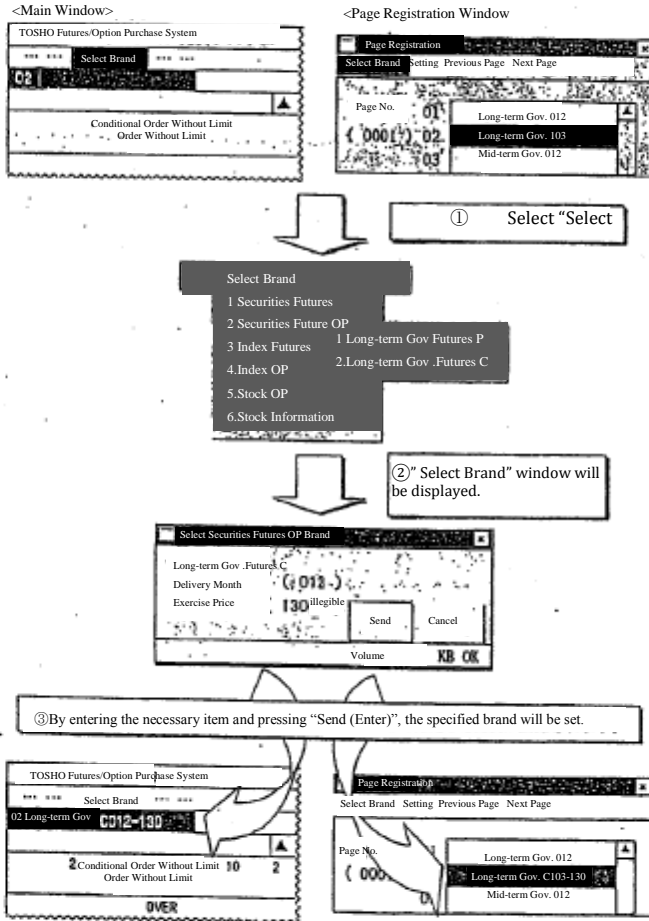
◆ “Delete”

By selecting in the order of “Setting” →”DDelete” in the menu bar item, the registration brand number information in the response display column at the cursor will be deleted, and the registration information below that will be scrolled up.



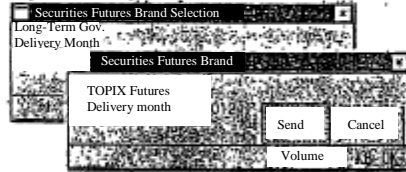
7-1-1.3 Brand Selection Operation at Page Registration

The brand selection operation at page registration will be done by selecting "Select Brand" in the menu bar item of the "main window" or "page registration window".



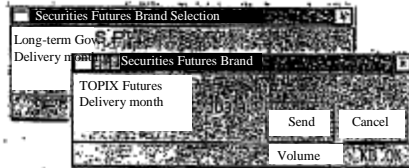
◆ Brand Selection Window

- ◇ Securities Futures Trade, Index Futures Trade Brands



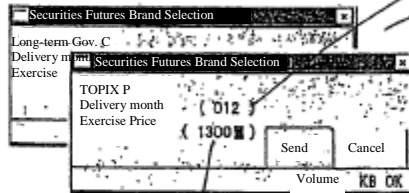
- ① Select from "Market" to "Securities Type" in "Select Brand"
- ② Enter the "Delivery month" in "Brand Selection Window" and press "Send (Enter)".

- ◇ Securities Futures Spread Trade Brand, Index Futures Spread Trade Brand



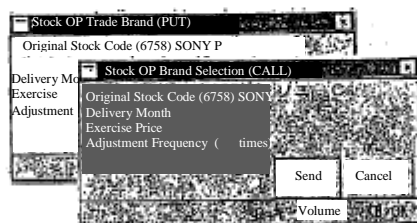
- ① Select from "Market" to "Securities Type" in "Select Brand"
- ② Enter "Forward Delivery Month" and "Nearby Delivery Month" in the "Brand Selection Window" and press "Send (Enter)".

- ◇ Securities Futures Option Trade, Index Option Trade Brand



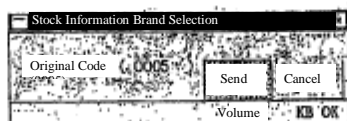
- ① Select from "Market" to "Securities Type (by Put/Call)" in "Select Brand".
- ② Enter "Forward Month" and "Exercise Price" in the "Brand selection window" and press "Send (Enter)".

◆ Stock Option Trade Brand



- ① Select from "Market" to "Put/Call Selection" in "Select Brand".
- ② Enter "Original Brand Code" "Delivery month" and "Exercise Price" in the "Brand Selection Window", and press "Send (enter)"
  - ※ When "Original Brand Code" is entered, the stock option name will be displayed.
  - ※ As for the "Exercise price", enter "all digits" if it is less than 100,000 yen, and "omitting the lower 3 digits" for greater than or equal to 10,000 yen.
  - ※ Make an entry in "Adjustment frequency input column" only to specify the brand that had an adjustment by the delivery unit.

◆ Stock Information (Original Brand, Stock Index)



- ① Select "Stock Information" from "Select Brand".
- ② Enter "Brand Code" in the "Brand Selection Window" and press "Send (Enter)"
  - ※ When specifying the "Stock Index", enter the following code.

Stock Price Index	Code
TOPIX	0005
Electric Equipment	0030
Transportation Equipment	0031
Bank	0032

7-1-2 Automatic Setting Page

Other than the arbitrary setting page, there is the "automatic setting page" where the brands in the pattern already set by the office in advance.

The brand registration information in the automatic setting page is registered in the manner such as "the 1<sup>st</sup> delivery month", and "the 1<sup>st</sup> delivery month At the Money + 1 Exercise price" inside each securities type, as opposed to the way in the arbitrary setting page. Therefore, by receiving the brand information of the day from the central system, the registration brand is updated daily to the brand that matches the registration information in each automatic setting page.

(Example) "Page nn" registration information on the automatic setting page

Page nn	
Registered Brand No	Registration Information
01	Long-term Gov. Futures Put Option 1 <sup>st</sup> Delivery Month "At: The Money 1"
02	Long-term Gov. Futures Put Option 1 <sup>st</sup> Delivery Month "At: The Money 1"
03	Long-term Gov. Futures Put Option 1 <sup>st</sup> Delivery Month "At: The Money 1"

◆ Day X, Month X ("At The Money" exercise price for the long-term Gov. Futures Option Trade: 130 Yen)

TOSHO Futures/Option Purchase System----			Page nn
Help Operate----			
01	Long-term Gov. P012-129	02	Long-term Gov. P012-130
	▲ H ▼		▲ H ▼
Conditional Order without limit			Conditional Order without limit

On day Y, month Y, the 'At The Money' exercise price was changed to "133 Yen"

TOSHO Futures/Option Purchase System----			Page nn
Help Operate----			
01	Long-term Gov. P012-132	02	Long-term Gov. P012-133
	▲ H ▼		▲ H ▼
Conditional Order without limit			Conditional Order without limit

⇒ "Appendix 3 Brand Registration Pattern on the Automatic Setting Page"

⚠ The registration brand can be changed in the automatic setting page in the same method as in the arbitrary setting page.  
 However, after receiving the brand information the next day, it will return to the initial setting status.  
 If you wish to store the status of the registration content change in the automatic setting page, operate "Display brand page registration".  
 ⇒ "7-1-4 Display Brand Page Registration"



**Chapter 7 Board / Quotation Information Inquiries**

7-1-3 Calling a Registered Page

To inquire concerning board/quotation information, call up each respective registered page.

7-1-3-1 Calling a Registered Page from the Page Select Window

- ① Selecting “Page Select” from the main window menu bar causes the “Page Select Window” to be displayed.
- ② In the “Page No. Input Column,” input the number of the registered page you want to display and in the “Display Heading Security name Input Column,” input the relevant registered page of the Security name you want to display in the board / quotation screen heading (Area 1).

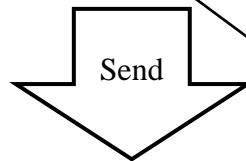
※In the “Display Heading Security name Input Column,” if you input the registered Security name No., the registered Security name is displayed in the relevant registered Security name No.

- ③ By performing a “Send” operation, the registered page specified in the board / quotation screen sets the Security name for the registered Security name No. in the heading and displays it in the registered Security name No. column.

※In the case that a “Send” operation is performed without inputting anything in the “Display Heading Security name No. Column,” the name corresponding to the registered Security name No. “01” that is always specified, is displayed in the heading.

Page Select ✖

Page No. 0004 130	Display Heading Security name (08) Long-term government bonds C010 –		<input type="button" value="Send"/> <input type="button" value="Cancel"/>
-------------------------	---	--	---



Tokyo Stock Exchange Futures / Options Trading System -----				Page 4
Help Operation -----				
08	Long-term government bonds P010 - 130	09	Long-term government bonds P010-131	10
▲ H ▼	▲ H ▼	▲ H ▼	▲ H ▼	▲ H ▼
<b>Index Outcome</b>		<b>Index Outcome</b>		<b>Index Outcome</b>

7-1-3.2 Calling a Registered Page by selecting “Previous Page” or “Next Page” from the Menu Bar Items

By selecting “Previous Page” or “Next Page” from the Menu Bar items in the menu bar of the main window, the page after or the page before the currently displayed registered page can be displayed.

Furthermore, in that case, the registered Security name No. in the heading of the currently displayed registered page is updated.

## **Chapter 7 Board / Quotation Information Inquiries**

### 7-1-4 Display Security name Page Registration

After performing a registered Security name change operation on an automatically set page, etc., in cases where that condition is being saved, perform a “Display Security name Page Registration” operation.

Display Security name Page Registration is an operation where the registered page information displayed in the board / quotation screen is registered in the desired setting page, from page 1 ~ 49.

In that case, even if the desired setting page you specify already has a Security name registered in it, the currently displayed registered page’s information is overwritten.

① Call the registered page with registered information that you want to save to the board/quotation heading screen (the automatically set page after performing the registered Security name change registration operation).

② From the main window menu bar, select “Set”, then “2 Register Display Security name Page.” This will cause the “Display Security name Page Registration Window” to be displayed.

Display Security name Page Registration	
<input checked="" type="checkbox"/>	
Register currently displayed Security name information in the desired page?	
Designated Page ( 10 )	
Send	Cancel

③ Input the setting page where you desire to save the registered information in the “Designated Page Input Column,” then perform the operation by clicking “Send.”

④ If a Security name is already registered in the desired setting page input in the “Designated Page Input Column,” the “Display Security name Page Registration Processing Confirmation Window” will be displayed, so if it is OK to overwrite the current information, perform the operation by clicking “Send.”

Display Security name Page Registration Processing Confirmation	
<input checked="" type="checkbox"/>	
The designated page is already registered. Overwrite?	
Send	Cancel

## **Chapter 7 Board / Quotation Information Inquiries**

### **7-2 Divided Form**

Concerning the “Board / Quotation Screen,” please select the desired display form from among 6 types of display form as necessary.

#### **7-2-1 Types of Divided Form**

The “Board / Quotation Screen” that displays board / quotation information can be displayed in the following 6 forms.

##### **7-2-1.1 Board x 2**

The Board / Quotation screen can be divided in 2 and display board information for 2 Security names simultaneously.

<Board>	<Board>

##### **7-2-1.2 Board x 4**

The Board / Quotation screen can be divided in 4 and display board information for 4 Security names simultaneously.

<Board>	<Board>
<Board>	<Board>

##### **7-2-1.3 Board x 6**

The Board / Quotation screen can be divided in 6 and display board information for 6 Security names simultaneously.

<Board>	<Board>	<Board>
<Board>	<Board>	<Board>

## **Chapter 7 Board / Quotation Information Inquiries**

### **7-2-1.4 Board x 2 + Quotations**

The Board / Quotation screen can be divided in 3 and display board information for 2 Security names and quotation information for 11 Security names simultaneously.

<Board>	<Board>
<Quotations> (11 Security names)	

### **7-2-1.5 Board x 2 + Quotations**

The Board / Quotation screen can be divided in 4 and display board information for 3 Security names and quotation information for 11 Security names simultaneously.

<Board>	<Board>	<Board>
<Quotations> (11 Security names)		

### **7-2-1.6 Board x 2 + Quotations**

The entire Board / Quotation screen can display quotation information for 24 Security names (all registered Security names on the display page) simultaneously.

<Quotations> (24 Security names)

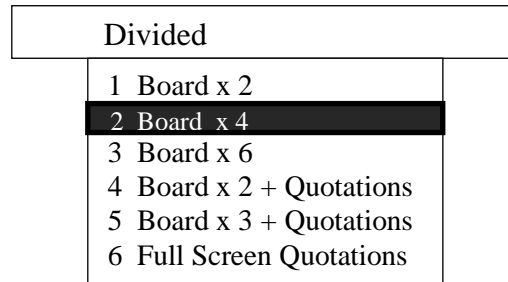
## Chapter 7 Board / Quotation Information Inquiries

### 7-2-2 Divided Form Selection

You can change the divided form of the Board / Quotation Screen using the following operations.

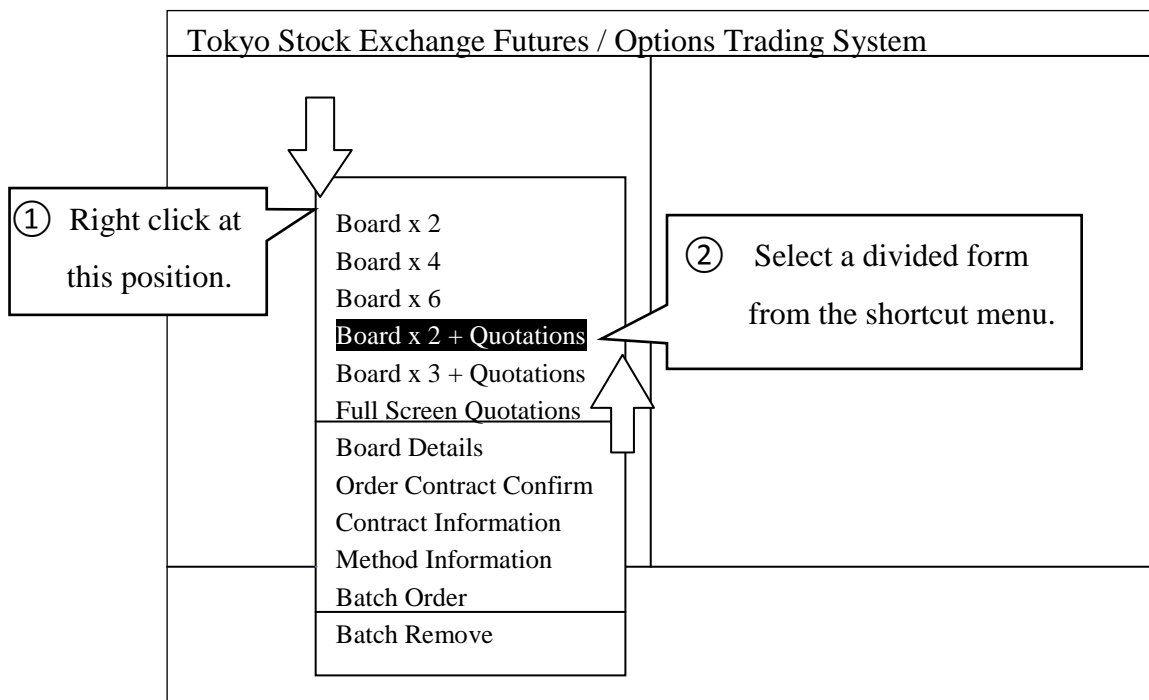
#### 7-2-2.1 Make the change from the “Divided” menu item.

- ① Select “Divided” from the main window menu bar items.
- ② Select the desired divided form from the “Divided” menu list.



#### 7-2-2.2 Right click to select from the shortcut menu.

- ① With the cursor on the Board / Quotation Screen, right click the mouse.
- ② Select the desired divided form from the displayed shortcut menu.



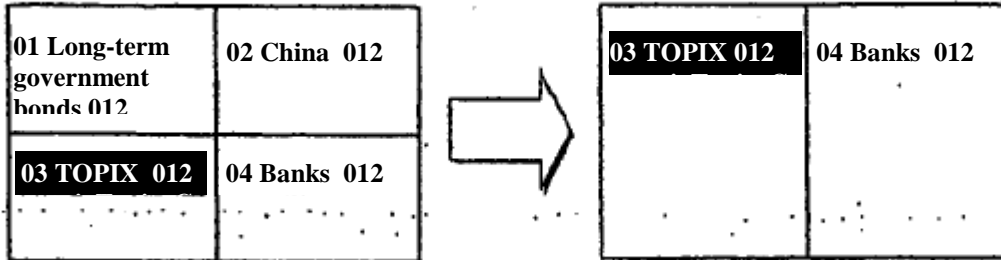
⇒ “3-5 Displaying the Shortcut Menu by right clicking the mouse”

**Chapter 7 Board / Quotation Information Inquiries**

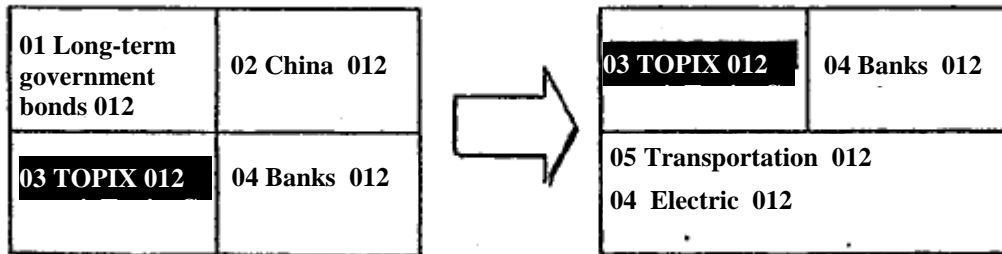
7-2-2.3 Security name Display Order when Changing the Divided Form

When changing the divided form, the Security name corresponding to the registered Security name No. displayed in the area that is the object of the operation in the Board / Quotation Screen during the change (including the area where you right click the mouse) is displayed in the header.

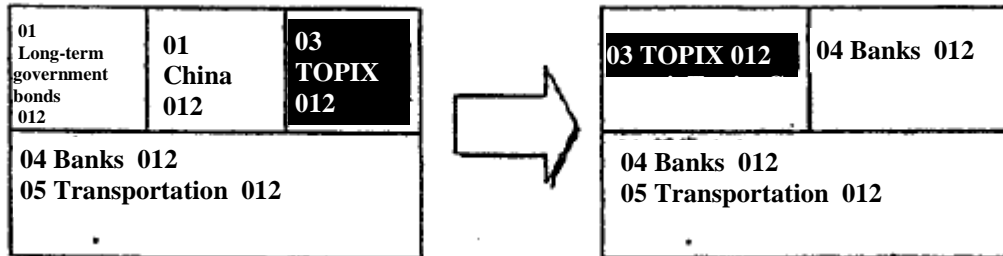
◆ “Board x 2, 4, 6” → “Board x 2, 4, 6”



◆ “Board x 2, 4, 6” → “Board x 2, 3 + Quotation Screen”

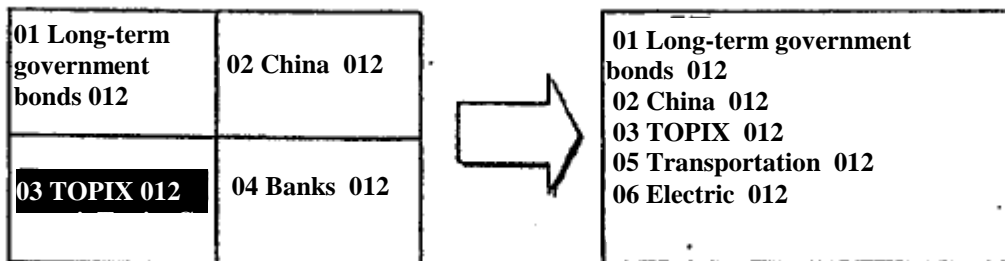


◆ “Board x 2, 3 + Quotation Screen” → “Board x 2, 3 + Quotation Screen”



※Only the display order of the board screen portion changes, and the quotation screen portion does not change.

◆ “Any Divided Form” → “Quotation Screen”



※Regardless of the area specified for an operation, all the registered Security names of the relevant page are displayed.

**Chapter 7 Board / Quotation Information Inquiries**

7-3 Board Screen

7-3-1 Board Screen Display Items

- ◆ Board Screen Divided in 2  
This is displayed in the case that Divided Form "Board x 2) is selected.

① Continuous Session		② 01 Long-term government bonds 012		Base		③ 13296		④	
④ K13320 (13:17) (2012)		⑤		▲ H ▼		⑥		⑦	
⑧ 10	250	Closing Market	250	⑧ 15	Prev/Next	⑩			
⑨ Caution			10	1	⑩	0	13291		
	157	1810	OVER				( 9:05)		
2	1	3	13029			H	13320		
2	4	132	13028				( 9:46)		
	4	145	13027			L	13274		
	2	70	13026				( 9:10)		
5	2	29	13025			P	13310		
	1	20	13024				(13:16)		
	1	5	13023 #	⑮		5	( 2021)		
			13022	⑰		C	+13		
10			13021			V	42588		
			13020K	⑰					
			13019	17	3	L5	13005	⑲	
			13018	47	1		(13:14)		
			13017	5	6	L4	13008		
			13016	36	3		(13:15)		
			13015	44	6	2 L3	13009		
			13014	46	2		(13:15)		
			13013	123	5	L2	13008		
			13012	141	3		(13:16)		
			13011	2	4	L1	13009		
			13010	817	3		(13:16)		
			UNDER	6084	169	W	5	⑳	

**Chapter 7 Board / Quotation Information Inquiries**

◆ **Screen Divided in 4**

This is displayed in the case that "Board x 4" or "Board x 2 + Quotations" of the divided forms is selected.

①	②	③		⑥
Itayose Method	02 TOPIX 012	Base	13295	1276.37
④	13320 (13:17)	⑤	▲ H ▼	Prev/Next ⑩
⑧	10	Closing Market	⑧ 15	0 13290
⑨	Caution	10	1	⑩ (9:05)
	27 348	OVER		H 13320
	2 1 3	13013 # ⑮		(10:46)
	2 4 132	13012		L 13275
	⑭ 145	13011		(9:10)
	⑰	13010 K ⑯		P 13310
		13009	20 8	(13:16)
		13008	46 12	C +15
		13007		5
		UNDER	124	V 73356
⑭	⑬	⑫	⑪	⑩

◆ **Screen Divided in 6**

This is displayed in the case that "Board x 6" or "Board x 3 + Quotations" of the divided forms are selected

①	②		⑦
Continuous Session	01	Sony -P012-9500 V	588
④	U4700 (13:17)		⑤ ▲ H ▼
1	2	Closing Market	2 1
7	45	OVER	
1	3	5200	
		⑭ 5100 ⑰	
2	2	4900	
		4800	
	⑯ U	4700	
1	5	4600 # ⑮	10 2
		4500	
		UNDER	12 3
⑬	⑫	⑪	⑩



## **Chapter 7 Board / Quotation Information Inquiries**

- ① Board Status      Displays the current status of the displayed Security name.
- ◆ [Space]: Online start ~ Start of order reception
  - ◆ [Order Reception]: Orders being received ~ Start of attendance
  - ◆ [Before Attendance]: Start of Attendance ~ Opening Value Decision
  - ◆ [Continuous Session]: Starting Value Decision ~ Close of Order Reception
  - ◆ [Order Close]: Close of Order Reception ~ Closing Value Decision
  - ◆ [Prev./Next]: End of Previous Session ~ Start of order reception at next session
  - ◆ [Close] : Close of today's attendance ~ Online close
  - ◆ [Order Suspended] : Reception of orders is suspended.
- ※ When orders are generated for which processing is put on hold, they are displayed in reverse [White] color.
- ② Registered Security name No. and Security name
- ◆ Registered Security name No.  
This displays the "Registration No." in the displayed Security name's display page.
  - ◆ Security name  
Displays the "Security name" of the displayed Security name.  
⇒ Chapter 4 Transaction Products  
※ Concerning the stock options transaction Security names, the "delivery units" for the relevant Security name is displayed after the Security name in the 2 and 4 board divided screens.
- ※ In the case that the currently displayed Security name becomes the object of an operation, the registered Security name No. and Security name are displayed in reverse in "yellow."
- ③ Today's base unit price      This displays the current day's basic unit price.
- ※ In the following cases, a symbol is displayed in the header.
- ◇ "U" In the case where the previous day's final sell special quoted price is the basic price.
  - ◇ "K" In the case where the previous day's final buy special quoted price is the basic price.
  - ◇ "\*" In the case where the basic price was set by the head office.
- ④ Quotation, Message      Displays a quotation or a message.
- ◆ Quotation
    - ◇ Bond futures or Bond futures OP Security name
      - Special quotations not accompanied by Itayose.  
"U / K" + Quoted price + display time (+ yield)
      - Special quotations accompanied by Itayose.  
"U / K" + Quoted price + Display time (+ yield) + Deduction Quantity
- ※ "Yield" is displayed only when there is a 2-board divided display and there is a bond futures transaction Security name (except spread Security names).

## Chapter 7 Board / Quotation Information Inquiries

- ◇ Index Futures, Index OP, Stock OP
  - Caution Quotations  
“U / K” + Quoted Price + Display time
  - Special Quotations  
“U / K” + Quoted Price + Display time + Deduction Quantity

※ In the following cases, a symbol is displayed in the quotation heading.

- “G”: In the case where there are currently displayed special quotations accompanied by Itayose there is, due to participation of orders with closing price conditions, the possibility of a contract coming into existence by the price being reversed in transactions at the close of the session.
- “T” In the case where there was a correction in the currently displayed quoted price.

### ◆ Business Related Message

- ◇ Itayose (Hr. : Min)” : In the case of Itayose processing
- ◇ “Suspended (Hr.: Min)” : In the case that transactions are suspended temporarily
- ◇ “Malfunction (Hr.: Min)” : In the case that transactions are halted due to a central system malfunction

### ◆ Error Messages

- ◇ “Outside Error Inquiry Hours” : In the case of a board inquiry at a time outside normal inquiry hours.
- ◇ “Error Security name Code” : In the case of a board inquiry for a Security name that is not subject to transactions.

※ There are cases where other malfunction messages are displayed.

⇒ “15-5 Terminal System Malfunction Messages”

- ⑤ Scroll Buttons [▲] : Scrolls 1 price higher each time the mouse is clicked.  
Home Button [▼] : Scrolls 1 price lower each time the mouse is clicked.  
[H] : After scrolling through the board information, if the mouse is clicked, it returns to the basic board screen, centering on the center price displayed on the board.  
※ When scrolling, “H” is displayed in “Red.”  
⇒ “7-3-3 Scrolling through Board Information”

- ⑥ Original Share Price This displays the current price of the original share for the displayed Security name when the

screen is divided into 2 to 4 divisions (including special quotation prices) and displays a comparison with the previous day (except when special quotation prices are displayed). However, in the case of a 4-division screen, the comparison with the previous day is not displayed.

- ◆ Bond Futures OP Security name : Bond Futures Target Delivery Month
- ◆ Index Futures Security name, Index OP Security name : Target Index
- ◆ Stock OP Security name : Target Original Stock

## **Chapter 7 Board / Quotation Information Inquiries**

- ※ The target original stocks of stock OP trace names are displayed with significant digits cancelled corresponding to their level.
    - ◇ In the case of less than 100,000 Yen: Displayed with all digits.
    - ◇ In the case of 100,000 Yen or higher: Displayed with the bottom 3 digits dropped.
  - ※ Concerning the original stock price, due to gaps in the timing for sending update information, prices of the original stocks for the same Security name may be displayed with variations.
- ⑦ Today's Volume      Today's volume is displayed only on the 6-division screen.
- ⑧ Total Failed Order Volume      This displays the total volume of failed orders.
  - ※ Failed orders are, along with being displayed as a total for each limit price as limit price orders, are displayed as total volumes in the appropriate display column.
- ⑨ Caution Information Included Message      In the case that caution information is issued, "Caution" is displayed. If a relevant message is displayed, please inquire concerning the "Caution Information and confirm its contents."  
⇒ "Caution Information Inquiry"
- ⑩ Board Auto Update Stopped Message      When the central system malfunctions, etc., and automatic updating of board information is stopped, "Board Stop" is displayed.
  - ※ If the automatic board information update processing stops and the relevant message is displayed, pressing the "Send (Enter)" key causes an inquiry into the latest conditions for the currently displayed Security name.
- ⑪ Order Price      This displays the order price (market, closing, limit). Also, concerning the limit price portion, a 2-division board screen displays "20 prices" and a 4 or 6-division board screen displays "7 prices."
  - ◆ Concerning limit prices, they are displayed in displayed Security name price units.  
⇒ "Chapter 4 Transaction Products"
  - ◆ As for order price display methods, either of the following methods can be selected.
    - ◇ "Uncompressed price display system" (This system displays all the prices.)
    - ◇ "Compressed price display system" (This system displays only specific prices, such as prices with orders.)  
⇒ "6-2 Setting the Board Screen Price Display Method"

## Chapter 7 Board / Quotation Information Inquiries

- ◆ The immediately preceding contract price (the basic price for that day before the first price decision) is displayed in “Yellow.”
  - ◆ There is a “Basic Board Screen” which displays prices centered on the “Board Display Central Price,” and a “Scroll Screen” where scrolling is done.
    - ⇒ “7-3-2 Board Display Central Price”
- ⑫ Order Volume/
- This displays the order volume for each order price and displays the number of orders and closing limit price order volumes.
- ⑬ Number of Orders/  
⑭ Closing Limit Price  
Order Volume
- ◆ Failed orders are totaled for each limit price as limit price orders and displayed, and in addition, the total volume is displayed in the “Failed Order Volume Total Column.”
  - ◆ The “Closing” column displays closing orders only.
  - ◆ Orders at prices which exceed the displayed price have the total quantity displayed in the “OVER” column and orders at prices which come short of the displayed price have the total quantity displayed in the “UNDER” column.
  - ◆ The “OVER” and “UNDER” columns are not displayed if the board information is scrolled. (They are displayed only when the basic board screen is displayed.)
  - ◆ If Caution quotations and special quotations are displayed, orders connected with the relevant quotations are displayed as actual order prices without displaying a summary of the quoted prices.
- ⑮ Matching Symbols
- In the case of matching conditions, the following symbols are displayed in the matching prices.
- ◆ “#” : In the case of a price that it is possible to add to
  - ◆ “\*”: In the case of a price which the head office needs to decide whether it can be added to or not.
    - ※ However, when the Itayose method is being used and there are multiple matching prices, a “#” is displayed next to the matching price that is nearest to the basic price and the other prices are displayed with a “\*.”
- ⑯ Quotation Symbol
- During display of a quotation, the following symbols are displayed to the left of the price in the case of a sell quotation and on the right of the price in the case of a buy quotation.
- ◆ Bond futures, bond futures OP Security name
    - ◇ Special quotations not accompanied by Itayose
      - Sell Special Quotation: “U”, Buy Special Quotation: “K”
    - ◇ Special quotations accompanied by Itayose
      - Sell Special Quotation: “u”, Buy Special Quotation: “k”
  - ◆ Index Futures, Index OP, Share OP Security names
    - ◇ Caution Quotations
      - Sell Caution Quotation: “U”, Buy Caution Quotation: “K”
    - ◇ Special quotations accompanied by Itayose
      - Sell Special Quotation: “u”, Buy Special Quotation: “k”

**Chapter 7 Board / Quotation Information Inquiries**

⑰ Cursor

In the case that the relevant board screen becomes the object of an operation, the |"Cursor" is displayed in the "Order Price Column," "Order Volume Column," "Number of Orders Column," "Closing Limit Order Volume Column" and "Failed Order Volume Total Column"

- ◆ The "Cursor" can be moved by pressing the Arrow keys.
- ◆ If you wish to move the "Cursor" from the Limit Order display area to the Market, Closing Order display area, press the "Shift" + "I" keys.
- ◆ Depending on the "Cursor" display position, the information in the relevant display position when the "New Order Input Window" is displayed will be set automatically, or when you are conducting a "Board Details" inquiry, you can execute the inquiry without inputting the inquiry.
  - ⇒ "9-2-2 Ordering from the New Order Input Window"
  - ⇒ "10-2 Board Details Inquiry"

⑱ Secondary Information

In a 2 and 4-division board screen, "4 prices (all day, or by session)" or "Price Transition (5 values)" can be selected for the displayed Security name and displayed.

⇒ "5-1 Setting Board/Quotation Screen secondary information by type.

◆ 2-Division Board Screen

Display of "All Day 4 values" or "4 values by session" can be selected.

The 4 value display items in the 2-division board screen differ slightly as shown below depending on the type of transaction.

AM Session	
O	PM Session
H	AM/PM Session
L	O 13291
P	( 9:05)
IV	H 13320
C	( 9:46)
V	L 13274
	P ( 9:10)
	P 13310
	C (13:16)
	( 2021)
	C +13
	V 42560

	Bond Futures Transaction Security name	Index Futures Transaction Security name	Option Transaction Security name
①	"AM/PM Sessions," "AM Session" or "PM Session"		
②	Opening Price		
③	Opening Price Time		
④	High Price		
⑤	High Price Time		
⑥	Low Price		
⑦	Low Price Time		
⑧	Current Price		
⑨	Current Price Time		
⑩	Interest	Compared to Previous Day	I V
⑪	Compared to Previous Day	—	Compared to Previous Day
⑫	Final Special Quotation		
⑬	Day's Volume		

※ The bond futures spread transaction Security names become the same display item as the index futures transaction Security names.

## **Chapter 7 Board / Quotation Information Inquiries**

- ◆ 4-division Board Screen
  - “4 prices all day” 4 prices by session” or “Price Transition (5 values)” can be selected.
- ※ If 4 prices by session is displayed, the 4 prices for the morning session will be erased when the afternoon session starts and be changed to the afternoon session display.
- ※ If transactions fail at each price, a “—“ is displayed.
- ※ In the “Compared to Previous Day” column, if there was a transaction fail or if there was no contract price on the previous day, a “—“ is displayed.
- ※ Concerning the current price, In the case of the final price, a “E” is displayed, and in the case of a closing with the quotation reversed, a “G” will be displayed at the heading of the price.
- ※ In the 4-price display in the 2-division board screen, implied volatility (I V) is displayed at the point when the current price is established. Furthermore, it is impossible to calculate the correct price percentage, etc., “0.01” is displayed.

①9 Transition Price

In the 2-division board screen, the latest 5 prices are always displayed.

- ※ Morning session transition prices are erased at the start of the afternoon session.

①0 Number of Orders  
Awaiting Processing

In the 2-division board screen, when orders have been generated that are awaiting processing, the number of orders awaiting processing is displayed.

**Chapter 7 Board / Quotation Information Inquiries**

**7-3-2 Central Price in the Board Display**

- ◆ A board screen where scrolling is not being performed is called a “Basic Board Screen,” and the board information displayed is updated so that the “Board Display Central Price” is always displayed in the center of the board. The “Board Display Central Price” is decided on in accordance with the following priority order.

Session Condition	Priority Order for the Price that Becomes the Board Display Central Price
Before Opening Price is Set	① Special Quotation Price ② Basic Price
During Continuous Session	① Caution, Special Quote Price ② If there is a sell order or buy order that takes priority over the latest contract price, the relevant order price. ③ The latest contract price.
After Session is Closed	① Closing special quote price. ② Closing Price ③ In the case that there is no contract or closing special quote price for the day, the basic price for that day.

- ◆ In the “Basic Board Screen” of the “Uncompressed Price Display System,” in the case of the 2-division board screen, the “Floating Display Area” of the “Central Board Display Price” of the “Top and Bottom 3 Prices,” and in the 4 and 6-division board screens, and of the “Central Board Display Price” of the “Top and Bottom 1 Price” is set, so if that range is exceeded, prices in the center of the board are automatically edited and displayed.
  - ◆ In the “Compressed Price Display System,” the “Board Display Central Price” is always automatically edited and displayed in the center of the board.
  - ◆ Also, in the “Scroll Screen,” the price display position does not change automatically.
- <Example of Automatic Editing and Display: Uncompressed Price Display, 6-division Board Screen (Top and Bottom Price in the Floating Display Area)>

Due to a contract at “4500,” the board display central price changes from “4700” to “4500,” and since this exceeds the range of the “Floating Display Area,” the “4500” price is automatically edited and displayed in the center of the board.

**Chapter 7 Board / Quotation Information Inquiries**


**7-3-3 Scrolling of Board Information**

In the case of viewing price information that is above or below the price display range displayed in the “Basic Board Screen,” the board information is scrolled by the following method.

- ◆ Click either the [▲] or [▼] scroll button on the board screen with the mouse.
  - The screen scrolls “1 Price” at a time, each time the mouse is clicked.
- ◆ Move the cursor on the board screen by pressing the up and down arrow keys on the keyboard.
  - The screen scrolls “1 Price” at a time, each time a key is pressed.
- ◆ Press the “Up” or “Down” key on the keyboard.
  - In the case of the 2-division board screen, the screen scrolls “10 prices” each time the key is pressed, and in the 4 or 6-division board screen, the screen scrolls “3 Prices” each time the key is pressed.

You can also return to the “Basic Board Screen” from the “Scroll Screen” by the following method.

- ◆ Click on the “H” (Home) button on the board screen with your mouse.
- ◆ Press the “Home” key on the keyboard.



- ◆ Even if you have scrolled, the board information is updated automatically.
- ◆ The OVER or UNDER column information is not displayed if you have scrolled.
- ◆ The “H” button on the board screen is displayed in “Red” while the scroll screen is displayed.

<Example of Scrolling Operation>

The diagram illustrates the scrolling process between three different board screens for the instrument '01 Sony - P012-9500 V 588'.

- Top Screen (Basic Board Screen):** Shows 'U4700 (13:17)' and control buttons [▲], [H], [▼]. A callout box says 'Click the Scroll Button' pointing to the [▲] button.
- Middle Screen (Scroll Screen):** Shows a list of prices: 5200, 5100, 4900, 4800, 4700, 4600, 4500, and UNDER. A callout box says 'Click the “H” Button' pointing to the [H] button.
- Bottom Screen (Basic Board Screen):** Shows 'U4700 (13:17)' and control buttons [▲], [H], [▼]. A callout box says 'to Basic Board Screen' pointing to the [H] button.

Arrows indicate the flow: from the top screen to the middle screen (via scroll button), from the middle screen to the bottom screen (via H button), and from the bottom screen back to the middle screen (via scroll button).



**Chapter 7 Board / Quotation Information Inquiries**

7-4 Quotation Screen

7-4-1 Quotation Screen Display Items

This is displayed if "Board x 2 + Quotations", "Board x 3 + Quotations" or "Full Screen Quotations" is selected from the divided forms.

When "Board x 2 + Quotations" or "Board x 3 + Quotations" is selected, quotation information for 11 Security names is displayed.

When "Full Screen Quotations" is selected, quotation information for 24 Security names (the maximum number of registered Security names that can be displayed on 1 page) is displayed.

Security name (11)	Sell Quotation (A)		Buy Quotation (B)	
	Volume	Price	Price	Volume
01 Sony P012-11000 Caution	10	#1000	K900	5
02 Sony P012-12000 Caution	8	3300	3200	10
03 Sony P012-13000 Caution	(5)		K 8450	12
04 Sony C012-11000 Caution	2	16100	16050	1
05 Sony C012-12000 Caution				
06 Sony C012-13000 Caution		U3650		
07 Sony	21	13000	12500	26
08 TOPIX				

①
②
③
④
④
③

Current Price (P)			AM/PM Sessions			Volume
Price	Time	Compare	O	H	L	(V)
850	13:21	—	800	850	800	5
3300	13:20	+100	3200	3250	3000	24
16050	12:59	—	16000	16200	15950	12
8550	12:30					
3700	13:19	-250	3900	3950	3650	20
12900	13:22	+900	12000	13200	12000	85600
131278	13:22	+1223	130125	131546	130125	

⑥
⑦
⑧
⑨
⑩

## Chapter 7 Board / Quotation Information Inquiries

- ① Registered Security name No. and Security name
- ◆ Registered Security name No.  
This displays the “Registration No.” in the Security name display page.
  - ◆ Security name  
This displays the “Security name” of the Displayed Security name.  
⇒ “Chapter 4 Transaction Products”
  - ※ If the currently displayed Security name is the object of an operation, “the  
“Registered Security name No. “ and the “Security name” are displayed in reverse in “Yellow.”
- ② Caution Information Included/ Error Message
- ◆ Caution Information Included Message  
If caution information has been generated, “Caution” is displayed.  
※ If the relevant message is displayed, please send an inquiry concerning the  
“Caution Information” and confirm the contents.  
⇒ “Chapter 10-11 Caution Information Inquiry”
  - ◆ Error Message  
In a quotation information inquiry for the displayed Security name, if an error  
is generated, “ER” will be displayed.
- ③ Quotation Volume
- This shows a sell quotation volume or a buy quotation volume. (except when the basic index is displayed)
- ◆ When “General Quotation Price” is displayed.  
This displays the order volume for the highest priority quotation price.
  - ◆ When “Special Quotation Price / Caution Quotation Price not accompanied by Itayose” is displayed.  
This displays the order volume that is the basis for the relevant quotation.
  - ◆ When “Special Quotation Price” accompanied by Itayose” is displayed.  
This displays the deduction volume in the relevant quotation price.
  - ◆ When the “Matching Price” is displayed.  
This displays the order price in the matching price.
- ④ Quotation Price
- This displays the sell quotation price or the buy quotation price. (except when the basic index is displayed.)
- ◆ This displays the price units of the displayed Security name. (hereafter, the same)  
⇒ “Chapter 4 Transaction Products”
  - ◆ Concerning the Security name of the original stocks, prices that are 100,000 Yen or higher are displayed with the bottom 3 digits dropped. (Hereafter, the same applies in cases where the price of the original share’s Security name is displayed.)
  - ◆ When a caution/special quotation price is displayed, a Caution/special quotation symbol (U, K, u, k) is displayed at the head of the price.
  - ◆ When a matching price is displayed (except for an original stock Security name), a matching symbol (#, \*) is displayed at the head of the price.

## **Chapter 7 Board / Quotation Information Inquiries**

- ⑤ Cursor Column”  
The “Cursor” is displayed in the “Registered Security name No., Security name  
In the “Quotation Volume Column” and in the “Quotation Price Column.”
- ◆ The cursor can be moved by pressing the arrow keys.
  - ◆ Depending on the position where the cursor is displayed, the relevant display position information is set automatically when the “New Order Input Window” is displayed or inputting of inquiry can be omitted when inquiring about “Board Details.”  
⇒ “9-2-2 Ordering from the New Order Input Window”
- ⑥ Current Price  
This displays the current price.
- ◆ In the case of the closing price, “E” is displayed, in the case of continuous session Itayose, “Ita” is displayed and when transactions are suspended, “Stop” is displayed.
- ⑦ Current Price Time  
This displays the contract time for the current price.
- ⑧ Comparison with Previous Day  
Displays a comparison of the current price with the previous day.
- ⑨ Secondary Information Column  
You can select display of “4 Prices All Day,” “4 Prices by Session,” or “Price Transition (3 prices)” for the displayed Security name.
- ◆ In the case of the 4 Price display, the prices are displayed in the order of “AM session,” “High Price,” “Low Price.”  
⇒ “6-1 Setting of Different Types of Board/Quotation Screen Secondary Information”
- ⑩ Transaction Highs for the Day  
This displays the transaction high prices for the day. (except when the basic index is displayed)
- ⑪ Scroll Buttons  
These are displayed only for the quotation screen when the “Board x 2 + Quotations” or “Board x 3 + Quotations” divided forms are displayed.
- [▲]: Each time the button is clicked with the mouse, the screen scrolls up 1 name in the order of the registered Security name Nos.
  - [▼]: Each time the button is clicked with the mouse, the screen scrolls down 1 name in the order of the registered Security name Nos.  
⇒ “7-4-2 Quotation Screen Scrolling”

**Chapter 7 Board / Quotation Information Inquiries**

7-4-2 Quotation Screen Scrolling

When divided form quotation screens other than the full screen quotation display screen are selected, the maximum number of Security names that can be registered on a single page is 11 Security names with their quotation information.

Then, by scrolling the quotation screen up and down, relevant pages of registered Security name quotation information can be displayed besides the information displayed at any one time.

Quotation screens are scrolled by the following methods.

- ◆ Click the mouse on the [▲] or [▼] button on the board screen.
  - The screen scrolls “1 Security name” at a time for each click.
- ◆ Move the cursor on the board screen up or down by pressing the arrow keys on the keyboard.
  - The screen scrolls “1 Security name” at a time each time an arrow key is pressed.
- ◆ Press the “Up” or “Down” key on the keyboard.
  - The screen scrolls “6 Security names” each time the key is pressed.

<Example of Scroll Operation>

Security name	Sell Quotation (A)		Buy Quotation (B)	
	Volume	Price	Price	Volume
01 Sony —P012-11000	10	#1000	K9.00	5
02 Sony —P012-12000	3300	3200		10
03 Sony				
04 Sony				
05 Sony				

Security name	Sell Quotation (A)		Buy Quotation (B)	
	Volume	Price	Price	Volume
01 Sony —P012-11000	10			5
02 Sony				
03 Sony				
04 Sony				

19 Sony —P103-13000				
20 Sony —P103-9500				
21 Sony —C103-10000				
22 Sony —C103-11000				

## Chapter 8 Notice Display Area

### Chapter 8 Notice Display Area

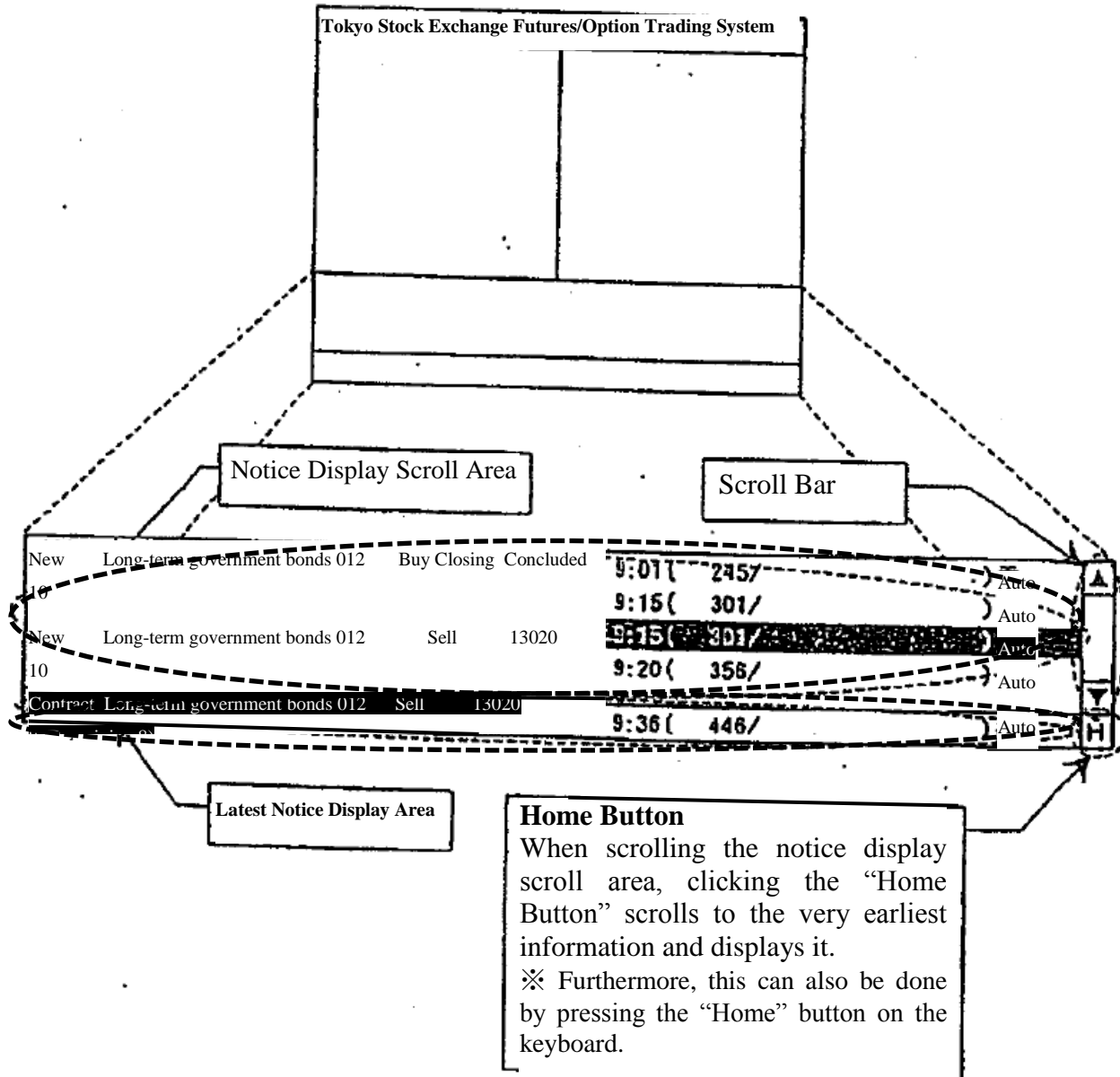
Notices, etc. involving inputs from the client are displayed in the “Notice Display Area” at the bottom of the screen, and the client can confirm the notices on the screen.

Also, the information, etc. in up to 100 previous notices can be displayed in ascending order.

In addition, by double clicking the mouse, etc. on notice information in the notice display area, an order No. from a corrected order can be set automatically in the corrected order input window.

#### 8-1 Notice Display Area Configuration

The notice display area is configured from 52o areas, the “Latest Notice Display Area” where the latest notice , etc. is displayed and the “Notice Display Scroll Area” which enables scrolling through the previous 99 notices, etc.



## **Chapter 8 Notice Display Area**

### 8-1-1 Latest Notice Display Area

The latest notice display area always displays the most recent notice information ,etc.

Furthermore, if a notice arrives and is displayed in the latest notice display area, it is displayed for a predetermined period of time in reverse highlight.

If the relevant area is a designated operation area, the cursor is also displayed in the relevant area.

Also, if a “Contract Closed Notice,” “Error Notice” or “Resale or Repurchase, etc. Input Invalid Notice” arrives and is displayed in the latest notice display area, a buzzer sounds (a beeping sound) to get the client’s attention.

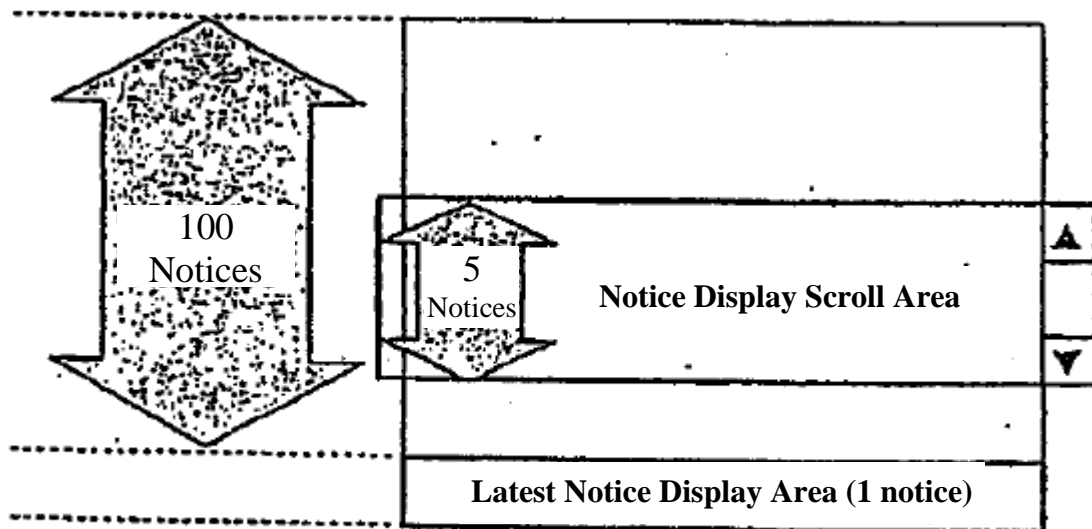
※ Furthermore, the sounding of the buzzer when a relevant message arrives can also be turned off.

⇒ “6-10 Setting the Option to Sound a Buzzer when a Notice Arrives in the Notice Display Area”

### 8-1-2 Notice Display Scroll Area

The notice display area can display up to 5 of the most recent notices, etc., and can scroll through the latest 99 notices, etc. to display them (all those except the latest notice).

Just as in the case of the inquiry response window, operation of the scroll bar using a mouse, dragging the cursor with the mouse, pressing the arrow keys with the mouse to move up or down and pressing the “Up” or “Down” key can be done to scroll.



8-2

TSE000000768  
Reference\_065

## Chapter 8 Notice Display Area

### 8-2 Display Methods in the Notice Display Area

If a notice, etc. arrives, first, they are displayed in the latest notice display area, and basically, at the point when the next notice, etc. arrives, they are moved from the latest notice display area and re-displayed at the bottom of the notice display scroll area and the earlier notices displayed 1 line higher.

However, if you are scrolling in the notice display scroll area, even if a new notice arrives, the insertion of another notice in the display is not done, but the display remains as it is.

#### 8-2-1 If you are displaying the bottom of the notice display scroll area

Each time a notice arrives, the displayed list of notices moves up one row automatically for each new notice that arrives.

##### ① "Notice 15" Arrives

→ "Notice 15" is displayed in the Latest Notice Display Area

New	Long-term government bonds		▲
012 ...	(Notice 10)		
New	TOPIX 012 ...	(Notice 11)	
Contract	Long-term government bonds		
012 ...	(Notice 12)		
~	TOPIX 012 ...	(Notice 13)	
~	TOPIX 012 ...	(Notice 14)	
New	Long-term government bonds		▼
			⌂

##### ② "Notice 16" newly arrives

→ "Notice 16" is displayed in the Latest Notice Display Area, and "Notice 15" is re-displayed at the bottom of the notice display scroll area. Also, "Notice 11" ~ "Notice 14" are all moved up and displayed 1 line higher, with "Notice 10" cleared from the screen.

New	Long-term government bonds		▲
012 ...	(Notice 11)		
New	TOPIX 012 ...	(Notice 12)	
Contract	Long-term government bonds		
012 ...	(Notice 13)		
~	TOPIX 012 ...	(Notice 14)	
~	TOPIX 012 ...	(Notice 15)	
New	TOPIX 012 ...	(Notice 16)	▼
			⌂

## Chapter 8 Notice Display Area

### 8-2-2 If you scroll in the Notice Display Scroll Area

- ① When the latest notice is “Notice 15,” make the notice display scroll area the area of operation, then scroll to display “Notice 1” ~ “Notice 5.”

New	Long-term government bonds	012 ... (Notice 1)	▲
New	TOPIX	012 ... (Notice 2)	
Contract	Long-term government bonds	012 ... (Notice 3)	▼
New	Long-term government bonds		H

- ② “Notice 16” newly arrives.  
→ “Notice 16” is displayed in the Latest Notice Display Area, but the display in the Notice Display Scroll Area does not change.  
※ Furthermore, “Notice 15”, which was cleared from the Latest Notice Display Area, is displayed if the bottom of the Notice Display Scroll Area is displayed.

New	Long-term government bonds	012 ... (Notice 1)	▲
Contract	Long-term government bonds	012 ... (Notice 2)	
Contract	TOPIX	012 ... (Notice 3)	▼
New	TOPIX	012 ... (Notice 16)	H

- ③ Display the bottom of the Notice Display Scroll Area.  
→ Display “Notice 11” ~ “Notice 15” in the Notice Display Scroll Area, and if a new notice arrives, the upward shift of the notices in the display will resume.  
※ Furthermore, the method for returning to the state where the bottom of the Notice Display Scroll Area is displayed from the scrolling state is as follows.

### 8-2-3 Resuming Display of the Bottom of the Notice Display Scroll Area

The Notice Display Scroll Area resumes display of the information at the bottom of the list by the following timing, and at the same time, it shifts the notices in the list up by one row when a new notice arrives.

- ◆ When the bottom of the list is displayed by a scrolling operation
- ◆ When the “H” button in the Notice Display Area is clicked
- ◆ When the “Home” key is pressed on the keyboard while the Notice Display Area is the operation object area.
- ◆ When the next notice arrives after moving the operation object area from the Notice Display Area to the “Board/Quotation Screen Area.

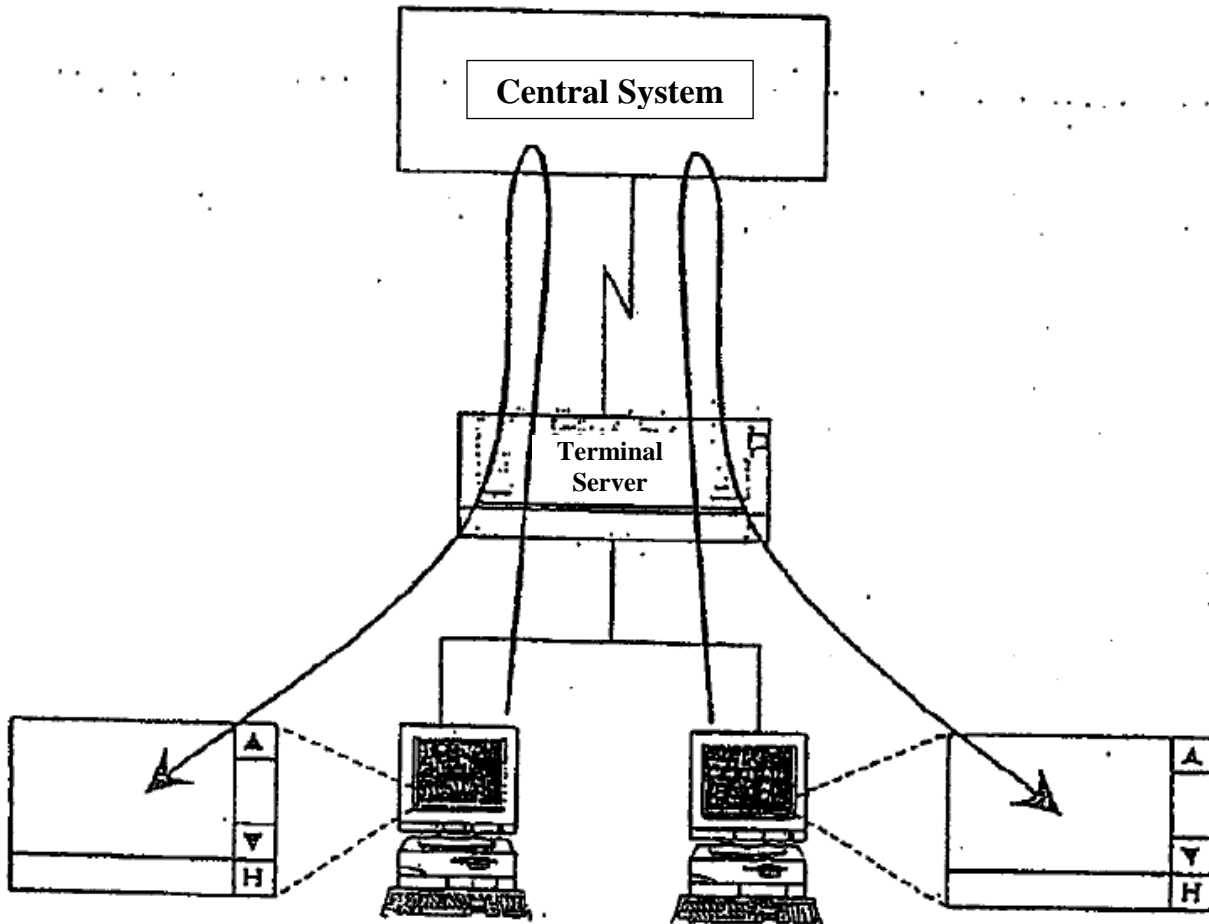


## Chapter 8 Notice Display Area

### 8-3 Displaying Notices in the Notice Display Area

Only notices that are input from clients, such as orders (including resent notices), are displayed in the Notice Display Area.

Also, displayed notices involving orders, etc. are displayed only in the notice display area of the input clients and notices involving orders, etc. which are input by other clients are not displayed.



Furthermore, in cases where a notice output to the terminal server used by the relevant client is sent to a different proxy server, etc., if the notice is not sent to the relevant terminal server, it is not displayed in the notice display area.

**Chapter 8 Notice Display Area**

**8-3-1 Types of Notice, etc. Displayed in the Notice Display Area**

The following notices and messages are displayed in the Notice Display Area.

◆ Order Received Notice

New	Long-term government	13025	100	10:53	( 467/	1234567890)	Auto
bands 012	Closing Buy						

①      ②      ③④    ⑤      ⑥      ⑦      ⑧      ⑨      ⑩

① Type: "New"    ② Security name      ③ Performance Conditions    ④ Sell or Buy Category    ⑤ Order Price  
 ⑥ Order Volume    ⑦ Order Received Time    ⑧ Order No.      ⑨ In-house No.      ⑩ Control Item

◆ Contract Closing Notice

Contract	Long-term	13025	Opening 50	(Remaining 50)	12:30	( 897/	1234567890)	Auto
bands 012	band 012							

①      ②      ③    ④    ⑤      ⑥      ⑦      ⑧      ⑨      ⑩      ⑪

① Type: "Contract"    ② Security name      ③ Sell or Buy Category    ④ Contract Price    ⑤ Price Symbol  
 ⑥ Contract Volume    ⑦ Remaining Order Volume    ⑧ Contract Time      ⑨ Order No.      ⑩ In-house Item  
 ⑪ Control Item

◆ Cancellation Results Notice

Cancellation	Long-term	( 267/	1234567890)	Auto	9:27	All Canceled	-20
bands 012	band 012						

①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧

① Type: "Cancellation"    ② Security name      ③ Order No.      ④ In-house Price  
 ⑤ Control Item      ⑥ Cancellation Time    ⑦ Cancellation Results Message    ⑧ Cancellation Volume

◇ Cancellation Results Messages

- "All Canceled": In the case that the entire volume in the order went through cancellation processing.
- "Partial Cancellation": In the case that there was a partially completed portion in the cancelled order, so only a portion of the volume went through cancellation processing.
- "Partial Impossibility": In the case that a portion of the volume of the cancelled order could not be put through cancellation processing.
- "All Contracted": In the case that the entire volume of the cancellation order had already been contracted.
- "Opening Price Decision": In the case that the canceled order came with contributing conditions attached, and after the opening price was decided, cancellation was input.

**Chapter 8 Notice Display Area**

◆ Changed Results Notice

Change	Long-term government bonds 012	(457/	1234567890)	Auto	14:53	All Changed	Closing Buy					
		13022	30(-	20)								
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	

- ① Type: "Change"
- ② Security name
- ③ Order No.
- ④ Remaining Order In-house No.
- ⑤ Remaining Order Control Item
- ⑥ Change Time
- ⑦ Change Results Message
- ⑧ Remaining Order Performance Conditions
- ⑨ Remaining Order Sell or Buy Category
- ⑩ Order Price of Remaining Order
- ⑪ Remaining Order Volume
- ⑫ Cancelled Volume

◇ Change Results Messages

- "All Changed": (Other than volume reduction) In the case that the entire volume in the order went through change processing.  
(Volume reduction) In the case that the entire volume of the specified reduced volume went through reduction processing.
- "Partial Change": There was a partially completed portion in the changed order, so only a portion of the volume went through change processing.
- "Partial Impossibility": In the case that a portion of the volume of the changed order could not be put through change processing.
- "All Contracted": In the case that the entire volume of the changed order had already been contracted.
- "Opening Price Decision": In the case that the changed order came with contributing conditions attached, and after the opening price was decided, change was input.

◆ Invalid Order Notice

Invalid	Long-term government bonds 012	Not Concluded	Closing Buy	13025	100	10:53	(467/ 1234507890)					
		Auto										
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪		

- ① Type: "Invalid" Message
- ② Security name
- ③ Invalid Reason
- ④ Invalid Order Performance Condition
- ⑤ Invalid Order Buy or Sell Category
- ⑥ Invalid Order Order Price
- ⑦ Invalid Order Volume
- ⑧ Invalid Order Order Received Time
- ⑨ Invalid Order Order No.
- ⑩ Invalid Order In-house No.
- ⑪ Invalid Order Control Item

◇ Invalid Reason Message

- "Not Concluded": Concerning orders with performance conditions, in the case where the order was not concluded because there was no performance at the time the relevant performance conditions were applied.

※ Concerning details of "③ Invalid Reason Message," please confirm if there is a printer output notice or perform a notice search.

**Chapter 8 Notice Display Area**

◆ New Error Notice, Batch Order Error Notice

Error (New Opening Price Decided) Long-term government bonds 012 Itayose Buy 13025 100 ( / 1234507890) Auto

①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧      ⑨      ⑩

- ① Type: "Error"      ② Error Type: "New" or "Batch Order"      ③ Error Reason
- ④~⑩ Specific content when a new caution or a batch caution is input
- ④ Security name      ⑤ Performance Conditions      ⑥ Sell or Buy Category      ⑦ Order Price
- ⑧ Order Volume      ⑨ In-house No.      ⑩ Control Item

※ A batch order error notice is output in the case that an error occurred in the central system when an order was received at the time it was input from the "Batch Order Input Window" (in the case of an Error B notice).

※ Concerning "③ Error Reason," this is the same as a printer output notice.

◆ Cancellation Error Notice, Change Error Notice

Error (Cancellation Relevant Order Invalid) Long-term government bonds 012 ( 467/ )

①      ②      ③      ④      ⑤

- ① Type: "Error"      ② Error Type: "Cancellation" or "Change"      ③ Error Reason
- ④~⑤ Correction (Cancellation / Change) Specifications for the corrected order at the time of order input
- ④ Security name      ⑤ Order No. / In-house No.

※ Concerning "③ Error Reason," this is the same as a printer output notice.

◆ Batch Error Notice

Error (Batch No Relevant Terminal) Long-term government bonds 012 1001

①      ②      ③      ④      ⑤

- ① Type: "Error"      ② Error Type: "Batch"      ③ Error Reason
- ④~⑤ Specification contents when batch cancellation specifications are input
- ④ Security name      ⑤ Input Terminal No.

※ Concerning "③ Error Reason," this is the same as a printer output notice.

**Chapter 8 Notice Display Area**

◆ Resale, Repurchase Input Invalid Notice

Invalid Resale, Repurchase Input [Next Day Correction Input] Long-term government bonds 012 Self 15:28

①

②

③

④

① Type: “Invalid Resale, Repurchase Input”

② Invalid Reason

③ Security name of the item that had an invalid input and Self/Entrusted Category

④ Invalid Time

※ Concerning “② Error Reason,” this is the same as a printer output notice.

◆ Resale, Repurchase / Exercise of Rights Input Invalid Notice

Invalid Resale, Repurchase / Exercise of Rights Input [Next Day Correction Input] Long-term government bonds 012  
Entrusted 15:28

①

②

③

④

① Type: “Invalid Resale, Repurchase / Exercise of Rights Input”

② Invalid Reason

③ Security name of the item that had an invalid input and Self / Entrusted Category

④ Invalid Time

※ Concerning “② Error Reason,” this is the same as a printer output notice.

◆ Outstanding Entrusted Transaction Securities Fund Calculation Base Creation Power Invalid Notice  
For the present, this is not output.

## Chapter 8 Notice Display Area

### ◆ Allocation Notice

Allocation	Long-term government bonds 012	Self	43
------------	--------------------------------	------	----

①

②

③

① Type: "Allocation"

② Security name for which there was an allocation and Self / Entrusted Category

③ Allocation Volume



An allocation notice is shown to fund clients to make it possible for them to use the relevant market under the control of the data server.

### ◆ SQ Message

TOPIX SQ	1348, 29	(15:05)
----------	----------	---------

①

②

③

① Name of an index where SQ was calculated.

② SQ Value

③ SQ Calculation

Time

※ This is displayed to clients to make it possible for them to use the index futures market and index options market.

### ◆ Notice Output Complete Message

<Bond Futures OP> AM Order Reception Notice Output Complete
---

①

②

① Market Name

② Notice Output Complete Message

#### ◇ Notice Output Complete Message

- "Morning Session Order Reception Notice Output Complete": In the case that output of order reception notices for the relevant market's morning session is complete.
- "Morning Session Contract Notice Output Complete": In the case that output of contract notices for the relevant market's morning session is complete.
- "Afternoon Session Order Reception Notice Output Complete": In the case that output of order reception notices for the relevant market's afternoon session is complete.
- "Afternoon Session Contract Notice Output Complete": In the case that output of contract notices for the relevant market's afternoon session is complete.

8-10

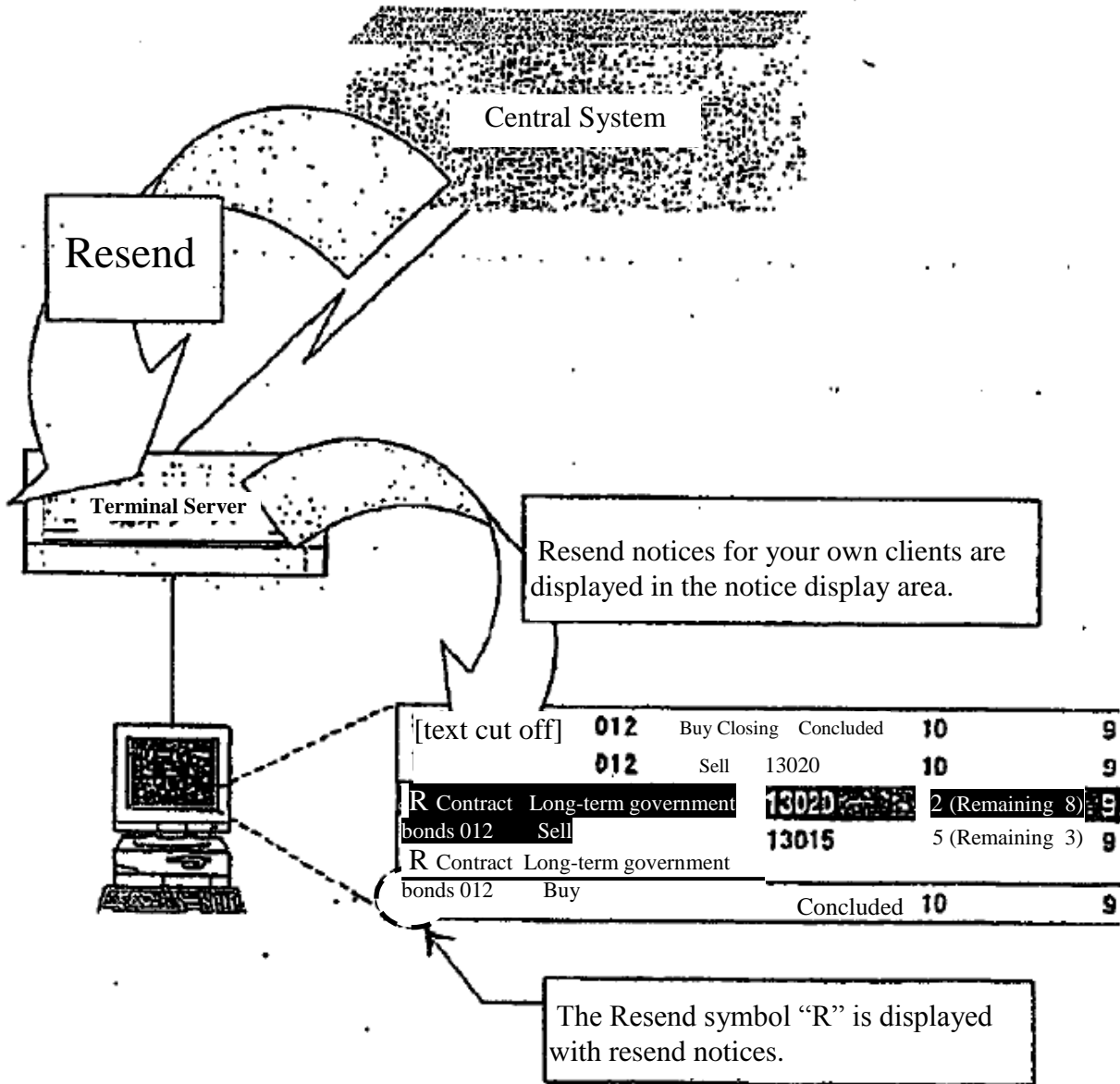
TSE0000000776  
Reference\_065

## Chapter 8 Notice Display Area

### 8-3-2 Displaying a Resend Notice in the Notice Display Area

Even in cases where notice information is resent to a terminal server, resend notices for your own clients are displayed in the notice display area.

In cases of displaying resend notices, in order to show that there is a resend notice, a “R” is displayed at the heading of the notice.



⇒ “14-3 Requesting / Stopping Resending”

### 8-3-3 Display of Repetitive Symbols

In cases where it is possible that system malfunction notices are output before a malfunction occurs, such as at times when notices are output after recovery from a malfunction, in cases where it is possible that there will be proxy instructions or use of a terminal will be started or stopped during a malfunction, and there is a recovery at the proxy source or destination, resulting in a notice being output, then the notice could have duplicate symbols added.

If a notice with the relevant duplicate symbols is displayed in the notice display area, a “D” duplicate symbol will be added at the heading of the notice.

**Chapter 8 Notice Display Area**

**8-4 Inputting Corrected Orders from the Notice Display Area**

Using the notice information in the notice display area, you can easily input corrected orders using the following methods.

- ◆ Double click the notice display position of a “Receive Order”, “Conclude Contract” or “Change Results” notice in the notice display area. This will cause a “Corrected Order Input Window” to be displayed and will set a “Trade Name” and “Order No.” for the relevant company’s order in the Corrected Order Specification Column.
- ◆ If the notice display area is the operation object area, and the cursor is positioned on a “Receive Order”, “Conclude Contract” or “Change Results” notice, clicking on the “Correct Order” item in the menu bar or pressing the “Correct Order” key on the keyboard displays the “Corrected Order Input Window” and sets the “Security name” and “Order No.” in the corrected order specification column automatically.
- ※ Furthermore, concerning notices other than the above, in the case of notices that include a Security name, the “Security name” only is set automatically, and in the case of notices, etc. that do not include a Security name, the “Corrected Order Input Window” is displayed without anything being set automatically.

The screenshot shows a list of order notices. A callout box labeled "Double Click" points to a specific notice. Another callout box labeled "Select 'Correct Order' on the Menu bar or press the 'Correct Order' key." points to the same notice. The notices include details like "New Long-term government bonds 012 Buy Closing Concluded 10 9:01 ( 245/" and "New Long-term government bonds 012 Sell 13020 10 9:15 ( 301/".

The screenshot shows the "Corrected Order Input" window. A callout box points to the "Change Price" field, which contains the value "301/". Other fields include "Order No. / In-house No.", "Buy/Sell", "Price", "Type", "Change Condition", "Change Price", "Canceled Volume", "Change Control", "Send", "Cancel", and "Volume".

Information in the position where the cursor is displayed is set automatically.

⇒ “9-4-2.1 Displaying the Corrected Order Input Window”



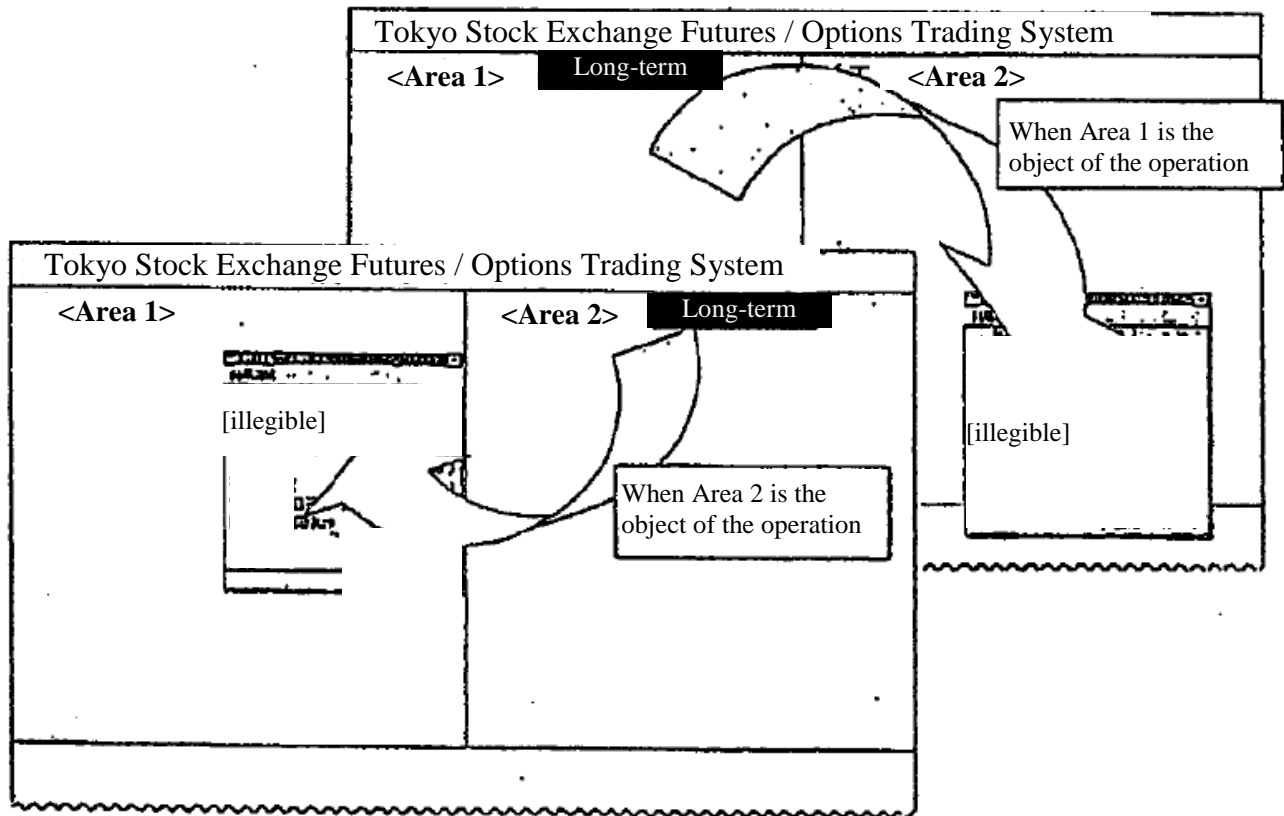
# Chapter 9 Order Input

Order input is done by displaying each of the following order input windows corresponding to the type of order being prepared.

- ◆ New Order Input → “New Order Input Window,” “Multiple New Order Input Window”
- ◆ Batch Order Input → “Batch Order Input Window,” “New Order Input Window”  
“Multiple New Order Input Window”
- ◆ Canceled Order Input → “Corrected Order Input Window,” “Multiple Corrected Order Input Window”  
“Batch Canceled Order Input Window”
- ◆ Changed Order Input → “Corrected Order Input Window,” “Multiple New Order Input Window”

## 9-1 Displaying the Order Input Window

Each order input window if it is newly displayed, corresponds to the position of an operation object area within the main window, and has a starting display in a predetermined position so that Security name which is the object of the operation is not hidden.



9-1

TSE0000000779

Reference\_065

## **Chapter 9 Order Input**

### **9-2 New Order Input**

By inputting a new order, you can participate in the transactions of the specified Security name.

Also, by double clicking the mouse on the board / quotation screen, etc., it is possible to automatically set input items such as order prices in the new order input window, abbreviating the new order issue operation.

#### **9-2-1 Handling of New Orders**

- ◆ The performance conditions that can be added to new orders are as follows. (except spread transactions)
  - ◇ Contribution Conditions: Participation is only in the transactions when the opening price is decided at the session when it is input, and it becomes invalid if not contracted for.
  - ◇ Closing Conditions: Participation is only in the transactions when the opening price is decided at the session when it is input, and it becomes invalid if not contracted for.
  - ◇ Not concluded Conditions: During a continuous session, participation is in transactions as a continuous session order, and if it is not contracted during the continuous session, participation is as a contracted order in transactions when the closing price is decided.
  
- ◆ Performance conditions and order price combinations that can be input are as shown below.

	Concluded	Limit
Contribution	○	○
Closing	○	○
Not Concluded	X	○

※ “X” cannot be input.

- ◆ The period of validity of an order is as follows.
  - ◇ The period of validity of orders that do not have performance conditions added to them is limited to the day they are issued.
  - ◇ The period of validity of orders with performance conditions added to them is limited to the session in which the orders are input.  
However, concerning orders with performance conditions added, if transactions on the Security name input in the morning session are not concluded, they are valid until there is performance in the afternoon session.
  
- ◆ When inputting orders with performance conditions, if transactions were already concluded with the relevant performance conditions (input of an order with performance conditions after the opening price was decided), it becomes an error order.
  
- ◆ When inputting a new order, if the board conditions are in a matching state, or if the time priority rules are broken through board registration of the relevant order, processing is immediately held without board registration. Consequently, when a sell order and a buy order match each other, the input order’s processing is put on hold, so after compromise and cancellation of the processing hold, participation in transactions can take place.

## **Chapter 9 Order Input**

- ◆ If a buy (sell) order with a price that is higher (lower) than the relevant sell (buy) quotation is received by the central system while that sell (buy) quotation is displayed, the relevant buy (sell) quotation is treated as an order that matches that sell (buy) quotation's price.
- ◆ Caution Quotation
  - ◇ In a share price index futures transaction, a share price index options transaction and a share option transaction, if an order input during a continuous session is an order with a price that is dissociated from the immediately preceding contract price, from the viewpoint of price continuity, in order to make the existence of this order common knowledge, a "Caution Quotation" (U, K) is displayed. In that case, the relevant order is treated as an order with the relevant "Caution Quotation" price.
  - ◇ If a sell (buy) order input while a "Sell (Buy) Caution Quotation" is displayed has priority over the sell (buy) caution quotation's price, for a short time, processing is put on hold and then it is permitted to participate in transactions after the processing involving the relevant caution quotation is completed.
- ◆ Special Quotations Unaccompanied by Itayose
  - ◇ In bond quotation transactions and bond futures options transactions, if an order with a price that is 10 Sen or more dissociated from the immediately preceding contract price is input during a continuous session, from the viewpoint of price continuity, in order to make the existence of the relevant order common knowledge, a "Special Quotation Unaccompanied by Itayose" (U, K) is displayed. In that case, the relevant order is treated as an order with a "Special Quotation Unaccompanied by Itayose" price.
  - ◇ A "Special Quotation Unaccompanied by Itayose" is displayed with the same symbols as the abovementioned caution quotation on a terminal display, so in the system, it is treated as a special quotation and the relevant special quotation's price becomes a reference price for the next contract.
  - ◇ If a "Sell (Buy) Special Quotation Unaccompanied by Itayose" is displayed, the continuous session continues, so if a sell (buy) order that is input while a sell (buy) special quotation is displayed has a higher priority than the relevant sell (buy) special quotation price, processing is put on hold, then it is permitted to participate in transactions after the processing involving the relevant special quotation is completed.
- ◆ Special Quotations Accompanied by Itayose
  - ◇ If a matching price is a "price that becomes a reference price for the next contract," if it is removed from the "immediately preceding contract price," in the case of share price index futures transactions, share price index option transactions and share option transactions, or from the immediately preceding contract price or the special quotation price unaccompanied by Itayose" in the case of bond futures transactions and bond futures option transactions, by a predetermined margin or greater, then from the viewpoint of price continuity, the relevant order conditions are displayed as a "special quotation accompanied by Itayose" to make them common knowledge.
  - ◇ In the case of a sell (buy) order that is input while a Special Quotation Accompanied by Itayose" is displayed has a price that takes priority over the relevant sell (buy) special quotation price, it is treated as the relevant special quotation price order.
  - ◇ Even if an order input while the relevant special quotation was being displayed in order to undergo Itayose processing while a "Special Quotation Accompanied by Itayose" was displayed has priority over the relevant special quotation price, it participates in the transaction.

## **Chapter 9 Order Input**

- ◆ Simultaneous Orders
  - ◇ Orders input while the opening price is decided for each session, or between the time that transactions are temporarily suspended or stopped until the next opening quotation price is decided are regarded as being orders that have been input simultaneously (simultaneous orders) and are treated as exceptions to time priority.
  - ◇ Concerning transactions other than bond futures transactions, when the day's session closes, if the closing price is decided to be the limit price, a market order is read as an order at the limit price and orders at the limit price including the relevant order are regarded as having been input simultaneously (simultaneous orders), and are treated as exceptions to time priority.
- ◆ If a newly input order is received normally by the central system, an "Order Received Notice" is output.
- ◆ If a newly input order is checked by the central system and becomes an error order, a "New Error Notice" is output.
- ◆ Points to Remember Concerning Spread Transactions
  - ◇ Long-term government bonds Futures Spread Transaction (Scheduled to open transactions in November 1998)
    - All execution conditions (contribution "2", closing "4", not concluded "6") cannot be added.
    - Concerning the order price, market specification cannot be done.
    - As a method of specifying the order price, input the actual spread price. Accordingly, if "0" is input as the order price, it will be treated as an order with a spread price of "0 Sen."
      - ⇒ "4-1-2 Long-term government bonds Futures Spread Transactions"
  - ◇ TOPIX Futures Spread Transactions
    - Of the execution conditions, not concluded "6" cannot be added.
    - Until zero and minus prices can be handled, the spread price specification method is to input "1000" for "0.0 point."
    - Concerning the order price, market specification cannot be done. Accordingly, until zero and minus prices can be handled, if "0" is input as an order price, it is regarded as a market order and becomes an error.
    - After zero and minus prices can be handled, order prices specification methods will be to input the actual spread price. Accordingly, if "0" is input as an order price, it will be treated as an order with a spread price of "0.0" point.
      - ⇒ "4-3-2 TOPIX Futures Spread Transactions"

**Chapter 9 Order Input**

**9-2-2 Ordering from the New Order Input Window**

**9-2-2.1 New Order Input Window Display**

The new order input window can be displayed using the following two methods.

- ◆ Double click on a specific area on the Board/Quotation Screen.
    - Depending on the place that is double clicked, the "Security name," "Sell / Buy Category," "Order Price" or "Execution Conditions" are set automatically.
      - ※ If the Board / Quotation Screen is double clicked when the board information is not being displayed, the new order input window is displayed without any items being set automatically.
- <Example of Automatic Setting According to the Double Click Position>

The diagram illustrates the process of opening the New Order Input window. It starts with a Board/Quotation screen showing market data for '01 Long-term government bonds'. A double-click on the price '13022' (indicated by a callout box 'Double click') triggers the opening of the 'New Order Input' window. A callout box 'Displays the New Order Entry Window' points to the transition. The 'New Order Input' window shows the following fields:

- Security name: Long-term government bonds 012
- Condition: Contrib. 2 Clos-4 Not ing Concluded 6
- Sell/Buy: Sell: 1 Buy: 3
- Price: Market: 0
- Volume: 3 (circled)
- In-house No.:
- Control: Self: 9 Entrusted: 0 0 (9)
- Limit: Cancel: 9

Buttons 'Send' and 'Cancel' are visible at the bottom. A callout box 'The information at the double clicked position is set automatically.' points to the 'Price' and 'Volume' fields. At the bottom of the diagram, a warning icon and text state: 'Even after the New Order Input Window is displayed, clicking on the specific areas in the Board / Quotation Screen enables you to update the set contents. 定す'

**Chapter 9 Order Input**

- ◆ Select the item “New Order” on the Menu bar by clicking it with the mouse or by pressing the “New Menu Key” on the keyboard.
- Depending on the position of the cursor displayed on the Board / Quotation Screen, the “Security name,” “Sell / Buy Category,” “Order Price” or “Performance Conditions” will be set automatically.
- ※ If there is a cursor in the Board/Quotation Screen when board information is not displayed, the New Order Input Window will be displayed without any items being set automatically.

<Example of Automatic Settings Using the Cursor Position>

Continuous Session	01	Long-term government bonds	012	Base	13296	
K13320 (13:17)						Next/Prev.
10		Closing Market	10	1	15	0 13291 ( 9:05)
9	171	2209	OVER			H 13320 ( 9:46)
	1	5	13023			L 13274 ( 9:10)
			13022			P 13310 (13:16)
10			13021			C +13
			13020 K			

Click the “New Order” item on the Menu bar or press the “New Order Key.”

Displays a new order entry window

The information at the cursor display position is set automatically.

Even after the New Order Input Window is displayed, clicking on the specific areas in the Board / Quotation Screen enables you to update the set contents.

## Chapter 9 Order Input

- ◆ Items Set Automatically According to the Double Click Position or Cursor Position

If the double click position and cursor position are the same, whichever of the above operations is performed, the item that is set is the same.

- ◇ Board Screen

Continuous Session		01 Long-term government bonds		Base		13296			
K13320(13:17)						▲	H	▼	Prev/Next
10			④	Closing Market	10	1	⑥	13291 ( 9:05)	
9	171	2209		OVER			H	13320 ( 9:45)	
	1	5		13023			5	L 13274 ( 9:10)	
				13022		③		P 13310	
				13020		②			

- ① Security name Registration No. Column, Security name Column Automatic Setting Items
  - Security name and Security name Registration No.
- ② Price Column (Except OVER, UNDER) Automatic Setting Item
  - Brand name and Brand Registration No.
- ③ Automatic Setting Items of Order Volume Column, Number of Orders Column, (except OVER, UNDER)
  - Brand name and Brand Registration No.
  - Sell/Buy Category (1 or 3)
  - Order Price (Each Asking Price or 0)
- ④ Closing Order Volume Column, Closing Number of Orders Column Automatic Setting Items
  - Brand name and Brand Registration No.
  - Closing Conditions (4)
  - Sell/Buy Category (1 or 3)
  - Order Price (0)
- ⑤ Closing Limit Order Volume Column (except OVER, UNDER, Closing) Automatic Setting Items
  - Brand name and Brand Registration No
  - Closing Conditions (4)
  - Sell/Buy Category (1 or 3)
  - Order Price (Each Asking Price)
- ⑥ Not Concluded Order Volume Total Automatic Setting Items
  - Brand name and Brand Registration No
  - Not Concluded Conditions (6)
  - Sell/Buy Category (1 or 3)



If the price “0” is set automatically, it is treated as “Market.” However, concerning spread transactions which are capable of handling zero or minus prices, they are treated as a limit price “0”.

**Chapter 9 Order Input**

◇ Quotation Screen

		▲	Sell Quotation (A)		Buy Quotation (B)	
		▼	Volume	Price	Price	Volume
01	TOPIX 012		5	13005	13000	10
02	TOPIX 103		6	13100	13005	5
03	TOPIX 106 ①	②			④	
04	TOPIX 109			③		

- ① Security name Registration No. Column, Security name Column Automatic Setting Items
  - Security name and Security name Registration No.
- ② Sell Quotation Volume Automatic Setting Items
  - Security name and Security name Registration No.
  - Sell (1)
- ③ Number of Sell Quotations Column Automatic Setting Items
  - Security name and Security name Registration No.
  - Sell (1)
- ④ Buy Quotation Price Column Automatic Setting Items
  - Security name and Security name Registration No.
  - Buy (3)
- ⑤ Number of Buy Quotations Column Automatic Setting Items
  - Security name and Security name Registration No.
  - Buy (3)



## 9-2-2.2 Entry Items for New Order Entry Window

&lt;Vertical New Order Entry window&gt;

New Order Entry
Brand selection
Long-term government bonds 012 (01) Condition Nearest 2 Argument 4 Not 6 Sell / Buy Sell 1 Buy 3 Price Market ( 13022) Count / Quantity Internal Number Responsible Myself 9 Consignment 0 (9) Limit Release 9Japanese original_141-160
Send Cancel Number KB OK

&lt;Horizontal New Order Entry window&gt;

New Order Entry
Brand Selection
Long-term government bonds 012 (01) Condition() Sell/Buy (3) Price ( 13022) Quantity ( 10)
Management (9) Limit () Send Cancel
Number KB OK

Conditions Input the enforcement conditions or the bulk order input methods.

- Nearest: "2"
  - Argument: "4"
  - Establishment: "6"
  - Bulk Order Input Method A: "7"
  - Bulk Order Input Method B: "9"
- ⇒ "9-3-2 Sell/Buy bulk order input from the New Order Entry window"

\* Long-term government bonds Futures Spread Trade  
 Nearest "2", Argument "4", Non-market designation not possible.

\* TOPIX Futures Spread Trade  
 Non-market "6" designation not possible.

Sell/ Buy Type in the trade division. (Required field)

Sell: "1"

Buy: "3"

Price Type in the order price. (Required Field)

Market: "0"

\* In the case of a spread deal countering a zero-minus price, it will be treated not as "market" but as limit price "0".

Limit: The price of each field for each brand's price

➔ "4<sup>th</sup> Regarding the commodity trading"

\* For the order price input, with the exception of single digit "0", "0" is not received as a priority number like "05" is so even in cases where the price on the plate surface is "0" and is shown with priority, please do not perform with "0" as the priority. (As for the order price input, it is all the same.)

(Regarding the typed in order price, it is all the same.)

- Shows: "005" ➔ Insert: "5"
- Shown "-05" ➔ Insert: "-5"

Quantity Insert order Quantity. (Required field)

Internal Number The company itself will input an internal management number for the 20.

It is also possible to have the space settings (use the space key.).

\* Regarding the kept intake of the internal number

In case there are multiple orders with the same brand internal number, the central system, using a certain rule, will identify any order cancelations or changes.

At this point, it will cancel or change the order with the said internal numbers, the unintended orders being cancelled, so please pay close attention to the intake of internal numbers.

Furthermore, in these types of cases, please cancel or change the order number.

Management enter Self/ consignment separately. (Required field)

Self: "9"

Consignment: "0"

⇒ "6-4 Management point (Self / Consignment difference) will be automatically set"

In addition, when inputting bulk orders, please input the following points for the matching of the ordered separate self/consignment.

(Sell Order) Consignment (Buy order) Consignment: “0”

(Sell Order) Self (Buy order) Self: “9”

(Sell Order) Consignment (Buy order) Self: “1”

(Sell Order) Self (Buy order) Consignment: “8”

⇒ “9-3-2 In the New Order Entry window, the Sell/Buy Bulk order input”

**Limit** Input when order input is bigger than what was set as the input Quantity limit set at the start.

Limit release: “9”

⇒ “6-5 Setting the input Quantity limit for New Order Entries”

**Sending the input contents of the New Order Entry window**

After inputting data into the required fields in the New Order Entry window, using either the mouse or the keyboard the “send” function will be performed, sending the input order contents to the central system.

- When sending, in case the terminal systems gives an error, on the bottom part of the New Order Entry window, when the messages are shown, an error message will show.
- After sending it to the central system, in case the central system gives an error, it will issue an error notification.
- Regarding the New Order Entry window, in case you send the input content to the central system, although input data other than the auto set “management items” (self/consignment separately) and “brand name”, “brand number” will be erased, unlike with other order input windows (except the multiple new order window), the window itself will not be erased.

9-2-3 Order from the multiple New Order Entry window

It is possible to input 5 new orders at the same time in the multiple new orders input window.

9-2-3.1 Points to keep in mind when inputting orders in the multiple new orders input window

- It is possible to input 5 new orders at once in the multiple new orders input window. However, it will not bundle and input the multiple orders, but it is input continuously from the above input area.
- In case you make multiple orders from the multiple orders input window, in case one of the orders returns an error from the terminal system, the other order will not be processed either.

9-2-3.2 The display of the multiple new orders input window

The New Order Entry window will display using the following methods.

1. Choose from “multiple orders” – “2 multiple new” from the menu on the main window.

Multiple Order Input	
Brand Selection	
( ) Conditions ( ) Internal Number ( )	Sell/Buy ( ) Price ( ) Quantity ( ) Management ( ) Limit ( )
( ) Conditions ( ) Internal Number ( )	Sell/Buy ( ) Price ( ) Quantity ( ) Management ( ) Limit ( )
( ) Conditions ( ) Internal Number ( )	Sell/Buy ( ) Price ( ) Quantity ( ) Management ( ) Limit ( )
( ) Conditions ( ) Internal Number ( )	Sell/Buy ( ) Price ( ) Quantity ( ) Management ( ) Limit ( )
( ) Conditions ( ) Internal Number ( )	Sell/Buy ( ) Price ( ) Quantity ( ) Management ( ) Limit ( )
Send   Cancel	
Number KB OK	

## 9-2-3.3 Inputting the order data into the multiple new orders input window

The multiple new orders input window is displayed with no brand name etc. set. Thus, after the said window is displayed, in each area the “brand name” would be set, and afterwards, the “order price” and other items will be input.

## Designation of the set target area for brand name

When setting the brand name, it is necessary to pre-select the brand name area within the 5 order input areas. That designation is done by selecting the radio button on the brand name display area. Selection of the radio button can be done from the keyboard as well, but using the mouse is preferred.

## With the mouse

Click the radio button of the area you would like to designate or the brand name display area.

Multiple New Orders Input	
Brand Selection	Click the radio button of the area you would like to designate or the brand name display area.
	( ) Conditions ( )      Sell/Buy ( ) Price ( ) Quantity ( ) Internal Number ( )      Management ( ) Limit ( )

Multiple New Orders Input	
Brand Selection	The designated area's radio button is selected, and the cursor is also moved to the selected area.
	( ) Conditions ( )      Sell/Buy ( ) Price ( ) Quantity ( ) Internal Number ( )      Management ( ) Limit ( )

## With the keyboard

Only when pressing the “-” (not possible with the tab key) to move the cursor from the area of the last input item (limit release area side) to the next one, at that timing, the selection switches to the radio button.

Multiple New Orders Input	
Brand Selection	Press the “-” key (space key)
	( ) Conditions ( )      Sell/Buy ( ) Price ( ) Quantity ( ) Internal Number ( )      Management ( ) Limit ( )

When the cursor moves to the next area, the selection of the radio button switches.

- Inputting the brand name etc.

Regarding the input methods of brand name etc., there are 3 methods as follows.

Furthermore, regarding the input of each order one by one, it is the same as the new orders input window.

Double click on the plate/ sign screen specific area

① When double clicking the plate/ sign screen specific area, at the place where you double clicked, the “brand name”, “Sell/Buy”, “Order Price”, “Processing Conditions” will be automatically set in the multiple new orders input area’s settings target area.

\*The automatically set items are the same as the ones in the New Order Entry window.

=> “9-2-2 The display of the New Order Entry window”

② Input the rest of the items.

✧ Inputting the registered brand number

① Input the brand registration number of 01 to 24 in “Brand Registration Number Input Field” of the area to set the brand name in the multiple new orders input window.

② At this point, it sets the brand name corresponding to the brand registration number that is input in the registration page of the board/quotations screen displayed.

⇒ ”5-2-3 Changing the input brand”

③ Input the rest of the items.

✧ Selecting from the menu bar item “Brand Selection” in the multiple new orders input window

① Selecting the brand name to set from the menu bar item “Brand Selection” in the multiple new orders input window sets the brand name selected from the set area in the multiple new orders input window.

⇒ ”5-2-3 Changing the input brand”

② Input the rest of the items.

---

#### 9-2-3.4 Sending the input contents of the multiple new orders input window

After inputting the required items in the multiple orders input window, by using the mouse or the keyboard to do the “sending”, the input order contents are sent to the central system.

- When sending, in case the terminal systems gives an error, on the bottom part of the multiple new orders input window, when the messages are shown, an error message will show.
- After sending it to the central system, in case the central system gives an error, it will issue an error notification.
- Regarding the multiple new orders input window, in case you send the input content to the central system, although input data other than the auto set “management items” (self/consignment separately) and “brand name”, “brand number” will be erased, unlike with other order input windows (except the multiple new order window), the window itself will not be erased.

### 9-3 Sell / Buy Bulk Orders Input

The Sell / Buy Bulk ordering is a method that allows both a Sell Order and a Buy Order of the same Quantity, at the same time, and at the same price of a similar brand to be processed at the same time.

#### 9-3-1 Sell / Buy Bulk Orders Handling

For the Sell/ Buy Bulk order, items can be input in both the “New Order Entry window” and the “bulk orders input window”.

After inputting into the designated Sell/ Buy area of either the “New Order Entry window” or the “bulk orders input window”, the order on the opposite side will be automatically input. In other words, in case of designating a Sell (Buy) Order, right after that order, a Buy (Sell) Order of the same price and same Quantity will be automatically input.

The 2 orders input during a Sell/ Buy bulk order input, the central system will not interrupt other orders, and will continuously receive and process. (Thus, the order number becomes a serial number.)

There are 2 methods for inputting a Sell / Buy Bulk order.

#### Bulk Order Input Method A

Continuously receive the 2 orders that resulted from the Sell/ Buy Bulk Order Input, and afterwards, process them at the same time as the normal orders.

Thus, in case it was ordered as a continuous session order, and if there are other priority orders on the plate, the said order will be aligned with them and processed. After that, it will be performed as a bulk order input, so at any one moment there will be some Quantity of one order or another left on the plate. In other words, there are no guaranteed established commitments of the same price or same Quantity of the Sell/ Buy order.

#### Bulk Order Input Method B

At the moment of the input bulk order’s registration plate, a check will be performed to see if it can be completed at the full indicated Quantity, and as the following shows, in case it does not turn into a complete deal, the said bulk order input’s orders (2 orders) will lapse, and it will be an error order.

1. in cases other than continuous sessions
2. when plate shifting is combined with the system
3. when there are other prioritized orders on the plate
4. when the plate shifting does not occur and a special hint or notification is being displayed

However, in the bulk order input method B, even if the plate registration check for the conditions above does not turn into an error, there are cases when it may not result in a complete deal, so please pay attention.

⇒ “Bulk Order Input B Method’s Case G/H”



If the input Bulk Order is received normally by the central system, regarding the 2 orders made, a “Order Received Notification” will be output.

In case the input bulk order returns an error during the receipt check at the central system, only the first order of the 2 (the order designer as Sell/ Buy input), either “New order error notification” or “First order error notification” (in case it was ordered from the bulk orders input window), will be output.

In case the following errors are returned during the registration plate check of the input bulk order at the central system, for each of the 2 orders made, a “New order Error notification” will be output.

- In case the bulk order was made using Method B, the plate state from the ordering will give an failed trade, and will expire
- In case the bulk order was made using the opening price condition and Method A, the opening price would have already been decided at the time the order is placed

<p>&lt;In the case of Bulk Order Method B&gt;</p>	<p><input checked="" type="checkbox"/> The order as given by the Bulk Order Method B  <input type="checkbox"/> Other Orders</p>
<p>A</p> <p style="text-align: center;">15003  <input type="checkbox"/> 15002  15001  15000 <input type="checkbox"/>  <input checked="" type="checkbox"/> 14999 <input checked="" type="checkbox"/> ⚡  14998  14997</p> <p>Error: There are other prioritized orders ahead of the bulk order.</p>	<p>B</p> <p style="text-align: center;">15003  <input type="checkbox"/> 15002  15001  15000  <input checked="" type="checkbox"/> 14999 <input type="checkbox"/> <input checked="" type="checkbox"/> ⚡  14998  14997</p> <p>Error: There are other prioritized orders ahead of the bulk order.</p>
<p>C</p> <p style="text-align: center;">15003  <input type="checkbox"/> 15002  15001 <input type="checkbox"/>  15000 K  <input checked="" type="checkbox"/> 14999 <input checked="" type="checkbox"/> ⚡  14998  14997</p> <p>Error: There are other prioritized orders ahead of the bulk order, and there is an alert sign displayed.</p>	<p>D</p> <p style="text-align: center;">15003  15002  <input type="checkbox"/> 15001  <input checked="" type="checkbox"/> 15000 <input checked="" type="checkbox"/> ⚡  14999 <input type="checkbox"/>  14998 K  14997</p> <p>Error: The is an alert sign displayed.</p>
<p>C</p> <p style="text-align: center;">15003  <input type="checkbox"/> 15002  15001  <input checked="" type="checkbox"/> 15000 <input checked="" type="checkbox"/> ⚡  14999 <input type="checkbox"/>  14998  14997</p> <p>Versus said trade establishment</p>	<p>D</p> <p style="text-align: center;">15003  15002  <input type="checkbox"/> 15001  <input checked="" type="checkbox"/> 15000 <input checked="" type="checkbox"/> ⚡  14999 <input type="checkbox"/>  14998 <input type="checkbox"/>  14997 <input type="checkbox"/></p> <p>Versus said trade establishment</p>
<p>G</p> <p style="text-align: center;">15003  15002  <input checked="" type="checkbox"/> 15001 <input checked="" type="checkbox"/> ⚡  15000  14999 K  14998 <input type="checkbox"/>  14997</p>	<p>H</p> <p style="text-align: center;">15003  <input type="checkbox"/> 15002  <input checked="" type="checkbox"/> 15001 <input checked="" type="checkbox"/> ⚡  15000 K  14999 <input type="checkbox"/>  14998 <input type="checkbox"/>  14997 <input type="checkbox"/></p>
<p>In case only the first of the 2 orders of the bulk orders input displays a special alert or notification, while that notification will be shown for a certain Quantity of time, the     part (Market price included) will be registered to the order, and because the said order and the first order of the bulk order input's 2 orders have the contract established first, there are cases where the resulting trade does not turn into a complete one.</p>	

9-3-2 Bundle Orders Entry for Sell & Buy from New Order Entry Window

You can bundle-entry for sell & buy orders from (multiple) new order entry Windows as is the case with previous terminals.

9-3-2. 1 Points to remember in bundle-entry of sell & buy orders from (multiple) new order entry Windows

- ◇ Bundle entry of orders can be made by entering “7” (Bundle Order Entry Method A) or “9” (Bundle Order Entry Method B) in “Handling Terms” field.
- ◇ The description of opposite buy (sell) order to be automatically entered immediately after bid sell (buy) order when input shows opposite bid for sell/buy and all items other than Internal Number and Administration Item are identical.
- ◇ If specifying the Internal Number when input, the Internal Number is to be attached to the sell (buy) order bid when input and is not be attached to the opposite buy (sell) order, thus, the order number shall be used for bidding in cancellation/alteration of order.
- ◇ For the Administration Item, enter the following values according to self/commissioned combinations of 2 orders to be sent by bundle order entry:
  - “0”: (sell order) commissioned, (buy order) commissioned
  - “9”: (sell order) self, (buy order) self
  - “1”: (sell order) commissioned, (buy order) self
  - “8”: (sell order) self, (buy order) commissioned

9-3-2. 2 How to Operate

1. Display (multiple) new order entry Windows.
  - “9-2-2 Order from New Order Entry Window”
  - “9-2-3 Multiple Order from New Order Entry Windows”
2. Enter “7” (bundle order entry method A) or “9” (bundle order entry method B) in “Handling Terms” field and then fill in “Price”, “Quantity” and other items fields.
3. “Submit”.

New Order Entry		
Selection of Brands:		
Long-Term Government Bonds: 012	(01)	(9): Enter “7” or “9” in “Handling Terms” field
Terms: *Open:2 Closing:4 Cancelled:6	(9)	
Sell/Buy: *Sell:1 Buy:3	(3)	(8): Enter “0”, “1”, “8” or “9” according to self/commissioned combinations of 2 orders to be sent.
Price: *Market: 0	(13022)	
Quantity:	(100)	
Internal No. (	)	
Administration: *Self: 9 Commissioned: 0	(8)	
Limit: *Release: 9	(Illegible)	
	Submit Cancel	
	Value KB OK	

### 9-3-3 Bundle Orders Entry for Sell & Buy from Bundle Order Entry Window

You can bundle-entry newly for sell & buy orders from “Bundle Order Entry Window” designed for bundle order entry.

#### 9-3-3.1 Points to remember in Bundle Orders Entry for Sell & Buy from Bundle Order Entry Window

- ◆ You can enter using Bundle Order Entry Method A with Handling Terms, “Opening”, “Closing” and “Cancellation”. For Bundle Order Entry Method, specify as follows in “Bundle Method” field:
  - ◇ “2”: Bundle Order Entry Method A with terms of opening  
Place a sequence of orders for sell/buy on the terms of opening with the same price and quantity.
  - ◇ “4”: Bundle Order Entry Method A with terms of Closing  
Place a sequence of orders for sell/buy on the terms of closing with the same price and quantity.
  - ◇ “6”: Bundle Order Entry Method A with terms of Cancellation  
Place a sequence of orders for sell/buy on the terms of cancellation with the same price and quantity.
  - ◇ “7”: Bundle Order Entry Method A
  - ◇ “9”: Bundle Order Entry Method B
- ◆ Individual Internal Numbers can be specified for sell/buy orders to be sent.
- ◆ Sell/Buy orders have Administration Items respectively, where, as is the case with ordinary new orders, you can specify either “9” (Self Order) or “0” (Commissioned Order) (specification of “1” and “8” might be added).

#### 9-3-3.2 Display of Bundle Order Entry Window

There are 2 following methods to display bundle order entry Window:

- ◆ Display by selecting “Multiple Orders”, Menu Item from Main Window
  1. In Menu Item from Main Window, select “Multiple Orders” → “1 Bundle Orders”.
  2. A Bundle Order Entry Window pops up where “Brand Name” and “Brand Registration No.” for brands to be operated in display operation (brands in the area indicated with a cursor) are set.
- ◆ Display from Shortcut Menu to be indicated by right-clicking over Board/Quote screen.
  1. Right-click over Board/Quote screen.
  2. Select “Bundle Orders” in the Shortcut Menu displayed.
  3. “Brand Name” and “Brand Registration No.” where right-clicked are to be set.  
⇒ “3-5 Display of Shortcut Menu by Right-Clicking”

\* If Bundle Order Entry Window is displayed, all the items other than “Brand Name” and “Brand Registration No.” are not to be automatically set, contrary to New Order Entry Window, enter all the items manually.

9-3-3.3 Items to Entry for Bundle Order Entry Window

<Vertical Bundle Order Entry Window>

Bundle Order Entry	
Selection of Brands:	
Long-Term Government Bonds: 012	(01)
Terms: *Open:2 Closing:4 Cancelled:6	(9)
A7 B9	
Sell/Buy: *Sell:1 Buy:3	(3)
Price: *Market: 0	(13022)
Quantity:	(100)
Internal Sell (	12345)
Buy (	54321)
Administration: *Self: 9 Commissioned: 0	Sell (9)
	Buy (0)
Limit: *Release: 9	(Illegible)
	<input type="button" value="Submit"/> <input type="button" value="Cancel"/>
Value KB OK	

<Horizontal Bundle Order Entry Window>

Bundle Order Entry	
Selection of Brands:	
Long-Term Government Bonds: 012 (01), Terms (9), Sell/Buy (3), Price (13022), Quantity (100)	
Internal, Sell (12345) Buy (54321)	
Administration, Sell (9) Buy (0) Limit (Illegible)	
	<input type="button" value="Submit"/> <input type="button" value="Cancel"/>
Value KB OK	

- ◆ Method Enter in Bundle Order Method. (required field)
  - ◇ Bundle Order Entry Method A with terms of Open: “2”
  - ◇ Bundle Order Entry Method A with terms of Closing: “4”
  - ◇ Bundle Order Entry Method A with terms of Cancellation: “6”
  - ◇ Bundle Order Entry Method A for Bundle Order Entry: “7”
  - ◇ Bundle Order Entry Method B for Bundle Order Entry: “9”

\* Long-Term Government Bonds Futures Spread Trade  
 Specification of Open A “2”, Closing A “4” and Cancellation A “6” disabled.  
 \* TOPIX Futures Spread Trade  
 Specification of Cancellation A “6” disabled.

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- ◆ Sell/Buy: Specify Sell or Buy (required field)
  - ◇ Sell: “1”
  - ◇ Buy: “3”
- ◆ Enter Order Price (required field)
  - ◇ Market Price: “0”
  - \* For the Spread Trade supported with zero/minus prices, it is handled as Limit Price, “0”, not Market Price.
  - ◇ Limit Price: Individual prices in entry unit for each Brand
  - ⇒ “Article 4 Commodity Trading”
- ◆ Quantity: Specify Order Quantity (required field)
- ◆ Internal: Enter the Numbers for Internal Processing by Sell/Buy Order, in given 20 digits.  
Assignment of Spaces (use of  key) enabled.
- ◆ Administration: Specify either Self or Commissioned by Sell/Buy Order (required field)  
Self: “9”, Commissioned: “0”
- ◆ Limit: Use for entry exceeding Entry Limit Quantity pre-set  
Release of Limit: “9”  
⇒ “6-5 Setup of Entry Limit Quantity in New Order Entry”

### 9-3-3.4 Submission of Entries in Bundle Order Entry Window

After entering necessary items in Bundle Order Entry Window, operate “Submit” by mouse or keyboard to transmit the description of orders input to the Central System.

- ◆ In case of an error detected by a terminal system when submitting, the error message is displayed in Messages lower in Bundle Order Entry Window.
- ◆ In the case of an error detected by the Central System upon receipt, the error notification is generated.
- ◆ The Window is closed once the description of entries has been transmitted to the Central System.

### 9-4 Correction (Cancellation/Modification) Order Entry

You can cancel new order or modify the content of order by placing a correction (cancellation/modification) order after sending new order.

A cancellation order and modification order shall be made through the same “Correction Order Entry Window”.

In addition, we are attempting to simplify the order operation for correction (cancellation/modification) by enabling automatic setup of numbers for orders to be corrected into Correction Order Entry Window through double-clicking the notification information in Notification View and responding information to queries related to orders.

#### 9-4-1 Handling of Correction (Cancellation/Modification) Order

- ◆ Just specifying Order No. or Internal No. enables specification of order to be corrected (cancelled/modified).
- ◆ When correcting (cancelling/modifying) order by only specifying Internal No., and multiple orders exist with the same brand and Internal No., determine single order to be corrected with the following 1~7 steps:

⑤	Market Order on Close	④
④	Market Order	③
③		②
②		①

- |  |
|--|
| <ol style="list-style-type: none"> <li>1. Sell Market Order</li> <li>2. Buy Market Order</li> <li>3. Sell Market Order on Close</li> <li>4. Buy Market Order on Close</li> <li>5. Limit Price Sell Order from Limit Down to middle price indicated on the Board in turn</li> <li>6. Limit Price Buy Order from Limit Up to Limit Down in turn</li> <li>7. Limit Price Sell Order from a price with single level higher than middle price indicated on the Board to Limit Up in turn</li> </ol> |
|--|

- ◆ For identical sell/buy orders with same price, correct (cancel/modify) the order latterly entered.
- ◆ For multiple orders with an identical Internal No., if each of them has different prices to sell/buy or order, specify the prices to sell/buy or order to correct (cancel/modify) as well when specifying the orders to correct by Internal No.
- ◆ For multiple orders with an identical Internal No., if even specifying the prices to sell/buy or order does not enable the identification of orders to correct, specify by Order No.
- ◆ Only valid orders can be corrected (cancelled/modified) while orders with Complete Volume are excluded.

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- ◆ When orders with special significance resulting in depth of market are corrected (cancelled/modified), correction (cancellation/modification) is allowed to the same quantity as the balanced quantity in price with special significance, but the portion exceeding the balanced quantity is to be executed, corrections (cancellations/modifications) can't be made. If this is the case, however, Internal No. and Administration Items shall be processed for modification.
- ◆ You can also correct (cancel/modify) the orders entered through this Terminal using previous Illegible/OP terminals and previous Illegible OP terminals.  
In addition, you can also correct (cancel/modify) the orders entered through previous Illegible/OP terminals and previous Illegible OP terminal using this Terminal.
- ◆ Once the corrected (cancelled/modified) orders entered have been received appropriately by the Central System, after processing corrections (cancellations/modifications), "Notification of Cancellation Results" for cancellation orders and "Notification of Modification Results" for modification orders are generated.
- ◆ If the corrected (cancelled/modified) orders entered are identified as erroneous orders by the Central System, "Notification of Cancellation Errors" for cancellation orders and "Notification of Modification Errors" for modification orders are generated.
- ◆ Handling of Cancelled Orders
  - ◇ In modifying the order quantity, enter the decreased quantity but it is not allowed to increase the quantity.
  - ◇ For the combinations of "Order Quantity + Handling Terms" and "Order Quantity + Order Price", single modification order can't cover both.
  - ◇ In case of error for any item among multiple items to modify combined, the modification of remaining items can't be processed.
  - ◇ Modification of Internal No. shall be made by replacing all the digits of Internal No. to be modified with newly-modified Internal No. Partial modification of Internal No. is not allowed.
  - ◇ For items not specifying the description to modify, the current specification shall be taken over.
  - ◇ If the description of order has been modified, if Handling Terms have been changed to Closing Terms or if changed from Closing Terms, the priority of order shall be located in the final position in order price after modification.
  - ◇ For directions for modification resulting in change of priority for order made through different terminal from that used to enter new order, the entry terminal for said order after modification shall be that used to place modification order. Thus, the indication of entry terminal when inquiring and "Notification of Execution" and "Notification of Expired Order" executed or expired after the modification shall be generated by the terminal for modification order entry.



Description of Modification		Entry Terminal
Modifications without change of priority	Reduction in Quantity / Modification of Handling Terms (cases not related to Terms of Closing) Modification of Internal No. / Modification of Administration Items	New Order Entry Terminal
Modifications with change of priority	Modification of Price / Modification of Handling Terms (changes from/to Terms of Closing)	Modification Order Entry Terminal

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9-4-2 Order from Correction Order Entry Window

9-4-2.1 Display of Correction Order Entry Window

There are the following 4 ways to display Correction Order Entry Window:

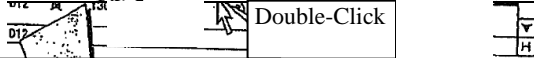
◆ Double-Click Notification View area.

→ If notifications of “Acceptance of Order”, “Execution” and “Modification Results” are displayed where double-clicked on Notification View area, “Name of Brand” and “Order No.” are to be automatically set.

\* For other notifications, only “Name of Brand” is to be automatically set, and for notifications not including names of brands, “Correction Order Entry Window” is to be displayed.

<Example for Automatic Setup by Double-Clicking Notification View Area>

New Long-Term Government Bonds 012	Buy	Market Price	10	9:01 ( 245/ )	Commissioned	▲
New Long-Term Government Bonds 012	Sell	13020	10	9:15 ( 301/ )	Self	
Executed Long-Term Government Bonds	Sell	13020	2 (Remaining 8)	3:15 ( 301/ )	Self	
Executed Long-Term Government Bonds	Buy	13015	5 (Remaining )	( / )	Self	▼
New Long-Term Government Bonds 012	Buy	Market Price	10	( / )	Commissioned	



Displays a Correction Order Entry Window

Information in the location double-clicked is to be automatically set

---

/Bundle Order Entry

Selection of Brands:

Long-Term Country: 012 (01)

Terms: \*Open:2 Closing:4 Cancelled:6 (9)

A7 B9

Sell/Buy: \*Sell:1 Buy:3 (3)

Price: \*Market: 0 (13022)

Quantity: (100)

Internal Sell ( 12345)

Buy ( 54321)

Administration: \*Self: 9 Commissioned: 0 Sell (9)

Buy (0)

Limit: \*Release: 9 (Illegible)

Value KB OK

Even after displaying Cancellation Order Entry Window, the setup description can be refreshed by double-clicking Notification View area again.

- ◆ When Notification View area is to be operated, click “Correction Order” in Menu Item or push “Correction Order Key” on the keyboard.
  - If notifications of “Acceptance of Order”, “Execution” and “Modification Results” are displayed where double-clicked on Notification View area, “Name of Brand” and “Order No.” are to be automatically set.
  - \* For other notifications, only “Name of Brand” is to be automatically set, and for notifications not including names of brands, “Correction Order Entry Window” is to be displayed.
  - \* If the Board/Quote display is to be operated, only “Name of Brand” and “Brand Registration No.” to be operated shall be automatically set.

<Example for Automatic Setup by Cursor Location on Notification View Area>

New Long-Term Government Bonds 012	Buy	Market Price	10	9:01 ( 245/ )	Commissioned	▲
New Long-Term Government Bonds 012	Sell	13020	10	9:15 ( 301/ )	Self	
Executed Long-Term Government Bonds	Sell	13020	2 (Remaining 8)	3:15 ( 301/ )	Self	
Executed Long-Term Government Bonds	Buy	13015	5 (Remaining )	( / )	Self	▼
New Long-Term Government Bonds 012	Buy	Market Price	10	( / )	Commissioned	

Click “Correction Order” in Menu Item or push “Correction Order Key”.

Displays a Correction Order Entry Window

Information in the indicating location of cursor is to be automatically set

**Bundle Order Entry**

Selection of Brands:

Long-Term Government Bonds: 012 (01)

Terms: \*Open:2 Closing:4 Cancelled:6 (9)

A7 B9

Sell/Buy: \*Sell:1 Buy:3 (3)

Price: \*Market: 0 (13022)

Quantity: (100)

Internal Sell ( 12345)

Buy ( 54321)

Administration: \*Self: 9 Commissioned: 0 Sell (9)

Buy (0)

Limit: \*Release: 9 (Illegible)

Submit Cancel

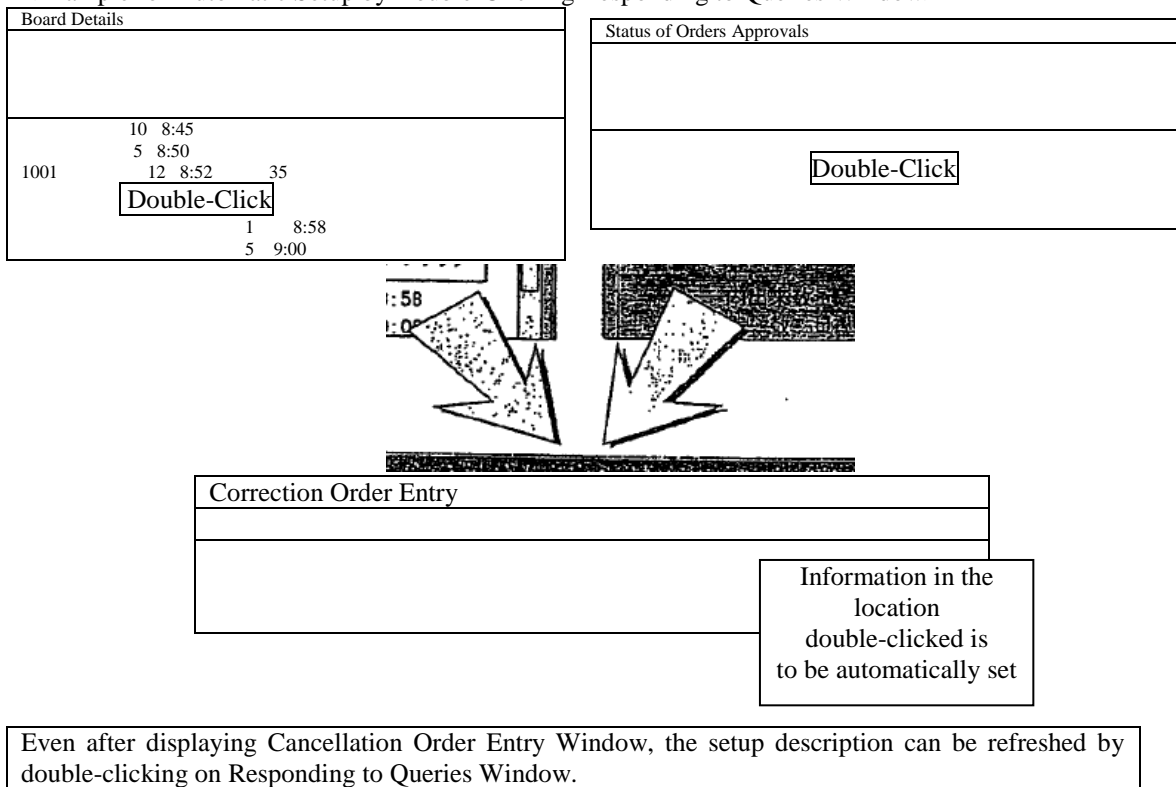
Value KB OK

Even after displaying Cancellation Order Entry Window, the setup description can be refreshed by focusing back to Main Window in Notification View area and redoing the same operation after moving the cursor location.

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- ◆ Double-click on Responding to Queries Window related to orders as follows:
  - ◇ Indication field of Responding Information on Responding to Queries on Board Details Window
    - If your company’s order information is displayed where double-clicked, “Name of Brand” and “Order No.” for the said order information are to be automatically set.
    - If other company’s order information is displayed where double-clicked, only “Name of Brand” is to be automatically set.
  - ◇ Indication field of Responding to Queries on List of Company Valid Orders (in the time-order to receive) Queries
    - “Name of Brand” and “Order No.” for order information where double-clicked are to be automatically set.
  - ◇ Responding to Queries on History of Order Execution, Responding to Queries on Status of Orders Approvals
    - “Name of Brand” and “Order No.” for order information responded are to be automatically set.

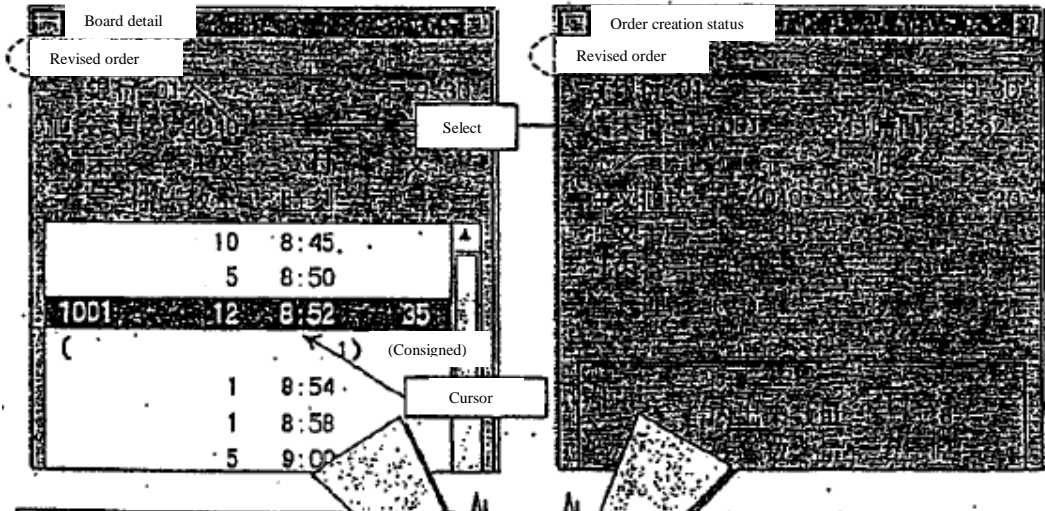
<Example for Automatic Setup by Double-Clicking Responding to Queries Window>



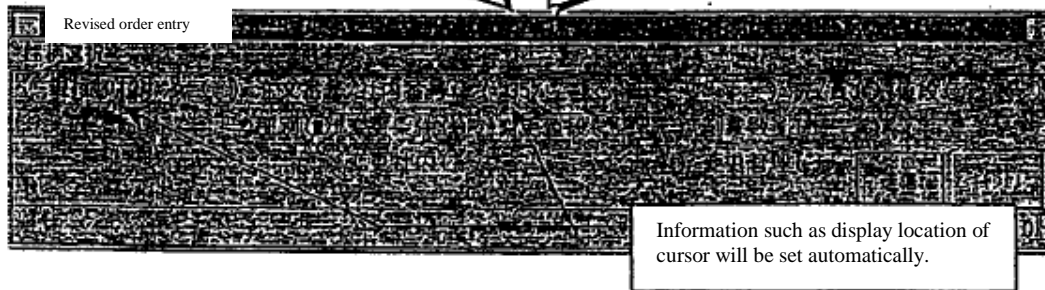
▶ Select “revised order” in the menu bar of the following order related inquiry response window.

- ◇ Inquiry response window regarding board detail
  - When one’s company’s order information is displayed on the cursor display position of the response information column, “issue name” and “order number” of an applicable order information will be automatically set.
  - When the information is of another company, only “issue name” will be automatically set.
- ◇ Inquiry response window regarding list of one’s company’s effective order (in order of time received)
  - “Issue name” and “order number” of order information of the part where a cursor is displayed will be automatically set.
- ◇ Inquiry response window regarding order contract history and order creation status
  - “Issue name” and “order number” of order information responded to will be automatically set.

<Example of automatic setting through double clicking inquiry response window>



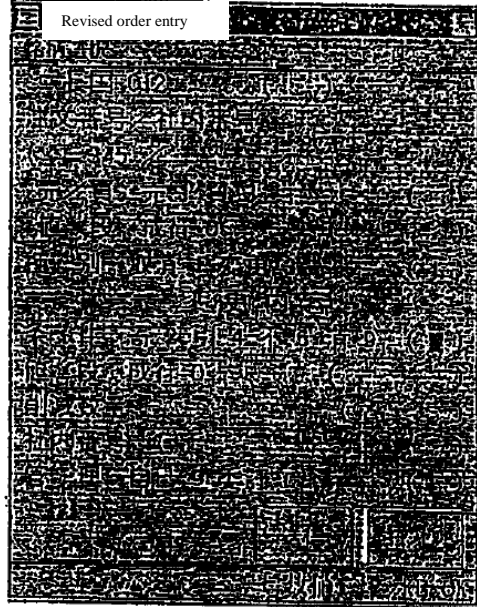
Click “revised order” or press “revised order key” of the menu bar item of inquiry response window.



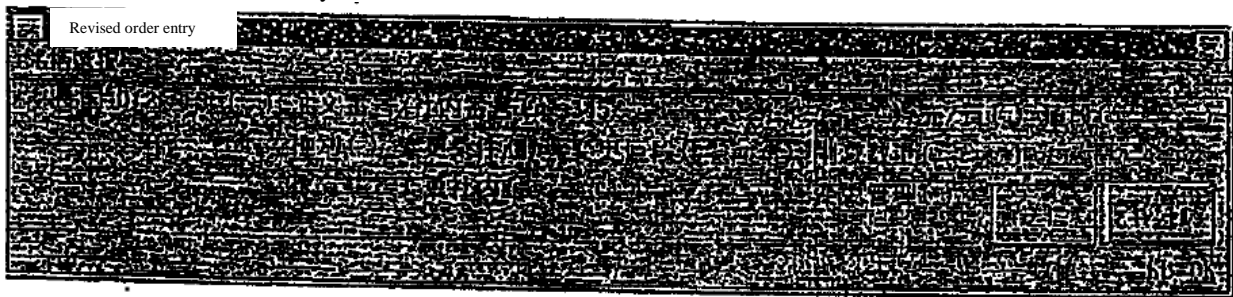
Set up detail can be updated even after displaying revised order entry window by returning focus back to inquiry response window and repeating the same control after moving cursor location and such.

9-4-2.2 Entry item of revised order entry window

<Vertical revised order entry window>



<Horizontal revised order entry window>



<Eligible revised order selection column>

Eligible revised order can be selected simply through the selection of either order number or internal number. However, selection can also be made where sell/buy and order prices are combined.

- ▶ Order number Enter “order number” or “internal number” for eligible revised order. **(Required entry item)**
- /Internal number \* “Error will show up when “order number” and “internal number” are selected simultaneously.
- \* Please make your selection using order number if specifying an eligible revised order through internal number is impossible in case multiple entries are made with orders using the same internal number.

- ▶ Sell/buy                    Enter sell or buy for the eligible revised order.  
                                   ◇ Sell: “1”  
                                   ◇ Buy: “3”
  
- ▶ Order price                Enter order price for the eligible revised order.
  
- ▶ Revision type             Enter revision type. (Required entry item)  
                                   ◇ Cancellation: “1”  
                                   ◇ Modification: “3”

<Modification detail entry column>

When changing order (when entering “3” for the above revision type), error will show up if there are no entries for the following modification detail.

Further, existing selection will be used for items in which modification details are not selected.

- ▶ Modification conditions    Enter execution conditions after modification.  
                                   ◇ Opening                : “2”  
                                   ◇ Closing                : “4”  
                                   ◇ Only at closing : “6”  
                                   ◇ Cancel conditions : “9”
  
- ▶ Modified order Price        Enter order price after modification.  
                                   ◇ Market price: “0”  
                                   \* In case of spread transaction for which there is zero/negative price,  
                                   response, limit price will be regarded as “0” instead of as market price.  
                                   ◇ Limit price: Each price of entry unit of price of each issue  
                                   → “Chapter 4 Trading Products”
  
- ▶ Reduced quantity            Enter order quantity to be reduced.
  
- ▶ Modified internal Number    Enter number for one’s company’s internal processing after modification with arbitrary  
                                   20 digit.  
                                   Space selection (use the  key.) is possible as well.
  
- ▶ Modification control        Enter either self/consigned after modification.  
                                   ◇ Self: “9”  
                                   ◇ Consigned: “0”

○ Sending entry detail of revised order entry window

Entered order detail will be sent to central system by executing “send” command by using a mouse or a keyboard after entering required item into revised order entry window.

- ▶ When a terminal system detects an error during transmission, error message will be displayed in the lower message display column of revised order entry window.
- ▶ Error notice will be outputted when an error is detected by central system after transmitting to central system.
- ▶ Window will be deleted when entry detail is sent to central system.



9-4-3 Placing orders from multiple revised order entry windows.  
Maximum of 4 revised orders (cancellation/modification) can be entered from multiple revised order entry windows simultaneously.

9-4-3.1 Things to keep in mind when entering orders from multiple revised order entry windows

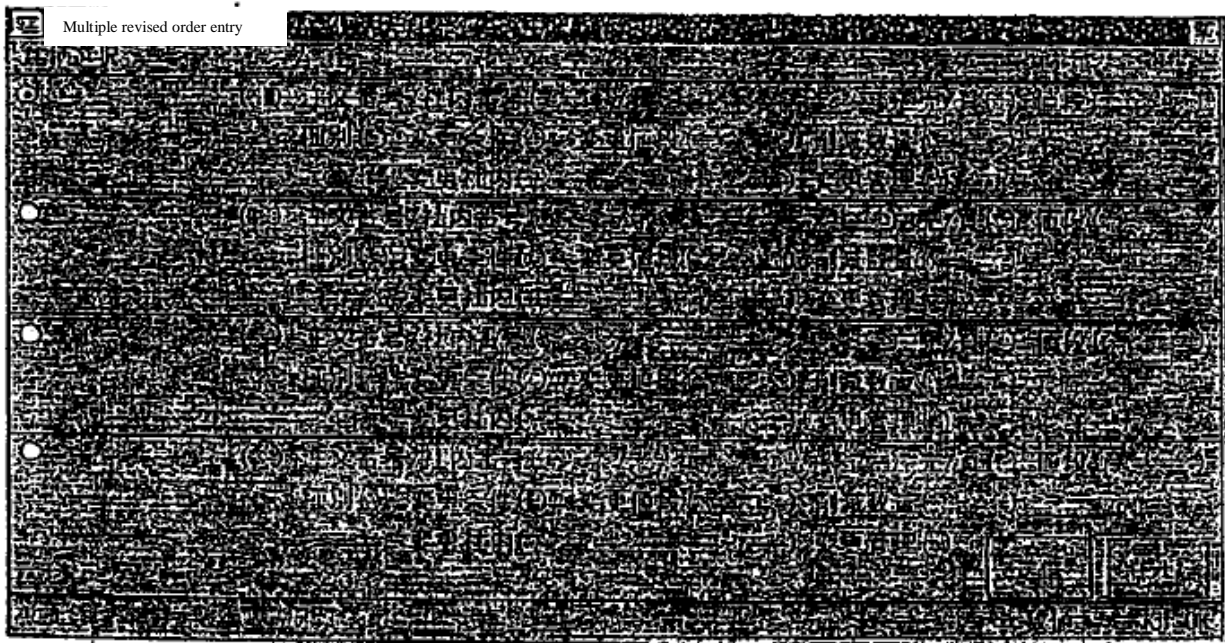
▶ Maximum of 4 revised orders (cancellation/modification) can be entered from multiple revised order entry windows simultaneously in a single control. However, multiple orders will not be entered all at once, but in succession in order starting from the top of the entry area.

▶ If an error is detected through the terminal system in any one of the multiple orders entered when placing multiple orders from multiple Revision entry window, transmission will not be completed for the other orders.

9-4-3.2 Display of multiple revised order entry window

New order entry window can be displayed through the following method.

(1) Select in the following order from the menu bar of the main window.  
“Multiple order” → “4 multiple revision”



9-4-3.3 Entry of order data into multiple revised order entry window

Multiple revised order entry window will be displayed in a condition in which entry item of issue name and such is not set up. Therefore, issue name and such will be entered in each area after displaying the applicable window.

▶ Selection of issue name setting applicable area

In setting up issue name, it is necessary to select an area to be used for setting up issue name within the 4 order entry areas in advance. This selection is executed through selecting radio button on the top of issue name display column, similarly to multiple new order entry window.

→ “9-2-3 Entry of order data into multiple new order entry window”

▶ Entry of issue name and such

The following 4 methods are available for entry method of issue name and such.

Further, entry item of individual order is the same as revised order entry window.

▶ Double clicking notice display area

(1) By double clicking the line where order related notice (excludes error notice) of notice display area is displayed, the “issue name” and “order number” of the notice displayed in the double clicked line will automatically be set in the setting applicable area within multiple new order entry window.

→ “9-4-2 a Displaying revised order entry window”

(2) Execute entry into the remaining entry item.

▶ Double clicking specific inquiry response window

(1) By double clicking specific order related inquiry response window, the “issue name” and “order number” of the response information displayed in the response window to applicable order related inquiry will be automatically be set in the setting applicable area within multiple new order entry window.

→ “9-4-2 a Displaying revised order entry window”

(2) Execute entry into the remaining entry item.

▶ Entry of issue registration number

(1) Enter issue registration number from “01” to “24” into “issue registration number entry column” of the area in which you would like to set up issue name within multiple new order entry window.

(2) At that point, “issue name” responding to issue registration number entered in registration page of board/quotation screen being displayed will be set up

→ “5-2-3 Modification of entry applicable issue”

(3) Execute entry into the remaining entry item.

- ▶ Select from “issue selection” in the menu bar item of multiple revised order entry window
  - (1) When issue name that you would like to set up is selected from “issue selection” in the menu bar item of multiple revised order entry window, issue name selected into the setup applicable area within multiple revised order entry window will be set up.
    - “5-2-3 Modification of entry applicable issue”
  - (2) Execute entry into the remaining entry item.

#### 9-4-3.4 Sending entry detail of multiple revised order entry window

Entered order detail will be sent to central system by executing “send” command by using a mouse or a keyboard after entering required item into multiple revised order entry window.

- ▶ When a terminal system detects an error during transmission, error message will be displayed in the lower message display column of multiple revised order entry window.
- ▶ Error notice will be outputted when an error is detected by central system after transmitting to central system.
- ▶ As for the multiple new revised order entry window, it will be deleted if entry detail is sent to central system.

9-5 Lump cancellation instruction

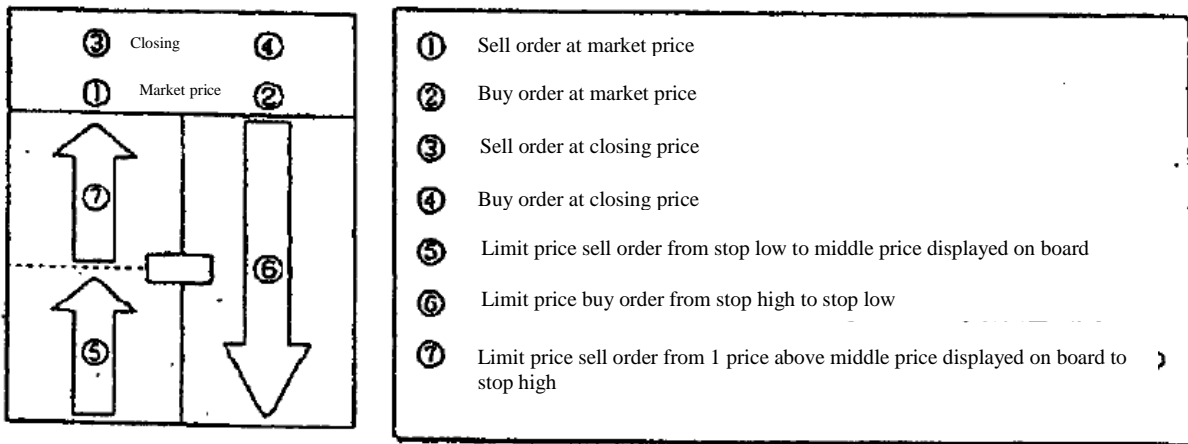
Lump cancellation instruction is an instruction to cancel up to the limit of “300 instances” of order entry or your companies order entry in terminal unit of selected issue all together.

9-5-1 Handling of lump cancellation instruction

▶ The maximum amount of orders that can be cancelled through lump cancellation is 300. Therefore, please repeat lump cancellation instruction when target order is over 300 instances.

▶ Lump cancellation instruction will target orders registered on board at the time that lump cancellation instruction is being received by central system. That is, it’s a process that will automatically generate cancellation order against orders registered on board. Therefore, order waiting to be processed or order in process at the time of reception will not be targets of lump cancellation instruction.

▶ Cancellation process of lump cancellation instruction is conducted in the following order.



▶ For same sell/buy and same price orders, cancellation will take place for orders entered first.

▶ Even in case an order becomes target of lump cancellation during the time lump cancellation instruction is received, cancellation cannot be executed for the applicable order if the target order is contracted or if the price modifications during processing in the above order. Further, error notice for the non-execution of the applicable cancellation will not be outputted.

▶ Lump cancellation instruction is a process of generating order cancellation automatically against target orders of lump cancellation and therefore, there may be cases in which cancellation process from lump cancellation instruction may be in-waiting if in case the order status is matched at the time of lump cancellation instruction.

▶ When executing lump cancellation instruction, due to the nature of cancellation process being executing in the above order, especially in the case of “Itayose method”, orders with high priorities will be cancelled first and during that time other target orders of lump cancellation will have a match and may be executed.

► In case the terminal in which new order was entered and terminal in which order modification was entered are different, for when executing lump cancellation instruction of all orders of selected issues entered from a specific terminal, entry terminal of target order is specified as follows.

Modification detail		Entry terminal
Modification without modification in priority	Quantity reduction, modification in execution conditions (in case closing conditions is not related), modification in internal number, modification in management item	Entry terminal for new order
Modification accompanied by modification in priority	Price modification, modification in execution conditions (modification in closing conditions and modification from closing conditions)	Entry terminal for order modification

- Not only your own terminal, but other terminal within one's company can be selected.
- As an entry terminal number, former/OP terminal can be selected and Lump cancellation instruction can be sent from this terminal.
- Lump cancellation instruction from this terminal cannot be executed selecting older OP terminal. However, the applicable order will be target of cancellation process when executing Lump cancellation instruction for one's company as a whole.
- When entered lump cancellation instruction is received normally by central system, "cancellation result notice" will be outputted for each order after the completion of cancellation process against target orders of lump cancellation.
- When error is detected in the check run by central system due to a mistake (entry of terminal number not existing in one's company) in entered terminal number by the entered lump cancellation instruction itself, "lump error notice" will be outputted.

9-5-2 Instruction from lump cancellation instruction entry window

Lump cancellation instruction is executed from “lump cancellation instruction entry window”.

9-5-2.1 Things to keep in mind when entering lump cancellation instruction

► Lump cancellation instruction is applicable up to the limit of “300 instances” of overall entered orders with a terminal unit or overall entered orders of one’s company against selected issue and whether to target entered orders of terminal unit or overall entered orders of one’s company as a whole for lump cancellation is selected in the “terminal number” entry column as follows.

◇ When cancelling entered orders of terminal unit

→ Select “entry terminal number” of terminal (includes supposed entry terminal (connection between system)) in which cancellation target orders were entered, in the “terminal number” entry column.

→ “2-1-3 Terminal number”

◇ When cancelling entered orders of one’s company as a whole (overall entry terminal selection (includes entered order through connection between system))

→ Select “0000” in “terminal number” entry column.

9-5-2.2 Displaying lump cancellation instruction entry window

The following 2 methods are the display method of lump cancellation instruction entry window.

► Display from selection of menu bar item “multiple orders” of main window.

(1) Select in the following order from the menu bar of main window.

“Multiple orders” → “3 Lump cancellation”

(2) Lump order entry window will be displayed and “issue name” and “issue registration number” of the issue (issue of area where cursor is displayed) that is the control target will be set up at the time of display control.

► Display from short cut menu displayed by the right click of the mouse on top of board/quotation screen.

(1) Execute right click of the mouse on top of board/quotation screen.

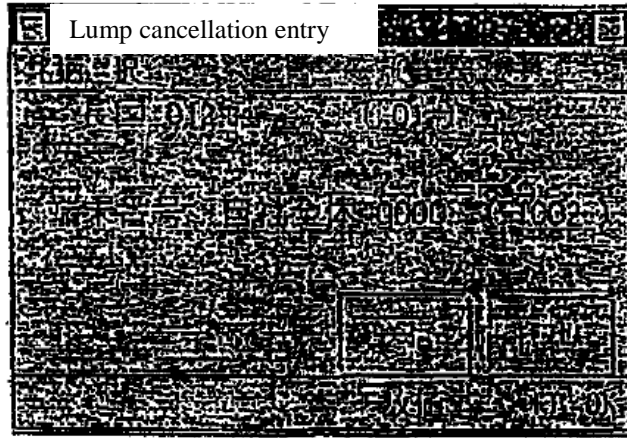
(2) Select “lump cancellation” within the short cut menu that will be displayed.

(3) “Issue name” and “issue registration number” of the location where the right click of the mouse was executed will be set up.

→ “3-5 Displaying short cut menu through the right click of the mouse”

## 9-5-2.3 Entry item of lump cancellation instruction entry window

&lt;Lump cancellation instruction entry window&gt;



- ▶ Terminal number      Select the target terminal to conduct lump cancellation. (Required entry item)
  - ◇ When cancelling order entry of terminal unit:  
“Entry terminal number (includes supposed terminal)”
  - ◇ When cancelling order entry of one’s company as a whole: “0000”

## 9-5-2.4 Sending entry detail of lump cancellation instruction entry window

Entered order detail will be sent to central system by executing “send” command by using a mouse or a keyboard after entering required item into lump cancellation instruction entry window.

- ▶ When a terminal system detects an error during transmission, error message will be displayed in the lower message display column of lump cancellation instruction entry window.
- ▶ Error notice will be outputted when an error is detected by central system after transmitting to central system.
- ▶ As for the lump cancellation instruction entry window, it will be deleted if entry detail is sent to central system.

## Chapter 10 Inquiry

### 10-1 Inquiry function

By and large, within the inquiry function, there are “inquiry regarding order information”, “inquiry regarding transaction status” and “inquiry regarding clearing information”.

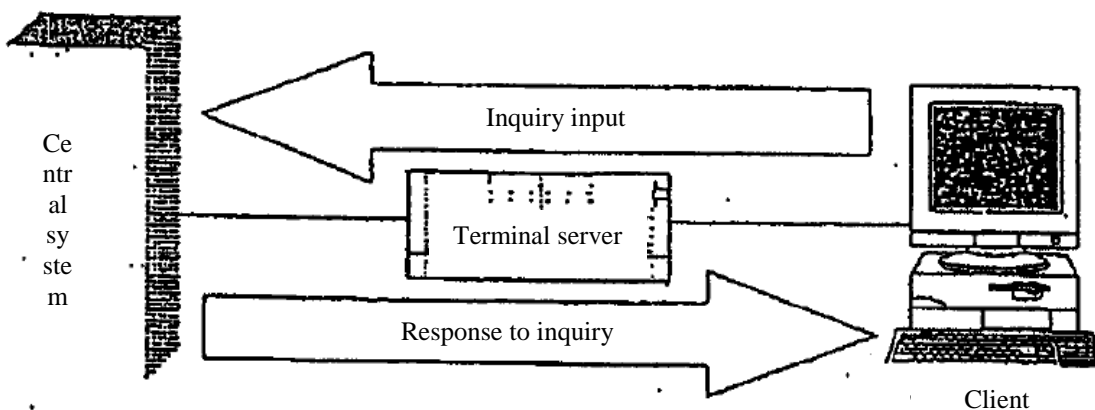
- ▶ Inquiry regarding order information
  - ◊ “Board detail”
  - ◊ “List of one’s company’s effective orders (in order of time received)”
  - ◊ “Order contract history”
  - ◊ “Order creation status”
- ▶ Inquiry regarding transaction status
  - ◊ “Contract status”
  - ◊ “List of information on large scale contract”
  - ◊ “Contract history”
  - ◊ “Precautionary information”
- ▶ Inquiry regarding clearing information
  - ◊ “List of clearing prices”
  - ◊ “List of deposit accounting standard pricing”
  - ◊ “Clearing information”

\*Inquiries will not be responded until shortening of depositing date and such are implemented.

Of the inquiries regarding the above order information, response to “list of one’s company’s effective orders (in order of time received)” and “order contract history” will be conducted through response information created by a terminal server, whereas other inquiries are responded to from the information from central server.

#### 10-1-1 Central system inquiry

In response to an inquiry instruction from a client, the central system will respond by creating a response information to the applicable inquiry.





10-1-2 Terminal server (data server) inquiry

Of the inquiries regarding order information, the following inquiries, in a response to an inquiry instruction from a client, will be responded to from a terminal server by creating a response information by searching through the notification information stored inside of a terminal server.

- ▶ “List of one’s company’s effective orders (in order of time received)” inquiry
- ▶ “Order contract history” inquiry

In regards to the above inquiries, multiple terminal servers exist and when multiple terminal servers exist within the same network, inquiry will be directed towards the terminal server that is setup as the “data server” (simply refer to as “data server” henceforth) no matter which terminal server’s clients the inquiry comes from.

All notifications related to orders and such entered from one’s company’s every entry terminal (includes supposed entry terminal (connection between system) and old terminals) will, in addition to being sent to the origins of entry, be sent to “data servers” (set to the youngest numbered “terminal server” within the terminal servers that are allowed to use for the applicable market) of each market. Therefore, “data server” will be storing all notifications related to applicable market of one’s company and thus inquiry regarding all information of one’s company can be made in regards to the above inquiry.

Furthermore, “notification search” and “notification print” of operational function will be processed in a similar manner



Inquiry of one’s company as a whole cannot be done in the following cases.

- ▶ When data server does not exist on the same network (such as when multiple servers are not connected in case transactional terminals are set up in multiple regions)

- ◊ In regards to the above inquiry, inquiry is directed toward “own terminal server” when data server does not exist on a same network.

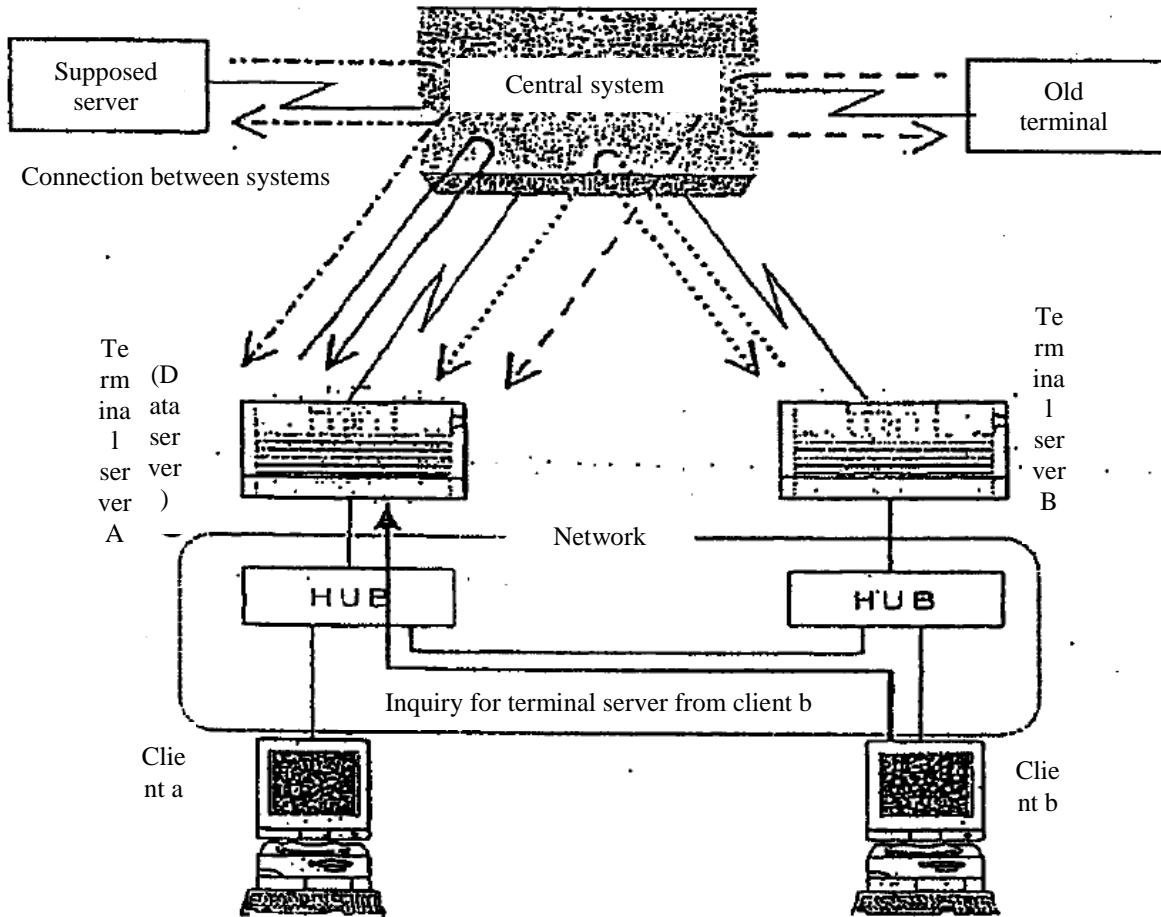
- \*The above inquiry response window will display whether the inquiry went to “data server” or “own terminal server”.

- ◊ In that case, if orders entered from terminal server’s clients are corrected from other terminal server’s clients and such, please note that the revision result notification will not be sent to own terminal server and thus a different information (revision result is not reflected) than the actual order detail will show up for the above inquiry.

- ▶ When data server is not set up as a destination for notification output for order entry and such from supposed server (connection between system)

- ◊ In regards to notification related to the applicable order entry, please note that it will not be sent to a data server and a different information than the actual order detail will show up for the above inquiry related to the applicable order entry.

- ◊ In order to send notifications for order entries and such from supposed server (connection between system) to data server, it is necessary to set one of the two possible notification destination set up in the telegram entry from supposed server to “data server”.



- ◆ Notification for order entry and such from "terminal server A" →
- ◆ Notification for order entry and such from "terminal server B" - - - - ->
- ◆ Notification for order entry and such from "supposed server (connection between" - - - - ->
- ◆ Notification for order entry and such from "former OP/older OP terminal" - - - - ->

◆ Further still, if data server becomes an obstacle, inquiry will be directed to own terminal server whereby the condition will be the same as not having a data server on a same network, and therefore there will be limitations for the above inquiry such as not being able to inquire about one's company as a while.

10-1-3 Displaying inquiry entry window

Each inquiry entry window will, when being newly displayed, be displayed initially in a set location as to not hide the information of control target issue, depending on the location of control target area within main window in a similar manner to order entry window.

Furthermore, inquiry entry window, in combination with related inquiry entry window, can be displayed only up to one at a time.

10-1-4 Displaying inquiry response window

As for inquiry response window, it will be displayed initially in a set location as to not hide information, depending on the location of control target area within main window and location of initial display of inquiry response window already displayed.

Furthermore, inquiry response window, in combination with related inquiry response window, can be displayed up to two at a time.

An error will show up when further entry control is performed while displaying two inquiry response window.

10-1-5 Displaying entry terminal number of effective order

Of the inquiry response information, current entry terminal number of the order will be displayed for inquiries “board detail”, “list of one’s company’s effective orders (in order of time received)” and “order creation status”, however, please note that there may be cases where different entry terminal number than entry terminal number of the applicable order handled by central system will be displayed for only the response to “list of one’s company’s effective orders (in order of time received)” if order detail is modified.

Modification detail		Entry terminal for central system	Entry terminal to be displayed for “list of one’s company’s effective order (in order of time received)”
Modification without accompanying modification in priority	Quantity reduction, modification in execution conditions (in case closing conditions is not related), modification in internal number, modification in management item	New order entry terminal	Modification order entry terminal
Modification with accompanying modification in priority	Price modification, modification in execution conditions (modification in closing conditions and modification from closing conditions)	Modification order entry terminal	Modification order entry terminal

\*For “list of one’s company’s effective order, entry terminal in which modification order was entered will be displayed as the entry terminal number regardless of whether modification in priority accompanied modification in order detail.

\*Further, same applies to the handling of selection of terminal number at the time of inquiry entry.

\*Entry terminal to be selected at the time of output of contract effective/ineffective notification, and Lump cancellation is the entry terminal for central system.

10-2 Board detail inquiry

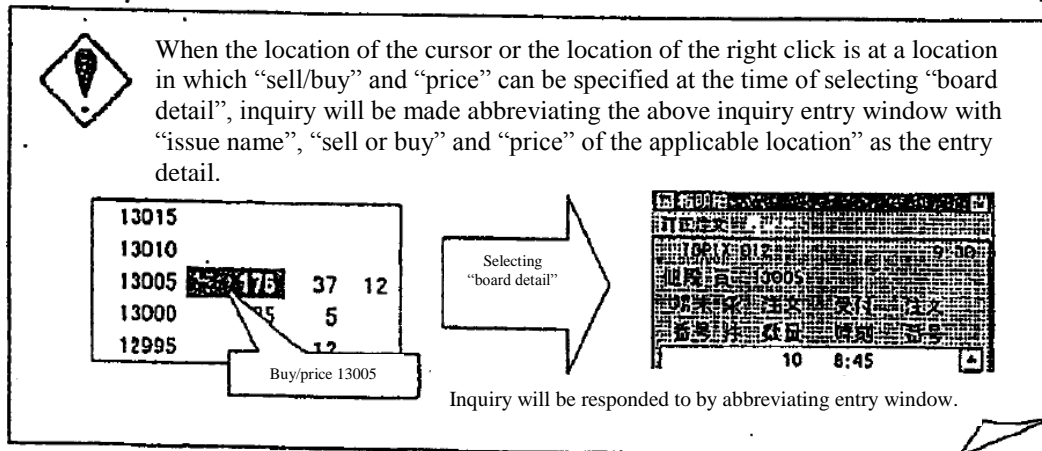
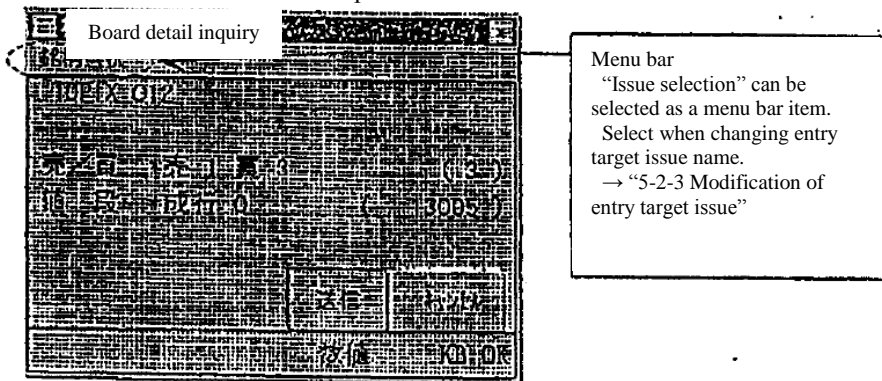
Effective orders registered on selected sell/buy and price board will be displayed in response in the order registered on board.

Of the response information, “order number”, “internal number” and “management item (separation of self/consigned)” will be displayed for one’s company’s order.

Further, when performing revisions of one’s company’s order displayed in response, issue name and order number of applicable eligible revised order can be automatically set to revised order entry window by double clicking response display column of one’s company’s order information.

10-2-1 Control method

- (1) Select “board detail”. The following three methods are available for selecting “board detail”.
  - ▶ Select from the menu bar of main window in the following order.  
“Inquiry” → “1 board detail”
  - ▶ Push “board detail key” on the keyboard.
  - ▶ Select “board detail” from the shortcut menu displayed by the right click of the mouse on board/quotation screen.  
→ “3-5 Displaying short cut menu through the right click of the mouse”
- (2) “Board detail inquiry entry window” will be displayed and “issue name” will be automatically set for the control target issue on the board/quotation screen, therefore “sell/buy” and “price” will be selected and “send” control will be performed.



10-2-2 "Board detail" inquiry response window

**Menu bar**  
 "Revised order" can be selected as a menu bar.  
 "Inquiry" cannot be selected initially.

**Selected price**  
 3005

**Time responded to inquiry**  
 09:30

Terminal number	Condi tions	Order volume	Time received	Order number
		10	8:45	
		5	8:50	
1001		12	8:52	35
( Consigned )				
		1	8:54	
		1	T8:58	
		5	9:00	
		100	T9:05	
		20	9:01	
		.2	9:02	
		6	9:02	
1002		20	9:02	160
( Self )				
1001		5	9:05	258
( Consigned )				

**Other company order**  
 The following items will be displayed for other company orders.  
 ▶ Execution conditions  
 ▶ Current effective order volume  
 ▶ Time order was received  
 \*If there was a revision for the applicable order, "T" will be added to the display of corrected time.

**One's company order**  
 The following items will be displayed for other company orders.  
 <1<sup>st</sup> line>  
 ▶ Entry terminal number (include supposed entry terminal)  
 ▶ Execution conditions  
 ▶ Current effective order volume  
 ▶ Time order was received  
 \*If there was a revision for the applicable order, "T" will be added to the display of corrected time.  
 ▶ Order number  
 <2<sup>nd</sup> line>  
 ▶ Internal number  
 ▶ Management item (self/consigned)

**Next page**  
 Update Close

**"Next page" message**  
 For "board detail" inquiry, order information of "65 instances" will be displayed in response to one inquiry.  
 Therefore, when there are over 66 instances of orders for selected price, "next page" message will be displayed to indicate information not displayed.  
 Further, "board detail" inquiry does not contained "previous page" inquiry function, therefore if you wish to display "previous page" information after displaying "next page" information, please repeat the inquiry control.  
 → "5-3-4 Inquiry of display information"

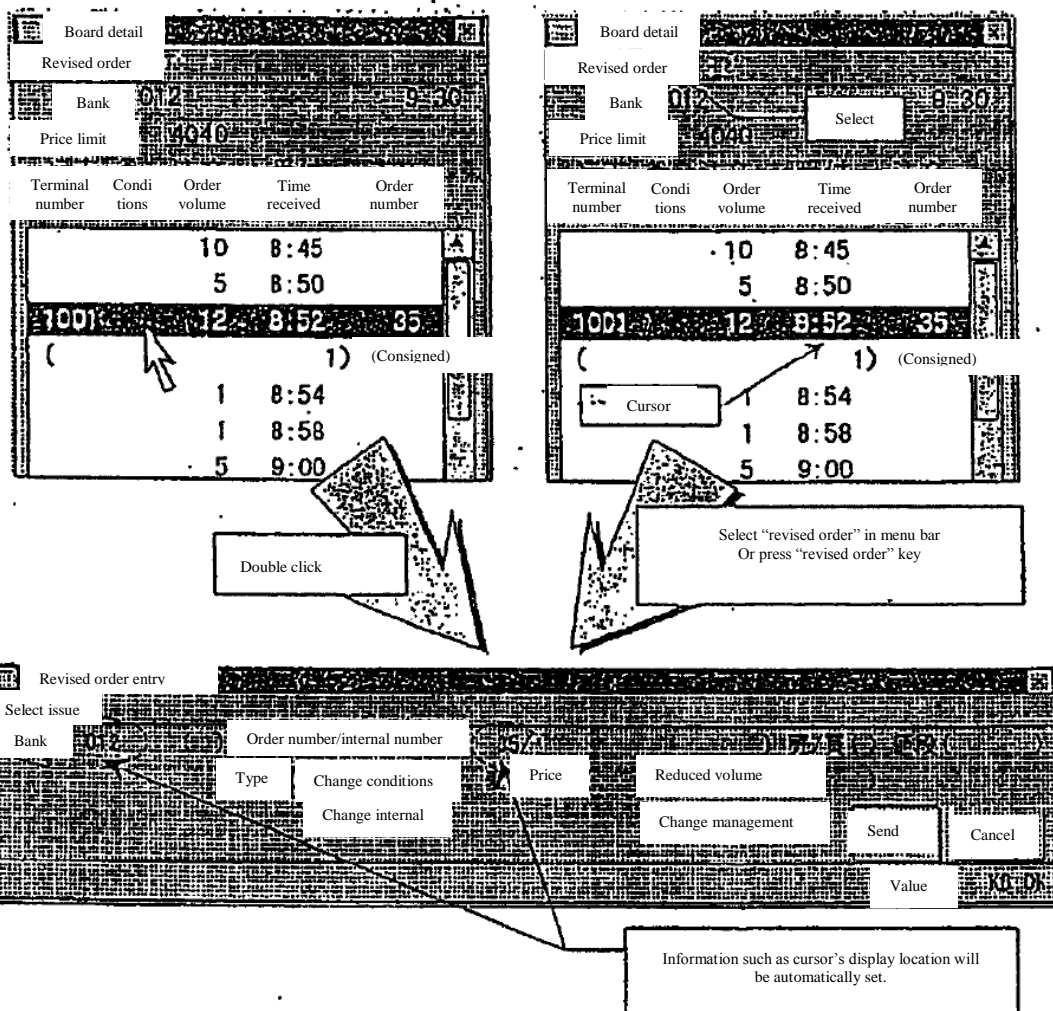
10-2-3 Entry of revised order from "board detail" inquiry response window

Revised order can be entered easily through the following method by utilizing response display information of "board detail" from "board detail" inquiry response window.

▶ Automatically set up "issue name" and "order number" of applicable one's company's order in the eligible revised order selection column by double clicking display location of one's company's order information on response display column and displaying "revised order entry window".

▶ Automatically set up "issue name" and "order number" of applicable one's company's order in the eligible revised order selection column by selecting (selecting "revised order" in the menu bar item of applicable window or pressing "revised order" key) "revised order" and displaying "revised order entry window" in case the cursor is located where one's company's order information is displayed on response display column.

\*Further still, in case of other company's order information instead of one's company's order information for the above method, automatically set up issue name only by displaying revised order entry window.



→ "9-4-2.1 Displaying revised order entry window"

10-3 List of one's company's effective order (in order of time received) inquiry

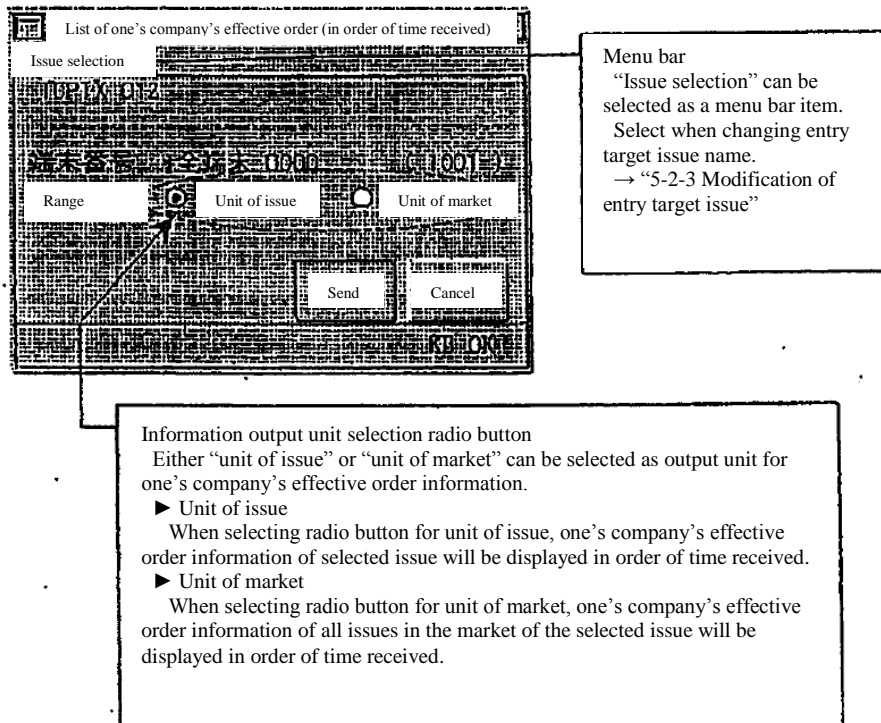
Effective order of one's company or entry terminal unit will be displayed in the unit of issue or the unit of market in order of time received.

Further, response information will be created by searching notification information within terminal server (data server) for the applicable inquiry.

→ "12-1-2 Terminal server (data server) inquiry"

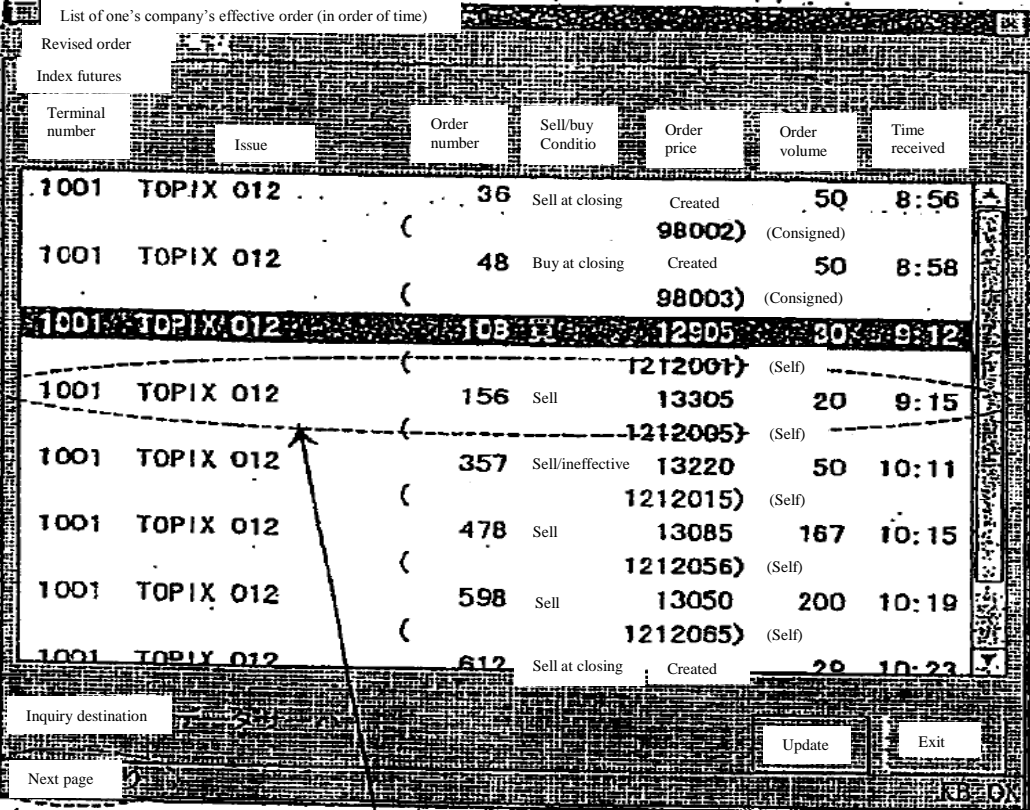
10-3-1 Control method

- (1) Select "List of one's company's effective order (in order of time received)". The following three methods are available for selecting "List of one's company's effective order (in order of time received)".
  - ▶ Select from the menu bar of main window in the following order.  
"Inquiry" → "2 List of one's company's effective order (in order of time received)" → "1 in order of time received)".
  - ▶ Push "effective order 1" on the keyboard.
  - ▶ Select "List of one's company's effective order (in order of time received)" from the shortcut menu displayed by the right click of the mouse on board/quotation screen.  
→ "3-5 Displaying short cut menu through the right click of the mouse"
- (2) "List of one's company's effective order (in order of time received) inquiry entry window" will be displayed and "issue name" will be automatically set for the control target issue on the board/quotation screen, upon which entry of "entry terminal number" (includes supposed entry terminal) and selection of "unit of issue" or of "unit of market" will be performed before "send" control will be performed.  
\*Own terminal number will be entered when sending without entering "terminal number entry column".



## 10-3-2 "List of one's company's effective order (in order of time)" inquiry response window

Menu bar  
 "Revised order" can be selected as a menu bar.  
 "Inquiry" cannot be selected initially.



Terminal number	Issue	Order number	Sell/buy Condition	Order price	Order volume	Time received
1001	TOPIX 012	36	Sell at closing	Created	50	8:56
				98002)	(Consigned)	
1001	TOPIX 012	48	Buy at closing	Created	50	8:58
				98003)	(Consigned)	
1001	TOPIX 012	108		12905	30	9:12
				1212001)	(Self)	
1001	TOPIX 012	156	Sell	13305	20	9:15
				1212005)	(Self)	
1001	TOPIX 012	357	Sell/ineffective	13220	50	10:11
				1212015)	(Self)	
1001	TOPIX 012	478	Sell	13085	167	10:15
				1212056)	(Self)	
1001	TOPIX 012	598	Sell	13050	200	10:19
				1212065)	(Self)	
1001	TOPIX 012	612	Sell at closing	Created	20	10:23

Message indicating information not displayed  
 For "List of one's company's effective order (in order of time)" inquiry, order information of "57 instances" will be displayed in response to one inquiry.  
 Therefore, when there are over 58 instances of orders for selected price, "next page", "previous page" and "previous/next page" message will be displayed to indicate information not displayed.  
 Further, when update inquiry control is performed, information of the page in display at that particular instance will be updated.  
 → "5-3-4 Inquiry of display information"

One's company's effective order information  
 <1<sup>st</sup> line>  
 ▶ Entry terminal number (include supposed entry terminal)  
 → "10-1-5 Displaying entry terminal number of effective order"  
 ▶ Issue name  
 ▶ Order number of effective order  
 ▶ sell/buy of effective order  
 ▶ Execution conditions of effective order  
 ▶ Order price of effective order  
 ▶ Order volume of effective order  
 ▶ Received time of effective order  
 \*If there was a revision for the applicable order, "T" will be added to the display of corrected time.  
 <2<sup>nd</sup> line>  
 ▶ Internal number of effective order  
 ▶ Management item of effective order (self/consigned)

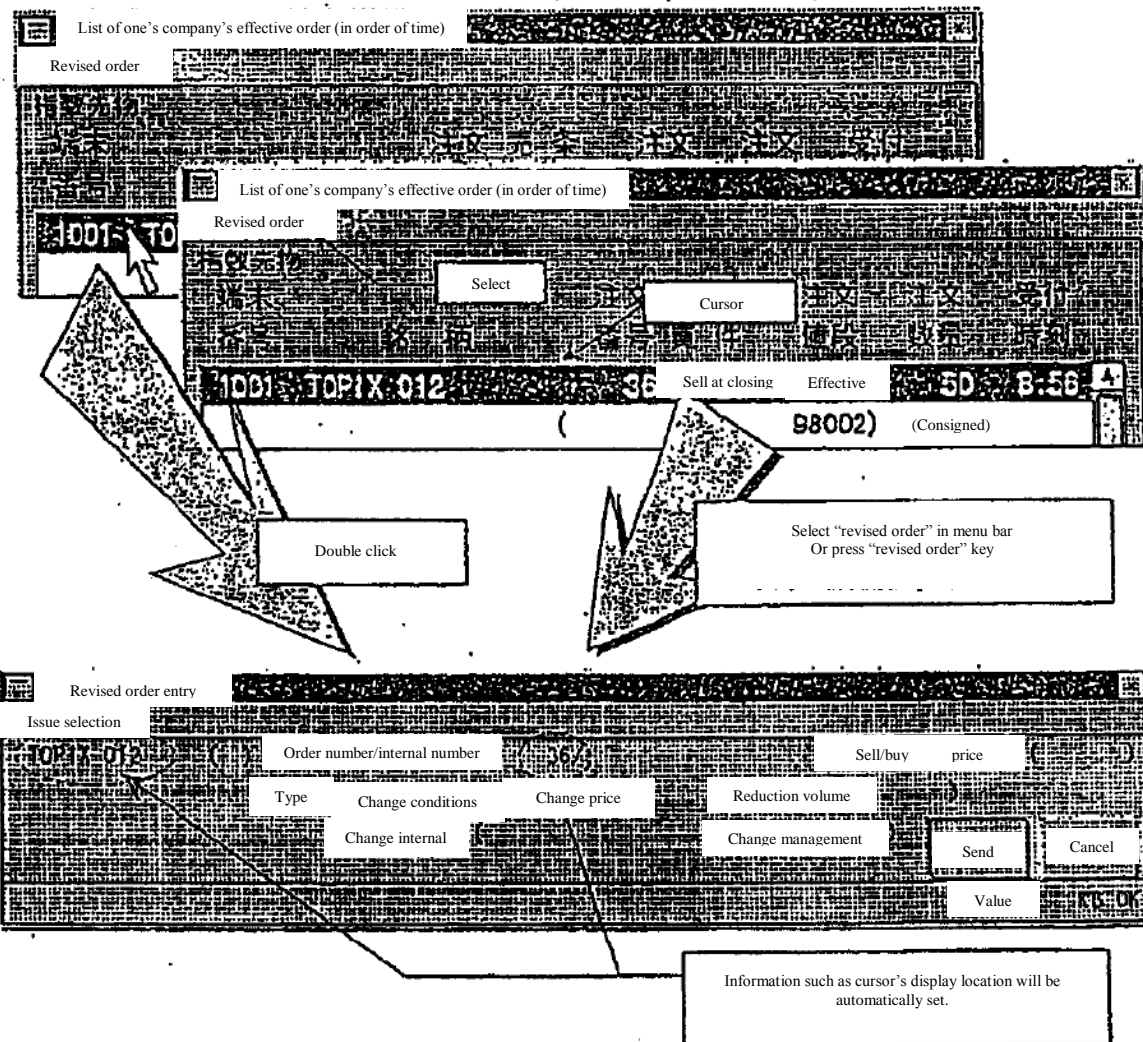


10-3-3 Entry of revised order from “list of one’s company’s effective order (in order of time)” inquiry response window

Revised order can be entered easily through the following method by utilizing response display information of “list of one’s company’s effective order (in order of time)” from “list of one’s company’s effective order (in order of time)” inquiry response window.

▶ Automatically set up “issue name” and “order number” of applicable one’s company’s order in the eligible revised order selection column by double clicking display location of one’s company’s order information on response display column and displaying “revised order entry window”.

▶ Automatically set up “issue name” and “order number” of order information of display location of cursor of response display column in eligible revised order selection column by selecting (selecting “revised order” in the menu bar item of applicable window or pressing “revised order” key) “order Revision” and displaying “revised order entry window”.



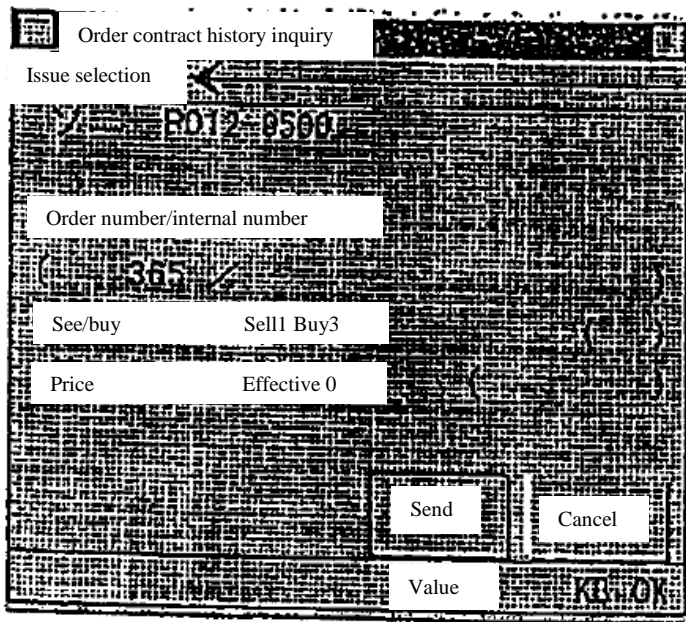
“9-4-2.1 Displaying revised order entry window”

## 10-4 Order contract history inquiry

Selected order contract, revision history and remaining order status will be displayed.  
 Further, response information will be created by searching notification information within terminal server (data server) for the applicable inquiry.  
 → “12-1-2 Terminal server (data server) inquiry”

## 10-4-1 Control method

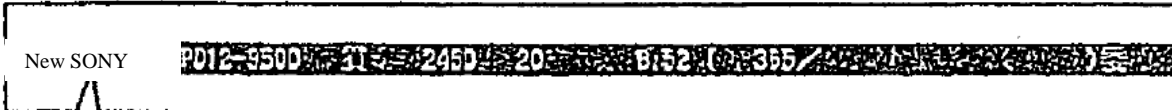
- (1) Select “order contract history”. The following three methods are available for selecting “order contract history”.
  - ▶ Select from the menu bar of main window in the following order.  
 “Inquiry” → “2 List of one’s company’s effective order (in order of time received)” → “1 Order contract history
  - ▶ Push “order history” on the keyboard.
  - ▶ Select “order contract history” from the shortcut menu displayed by the right click of the mouse on board/quotation screen.
 → “3-5 Displaying short cut menu through the right click of the mouse”
- (2) “Order contract history inquiry entry window” will be displayed and “issue name” will be automatically set for the control target issue on the board/quotation screen, upon which “order number” or “internal number” will be entered and “send” control will be performed.  
 \*Error will show up if “order number” and “internal number” are selected simultaneously.  
 \*\*Sell/buy” and “order price” are not required entry items. “Sell/buy” and order price will be entered when they can be used to specify applicable order in case there are multiple orders with the same internal number, similar to eligible revised order selection.



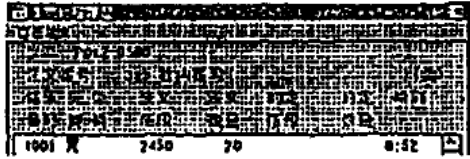
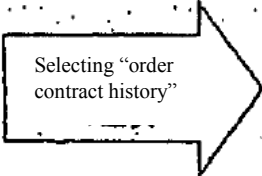
Menu bar  
 “Issue selection” can be selected as a menu bar item.  
 Select when changing entry target issue name.  
 → “5-2-3 Modification of entry target issue”



When the location of the cursor is at a location where notification for order is displayed and the control target area on the main window is “notification display area” at the time of selecting “order contract history” (not including selection by right clicking), inquiry will be made abbreviating the above inquiry entry window with “issue name”, “order number” of the applicable location” as the entry detail.



Order number 305



※ Inquiry will be responded to by abbreviating entry window.

## 10-4-2 "Order contract history" inquiry response window

Menu bar  
"Revised order" can be selected as a menu bar.

Terminal number	Sell/buy condition	Order price	Order volume	Contract price	Contract volume	Time
1001	Buy	2450	-20			8:52
	(			2450	5	9:00
	) (Consigned)					
1001	Modified	2650				9:10
	(			2550	1	9:10
	) (			2600	3	9:10
1001	Modified		-5	2650	1	9:11
	)					9:15
	Remaining buy	2650	5			

Inquired order information  
Order number of inquiring order, latest internal number and management item will be displayed.

New order information  
Entry detail at the time of new order entry will be displayed.

Order contract information  
When order is contracted, applicable contract detail ("contract price" and "contract volume") will be displayed.  
Further, in case of a spread trading, quotes for both delivery month (near maturity/long maturity) will be displayed below contract price.

Remaining order information  
"Remaining status of order" and "total volume contracted" will be displayed.

Revised order information  
In cases where order detail is corrected, detail of applicable Revision and such will be displayed.

- ▶ Entry terminal number (includes supposed entry terminal)  
Entry terminal number where revised order was entered will be displayed in the "terminal number column".
- ▶ Symbol by-type such as Revision  
"modification" for modification, "cancel" for cancellation and ineffective" for ineffective, will be displayed in the "sell/buy division column".
- ▶ Execution conditions after modification  
Execution conditions after modification will be displayed in the "conditions column". If conditions is cancelled, "cancel" will be displayed.
- ▶ Order price after modification, internal number after modification and management item after modification  
Order price internal number and management item after modification will be displayed in the respecting display column.
- ▶ Volume reduction and the like  
Reduction volume, cancellation volume and ineffective volume will be displayed in the "order volume column" with added "-" (minus symbol) in front of the volume.
- ▶ Time of Revision and the like  
Revision time of order will be displayed in the "time column". (Space in case of ineffective)

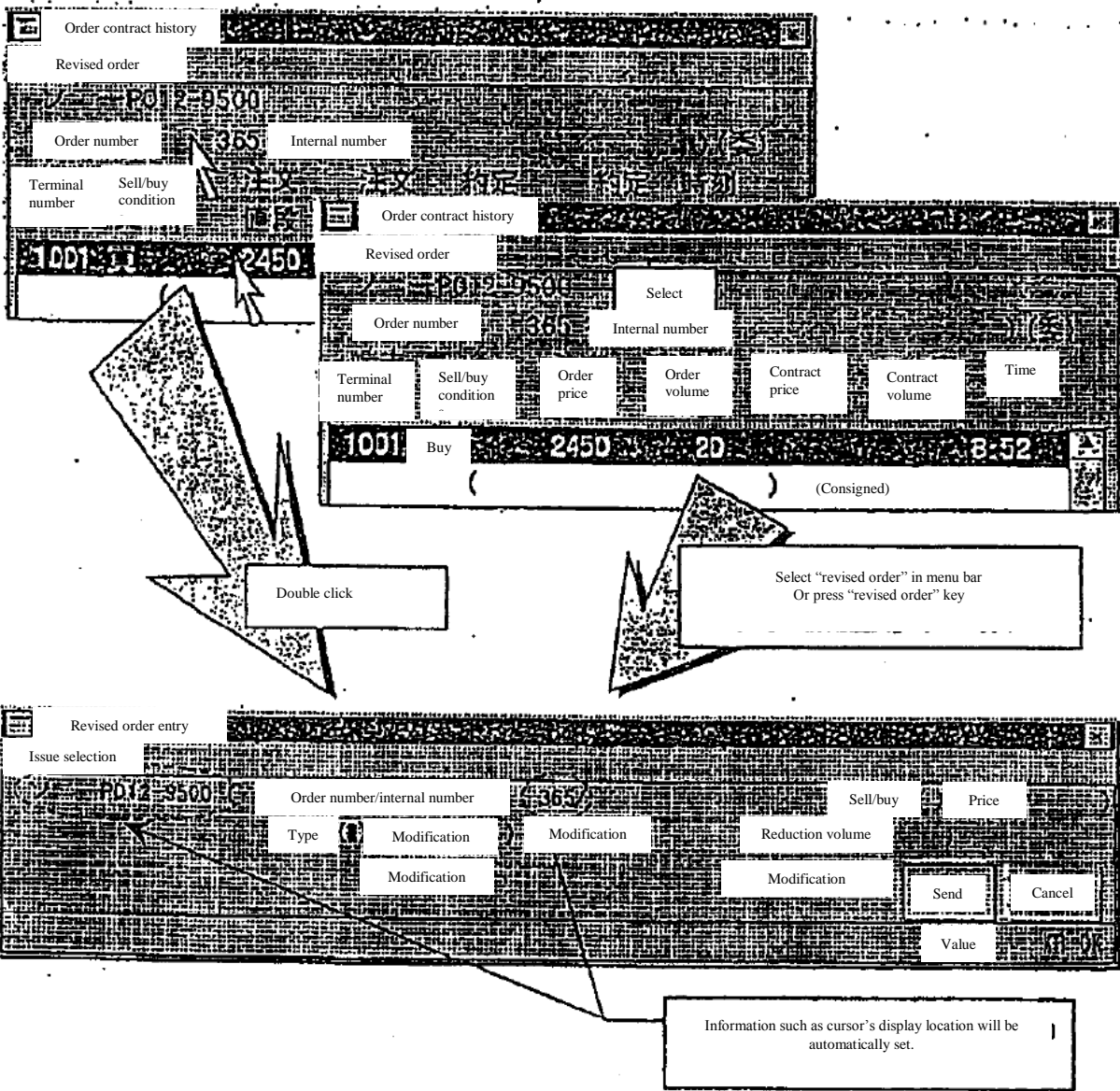
Inquiry destination data search

Update Exit

10-4-3 Entry of revised order from “order contract history” inquiry response window

Revised order can be entered easily through the following method by utilizing response display information of “order contract history” from “order contract history” inquiry response window.

- ▶ Automatically set up “issue name” and “order number” of applicable order information in the eligible revised order selection column by double clicking applicable window and displaying “order revision entry window”.
- ▶ Automatically set up “issue name” and “order number” of order information by selecting (selecting “revised order” in the menu bar item of applicable window or pressing “revised order” key) “revised order” and displaying “revised order entry window”.



→ “9-4-2.1 Displaying revised order entry window”

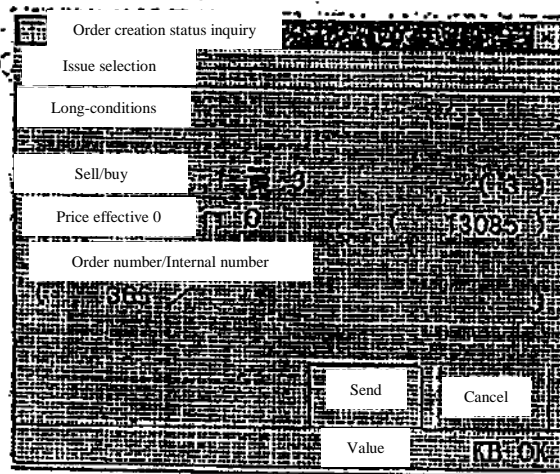
10-5 Order creation status inquiry

Creation status of selected order will be displayed.


10-5-1 Control method

- (1) Select from the menu bar of main window in the following order.  
 "Inquiry" → "3 one's company's contract information" → "2 Order creation status".
- (2) "Order creation status inquiry entry window" will be displayed and "issue name" will be automatically set for the control target issue on the board/quotation screen, upon which "sell/buy", "price" and "order number" or "internal number" shall be entered and "send" control will be performed.

\*Error will show up if "order number" and "internal number" are selected simultaneously.



Menu bar  
 "Issue selection" can be selected as a menu bar item.  
 Select when changing entry target issue name.  
 → "5-2-3 Modification of entry target issue"




When the location of the cursor is at a location where "order acceptance notification", "cancellation result notification" and "modification result notification" are displayed and the control target area on the main window is "notification display area" at the time of selecting "order creation status", inquiry will be made abbreviating the above inquiry entry window with "issue name", "sell/buy" "price" and "order number" of the order detail of the applicable notification as the entry detail.

New Long-conditions 012 11 130B5 20 8:52 ( 365

Buy/price 13005  
 Order number 365

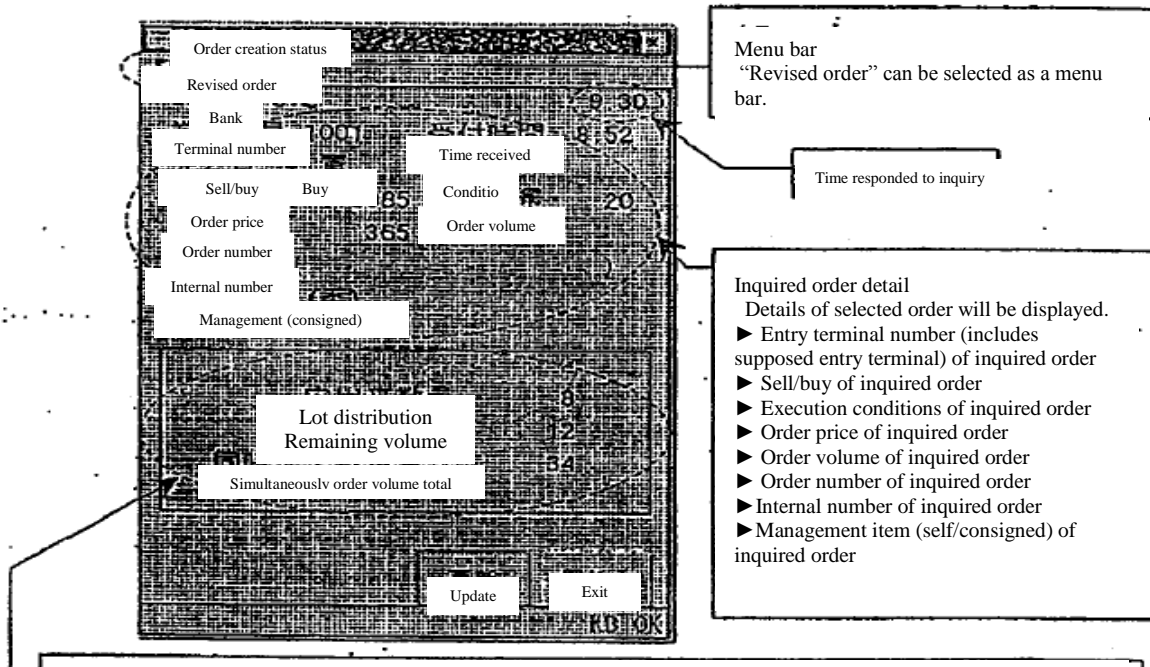
→

Selecting "order creation status"



✘ Inquiry will be responded to by abbreviating entry window.

10-5-2 “Order creation status” inquiry response window



Order creation status  
Creation status of inquired order will be displayed.

- ▶ Lot distribution volume column: lot distribution volume of selected order will be displayed. “—” will be displayed when there is no lot distribution.
- ▶ Remaining volume column: remaining order volume of selected order will be displayed. “—” will be displayed when there is no remaining volume.
- ▶ Response message column: The following message will be displayed.

Response message	Message detail
Priority volume total	Displayed when inquired order is that other than simultaneous order. Display order volume total of priority order than inquired order of the applicable price.
Creation required volume	Displayed when inquired order is a simultaneous order but the applicable price is not a highest priority quotation price. Display required corresponding volume for the contract creation for entire volume for the applicable order
Simultaneous order volume total	Displayed when inquired order is a simultaneous order but the applicable price is not a highest priority quotation price. Display simultaneous order volume total for the applicable order.
Board unregistered order	Displayed when inquired order is board unregistered regardless of order acceptance notification.
Entire volume contracted	Displayed when entire order volume of the inquired order is contracted.
Condition trading complete	Displayed when inquired order is an order with execution conditions and the trading under the applicable execution condition is already completed.
Revised/no remaining volume	Displayed when inquired order is already cancelled/modified and remaining order volume is non-existent under the applicable price.
Pre-halting order ineffective	Displayed when inquired order is an order entered pre-halting and is treated as ineffective after resuming.

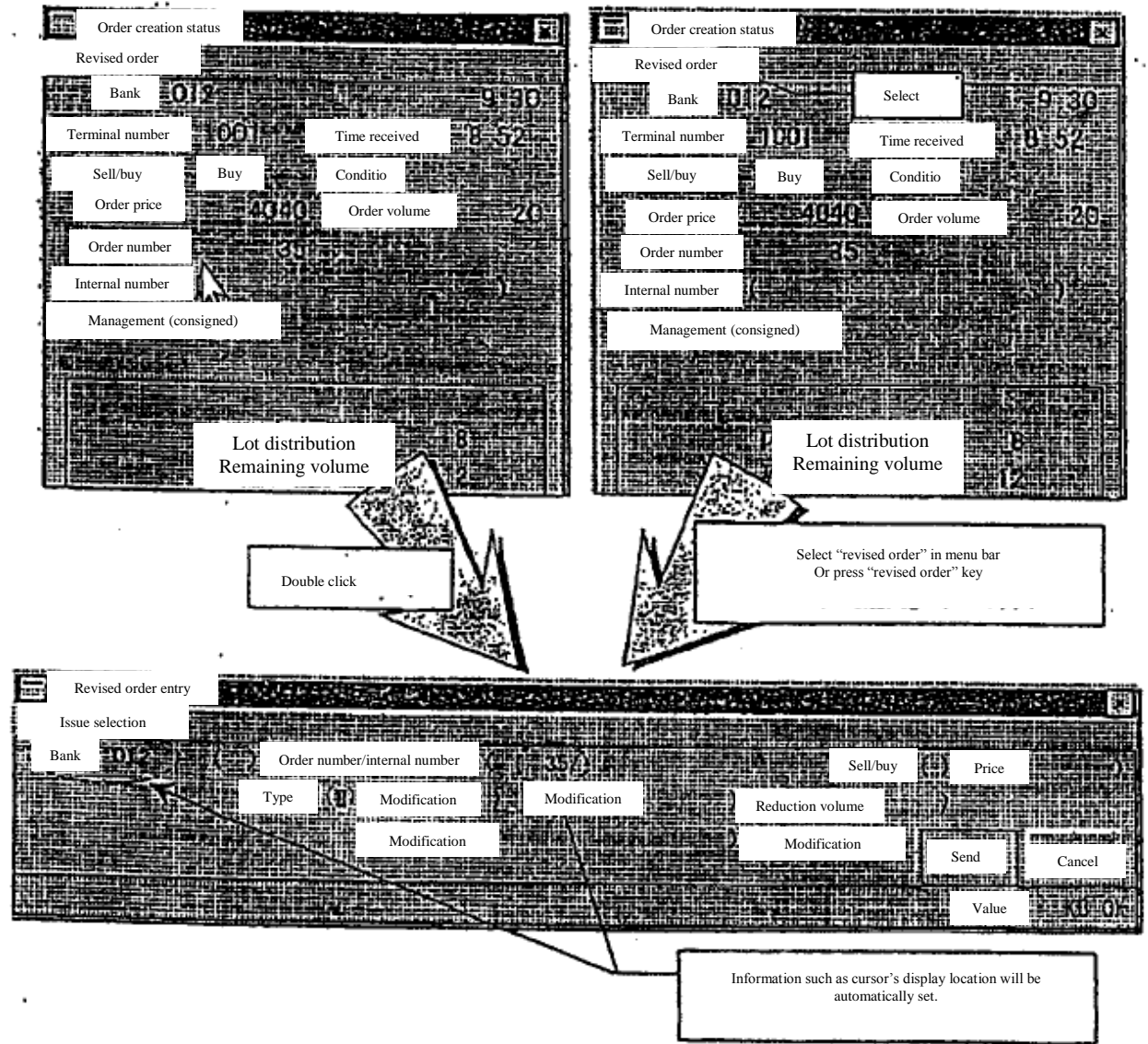
\*\*“Priority volume total”, “creation required volume” and “simultaneous order volume total” messages will not be displayed in the following cases

- ◇ Not during trading session (in case of “during Itayose”, “during halt in trade” or “not during trading hours”)
- ◇ When inquired order price is the same price or priority price to the displayed prices of special quotation or precautionary quotation.
- ◇ When inquired order is created order or order with execution conditions (excludes price order with ineffective conditions)

10-5-3 Entry of revised order from "order creation status" inquiry response window

Revised order can be entered easily through the following method by utilizing response display information of "order creation status" from "order creation status" inquiry response window.

- ▶ Automatically set up "issue name" and "order number" of applicable order information in the eligible revised order selection column by double clicking applicable window and displaying "order revision entry window".
- ▶ Automatically set up "issue name" and "order number" of order information by selecting (selecting "revised order" in the menu bar item of applicable window or pressing "revised order" key) "order revision" and displaying "revised order entry window".



→ "9-4-2.1 Displaying revised order entry window"



10-6 Contract status inquiry

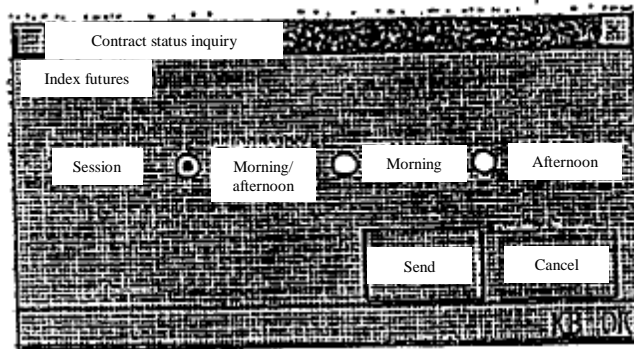
For futures contract, “contract quantity”, “contract amount” and “VWAP” of overall, sell/buy of one’s company by-issue (delivery month) will be displayed.

For the option exchange, “contract quantity” and “contract amount” by-issue (exercise price) and “contract quantity” and “contract amount” overall, sell/buy of one’s company by-issue (by put/call) will be displayed.

10-6-1 Control method

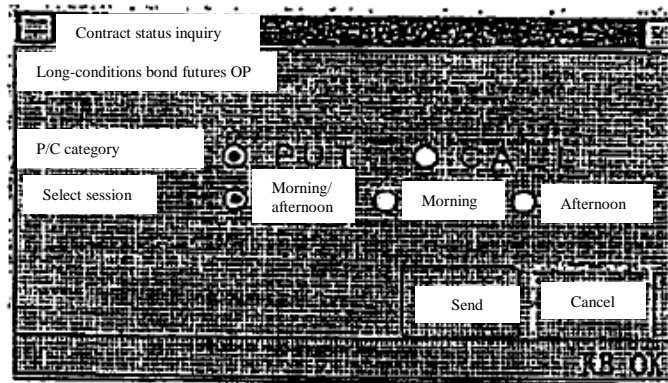
10-6-1.1 “Contract status” inquiry of futures contract

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “4 contract status”.
- (2) Select futures market (“1 bond futures” or “3 index futures”) from which contract status will be inquired from the sub menu list in which market will be selected.
- (3) “Contract status inquiry entry window” will be displayed in which aggregate unit of information will be selected, therefore please select radio button of either morning/afternoon session, morning session or afternoon session and perform “send”, thereby “contract status inquiry response window” for the applicable market will be displayed.



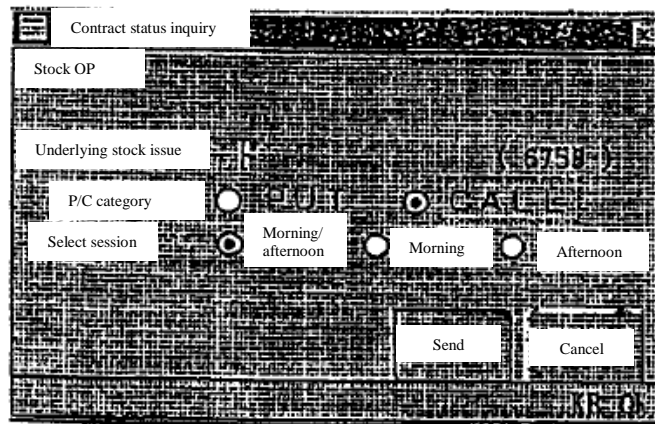
## 10-6-1.2 “List of contract status” inquiry of option trading other than stock option trading

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “4 contract status”.
- (2) Select options market (“1 bond futures OP” or “3 index OP”) from which contract status will be inquired from the sub menu list in which market will be selected.
- (3) Select the type of stock (“1 long-term bond futures OP” or “3 TOPIX OP”) from which contract status will be inquired from the sub menu list in which the type of stock will be selected.
- (4) “Contract status inquiry entry window” will be displayed in which aggregate unit of information and put/call will be selected, therefore please select radio button of either put/call and radio button of either morning/afternoon session, morning session or afternoon session and perform “send”, thereby “contract status inquiry response window” for the applicable type of stock (put/call) will be displayed.



## 10-6-1.3 “Contract status” inquiry of stock option trading

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “4 contract status”.
- (2) Select options market (“5 stock OP”) from which contract status will be inquired from the sub menu list in which market will be selected.
- (3) “Contract status inquiry entry window” will be displayed in which aggregate unit of information, put/call and entry of underlying stock code will be selected, therefore please enter underlying stock code of the applicable stock option in the “underlying stock code” entry column, select radio button of either put/call and radio button of either morning/afternoon session, morning session or afternoon session and perform “send”, thereby “contract status inquiry response window” of stock option for the applicable underlying stock will be displayed.



10-6-2 "Contract status" inquiry response window of futures contract

Type of stock selection tab  
Select the tab of type of stock to inquiry about.

Time responded to inquiry

Delivery month	Contract volume	Contract amount (¥1000)	VWAP
012 (Entire company)	10689	139,729,835	1307.7196
(Own sell)	538	7,044,830	1309.4490
(Own buy)	431	5,628,215	1305.8503
103 (Entire company)	1827	23,930,505	1309.8251
(Own sell)	300	3,929,500	1309.8333
(Own buy)	250	3,274,000	1309.6000
106 (Entire company)	3	39,460	1315.3333
(Own sell)	1	13,150	1325.0000
(Own buy)	1	13,150	1325.0000
109 (Entire company)	0	0	0.0000
(Own sell)	0	0	0.0000
(Own buy)	0	0	0.0000
112 (Entire company)	0	0	0.0000
(Own sell)	0	0	0.0000
Total (Entire company)	12519	183,699,800	
(Own sell)	839	10,987,480	
(Own buy)	682	8,915,365	

Update Exit

Information display column

- ▶ Delivery month and category (entire company, own sell, own buy)
- ▶ "Contract volume" by entire company portion, own sell and own buy  
Information at the time of inquiry will be display.
- ▶ "Trading contract amount" by entire company portion, own sell and own buy (not displayed for spread trading)
- ▶ "VWAP" by entire company portion, own sell and own buy (not displayed for spread trading)  
Information at the time the inquiry is made will be displayed for entire company portion and one's company's portion will be displayed after calculation processing after the end of each trading session, until such a time it'll remain a space.
  - ◇ For trading contract amount, bonds futures (excludes TB futures) and index futures will be displayed in "¥1000 units" and TB futures will be displayed in "\$1 units" down to first decimal place (1 cent units).
  - ◇ For VWAP, bonds futures (excludes TB futures) will be displayed down to third decimal place less than yen and index futures as well as TB futures will be displayed down to third decimal place less than 1 point.



For futures trading with spread trading, information with contract portion from spread trading added will be displayed as information of each delivery month of normal futures trading.



10-6-3 "Contract status inquiry response window" of option trading

**Contract status**  
Long-conditions OP morning/afternoon

Time responded to inquiry

Delivery month selection tab  
Select tab of delivery month to conduct inquiry.

Display column for information by-price to exercise right  
 ▶ Price to exercise right  
 ▶ Contract volume by-price to exercise right for entire company portion at the time of inquiry  
 ▶ Contract bill by-price to exercise right for entire company portion at the time of inquiry  
 ◇ This will be displayed in "¥1000 units" for bond futures options and index options.  
 ◇ This will be displayed in "¥ units" for stock options

Total by-delivery month information display column  
 Delivery month (by put/call) total of contract volume and contract bill for entire company, one's company's sell and one's company's buy will be displayed.  
 Information at the time the inquiry is made will be displayed for entire company portion and one's company's portion will be displayed after calculation processing after the end of each trading session, until such a time it'll remain a space.

Execution price	Contract volume	Contract amount (JPY)
126	0	0
127	0	0
128	26	37,440
129	10	8,500
130	1254	451,440
131	865	86,500
132	57	1,710
133	2	20
134	0	0
Total	2012	585,610
(Own sell)	67	24,720
(Own buy)	30	13,980
Total	5984	2,452,710
(Own buy)	122	52,180
(Own buy)	98	243,820

Update Exit

Total all-delivery month by put/call information display column  
 All-delivery month (by put/call) total of contract volume and contract bill for entire company, one's company's sell and one's company's buy will be displayed.  
 Information at the time the inquiry is made will be displayed for entire company portion and one's company's portion will be displayed after calculation processing after the end of each trading session, until such a time it'll remain a space.

※ In stock options, if there is exercise right in which transfer unit is adjusted in the displayed delivery month, price to exercise right in which transfer unit is adjusted will be displayed after price to exercise right of normal transfer unit.

Execution price	Contract volume	Contract amount (JPY)
8800	2	300,000
9000	1	395,000
9200	0	0
7273A	0	0
7455A	0	0
7636A	0	0
7818A	0	0

Price to exercise right in which transfer unit is adjusted will be displayed after price to exercise right of normal transfer unit.

10-7 List of information on large scale contract (option)

For options trading, traded quantity, current price and the like of issues in the top 20 in traded quantity for the day by-put/call and by-stock type will be displayed.

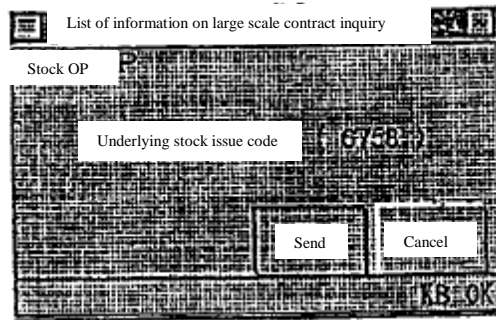
10-7-1 Control method

10-7-1.1 “List of information on large scale contract” inquiry of option trading other than stock option trading

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “5 other inquiries” → “1 list of information on large scale contract”.
- (2) Select options market (“1 bond futures OP” or “3 index OP”) from which information on large scale contract will be inquired, from the sub menu list in which market will be selected.
- (3) “List of information on large scale contract inquiry response window” of the applicable stock by-type will be displayed by selecting the type of stock (“1 long-term bond futures OP” or “1 TOPIX OP”) from which information on large scale contract will be inquired, from the sub menu list in which the type of stock will be selected.

10-7-1.2 “List of information on large scale contract” inquiry of stock option trading

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “5 other inquiries” → “1 list of information on large scale contract”.
- (2) Select options market (“5 stock OP”) from which information on large scale contract will be inquired, from the sub menu list in which market will be selected.
- (3) “List of information on large scale contract inquiry window” will be displayed in which entry of underlying stock code will be selected, therefore please enter underlying stock code of the applicable stock option in the “underlying stock code” entry column, and perform “send”, thereby “list of information on large scale contract inquiry window” of stock option for the applicable underlying stock will be displayed.



## 10-7-2 "List of information on large scale contract" inquiry response window

Time responded to inquiry

List of information on large scale contract

Bond futures OP

Long-term bond futures OP

Issue	Volume	Current price	Vs. previous day	Issue	Volume	Current price	Vs. previous day
012-131	3259	122	-005	012-132	5189	066	010
012-130	1589	022	-004	012-131	100	011	002
012-132	50	250	-008	012-130	00	144	009
012-129	40	338	-010	012-133	50	078	012
012-128	10	001	—	101-131	10	015	—
101-128	5	136	—	101-132	5	001	—
101-130	1	244	—				

Update Exit

Issues in the top 20<sup>th</sup> in trading volume for the day by put/call will be displayed.

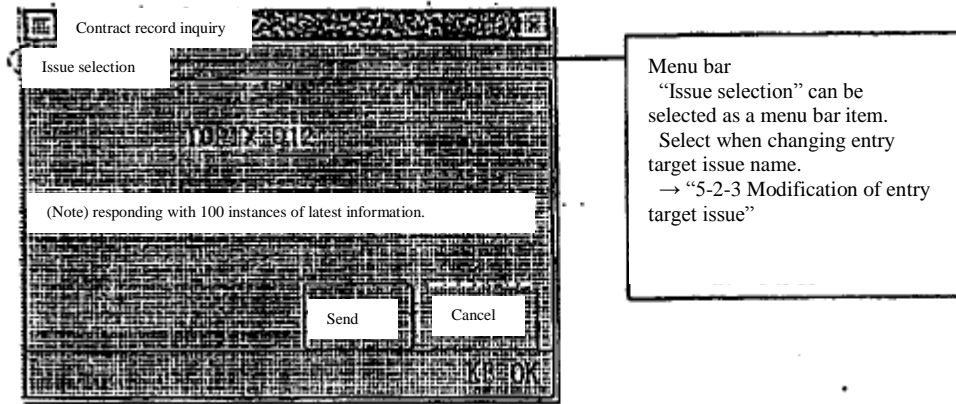
- ▶ Issue name  
"Delivery month" + "price for exercising right" will be displayed.  
\*For stock option trading, "delivery month" + "transfer unit adjustment number symbol" + "price for exercising right" will be displayed for issues with adjusted transfer unit.
- ▶ Trading volume  
Trading volume for the day will be displayed.
- ▶ Current price  
Current price is displayed.  
If current price is the closing price, "E" is displayed in front of the price.
- ▶ Vs. previous day  
Comparison of current price to previous day's price is displayed.  
"—" is displayed when comparison is not possible due to things like lack of previous day's contract price.

10-8 Contract record inquiry

The latest 100 instances of contract record (contract time, contract price and contract quantity) of selected issue will be displayed.

10-8-1 Control method

- (1) Select "contract record". The following two methods are available for selecting "contract record".
  - ▶ Select from the menu bar of main window in the following order.  
"Inquiry" → "5 other inquiries" → "3 contract record".
  - ▶ Select "board detail" from the shortcut menu displayed by the right click of the mouse on board/quotation screen.  
→ "3-5 Displaying short cut menu through the right click of the mouse"
- (2) "Contract record inquiry entry window" will be displayed and "issue name" will be automatically set for the control target issue on the board/quotation screen, therefore confirm issue selection and perform "send" control.  
\*Further still, when selecting "contract record" from shortcut menu displayed by the right click of the mouse on the board/quotation screen, inquiry response will abbreviate the following "contract record inquiry entry window" for issue displayed on the location of the right click.





10-8-2 "Contract record" inquiry response window

The screenshot shows a terminal window titled "Contract record" displaying a table of bond futures data. The table has columns for Time, Price, Yield, and Volume. The data is split into two sections by a break display. Callouts provide detailed explanations for specific elements: "Time responder to inquiry" points to the top of the window; "Yield" explains that yield is shown for each contract price; "Break display" notes that a dashed line and "-" indicate a session break; "Response information" lists the data fields shown (time, price, yield, volume) and their formatting; and "Latest information" points to the bottom of the table, stating that the most recent data is displayed there.

Time	Price	Yield	Volume
11:57	13065	2246	23
11:57	13055	2255	65
11:59	13050	2260	12
11:59	13055		
10:59	13055		10
11:00	Close 13050		122
12:30	Open 13050		245
12:30	13050		24
12:31	13055		12
12:31	13055		8
12:32	13055		1
12:33	13060		2
12:35	13075		2
12:35	13080		2
12:35	13075		2
12:35	13085		2
12:35	13075		2

**Time responder to inquiry**

**Yield**  
For Bond futures issue, yield for each contract prices is displayed.

**Break display**  
"-" is displayed for each item to show break between morning session and afternoon session.

**Response information**  
The following information will be displayed in response.  
 ▶ Contract time by-contract  
 ▶ Contract price by-contract  
 \* "Open" for opening price, "close" for closing price and "Ita" for price effective after Itayose during session will be displayed in front of the price.  
 ▶ Yield for contract price for bond futures issue only  
 ▶ Contract volume by-contract

**Latest information**  
When responding to inquiry, the latest information will be displayed in response in the lowest part of the response display column

10-9 List of clearing prices inquiry (futures)

Clearing prices for futures contract for the day will be displayed.  
 Clearing price inquiries will be responded to after the completion of clearing price calculation processing after completion of trading for the day.

10-9-1 Control method

- (1) Select from the menu bar of main window in the following order.  
 "Inquiry" → "5 other inquiries" → "2 list of clearing prices and such".
- (2) "List of clearing prices inquiry response window" of the applicable market will be displayed by selecting options market ("1 bond futures OP" or "3 index futures") from which clearing prices will be inquired, from the sub menu list in which market will be selected.

The screenshot shows a window titled "List of clearing prices" with a menu bar at the top. Below the menu bar are tabs for "Index futures" and "TOPIX futures". The main area contains a table with columns for "Delivery month", "Code", and "Clearing price".

Delivery month	Code	Clearing price
103	(164030005)	1310.50
106	(164060005)	1311.00
109	(164090005)	1312.50
112	(164120005)	1313.50
203	(165120005)	1314.00
103-106	(164030105)	
103-109	(164030205)	-
103-112	(164030305)	-
103-203	(164030405)	

At the bottom of the window, there is a field for "SQ" with a value of "1327.78(131.05)" and an "Exit" button.

Callouts from the image:

- Selection tab for type of stock**: Select a tab for type of stock to make an inquiry to.
- Time responded to inquiry**: Points to the top right corner of the window.
- Clearing price information**: "Delivery month", "issue code" and "clearing price on the day of the applicable delivery month" are displayed.
- Spread information**: For types of stock with spread trading, "delivery month" and "issue code" of spread trading will be displayed as a reference. (This is not specifically related to clearing price information)
- SQ (special clearing index)**: For index option, SQ will be displayed after SQ calculation of SQ (special clearing index) calculation day.

## 10-10 List of deposit accounting standard pricing (option)

List of deposit accounting standard pricing for option trading for the day will be displayed.  
List of deposit accounting standard pricing will be displayed in response after completion of deposit accounting standard pricing calculation processing after the completion of trading for the day.

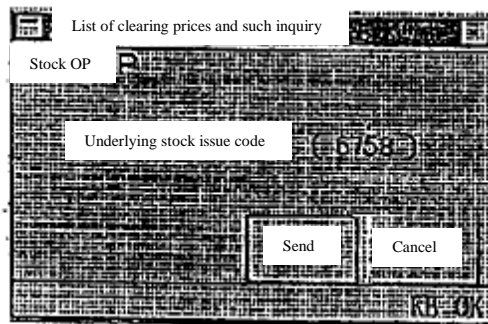
## 10-10-1 Control method

10-10-1.1 “List of deposit accounting standard pricing” of option trading other than stock option trading

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “5 other inquiries” → “2 list of clearing prices and such”.
- (2) Select options market (“1 bond futures OP” or “3 index OP”) from which deposit accounting standard pricing will be inquired, from the sub menu list in which market will be selected.
- (3) “List of deposit accounting standard pricing inquiry response window” of the applicable stock by-type will be displayed by selecting the type of stock (“1 long-term bond futures OP” or “1 TOPIX OP”) from which deposit accounting standard pricing will be inquired, from the sub menu list in which the type of stock will be selected.

10-10-1.2 “List of deposit accounting standard pricing” inquiry of stock option trading

- (1) Select from the menu bar of main window in the following order.  
“Inquiry” → “6 other inquiries” → “2 list of clearing prices and such”.
- (2) Select options market (“5 stock OP”) from which deposit accounting standard pricing will be inquired, from the sub menu list in which market will be selected.
- (3) “List of deposit accounting standard pricing inquiry window” will be displayed in which entry of underlying stock code will be selected, therefore please enter underlying stock code of the applicable stock option in the “underlying stock code” entry column, and perform “send”, thereby “list of deposit accounting standard pricing inquiry window” of stock option for the applicable underlying stock will be displayed.



10-10-2 "List of deposit accounting standard pricing" inquiry response window

Time responded to inquiry

133122005		123122005	
012-1225	(133122205)	012-1225	(123122205)
012-1250	(133122505)	012-1250	(123122505)
012-1275	(133122705)	05	012-1275 (123122705) 530
012-1300	(133123005)	05	012-1300 (123123005) 280
012-1325	(133123205)	05	012-1325 (123123205) 25
012-1350	(133123505)	220	012-1350 (123123505)
012-1375	(133123705)	470	012-1375 (123123705)
012-1400	(133124005)	—	012-1400 (123124005)
012-1425	(133124205)	—	012-1425 (123124205)
101-1250	(134032505)	—	101-1250 (124032505)
101-1275	(134032705)	—	101-1275 (124032705)
101-1300	(134033005)	—	101-1300 (124033005) *325
101-1325	(134033205)	—	101-1325 (124033205) 25
101-1350	(134033505)	255	101-1350 (124033505)
101-1375	(134033705)	+525	101-1375 (124033705)
101-1400	(134034005)	—	101-1400 (124034005)
101-1425	(134034205)	—	101-1425 (124034205)

SQ (special clearing index)  
 For index option, SQ will be displayed after SQ calculation of SQ (special clearing index) calculation day.

Deposit accounting standard pricing information  
 Deposit accounting standard pricing of all issues of the applicable option trading will be displayed.

- ▶ Issue name  
 "Delivery month" + "transfer adjustment number symbol" (for stock option only) + "price of exercising right"
- ▶ Issue code
- ▶ Deposit accounting standard pricing
  - ◊ Will be displayed after completion of deposit accounting standard pricing calculation processing after the completion of session for the day.
  - ◊ "—" will be displayed in case deposit accounting standard pricing does not exist for the applicable issue.
  - ◊ Revision symbol "\*" will be displayed in front of the price when revision has been performed.

## 10-11 Query of Order Information

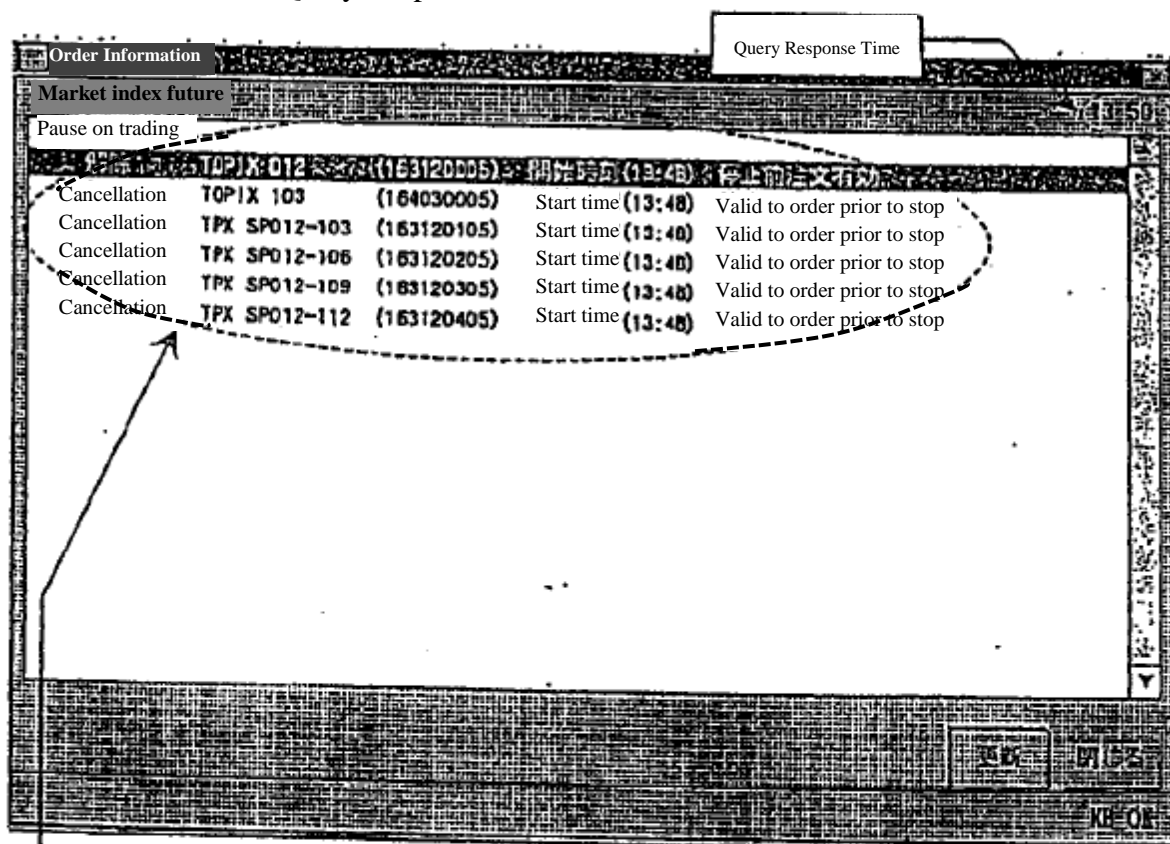
It displays the transaction order items such as stopping or changing of the limit value width.

Furthermore, for the issue names with order information, the related message is displayed on the board /indication screen.

### 10-11-1 Method of Operation

- ① Select from the menu bar of main window in the order of “Queries” → “5 Other Queries” → “8 Order Items”.
- ② By selecting the market to perform the order item query from the sub-menu list to do market selection, the “Order Information Query Response Window” of said market is to be displayed.

### 10-11-2 “Order Information” Query Response Window



#### ◆ Order Information Messages

It displays the following.

- ① Pause on trading/ Cancellation
- ② Change of limit value width
- ③ Prohibition of market order
- ④ Query response limit
- ⑤ Prohibition of automatic update
- ⑥ Final settlement index (Only for the market index future/ market index option)

#### ◆ Issue Code

It displays “Issue name + Issue code” or “Security types”

#### ◆ Details of Order Information

It displays the details of order information.

## 10-12 Query of Settlement Information

It displays “Balance of Futures Contracts, etc.”, “Contract Price of Options Trading”, and “Trading Securities Required Amount” generated on the day of own company.

\* It will not respond to any inquires until the shortening of the security money deposited date, etc. becomes implemented.

## Chapter 11 Inputting Resale/ Buyback Quantities, etc.

Input of the resale/ buyback is to be performed by displaying each input window below in accordance with the input types.

- ◇ Input of the futures resale/ buyback
  - “Resale/ Buyback Input Window”
- ◇ Input of the options resale /buyback/ execution of rights
  - “Resale/ Buyback/ Execution of rights Input Window”
- ◇ Input of the resale /buyback accompanied by the execution of rights of futures corresponding option
  - “Resale/ Buyback (amount for execution the rights of options trading) Input Window”

### 11-1 Overview of Inputting Resale/ Buyback Quantities, etc.

#### 11-1-1 “New Input” of the Resale / Buyback Quantities, etc.

In the case of performing the input of resale/ buyback quantities, etc. for the first time on the day, it is to be treated as “New Input”.

In the case of sending the input items not entered, input quantities are to be treated as “0” in regard to said items.

In the case of “New Input” being successfully accepted, on the day contract balance which has been calculated by said input and the input content are to be displayed in the response displaying field, and an “Input Results Notification” is to be outputted.

#### 11-1-2 “Correction Input” of the Resale / Buyback Quantities, etc.

In the case of the resale/ buyback quantities, etc. already being inputted, “correction input” can be performed by re-doing the input.

In the case of “Correction Input”, only the input items to be altered are inputted. Regarding the items which were not inputted would take over the quantities that have already been inputted.

In the case of “Correction Input” being successfully accepted, on the day contract balance which has been calculated by said correction input and the correction input content are to be displayed in the response displaying field, and an “Correction Input Results Notification” is to be outputted.

#### 11-1-3 Ending Instruction of the Resale / Buyback Quantities, etc.

In the case of the input of resale/ buyback quantities, etc. required for the day is completed; please perform the “Input Ending Instruction” for the purpose of grasping the progress of the inputting duties of each participant by the Tokyo Stock exchange.

When the “Input Ending Instruction” is successfully accepted, it is to be treated as inputting of “0” in bulk as the input quantities into the non-entered items of the input targeted issue names.

Furthermore, it is possible to perform the “Correction Input” after performing the “Input Ending Instruction”.

#### 11-1-4 “Input Invalidation” of the Resale / Buyback Quantities, etc.

In the case of the correction of the previous day contract balance being performed after completing the input of resale/ buyback quantities, etc. of the day, the amount of resale/ buyback quantities, etc. which has been entered is to be invalidated and “Input Invalidation Notification” is to be outputted.

In the case of “Input Invalidation” occurring, please perform the input once again as the same method of “New Input”.

## 11-2 Points of Caution When Inputting Resale/ Buyback Quantities, etc.

### 11-2-1 Input of Resale / Buyback Quantities, etc. by Self / Consignment

In regard to the resale/ buyback quantities, etc., as the same method of the order input, to input by self/ consignment for each issue name.

Contract expiration month	Self : 9	Resale		Buyback	
	Con : 0	On the day	Existing	On the day	Existing
Long-term government bonds 012	9		30		20

In the case of inputting the amount for self, designate "9", and in the case of inputting the amount for consignment, designate "0".

### 11-2-2 Input of the Amount of the Day and Existing Amount Totalled of the Resale/ Buyback Quantities

It is not necessary to input the "amount of the day" and "existing amount" separately when inputting the resale/ buyback quantities, etc.; performing the input of resale/ buyback quantities involved in the transaction of the day is possible by inputting the resale/ buyback quantities, which is calculated as "amount of the day" and "existing amount" totalled, into the "existing amount" field.

In addition, it is still possible to input the resale/ buyback quantities by separating the "amount of the day" and "existing amount" as before.

#### ◇ Examples of Resale/ Buyback Quantities Input

##### ◇ At the time of "Total Input" of the amount of the day and existing amount

To input the total quantities of the amount of the day and existing amount in the "Existing Amount Input Field".

Contract expiration month	Self : 9	Resale		Buyback	
	Con : 0	On the day	Existing	On the day	Existing
Long-term government bonds 012	9	.	30		20

※ In the case of performing the total input, it is enabled by inputting said total value in the "Existing Amount Input Field" while having the "Amount of the Day Input Field" remain non-entered, however, in this case, it is to be processed as if there has been an input of "0" for the amount of the day on the system therefore "0" is to be displayed as the input content for the amount of the day on the response display of the input content.

##### ◇ At the time of "Split Input"

To input the amount of the day and existing amount respectively into the "Amount of the Day Input Field" and "Existing Amount Input Field".

Contract expiration month	Self : 9	Resale		Buyback	
	Con : 0	On the day	Existing	On the day	Existing
Long-term government bonds 012	9	10	20	15	5



## 11-2-3 Execution of Right in Each Option Trading

## 11-2-3. 1 Handling of the execution of right in each option trading.

In regard to each option trading, handling of the execution of right differs as the table below.

	In The Money	Out of The Money At The Money
Futures Option Trading of the Long-term Government Bonds (American Method)	<ul style="list-style-type: none"> <li>◇ Except for the final day of execution of right               <ul style="list-style-type: none"> <li>◇ Execution of right is possible</li> </ul>               (To input the quantities of execution of right)             </li> <li>◇ The final day of execution of right               <ul style="list-style-type: none"> <li>◇ “Automatic rights execution”</li> <li>◇ Abandoning of right is also possible</li> </ul>               (Abandoning the rights for the balance of all the buy positions by inputting the quantities of execution of right)             </li> </ul>	<ul style="list-style-type: none"> <li>◇ Except for the final day of execution of right               <ul style="list-style-type: none"> <li>◇ Execution of right is possible</li> </ul>               (To input the quantities of execution of right)             </li> <li>◇ The final day of execution of right               <ul style="list-style-type: none"> <li>◇ Both the execution of right/ abandoning of right are possible</li> </ul>               (To input the quantities of execution of right)             </li> </ul>
TOPIX Option Trading (European Method)	<ul style="list-style-type: none"> <li>◇ In regard to the execution price that is 3.0 points or more In The Money than the final settlement index (SQ), it is to be “automatic rights execution” for the balance of all the buy positions regardless of the input quantities or whether or not there is input of rights execution quantities.</li> <li>◇ In regard to the execution price that is 3.0 points less In The Money than the final settlement index (SQ), both the execution of right/ abandoning of right are possible.</li> </ul> (To input the quantities of execution of right)	<ul style="list-style-type: none"> <li>◇ Abandoning the rights for the balance of all the buy positions</li> <li>◇ Impossible to input the execution of right</li> </ul>
TOPIX Stock Certificate (European Method)	<ul style="list-style-type: none"> <li>◇ Both the execution of right/ abandoning of right are possible</li> </ul>	<ul style="list-style-type: none"> <li>◇ Both the execution of right/ abandoning of right are possible</li> </ul>

As described above, regarding the “Futures Option Trading of the Long-term Government Bonds” as well as the “TOPIX Option Trading”, the “Automatic Rights Execution System” is applied on the final day of execution of rights.

“Automatic Rights Execution System” is to consider as if there has been the rights execution automatically regarding the balance of all the buy positions when there has not actually been an input of rights execution quantities in regard to the execution price which is fundamentally In The Money after determining the final settlement price (index) on the final day of rights execution.

However, the structure of automatic rights execution system to be applied differs in the “Futures option trading of the long-term government bonds” and the “TOPIX Option Trading” as indicated below.

Furthermore, the automatic rights execution system is not applied to the security option trading.

11-2-3. 2 Automatic Rights Execution System on the Final Day of Execution of Rights in the Futures Option Trading of the Long-term Government Bonds

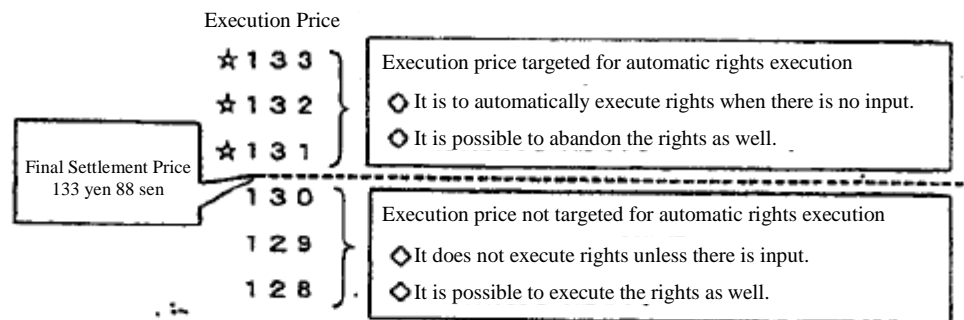
◇ In regard to the execution price which is “1 sen” or more In The Money (the execution price targeted for automatic rights execution) than the final settlement price on the final day of rights execution, in the case of not having any inputs (including the case of performing the ending instruction with all items not entered regarding said execution price, and the case of inputting a single digit “0” ), in other words, in the case of treating it as inputting a single digit “0” as the structure of the system, it is to be considered as if there has been the rights executed regarding the balance of all the buy positions after inputting the resale/ buyback quantities on the day of said execution price.

◇ However, it is also possible to perform an abandoning of rights partially of the balance of all the buy positions (an input of rights execution quantities) or abandoning of rights entirely (an input of 8 “0”s) in regard to the execution price targeted for automatic rights execution.

◇ In addition, regarding the execution price other than the execution price targeted for automatic rights execution, it is possible to perform the execution and abandoning of rights as the same method of rights execution day as usual.

◇ Furthermore, the automatic rights execution symbol of “☆” is to be displayed on each position-related screen for the execution price targeted for automatic rights execution.

<In the case of the futures put option of the long-term government bonds >



◇ Support for the rights execution quantities input method of the execution price targeted for automatic rights execution and the actual rights execution quantities

Input method of the rights execution quantities		Actual rights execution quantities
Rights execution quantities input field not entered	Sending →	Balance of all the buy positions after inputting the resale/ buyback quantities on the day
“0” input	Sending →	Balance of all the buy positions after inputting the resale/ buyback quantities on the day
Termination instruction by all the items not entered	Sending →	Balance of all the buy positions after inputting the resale/ buyback quantities on the day
Quantities input other than “0”	Sending →	Input quantities
All “0” (8 “0”s) input	Sending →	“ 0 ”
Termination of input acceptance by all the items not entered		Balance of all the buy positions after inputting the resale/ buyback quantities on the day

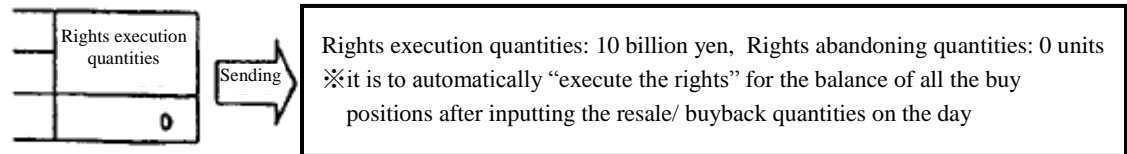
※ When sending with the fields not entered, it is to automatically execute the right for the balance of all the buy positions after inputting the resale/ buyback quantities on the day by automatically giving a treatment of single digit “0” at the time of ending instruction with all the fields remained not entered, and ending of input acceptance with all the fields remained not entered.

※ Please input the quantities to perform the execution of rights in regard to the execution price other than the execution price targeted for automatic rights execution. (The quantities of the execution of rights is to be “0” when inputting a single digit “0” as well as inputting 8 “0”s.)

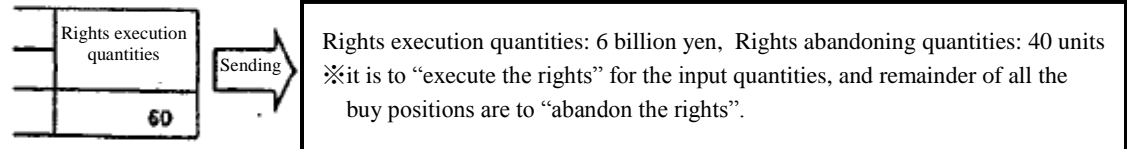
Examples of inputting the execution price targeted for automatic rights execution

(The balance of the buy positions after inputting the resale/ buyback quantities on the day: 10 billion yen)

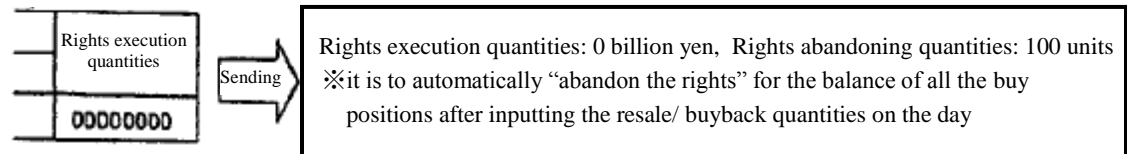
① At the time of “non-entry” and “single digit ‘0’” input



② At the time of quantities input other than “0”.



③ At the time of all “0” input (8 “0”s).



◇ Regarding the execution price not targeted for automatic rights execution, the rights execution quantities is to be treated as “0” at the time of non-entry input, at the time of single digit “0” input and 8 of “0”s input.

◇ Furthermore, on the rights execution day other than the final day of rights execution, 8 “0”s being in the rights execution quantities input field is to be considered an error.

11-2-3. 3 Automatic Rights Execution System on the Final Day of Execution of Rights in the TOPIX Option Trading

◇ In regard to the execution price that is “3.0 points” or more In The Money than the final settlement index (SQ) on the final day of rights execution, it is to automatically execute rights for the balance of all the buy positions regardless of the input quantities or whether or not there is input of rights execution quantities.

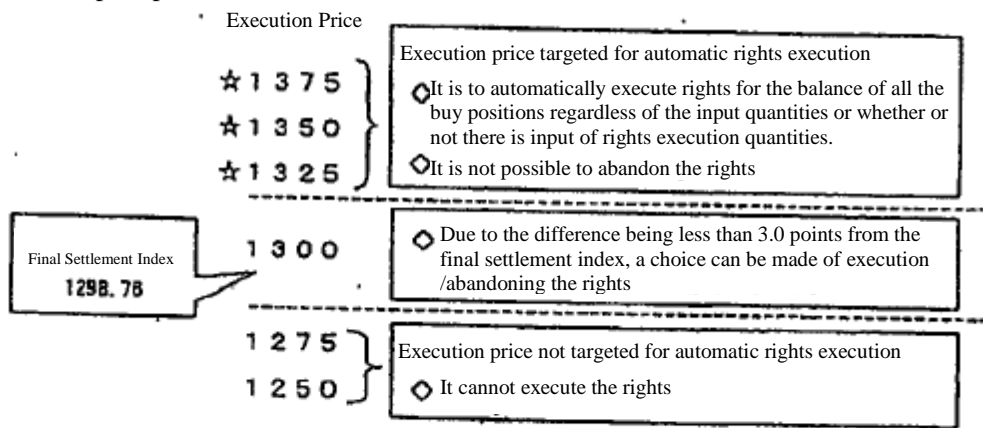
◇ Therefore, the rights execution cannot be performed regarding the execution price targeted for automatic rights execution.

◇ In addition, the rights execution cannot be performed regarding the execution price At The Money as well as Out Of The Money.

◇ In addition, regarding the execution price whose difference becomes less than “3.0 points” from the final settlement index within the execution price In The Money, there is a choice of execution the rights or abandoning the rights in regard to the balance of buy positions.

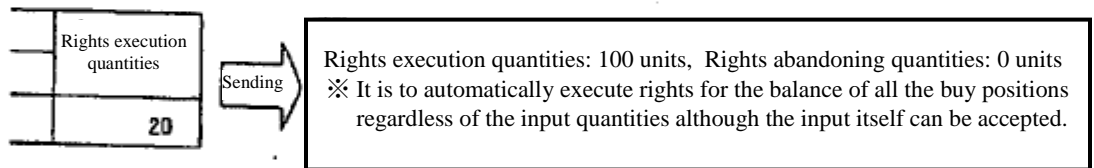
◇ Furthermore, the automatic rights execution symbol of “☆” is to be displayed on each position-related screen for the execution price targeted for automatic rights execution.

<In the case of the TOPIX put option >

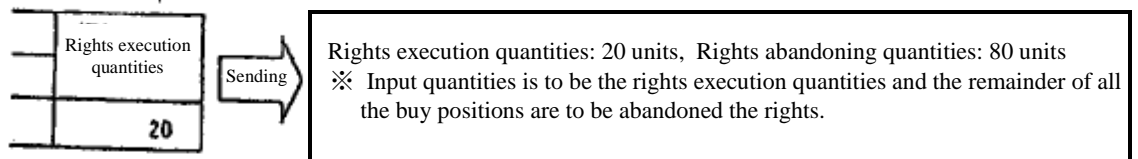


◇ Examples of inputting the put option (Balance of the buy positions: 100 units, SQ: 1298.00 points)

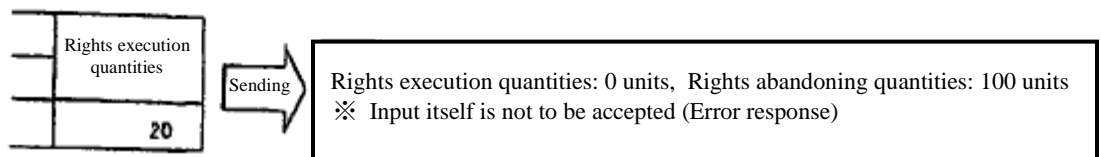
① Execution Price: 1325 points



② Execution Price: 1300 points



③ Execution Price: 1275 points

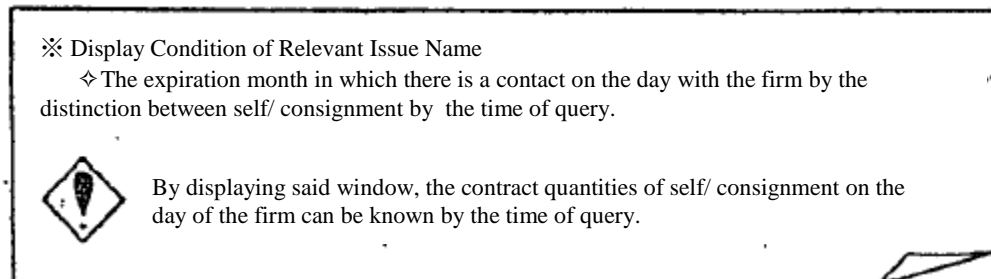


### 11-3 Inputting Resale/ Buyback of Futures Transactions

To input the resale / buyback of futures trading on the day.

#### 11-3-1 Method of Operation

- ① Select from the menu bar of main window in the order of “Positions” → “1 Resale / Buyback/ Rights Execution Input”
- ② By selecting the futures market (“1 Security futures” or “3 Index futures”) to which the issue names belong to perform the resale / buyback input from the sub-menu list to do market selection, the “Resale/ Buyback Input Window” of said market is to be displayed.
- ③ At first , the tabs of security types, which come first, are to be displayed in the selected markets, so select the security tab that the issue name, which the resale / buyback input is to be performed, belongs to.
- ④ When the cursor becomes displayed in the “Contract Expiration Month” input field of the “Resale/ Buyback Quantities” input field, input the resale / buyback quantities after inputting the contract expiration month of the relevant issue name (※) and the distinction between self/ consignment displayed in the response displaying field.
- ⑤ Perform the “Sending” operation after inputting the resale / buyback quantities.
- ⑥ When the input is successfully accepted, the input content and on the day contract balance buy positions which have been calculated regarding said issue name are to be displayed in the response displaying field. In addition, a “Resale/ Buyback Input Results Notification” is to be outputted.



11-3-2 Resale/ Buyback Window

**Security Type Selection Tab**  
To select the security type tab that the issue name to input belongs to

**Query response time**

**012 (Self)**

**012 (Consignment)**

**103 (Self)**

**Input relevant issue name**  
It displays the expiration month which has contract (self/ consignment) on the day with the firm by the time of query.

**Response display of input content**  
It response displays the inputted resale/ buyback quantities.

**Contract quantities of input relevant issue name**  
It displays the expiration month which has contract (self/ consignment) on the day of by the time of query.

**Contract balance on the previous day / on the day**  
It displays the contract balance of previous day at the upper section. (It displays "☆" when there was a correction on the previous day contract on the next day). It response displays the contract balance of the day calculated by inputting resale/ buyback quantities at the lower section.

**Resale /Buyback quantities Input Field**  
To input the expiration month, distinction between self/ consignment, and resale/ buyback quantities.

Regarding the expiration month and distinction between self/ consignment, they can be automatically set by double-clicking the response display field.

**Double-click**

**Automatic setting**

- ◆ In the case of sending the resale /buyback quantities input field non-entered at the time of new input, it is to be considered as "0" input.
- ◆ In the case of sending the resale /buyback quantities input field non-entered at the time of correction input, only the correction items to be corrected, the quantities already inputted become valid for the non-entry items.
- ◆ In the case of performing the combined calculation input of the amount for the day and the existing amount regarding the resale /buyback quantities, please input said total value in the "existing amount field".

→ "11-1-2 Total input of the amount for the day and the existing amount of resale /buyback quantities"

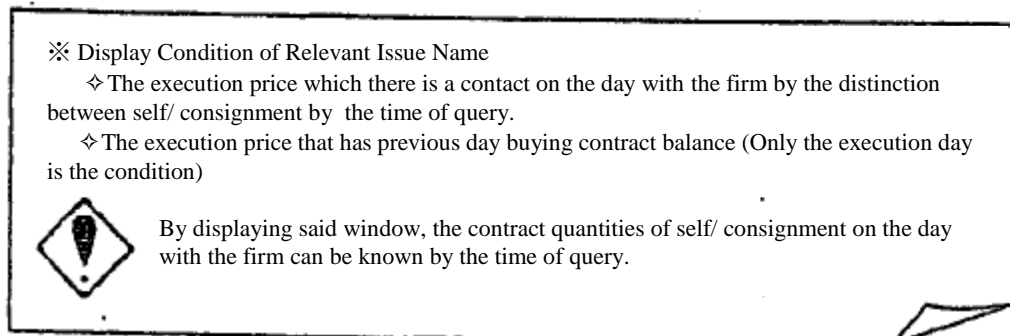
## 11-4 Inputting Resale/ Buyback/ Execution of Rights for Options Transactions

To input resale/ buyback /execution of rights quantities of the day of options transactions.

### 11-4-1 Method of Operation

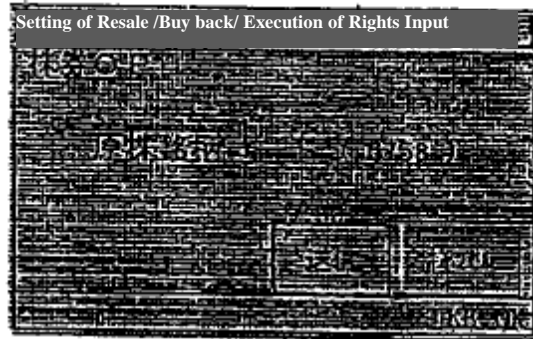
#### 11-4-1.1 Inputting into the options transactions other than the security options transactions

- ① Select from the menu bar of main window in the order of “Positions” → “1 Resale / Buyback/ Rights Execution Input”
- ② Select the options market (“2 Bond Futures OP” or “3 Index OP”) to which the issue names belong to perform the resale / buyback input from the sub-menu list to do market selection.
- ③ By selecting the security type (“1 Futures long-term government bonds OP” or “1 TOPIX OP”) to which the issue names belong to perform the resale / buyback input from the sub-menu list to do security type selection, the “Resale/ Buyback/ Execution of Rights Input Window” of said security type is to be displayed.
- ④ At first , the tab of expiration month (put), which comes first, is to be displayed in the selected security type, so select the expiration month (put/ call) tab that the issue name, which the resale / buyback input is to be performed, belongs to.
- ⑤ When the cursor becomes displayed in the “Execution Price” input field of the “Resale/ Buyback/ Execution of Rights Quantities” input field, input the resale / buyback/ execution of rights quantities after inputting the execution price of the input relevant issue name (※) and the distinction between self/ consignment displayed in the response displaying field.
- ⑥ Perform the “Sending” operation after inputting the resale / buyback /execution of rights quantities.
- ⑦ When the input is successfully accepted, the input content and the execution of rights which has been calculated, and the contract balance of the day which does not consider the quota regarding said issue name are to be displayed in the response displaying field. In addition, a “Resale/ Buyback /Execution of Rights Input Results Notification” is to be outputted.



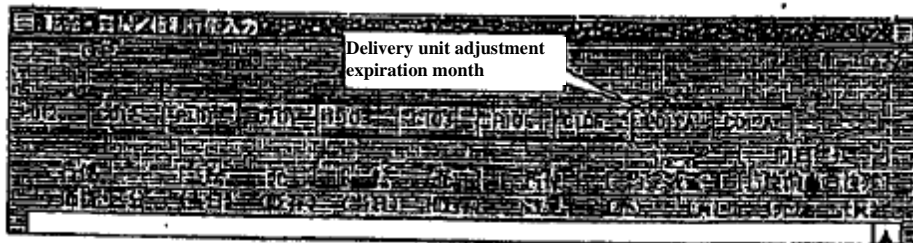
11-4-1. 2 Inputting into the security options transactions

- ① Select from the menu bar of main window in the order of “Positions” → “1 Resale / Buyback/ Rights Execution Input”
- ② Select the options market (“5 Securities OP”) to which the issue names belong to perform the resale / buyback input from the sub-menu list to do market selection.
- ③ When the “Resale/ Buyback/ Execution of Rights Input Window” to input the issue code of underlying stock is displayed, input the underlying stock code of said security option in the “Underlying Stock Code” input field, and the “Resale/ Buyback/ Execution of Rights Input Window” of security option for said underlying stock is to be displayed by performing “Sending”.



- ④ The input operation hereafter is the same as the options transactions other than the security options transactions.

※ If there is an expiration month in which the adjustment of delivery unit was performed, the tab of the expiration month in which the adjustment of delivery unit was performed is to be displayed after the expiration month with a regular delivery unit in the order of either expiration months or the put/call therefore please select said expiration month tab to perform the input.





## 11-4-2 Resale/ Buyback /Execution of Rights Input Window

**[illegible]**

**Expiration Month (Put/ Call) Selection Tab**  
To select the expiration month (put/call) tab that the execution price to input belongs to

**Query response time**

**130 (Self)**      **120**    **67**    **324**    **125**

**☆ 131 (Consignment)**    **0**    **10**    **0**    **17**    **12**    **12**    **27**    **23**    **12**

**Input relevant issue name**  
It displays the execution price (self/ consignment) which corresponds the display condition.

**Response display of input content**  
It response displays the inputted resale/ buyback quantities.

**Contract quantities of input relevant issue s**  
It displays the expiration month which has contract (self/ consignment) on the day by the time of query.

**Automatic execution of rights symbol**  
It is to be displayed in the execution price targeted for automatic rights execution on the final rights execution day.

**Contract balance on the previous day / on the day**  
It displays the contract balance of previous day at the upper section.  
(It displays “☆” when there was a correction on the previous day contract on the next day). It response displays the contract balance of the day calculated by inputting resale/ buyback quantities at the lower section

**Resale /Buyback / Execution of Rights Quantities Input Field**

To input the execution price, distinction between self/ consignment, and resale/ buyback quantities. Regarding the expiration month and distinction between self/ consignment, they can be automatically set by double-clicking the response display field.

◇ In the case of sending the resale /buyback quantities input field non-entered at the time of new input, it is to be considered as “0” input.



◇ In the case of sending the resale /buyback quantities input field non-entered at the time of correction input, only the correction items to be corrected, the quantities already inputted become valid for the non-entry items.

◇ In the case of performing the combined calculation input of the amount for the day and the existing amount regarding the resale /buyback quantities, please input said total value in the “existing amount field”.

→ “11-1-2 Total input of the amount for the day and the existing amount of resale /buyback quantities”

◇ Please be cautious since the execution of rights quantities input of the execution price targeted for automatic rights execution on the final day of execution of rights differs from the regular method.

→ “11-1-3 Execution of rights for each option transaction”



Regarding the execution price targeted for automatic rights execution on the final day of execution of rights, “actual rights execution quantities” is to be displayed at the time of the rights execution quantities input.

## 11-5 Inputting Resale/ Buyback of Futures Accompanying the Execution of Rights to the Corresponding Options Transactions

To input resale/ buyback quantities related to the rights execution/ quota for the futures options transactions corresponding to the futures transactions.

### 11-5-1 Method of Operation

- ① Select from the menu bar of main window in the order of “Positions” → “2 Resale / Buyback for Rights Execution”
- ② By selecting the futures market (“1 Bond Futures Market”) to which the issue names belong to perform the resale / buyback input from the sub-menu list to do market selection, the “Resale/ Buyback (for the amount of option trading rights execution) Input Window” of said market is to be displayed.
- ③ When the cursor becomes displayed in the “Expiration Month” input field of the “Resale/ Buyback Quantities” input field, input the resale / buyback quantities after inputting the contract expiration month of the relevant issue name (※) and the distinction between self/ consignment displayed in the response displaying field.
- ④ Perform the “Sending” operation after inputting the resale / buyback quantities.
- ⑤ When the input is successfully accepted, the input content and the balance of the contract of the day which has been calculated regarding said issue name are to be displayed in the response displaying field. In addition, a “Resale/ Buyback (for the amount of option trading rights execution) Input Results Notification” is to be outputted.

※ Display Condition of Input Relevant Issues

◇ The expiration month in which there was a rights execution of self/ consignment of the firm or dividend for the firm in the corresponding long-term government bonds futures option transactions.

11-5-2 Resale/ Buyback (for the amount of option trading rights execution) Input Window

**(Option trading rights execution amount) input**

**Security Type Selection Tab**  
It displays the tab of long-term government bonds futures transactions

Query response time

012 (Self) 339 264

01 (Consignment) 0 10 12 25 139 69 141 84

**Input relevant issues**  
It displays the expiration months (self/ consignment) in which there were execution of rights as well as the dividend on the previous day for the long-term government bonds futures transactions

**Response display of input content**  
It response displays the inputted resale/ buyback quantities.

**Rights execution and quota of input relevant issues**  
It displays the buy/ sell quantities relating to the rights execution and quota of the expiration month (self/ consignment) in which there were rights execution and quota on previous day.

**Contract balance quantities before and after execution of rights**  
It displays the previous day contract balance before inputting the resale/ buyback accompanied with rights execution/ quota quantities at the upper section.  
It displays the previous day contract balance by inputting the resale/ buyback quantities accompanied with rights execution/ quota at the lower section.

**Resale /Buyback (for the amount of option trading rights execution) Quantities Input Field**  
To input the expiration month and distinction between self/ consignment and the resale/ buyback quantities for the long-term government bonds relating to the rights execution and quota of corresponding to long-term government bonds futures options transactions  
Regarding the expiration month and distinction between self/ consignment, they can be automatically set by double -clicking the response display field.

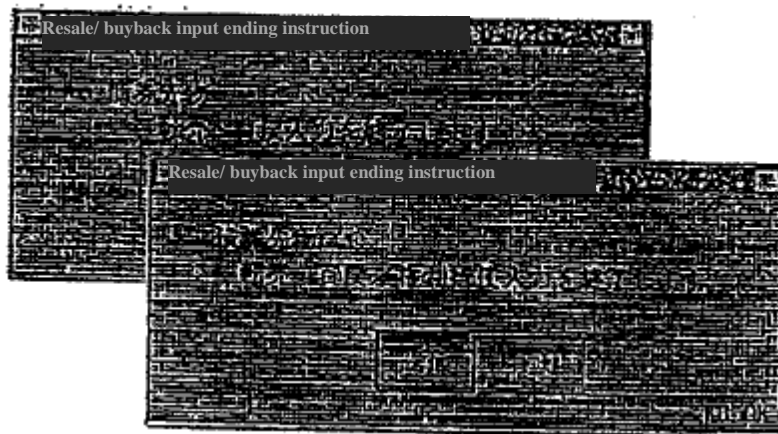
⚠ In the case of sending the resale /buyback quantities input field non-entered at the time of new input, it is to be considered as "0" input.  
⚠ In the case of sending the resale /buyback quantities input field non-entered at the time of correction input, only the correction items to be corrected, the quantities already inputted become valid for the non-entry items.

## 11-6 Ending the Inputting of Resale/ Buyback, etc.

In the case of the input of resale/ buyback quantities, etc. required for the day is completed; please perform the “Ending the Inputting” by each market for the purpose of grasping the progress of the inputting duties of each participant by the Tokyo Stock exchange.

### 11-6-1 Method of Operation

- ① Select from the menu bar of main window in the order of “Positions” → “3 Resale / Buyback/ Rights Execution Ending the Inputting”
- ② By selecting the options market from the sub-menu list to do market selection, the “Resale/ Buyback/ Input Instruction Window” for the futures market, and the “Resale/ Buyback/ Execution of Rights Ending the Inputting Window” for the options market are to be displayed.
- ③ Perform the operation of “Sending”.



- ④ When the ending instruction is successfully accepted, messages such as “Resale/ Buyback Acceptance of Ending the Inputting” for the futures market, and the “Resale/ Buyback/ Execution of Rights Acceptance of Ending the Inputting” for the options market are to be displayed in the message displaying field.



- ◇ When the ending instruction is performed, it is to be considered that there was “0” input in bulk in the non-entry fields of input relevant issues. However, “Input Results Notification” will not be output for said bulk “0” inputs.
- ◇ It is possible to perform “Correction Input” of resale/ buyback quantities after performing ending the inputting instruction if it is within the input accepting hours.
- ◇ Performing the ending of inputting once again on the same market after performing the ending of inputting is to be considered as an error. However, in the case of receiving an invalid notification, please perform the ending of inputting one more time on which said issue belongs after re-inputting said input invalid issue.

### 11-7 Inputting the Consigned Portion Transaction Security Money Calculation Basis Balance

To input the consigned portion transaction security money calculation basis balance<sup>11-1</sup> (total of the contract balance by each client of the participants for all the clients on the internet (in other words, gross on the internet)).

※ It is not to be used until the shortening of security money depositing date, etc. is to be implemented.

### 11-8 Ending the Entry of the Consigned Portion Transaction Security Money Calculation Basis Balance

In the case of the input of the consigned portion transaction security money calculation basis balance is completed; please perform the “Ending the Inputting” by each market for the purpose of grasping the progress of the inputting duties of each participant by the Tokyo Stock exchange.

※ It is not to be used until the shortening of security money depositing date, etc. is to be implemented.

---

11-1 The consigned portion transaction security money calculation basis balance is a contract balance which is to be the base of transaction security money required amount calculation.

The consigned portion transaction security money calculation basis balance of own amount is to be calculated from the own amount of contract balance as a result of inputting of the resale/ buyback quantities, etc.

The consigned portion of transaction security money calculation basis balance (total of the contract balance by each client of the participants for all the clients on the internet (in other words, gross on the internet)) is to be input by said consigned portion of transaction security money calculation basis balance input window or the connection among the systems.

## Chapter 12 Querying Contract Balances, etc.

### 12-1 The “Contract Balance Table (For the Firm)” for Futures Transactions

It is to display the contract balance of futures transactions for the firm.

#### 12-1-1 Method of Operation

- ① Select from the menu bar of main window in the order of “Positions” → “6 Contract Balance Table (For the Firm)”
- ② By selecting the futures market to perform the “Contract Balance (for the Firm)” query (“1 Bonds Futures” or “3 Index Futures”) from the sub-menu list to do market selection, the “Resale/ Contract Balance Table (for the Firm) Query response Window” of said market is to be displayed.
- ③ At first , the tabs of security types, which come first, are to be displayed in the selected markets, so select the securities tab to inquire about the contract balance for the firm.

12-1-2 The "Contract Balance Table (For the Firm)" for Futures Transactions

Security Type Selection Tab  
To select the security type tab to perform query

Query response time

Contract Balance (for the Firm)				
103(Self)	1262	1295	1063	1196
(Consignment)	336	287	309	169
106(Self)	20	*14	25	*24
(Consignment)	5	*5	5	*5
109(Self)	1	1	6	5
(Consignment)	0	0	0	0
112(Self)	0	0	0	0
(Consignment)	0	0	0	0
203(Self)	0	0	0	0
(Consignment)	0	0	0	0

**Expiration Month**  
It displays all the expiration months in sequence by self/consignment distinction.

**Reference Field**  
It displays, as reference, the final contract balance from the next day of the final transaction to the day before of the delivery (final settlement) date regarding the transaction ending expiration months.

**On the day contract balance**  
It displays the on the day sell/ buy contract balance of the firm after calculating the contract balance.

**Previous day contract balance**  
It displays the previous day sell/ buy contract balance of the firm.  
"\*" is to be displayed at the beginning if there was a next day correction in the previous day contract balance.

**On the day transaction security money calculation basis balance**  
It displays on the day transaction security money calculation basis balance of the firm.

**Previous day transaction security money calculation basis balance**  
It displays previous day transaction security money calculation basis balance of the firm.  
"\*" is to be displayed at the beginning if there was a next day correction in the previous day c transaction security money calculation basis balance.

※Transaction security money calculation basis balance is not to be displayed until the shortening of security money depositing date, etc. is to be implemented.

12-2 “Open interest chart (own company)” for Option Trading

Display own company’s open interest and etc. for the option trading.

12-2-1 Operating instructions

12-2-1. 1 Inquiry for “the open interest chart (own company)” for the option trading besides the stock option trading.

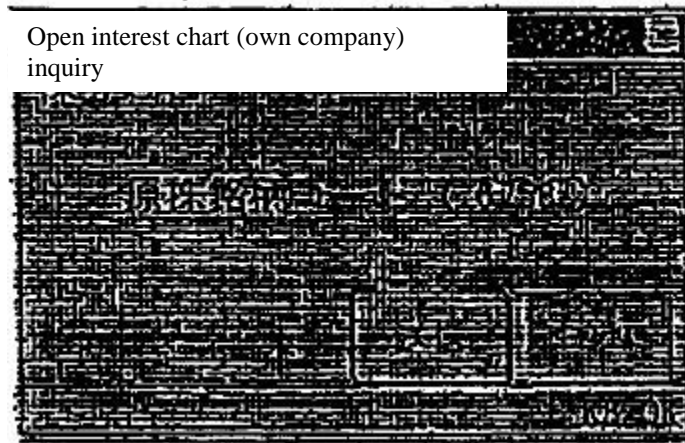
- (1) Select in order of “Open interest” → “6 Open interest chart (own company)” from the main window’s menu bar.
- (2) From the sub menu list which selects the market, select the option market which inquires own company’s open interest (“2 credit futures OP” or “4 Index number OP”).
- (3) From the sub menu list which selects the securities classification, by selecting the securities classification which inquires own company’s open interest (“1 Long-term government bonds futures OP” or “1 TOPIX OP”), target securities classification’s “Open interest (own company) inquiry reply window” will be displayed.
- (4) First, the tab of the top of contract month (Put) from the selected securities classification will be displayed, and then select the tab of the contract month (by Put/call) of the inquiry for own company’s open interest.



## Chapter 12 About the inquiry of the open interest

### 12-2-1. 2 Inquiry for “Open interest chart (own company)” for Securities Option Trading

- (1) Select in order of “Open interest” → “6 Open interest chart (own company)” from the main window’s menu bar.
- (2) From the sub menu list which selects the market, select the option market (“5 Stock certificate”) which inquires about your own company’s open interest chart.
- (3) “Open interest chart (own company) inquiry window” where you put the original strain’s brand code will be displayed. By putting the original strain code for the subject stock certificate option in the input box for “original strain’s code” and click on “send”, the stock certificate option’s “Open interest chart (own company) inquiry reply window” for the subject original strain will be displayed.



- (4) First, the tab of the top of contract month (Put) from the selected securities classification will be displayed, and then select the tab of the contract month (by Put/call) of the inquiry for own company’s open interest.

Chapter 12 About the inquiry of the open interest  
 12-2-2 “Open interest chart (own company)” for Option Trade

**Reference**  
 After completing the calculation of the open interest on the last day of exercise of rights, the message of “[Reference]” will be displayed.

Contract month (each put/ call) select tab  
 Select the tab for the contract month to inquire.

Open interest chart (own company)

Inquiry reply time

126 (Own)	0	0	0	0	0	0
(Consignment)	0	0	0	0	0	0
127 (Own)	0	0	0	0	0	0
(Consignment)	0	0	0	0	0	0
128 (Own)	0	0	0	0	0	0
(Consignment)	0	0	0	0	0	0
129 (Own)	0	0	0	0	0	0
(Consignment)	0	0	0	0	0	0
130 (Own)	0	0	24	24	17	17
(Consignment)	0	0	2	2	4	4
☆ 131 (Own)	0	0	52	*57	42	*66
(Consignment)	0	0	18	*18	10	*10
☆ 132 (Own)	159	154	0	159	0	154
(Consignment)	30	167	0	30	0	167
☆ 133 (Own)	5	7	0	5	0	7
(Consignment)	4	8	0	4	0	8

**Price for Exercise of rights**  
 All prices for the exercise of rights will be displayed in order of exercise of rights by own- consignment.

**Automatic rights use**  
 [illegible]  
 On the last day of exercise of rights, automatic exercise of rights subject use price will be displayed

**Quota**  
 After completing to process the lottery, the quota of the day will be displayed.  
 When it is not the day for the exercise of the rights, “-” will be displayed.

**Exercise of rights amount**  
 After completing to process the lottery, the open interest of the day will be displayed.  
 When it is not the day for the exercise of the rights, “-” will be displayed.

**Open interest of the day**  
 The open interest of a day before will be displayed.  
 When there is correction on the next day of a day before the open interest, “\*” will be displayed on top.

**A day before trade deposit calculation standard open interest**  
 Own company’s a day before trade deposit calculation standard open interest will be displayed.  
 When there is a correction on the next day of a day before trade deposit calculation standard open interest, “\*” will be displayed on top.

\*Trade deposit calculation standard open interest will not be displayed until foreshortening of deposit amount input date and etc. will be done.

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## Chapter 12 About the inquiry of the open interest

### 12-3 “Open interest chart” for Future Trading

Displays outstanding open contracts for all companies of futures transactions.

#### 12-3-1 Operating instruction

- (1) From the menu bar of the main window, select in order of “Open interest” → “7 Open interest chart”.
- (2) From the sub menu list which selects the market, by selecting the future market which inquires “Open interest chart” (“1 credit futures” or “3 Index futures”), subject market’s “Open interest chart inquiry reply window” will be displayed.
- (3) First, the tab of the top of contract month (Put) from the selected securities classification will be displayed, and then select the tab of the contract month (by Put/call) of the inquiry for own company’s open interest.

12-3-2 "Open trading" for futures trading

The screenshot shows a window titled "Open interest chart" displaying a table of open interest data. The table has four columns and several rows. The first row is highlighted in a dark background. Below the table, there are several callout boxes providing context and instructions.

103	232065	231326	739
106	3934	+3875	59
109	19	20	-1
112	0	0	0
203	0	0	0

**Selection tab for securities**  
Select the tab for the securities kind for the inquiry

**Open interest chart**

**Inquiry replay time**

**Contract month**  
All contract months will be displayed in order of contract month.

**Comparison with the previous day**  
The comparison of open interest for the day and the day before will be displayed.

**Reference**  
As a reference, about the ending trade contract month, from the next day of the last trading day to a day before the delivery (last settlement) day of final open interest will be displayed.

**The day of open interest**  
After completing to calculate the open interest, the day of open interest will be displayed.  
**The day before of open interest**  
The day before of open interest will be displayed.  
When there is correction on the next day of the day before open interest, "\*" will be displayed on top.

## Chapter 12 About the inquiry of the open interest

### 12-4 “Open interest chart” for Option Trading

All company’s open interest chart for the option trading will be displayed.

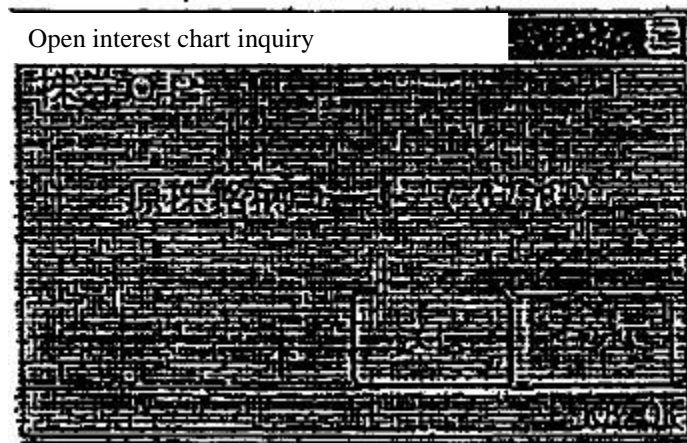
#### 12-4-1 Operation instruction

12-4-1.1 Inquiry for “Open interest chart” for the option trading besides stock certificate option trading.

- (1) Select in order of “Open interest” → “7 Open interest chart (own company)” from the main window’s menu bar.
- (2) From the sub menu list which selects the market, select the option market which inquires for your own company’s open interest (“2 credit futures OP” or “4 Index number OP”).
- (3) From the sub menu list which selects the securities classification, by selecting the securities classification which inquires own company’s open interest (“1 Long-term government bonds futures OP” or “1 TOPIX OP”), target securities classification’s “Open interest (own company) inquiry reply window” will be displayed.
- (4) First, the tab of the top of contract month (Put) from the selected securities classification will be displayed, and then select the tab of the contract month (by Put/call) of the inquiry for own company’s open interest.

12-4-1. 2 Inquiry for “Open interest chart” for Stock certificate Option Trading

- (1) Select in order of “Open interest” → “7 Open interest chart” from the main window’s menu bar.
- (2) From the sub menu list which selects the market, select the option market (“5 Stock certificate”) which inquires about the open interest chart.
- (3) “Open interest chart inquiry window” where you put the original strain’s brand code will be displayed. By putting the original strain code for the subject stock certificate option in the input box for “original strain’s code” and click on “send”. the stock certificate option’s “Open interest chart inquiry reply window” for the subject original strain will be displayed.



- (4) First, the tab of the top of contract month (Put) from the selected securities classification will be displayed, and then select the tab of the contract month (by Put/call) of the inquiry for own company’s open interest.

Chapter 12 About the inquiry of the open interest

12-4-2 "Open interest chart" for Option Trading

The screenshot shows a terminal window displaying an 'Open interest chart'. The chart consists of a table with columns for price, exercise amount, and comparison with previous days. The data is as follows:

Price	Exercise Amount	Comparison (Day)	Comparison (Day Before)
126	0	0	0
127	0	0	0
128	0	2	2
129	0	45	45
130	0	153	154
131	0	220	230
132	429	0	*380
133	102	0	100
134	0	5	0

Callouts and their descriptions:

- Reference:** After completing the calculation of the open interest on the last day of exercise of rights, the message of "[Reference]" will be displayed.
- Contract month (each put/ call) select tab:** Select the tab for the contract month to inquire.
- Price for Exercise of rights:** All prices for the exercise of rights will be displayed in order of exercise of rights by own-consignment.
- Comparison with the previous day:** The comparison of open interest for the day and the day before will be displayed.
- Automatic right use [illegible]:** On the last day of exercise of rights, automatic exercise of rights subject use price will be displayed.
- Exercise of rights amount:** After completing to calculate the open interest, the exercise of rights for the day will be displayed. When it is not the day for the exercise of the rights, "-" will be displayed. The day of open interest: After completing to calculate the open interest, the day of open interest will be displayed. The day before of open interest: The day before of open interest will be displayed. When there is correction on the next day of the day before open interest, "\*" will be displayed on top.
- Inquiry response time:** (Indicated by a vertical bar on the right side of the chart)

## Chapter 13 Regarding Notifications

### Chapter 13 Regarding Notifications

#### 13-1 About the Classification of Output Notification

For Futures/ Option Trade System, the Notifications below will be output.

Output Notification		Output Timing
1	Receiving order notification	At the new order input
2	Cancelling result notification	At canceling order input, after completing canceling process
3	Changing result notification	At order change input, after completing changing process
4	Error notification (new· cancel· change· lump)	When each order becomes an error at accepting time and etc. at central system
5	Contract settlement notification	At the time of contract come into effect
6	Lapse order notification	When order with execution condition becomes a failure at the time of trade under subject execution condition, and the effect of order becomes invalid
7	Stop value order list	When agreement price at the time of trading of the day completion become stop price, own company's order becomes subject to the stop distribution.
8	Subject brand list for large	At the time of trading of the day completion
9	Contract situation print	At each of the completion of trading
10	Resale· buyback input result notification (includes correction)	At the time of inputting resale· buyback amount
11	Resale· buyback/ exercise of rights input result notification (includes correction)	At the time of inputting resale· buyback/ exercise of rights amount
12	Resale· buyback (for use of the option trade exercise of rights) input result notification	At the time of inputting resale· buyback amount for the use of exercise of rights for the option trading
13	Resale· buyback invalid notification	When the subject input amount becomes invalid
14	Resale· buyback/ exercise of rights input invalid notification	When the subject input amount becomes invalid
15	Resale· buyback (for use of the option trade exercise of rights) input invalid notification	When the subject input amount becomes invalid
16	Open interest notification (own company)	After the completion of open interest aggregation or after the completion of lottery process
17	Open interest notification	After the completion of open interest aggregation
18	Allocation notification	After the completion of open interest aggregation
19	Clearing margin calculation standard open interest input for consignment result notification (includes correction)	At the time of inputting clearing margin calculation standard open interest input for consignment
20	Clearing margin calculation standard open interest input for consignment invalid notification	When input clearing margin calculation standard open interest for consignment becomes invalid
21	Clearing margin calculation standard open interest input for consignment notification (own company)	After the completion of aggregation of clearing margin calculation standard open interest

\*For the notifications of “7”-“17” and “19”-“21”, it will not be output on old terminal. (Includes the resend)

\*For the notification of “19”-“21”, until foreshortening for the deposit's entering [illegible] time is executed, it will not output.



## Chapter 13 Regarding Notifications

### 13-2 About Notification Output Destination

#### 13-2-1 Basic output destination for notification

Basic output destination for each notification is as in the below classified by notification

Output Notification		Notification Output Destination
1	Receiving order notification	Terminal server which input terminal that has the input of the subject order belongs
2	Cancelling result notification	
3	Changing result notification	
4	Error notification (new· cancel· change· lump)	
5	Contract settlement notification	Terminal server which input terminal that has the input of the subject order belongs. ◦ When order contents of the subject order is changed, the input terminal will be as in the below. ◦ When the priority of order is changed (execution condition change relating the price change· [return] condition) → Change order input terminal ◦ When the priority of order is not changed (the change other than the above) → Change order input terminal
6	Lapse order notification	
7	Stop value order list	Data server
8	Subject brand list for large	
9	Contract situation print	
10	Resale· buyback input result notification (includes correction)	Terminal server for which the input terminal which has the subjected amount for input belongs.
11	Resale· buyback/ exercise of rights input result notification (includes correction)	
12	Resale· buyback (for use of the option trade exercise of rights) input result notification	
13	Resale· buyback invalid notification	Terminal server for which the input terminal which has the subjected amount for input belongs.
14	Resale· buyback/ exercise of rights input invalid notification	
15	Resale· buyback (for use of the option trade exercise of rights) input invalid notification	
16	Open interest notification (own company)	Data server
17	Open interest notification	
18	Allocation notification	
19	Clearing margin calculation standard open interest input for consignment result notification (includes correction)	Terminal server for which the input terminal which has the subjected amount for input belongs.
20	Clearing margin calculation standard open interest input for consignment invalid notification	Terminal server for which the input terminal which has the subjected amount for input belongs.
21	Clearing margin calculation standard open interest input for consignment notification (own company)	Data server

13-2-2 Multiple Output of the Same Notification

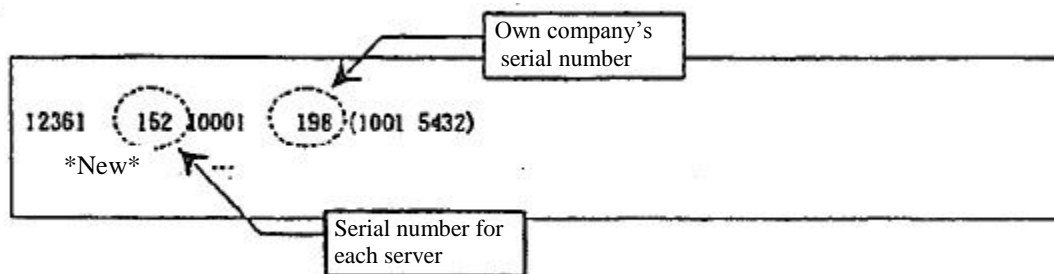
- From the above notification, regarding the notification for the input by client for “1”-“6”, “11”-“15”, and “18”-“20”, maximum of 3 places of Data servers (when there are multiple terminal servers) and Virtual servers (the virtual server which is set up for designated notification output destination (virtual)) besides above output destination, same contents of notification will be output.
- Also, for one way sending notification for “7”-“9”, “16”-“17”, and “21”, the same contents of a notification will be output to Virtual server (the virtual server which is setup by the central system) besides the above output destination.
- Also, about “18” (allocation notification) from the one way sending notification, the same contents of a notification will be output to the maximum of 3 places of Virtual servers and the old terminals (PTP set TCE) besides above output destinations.

## Chapter 13 About Notification

### 13-3 Regarding the Notification Serial Number

Each notification has a serial number which indicates the notification's output order for each notification group.

The Notification serial number has “own company's serial number” and “serial number for each server”, and it will be output on the header part of each notification.



#### ◆ Notification group that is in the same notification serial number type

Notification Group	Notification
◆ Order receive type notification group	Order receive notification· Error notification
◆ Agreement comes into effect type notification group	Agreement come into effect· Cancellation result notification· Change result notification Order failure notification· Stop value order list· Brand for large list
◆ Agreement situation print notification group	Agreement situation print
◆ Resale· buyback type notification group	Resale· buyback input result notification (includes correction· invalidity) Resale· buyback/ exercise of rights input result notification (includes correction· invalidity) Resale· buyback (For option trading exercise of rights)input result notification (includes correction· invalidity) Clearing margin calculation standard open interest input for consignment result notification (includes correction· invalidity)
◆ Open interest type notification group	Open interest notification (own company)· Open interest notification Clearing margin calculation standard open interest notification
◆ Allocation notification	Allocation notification

#### 13-3-1 Own company's serial number

It is a notification number that will be numbered by “market”, “notification group”, and “participant”.

Also, when each notification has same contents which will be output to multiple output destinations (terminal server· virtual server· data server), different numbers will be numbered for each output server unit.

#### 13.3-2 Serial number per server

It is a serial number assigned by “market”, “communication group” and” output server.

As a note that it will be different from own company serial number, in case same contents of each notification is output at the multiple destinations (PC server, virtual server and data server) and the different serial number will be assigned per output server.

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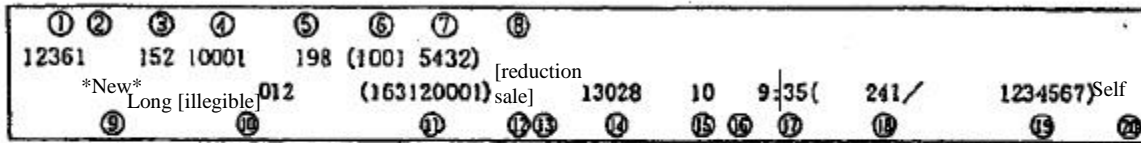
Reference\_065

13-4 Notification relates to order input

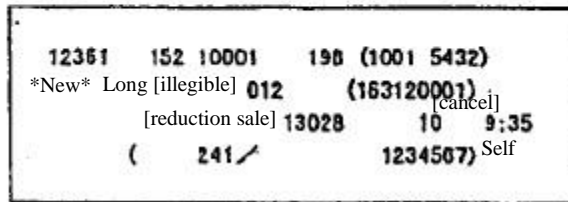
13-4-1 Order receive notification

When a new order is received at the central system, it will be output.

<Page/ dot printer>



<Receipt printer>



Item	Output Item	Output Contents
1	Server number	<ul style="list-style-type: none"> <li>◆ Terminal server number which is output</li> <li>◆ When it is acting for the other server's notification output, it is a server number of the procurator.</li> </ul>
2	Double/ resend code	<ul style="list-style-type: none"> <li>◆ Normally, it is Space.</li> <li>◆ When recovering from the difficulty, if there is a possibility that the notification is overlapped at the time of asking someone for backup and at the release of backup, the double code will be "Double".</li> <li>◆ On the notification which is output again by the request of resending will have a resend code "Re".</li> </ul>
3	Serial number for each server	The number which the central system adds by the market unit, the notification type unit, and output destination server unit.
4	Own company's code	Own company's code
5	Own company's serial number	The number the central system adds by market unit, notification type unit, participant unit.
6	Input server number	Input terminal number which input the subject order
7	User ID	When the client who input the order uses the password function, it is the user ID which is input when requesting for input right.
8	Input serial number	<ul style="list-style-type: none"> <li>◆ Normally, it is a Space</li> <li>◆ When the notification which relates to the order that is input from the virtual server (connection between systems) is output, it is a serial number for the subject order.</li> </ul>
9	For each data	"*New*" which indicates it is for the new order received notification.
10	Brand name	Brand name

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## Chapter 13 Regarding Notifications

Item	Output Item	Output Contents
11	Brand code	Subject brand's 9 digits unified identification code which is set by Security certificates code council.
12	Execution condition	<ul style="list-style-type: none"> <li>◆ Contribution condition: "[Con]"    ◆ Bulk order input A type: "7"</li> <li>◆ [Close] condition: "[Close]"    ◆ Bulk order input B type: "9"</li> <li>◆ Failure condition: "[F]"    ◆ Bulk order input A with contribution condition: "2"</li> <li style="padding-left: 100px;">◆ Bulk order input A with [Close] condition: "4"</li> <li style="padding-left: 100px;">◆ Bulk order input A with Failure condition: "6"</li> </ul>
13	Sell/ buy	<ul style="list-style-type: none"> <li>◆ Selling order: "Sell"</li> <li>◆ Buying order: "Buy"</li> </ul>
14	Ordering price	<ul style="list-style-type: none"> <li>◆ Limit price: input price</li> <li>◆ Outcome: "outcome"</li> </ul>
15	Ordering amount	Ordering amount
16	Limit cancellation code	When ordering to cancel input amount limit at the time of the subject new order input, the limit cancelling code is "cancel"
17	Received time	At the time which the central system received the subject new order (24-hour)
18	Order number	The number which is added by the central system by the order of receiving order by market unit.
19	Company number	<ul style="list-style-type: none"> <li>◆ The number for the company process which is input at the time of inputting the subject new order.</li> <li>◆ When it is not input, it will be a Space.</li> </ul>
20	Management item	<ul style="list-style-type: none"> <li>◆ Self-order: "Self"</li> <li>◆ Indent: "Indent"</li> </ul>

13-4-2 Notice of contract establishment

When a contract is established in business except the spread business, it is output.

<Page dot/ printer>

①	②	③	④	⑤	⑥	⑦													
12361	152	10001	198	(1001	5432)														
*Contract *long-term national bond P012-130 (113123001) Sale 112 beginning 10P (remain 10) 9:35 B2( 13/																			
⑧			⑨		⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	⑳				

1234567890) consigned		
⑳	㉑	㉒

<Receipt printer>

12361	152	10001	198	(1001	5432)	*Contract
* long term national bond P012-130 (113123001)						
Sale 112 beginning 10P (remain 10) 9:35						
B2( 13/ 1234567890) consigned						

Item number	Output item	Output contents
1	Server number	Same as “notice of order receptionist”
2	Repeating/ Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company Serial number	
6	Input terminal number	The input terminal number that input the concluded contract orders
7	User ID	When the client who inputs the concluded contract order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Data classification	It is showed that it is a promise establishment notice”*contract*”
9	Brand name	The order details that contract is concluded
10	Brand code	
11	Buy/sell	◆ Sales contract determined: “Sales” ◆ Purchasing contract determined “Purchasing”
12	Matching code	About the cross trading (excluding itayose method) in between the same participants during market hour , it would be the both when the contract amount is the same at purchase and sale, it would have matching code “#” for a fewer amount when it is different.

Item number	Output item	Output contents
13	Order price	Contract price
14	Price code	<ul style="list-style-type: none"> <li>◆ Starting value: "Start"</li> <li>◆ Price of trading in itayose method: "Board"</li> <li>◆ Closing value or closing value and starting value: "Close"</li> <li>◆ Closing value that is established by an indication sign reversal (included the case of the same value): "G"</li> <li>◆ When it is proration by the contract price at the end of operation of the day in transacted excluding bond future market, it is a purchasing order when proration is high, it is a selling order when proration is low." S"</li> </ul>
15	Contract amount	Contract amount
16	Result code	<ul style="list-style-type: none"> <li>◆ The inner result: "P"</li> <li>◆ Remaining number is completed with promises after the inner result: "E"</li> </ul>
17	Remaining order amount	Remaining order amount after the contract of the order that is concluded
18	Contract time	The time when the contract is concluded (24:00 indication)
19	Contract number	The number that is added by the central system according to the contract establishment order with a market unit,
20	Order number	The order contract which is concluded
21	Company number	
22	Management item	

13-4-3 Spread contract establishment notice

When a contract is established in spread business, it is output.

<Page dot/ printer>

```

① ② ③ ④ ⑤ ⑥ ⑦
12362 10 10001 13 (1003 5432)
*Contract *TPX SP012-103 (183120105) Sale -10 10P (remain 200) 9:35 B2( 13/
⑧ ⑨ ⑩ ⑪⑫ ⑬⑭ ⑮⑯ ⑰ ⑱ ⑲ ⑳
***TOPIX 012 (163120005) Sale 13240 / TOPIX 103 (16430005) purchasing
㉓ ㉔ ㉕㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜
    
```

```

1234567890) self
          ㉑ ㉒
13230          ***
          ㉓ ㉔ ㉕
    
```

<Receipt printer>

```

12361 152 10001 198 (1001 5432)
*Contract * TPX SP012-130 (163120105)
Sale -10 10P (remain 200) 9:35
B2( 13/ 1234567890) self
      TOPIX 012 (163120005)
      Sale 13240
      TOPIX 103 (164030005)
      Purchase 13230
    
```

Item	Output item	Output contents
1	Server number	Same as “Notice of order receptionist”
2	Repeating/ Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company Serial number	
6	Input terminal number	Same as “Notice of contract establishment”
7	User ID	
8	Data classification	
9	Brand name	
10	Brand code	
11	Buy/sell	

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Item	Output item	Output contents
12	Matching code	
13	Order price	
14	Price code	
15	Contract quantity	
16	Result code	
17	Remaining order quantity	
18	Contract time	
19	Contract number	
20	Order number	
21	Company number	
22	Management items	
Nearby month information		
23	Brand name	Brand name of nearby month
24	Brand code	Brand code of nearby month
25	Buy/sell	Buying and selling division in nearby month
26	Matching code	<ul style="list-style-type: none"> <li>◆ In the case of TOPIX forward spread transaction, it is space.</li> <li>◆ In case of long term national bond forward spread transaction, about cross trading (excluding itayose method) in between the same participants when contract is included on the board of individual term of delivery, the matching code is “#” when the contract quantity is a double and the same or fewer of sale and purchase quantity.</li> </ul>
27	Price quotation	Price quotation of nearby month when spread transaction is established.
28	Contract number	<ul style="list-style-type: none"> <li>◆ In the case of TOPIX forward spread transaction, it is space.</li> <li>◆ In case of long term national bond forward spread transaction, The contract establishment number when it signed a contract on the board of individual term of delivery.</li> </ul>
Forward month information		
29	Brand name	Brand name of forward month
30	Brans code	Brans code of forward month
31	Sales/purchasing	Buying and selling division in forward month
32	Matching code	<ul style="list-style-type: none"> <li>◆ In the case of TOPIX forward spread transaction, it is space.</li> <li>◆ In case of long term national bond forward spread transaction, about cross trading (excluding itayose method) in between the same participants when contract is concluded on the board of individual term of delivery, the matching code is “#” when the contract quantity is a double and the same or fewer of sale and purchase quantity.</li> </ul>
33	Price quotation	Price quotation of forward month when spread transaction is established.
34	Contract number	<ul style="list-style-type: none"> <li>◆ In the case of TOPIX forward spread transaction, it is space.</li> <li>◆ In case of long term national bond forward spread transaction, The contract establishment number when contract is concluded on the board of individual term of delivery.</li> </ul>

13-4- 4 Notice of cancellation result

After a cancellation order is input and cancellation processing is completed, it is output.

<Page dot/ printer>

```

①  ②  ③  ④           ⑤  ⑥  ⑦                               12362
3 1001      4 (1005 9999)
*Cancel *TPX P012-1300 (133123005)   Not for sale  05    10  10:43 (   13/  1003) self
⑧                ⑨                ⑩                ⑪⑫                ⑬    ⑭  ⑮                ⑯  ⑰  ⑱
                (1006-1111)                0    10:58
                ⑲    ⑳                ㉑    ㉒
                Some cancellation (Cancel  8) (The inner result  2)
                ㉓    ㉔                ㉕                ㉖
    
```

<Receipt printer>

```

12362    3    10001  4 (1005 9999)
*Cancel * TPX P012-1300 (1331123005)
        Not for Sale  05        10  10:43
        (   13/        1003) self
(1005 1111)                0  10:58
        Some cancellation (Cancel  8)
                (The inner result  2)
    
```

Item number	Output item	Output contents
1	Server number	Same as “notice of order receptionist”
2	Repeating/ Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company          Serial number	
Eligible cancel order details		
6	Input terminal number	The input terminal number that input the eligible cancel orders.
7	User ID	When the client who inputs the eligible cancel order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Data classification	It is showed that it is a cancellation result notice”*cancel*”
9	Brand name	Eligible cancel order details
10	Brand code	
11	Execution condition	
12	Buy/sell	
13	Order price	
14	Order quantity	
15	Receipt time	

Chapter 13 About a notice

Item number	Output item	Output contents
16	Order number	
17	Company number	
18	Management items	
Canceled order · cancel result details		
19	Input terminal number	The input terminal number that input the cancelled orders.
20	User ID	When the client who inputs a cancelled order uses the password function, the user ID which is inputted at the time of an input qualification is requested.
21	Remaining order quantity	“0”
22	Cancellation time	The time that the cancel processing is performed at central system.
23	Cancellation message	<ul style="list-style-type: none"> <li>◆”All quantities cancellation”</li> <li>◇When all quantities of eligible cancellation orders are processed for cancellation as specified.</li> <li>◆”A part of cancellation</li> <li>◇In case of the only a part of quantity is processed for cancellation because there is an inner result quantity (promised quantity) in the eligible cancellation orders.</li> <li>◆”It is irrevocable partly”</li> <li>◇Cancellation is not accepted about a part of the quantity of eligible cancellation orders.</li> <li>◆”All quantities are promised.”</li> <li>◇When eligible cancellation orders are already all quantities are promised.</li> <li>◆”Opening value is determined”</li> <li>◇When it tries to cancel the order with the contribution condition after opening value decision.</li> </ul>
24	Cancellation quantity	<ul style="list-style-type: none"> <li>◆Quantity that is cancelled.</li> <li>◆It is space when there is the quantity.</li> </ul>
25	Promised quantity	<ul style="list-style-type: none"> <li>◆ The inner result quantity (quantity of concluded contract)</li> <li>◆It is space when there is no the relevant quantity.</li> </ul>
26	Quantity that is impossible to cancel	<ul style="list-style-type: none"> <li>◆Quantity that is impossible to cancel.</li> <li>◆It is space when there is no the relevant quantity.</li> </ul>

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13-4-5 Notice of changing result

After a changing order is input and changing processing is completed, it is output.

<Page dot/ printer>

```

① ② ③ ④      ⑤ ⑥ ⑦
12362 12 10001      56 (1004 )
*Change *Sony P012-9500 (224016758) Purchase 205 10 13:21 ( 123/ 5021) consigned
      ⑧      ⑨      ⑩      ⑪⑫      ⑬      ⑭      ⑮      ⑯      ⑰      ⑱
      (1005-9999)      5 14:05      ( )
      ⑲      ⑳      ㉑      ㉒      ㉓      ㉔      ㉕      ㉖
      All quantity change (Reduction 3) (The inner result 2)
      ㉗      ㉘      ㉙      ㉚
    
```

<Receipt printer>

```

12362 12 10001 56 (1004 )
*Change * Sony P012-0500 (224016750)
      Purchase 205 10 13:21
      ( 123/ 5021) consigned
      (1005 9999) 5 14:05
      All quantity change (Reduction 3)
      (The inner result 2)
    
```

Item number	Output item	Output contents
1	Server number	Same as “notice of order receptionist”
2	Repeating/ Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company Serial number	
Eligible changed order details		
6	Input terminal number	The input terminal number that input the eligible changed orders.
7	User ID	When the client who inputs the eligible changed order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Data classification	It is showed that it is a changed result notice”*change*”
9	Brand name	Eligible changed order details
10	Brand code	
11	Execution condition	
12	Buy/sell	
13	Order price	
14	Order quantity	
15	Receipt time	

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Item number	Output item	Output contents
16	Order number	
17	Company number	
18	Management item	
Changed	order · changed result	details
19	Input terminal number	The input terminal number that input the changed orders.
20	User ID	When the client who inputs a changed order uses the password function, the user ID which is inputted at the time of an input qualification is requested.
21	Execution condition after a change	<ul style="list-style-type: none"> <li>◆Execution condition after a change</li> <li>◆In the case of condition eras ion, “delete”</li> <li>◆Space when it doesn’t and can’t change.</li> </ul>
22	Order price after a change	<ul style="list-style-type: none"> <li>◆Order price after a change</li> <li>◆Space when it doesn’t and can’t change.</li> </ul>
23	Order quantity after a change	<ul style="list-style-type: none"> <li>◆Order quantity on price after a change, or the amount reduction</li> <li>◆”0” when there is not applicable amount.</li> </ul>
24	Cancellation time	The time that the cancel processing is performed at central system.
25	Company number after a change	<ul style="list-style-type: none"> <li>◆Company number after a change.</li> <li>◆Space when it doesn’t and can’t change.</li> </ul>
26	Management item after a change	<ul style="list-style-type: none"> <li>◆Management item after a change (each of self · consigned)</li> <li>◆Space when it doesn’t and can’t change.</li> </ul>
27	Cancellation message	<ul style="list-style-type: none"> <li>◆”Changing all quantities”</li> <li>◇ In case of all quantities of eligible changing orders are processed for change as specified.</li> <li>◆”Partial change”</li> <li>◇In case of the only a part of quantity is processed for a change because there is an inner result quantity (promised quantity) in the eligible changing orders.</li> <li>◆”It is irrevocable partly”</li> <li>◇Change is not accepted about a part of the quantity of eligible changing orders.</li> <li>◆”All quantities are promised.”</li> <li>◇When eligible changing orders are already all concluded contract quantities.</li> <li>◆”Opening value is determined”</li> <li>◇When it tries to change the order with the contribution condition after opening value decision.</li> </ul>
28	Reduction amount	<ul style="list-style-type: none"> <li>◆Reduced quantity.</li> <li>◆Space when there is no the relevant quantity.</li> </ul>
29	Concluded contract quantity	<ul style="list-style-type: none"> <li>◆The inner result quantity (concluded contract quantity)</li> <li>◆It is space when there is no the relevant quantity.</li> </ul>
30	Quantity that is impossible to reduce	<ul style="list-style-type: none"> <li>◆Quantity that is impossible to reduce.</li> <li>◆It is space when there is the quantity.</li> </ul>

## 13-4- 6 Notice of the invalidation order

When an invalidation order of transaction is failure in case of this execution condition, it will be output.

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①	②	③	④	⑤	⑥	⑦	⑧	12362
54	10001	87	(1001 5432)	Failure (continuous trading session closes)				
* Invalidation	* long-term national bond	012	(163120001)	Closing sale	At market	250	14:33 ( 1254/ 10076)	self
⑨	⑩	⑪	⑫⑬	⑭	⑮	⑯	⑰	⑱

<Receipt printer>

12361	54	10001	87 (1001 5432)
Failure (trading closes)			
* Invalidation	* long-term national bond	012 (163120001)	
Closing sale		At market	250 14:33
(	1254/		10076) self

Item number	Output item	Output contents
1	Server number	Same as “notice of the order receptionist”
2	Repeating/ Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company serial number	
6	Input terminal number	The input terminal number that input the invalidation order
7	User ID	When the client who inputs the invalidation order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Invalidation reason message	<p>◆” Failure”</p> <p>◇When it is invalidated because of a transaction failure.</p> <p>◇When it is invalidated by the contract failure because of price subordination.</p> <p>◇When it is invalidated by the contract failure because of the ranking of the simultaneous order.</p> <p>◆” Failure (the inner result quantity)”</p> <p>◇When it is invalidated because a part of orders becomes the contract failure by the ranking of the simultaneous order.</p> <p>◆” Failure (continuous trading session closes)”</p> <p>◇When it is invalidated because there is no transaction to determine a contract price at closing time for a trading.</p>
9	Data classification	It is showed that it is an invalidation order notice”*Invalidation*”
10	Brand name	Invalidation order details
11	Brand code	
12	Execution condition	

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Item number	Output item	Output contents
13	Buy/sell	
14	Order price	
15	Order quantity	
16	Receipt time	
17	Order number	
18	Company number	
19	Management item	

\* Output priority of the notices of invalidation order is order of, 1. Selling>Purchasing, 2. Market trading with no limit > Limit price, 3. High price> Low price, 4. Small order number>Big order number.

13-4-7 Notice of error

When an input order has an error by a check at the central system, a notice of error is output.  
 For a notice of error, it is divided into "error B" and "error C" by the detection stage of the error in the central system.

- ◇ “Error B”: In case of an error is detected when the central system receives an order.
- ◇ “Error C” : In case of an error is detected when the central system processes data,  
 \*After receiving orders, an error is detected in “Error C” when data is processed,  
 About a new order, "New error C notice" depending on the relevant order is output  
 after "Order reception desk notice" is output.

13-4-7-1 New error notice

When a new input order has an error by a check at the central system, a notice of error is output.

<Page dot/ printer>

①	②	③	④	⑤	⑥	⑦	⑧												
12362	51	10001		B9	(1009	0000)													
(New error B Limited price range is over ) TOPIX 012 (163120001) closing sale 13028 100 solution																			
	⑨			⑩			⑪		⑫	⑬⑭		⑮	⑯⑰						

( / 10076) self
⑱ ⑲ ⑳

<Receipt printer>

12362 51 10001 89 (1009 0000)
(New error B Limited price range is over)
TOPIX 012 (163120001)
Closing sale 13028 100 solution
( / 10076) consigned

Item number	Output item	Output contents
1	Server number	Same as “notice of the order receptionist”
2	Repeating/ Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company serial number	



	Output item	Output contents
6	Input terminal number	The input terminal number that input the new order which is error.
7	User ID	When the client who inputs the eligible changed order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Input serial number	◆Normally, it is a space. ◆Input a serial number of the order when error notice which is getting from an input order by a virtual server (connection between systems) is output
9	Data classification	◆It has to be an error notice for the new order and it shows error division “ new error B” or “new error C” ◆However, “One order error B” only when the order that input from "bulk order input window" becomes error B
10	Error message	The error message that shows error details. *<Error message list> Reference
11	Brand name	Same as “notice of the order receptionist”  ◆Details are specified when new order is input ◆About statement number ◇Space for Error B ◇Order number for Error C
12	Brand code	
13	Execution condition	
14	Buy/sell	
15	Order price	
16	Order quantity	
17	Limited remove code	
18	Order number	
19	Company number	
20	Management item	

13-4-7.2 Notice of cancel error

When an input cancel order has an error by a check at the central system, a notice of error is output.

<Page dot/ printer>

①	②	③	④	⑤	⑥	⑦		
12362	54	10001	97	(1003 0000)				
(Cancel error C	An applicable order is invalid)	TOPIX C012	(143123205)	sale	(	100		
⑧	⑨	⑩	⑪	⑫	⑬	⑭		

/	)
⑮	

<Receipt printer>

12362	54	10001	97	(1003 0000)
(Cancel error C	the relevant order is invalid)	TOPIX 0012-1325	(143123205)	
	Sale	(	100 /	)

Item number	Output item	Output contents
1	Server number	Same as “notice of the order receptionist”
2	Repeating/Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company serial number	
6	Input terminal number	The input terminal number that input the cancel order which is error.
7	User ID	When the client who inputs the eligible changed order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Data classification	It has to be an error notice for the cancel order and it shows error division “cancel error B” or “cancel error C”
9	Error message	The error message that shows error details. *<Error message list> Reference
10	Brand name	The same as “notice of the order receptionist”
11	Brand code	
12	Buy/sell	◆Details of a eligible cancellation order specified when a cancellation order is input
13	Order price	◆Output ”Buy/sell” and “Order price” only when it is specified
14	Order number	◆Number of either specified one for “Order number” · ”company number”

Item number	Output item	Output contents
15	Company number	

13-4-7.3 Notice of change error

When an input change order has an error by a check at the central system, a notice of error is output.

<Page dot/ printer>

```

① ② ③ ④      ⑤ ⑥ ⑦
12361 39 10001 54 (1002 2359)
(Change error B Change combination difference) long-term national bond C012-130 (123123001) sale
      ⑧          ⑨                                ⑩          ⑪          ⑫
                                           Opening  At market  10
                                           ⑬          ⑭          ⑮
    
```

```

(      /      10076)
  ⑬          ⑭
(      12076) Self
          ⑰ ⑱
    
```

<Receipt printer>

```

12361 39 10001 54 (1002 2359)
(Change error B Change combination difference)
Long-term national bond P012-130 (113123001)
Sale
( /      10076)
Opening  At market  10
(      12076) Self
    
```

Item number	Output item	Output contents
1	Server number	Same as “notice of the order receptionist”
2	Repeating/Retransmission code	
3	Serial number in each server	
4	Company code	
5	Company serial number	
6	Input terminal number	The input terminal number that input the change order which is error.
7	User ID	When the client who inputs the eligible changed order uses a password function, the user ID which is inputted at the time of an input qualification is requested.
8	Data classification	It has to be an error notice for the change order and it shows error division “change error B” or “change error C”
9	Error message	The error message that shows error details. *<Error message list> Reference

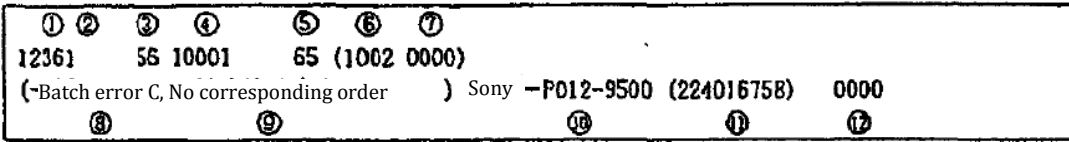
S Chapter 13: About Notification

Item Number	Output Field	Output Content
10	Stock name	Same as "Order Receipt Notification"
11	Stock code	
12	Sell / Buy	* Details of Changes given to the order during input * Only applies when output of "Sell/Buy" and "Order Price" are designated * Regarding "Order Number", "Internal Number", it will be the one that is eventually designated that is the number to use.
13	Order Price	
14	Order Number	
15	Internal Number	
16	Execution Conditions After Changes	
17	Order Price After Changes	* The changed details that are designated during the Order Input changes
18	Removing Region Number	
19	Internal Number After Changes	
20	Control Item After Changes	

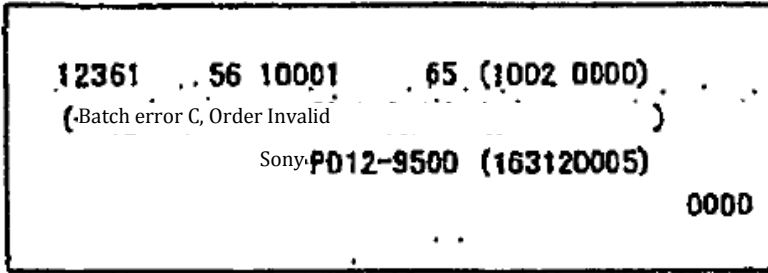
13-4-7.4 Batch Error Notification

It will output as an error when the central system checks for inputted batch cancel instructions take place.

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Item Number	Output Field	Output Content
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Company Code	
5	Company Sequence Number	
6	Data type	Inputted Data type Number when a batch cancellation occurs as a result of an error
7	User ID	Designated User ID when using a client utilizing the password functionality when a batch cancellation occurs as a result of an error.
8	Data Classification	Batch cancellation error notification and classification displayed "Batch Error B" or "Batch Error C"
9	Error Message	Error details displayed in error message * <General Error Message>
10	Stock Name	Same as "Order Receipt Notification"
11	Stock Code	
12	Designated Terminal Number	Designated Terminal Number that is displayed during a Batch Cancellation

Chapter 13 About Notification

< General Error Message >

\* Current Error Notification

Item Number	Error Message	Causes
1	Outside Trading Hours	Orders received outside of trading hours
2	Stock Code	Stock name that is not traded is designated
3	Confirmed Opening Price	Execution of conditions of "contribution" for the order after the fixed opening price
4	Over the Price Range Limit	Order price exceeds the price range limit.
5	Order Price	There is an issue with the designated order price. * An order price with enforced conditions set to "0" (limit orders) become executed orders
6	Failure	When a B method batch order becomes invalid and expires due to failure.
7	No Output Virtual Server	When the designated virtual server of the notification output destination does not exist.
8	Unit Price	When a Call price unit's order price cannot be designated
9	Restricted Market Order	When the "unlimited order" price or "limit" order price enforced conditions are designated to the Restricted Market Order Stock.
10	Suspended Trading	When a Stock with suspended trading has order placed.
11	Impediment Suspension	When a stock with impediment suspension has order placed.
12	Terms of Execution	When there is a conflict with the set terms of execution.
13	Sell / Buy	When there is a conflict with the set Sell / Buy instructions.
14	Order Volume	When there is a conflict with the set Order Volume.
15	Internal number	When there is a conflict with the set Internal number
16	Control Item	When there is a conflict with the Control Item

\* Error Notification for Cancellation

Item Number	Error Message	Causes
1	Outside Trading Hours	When orders are placed outside of trading hours
2	Stock Code	When incorrect stock name is entered
3	Over the Range Limits	When the order price exceeds the restricted price range
4	No Corresponding Price	When there is no order placed to the corresponding price
5	No Corresponding Number	When there is no set order number / internal number placed to the order
6	Invalid Corresponding Order	* When a cancellation order has a specified cancellation order placed. * When orders with only changes to the price are set, a specified cancellation is already in place. * When an expired order has specified cancellation in place. * An invalid order before a suspended trading order is placed with specified cancellation in place.

Item Number	Error Message	Causes
7	No Output Virtual Server	When the designated virtual server of the notification output destination does not exist.
8	Unit Price	When a Call price unit's order price cannot be designated
9	Restricted Market Order	When the "unlimited order" price or "limit" order price enforced conditions are designated to the Restricted Market Order Stock.
10	Suspended Trading	When a Stock with suspended trading has order placed.
11	Impediment Suspension	When a stock with impediment suspension has order placed.
12	Sell / Buy	When there is a conflict with the set Sell / Buy instructions.
13	Order Price	When there is a conflict with the set Order Price.
14	Order Number	When there is a conflict with the set Order Number.
15	Internal number	When there is a conflict with the set Internal number

\* Error Notification for Changes

Item Number	Error Message	Causes
1	Outside Trading Hours	When orders are placed outside of trading hours
2	Stock Code	When incorrect stock name is entered
3	Over the Range Limits	When the order price exceeds the restricted price range
4	No Corresponding Price	When there is no order placed to the corresponding price
5	No Corresponding Number	When there is no set order number / internal number placed to the order
6	Invalid Corresponding Order	<ul style="list-style-type: none"> <li>* When a cancellation order has a specified cancellation order placed.</li> <li>* When orders with only changes to the price are set, a specified cancellation is already in place.</li> <li>* When an expired order has specified cancellation in place.</li> <li>* An invalid order before a suspended trading order is placed with specified cancellation in place.</li> </ul>
7	Changes in Execution Conditions	<ul style="list-style-type: none"> <li>* When changes in execution conditions for the order changes are identical to after the changes of execution conditions. (This excludes when simultaneous change orders to prices are designated)</li> <li>* When changes of Execution Conditions are already designated.</li> </ul>
8	Set Opening Price	Execution of conditions of "contribution" for the order after the fixed opening price
9	Changes in Order Price	<ul style="list-style-type: none"> <li>* When change request of order price and changes after order price are identically. (This excludes when simultaneous changes in execution conditions are designated)</li> <li>* When changes of Order price are conflicting.</li> </ul>
10	Exceeding Original Order Volume	When order volume exceeds the original order volume
11	Discrepancy in Modified Combination	When modifications to a combination cannot be specified concurrently
12	No Output Virtual Server	When the designated virtual server of the notification output destination does not exist.
13	Unit Price	When a Call price unit's order price cannot be designated
14	Restricted Market Order	When the "unlimited order" price or "limit" order price enforced conditions are designated to the Restricted Market Order Stock.
15	Suspended Trading	When a Stock with suspended trading has order placed.
16	Sell / Buy	When there is a conflict with the set Sell / Buy instructions.

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Chapter 13 About Notification

Item Number	Output Item	Output Details
17	Order Price	When there is a conflict with the set Order Price.
18	Order Number	When there is a conflict with the set Order Number.
19	Internal Number	When there is a conflict with the set Internal Number
20	Order Volume	When there is a conflict with the set Order Volume.
21	Changes to Internal Number	When there is a conflict with the set Internal Number.
22	Changes to Control Item	When there is a conflict with the set Control Item.

\* Batch Error Notification

Item Number	Error Message	Causes
1	Outside Trading Hours	When orders are placed outside of trading hours
2	Stock Code	When incorrect stock name is entered
3	No Corresponding Terminal	When a non-existent terminal number is designated.
4	No Corresponding Number	When the corresponding order during a cancellation order does not exist on the board.
5	Stock Type	When a stock type that cannot execute a cancellation order is designated.

13-5 Notifications related to Trading Conditions

13-5-1 Stop Value Order List

Execution price of trading at the end of the day is determined by the stop price that is outputted to the case where the order of the company has been subjected to stop allocation.

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲	㉑	
12361	1	10001	151																	
*** Stop Value Order List ***																				
長信 P012-130 (113123001)										Stop Price	001	Volume Distribution	15							
12361	1	10001	152 (1001 5432)	31	天	001	20	14:22	879	10092	㉑									
12361	1	10001	153 (1001 )	31	天	001	20	14:45	987	10101	㉑									
* PRINT END *																				

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Company Code	
5	Company Sequence Number	
6	Print Title	*** Stop Value Order List ***
7	Stock Name	The stop is the Designated User ID when using a client utilizing the password functionality when a batch cancellation occurs as a result of an error.
8	Stock Code	Stock name during a stop allocation target
9	Stop Price	
10	Distribution Volume	Same as "Order Receipt Notification"
11	Title	Title of a stop allocation target order
12	Terminal Number	Designated Terminal Number that is inputted during a Stop Allocation Target order
13	User ID	Designated User ID when using a client utilizing the password functionality during a stop allocation target order.
14	Changes in Execution Conditions	Order details of stop allocation target
15	Sell / Buy	
16	Order Price	
17	Invalid Order Volume	
18	Time Received	
19	Order Number	
20	Internal Number	
21	Control Item	

Order output priorities are 1) Market order, 2) Market Order on Close, 3) Invalid Order, 4) Stop Value Limit Order, 5) Stop Value Closed Limit Order. Orders are accepted according to these conditions.

Chapter 13 About Notification

13-5-2 Large Block Stock List

After the end of the trading day, a large block of transaction details is outputted.

The screenshot shows a terminal window with the following content:

```

12361 1 10001 154 *** Large Block Stock List ***
12361 1 10001 155 [illegible] 012 (163120001) 13023 250 9:00
12361 1 10001 156 元(1001 5432) 200 ( 56/ 10062) 委
12361 1 10001 157 (1001 ) 100 ( 99/ 101) 自
12361 1 10001 158 元(1001 5432) 200 ( 57/ 10063) 委
12361 1 10001 159 (1001 5432) 50 ( 123/ 89) 自
12361 1 10001 160 [illegible] 012 (163120001) 13033 150 14:23
12361 1 10001 161 元(1001 5432) ( 1456/ 10132) 委
12361 1 10001 162 元(1001 5432) ( 1457/ 10133) 委
* PRINT END *
    
```

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Print Title	*** Large Block Stock List ***
Large Block Transaction Details		
7	Stock Name	Established stock name during a large block transaction
8	Stock Code	
9	Counterparty Transaction Market Price	Established contractual price during a large block transaction
10	Price symbol	Same as the "Contractually Established Notification"
11	Counterparty Volume	Counterparty volume during a large block transaction
12	Contract period	Enforced contract period during a large block transaction
Large Block Transaction Order Details		
- For Itayose based large block transactions, continuous transactions committed by a company will have its buy/sell order details outputted.		
- For continuous trading session with large block transaction, the corresponding buy and sell transaction is formed one by one		
13	Buy/Sell Classification	Buy/Sell classification during a large block transaction
14	Terminal Number	Terminal number during a large block transaction
15	User ID	Designated User ID when using a client utilizing the password functionality during a large block transaction

Item Number	Output Item	Output Details
16	Contract Volume	- For Itayose based large block transactions, continuous transactions committed by a company will have its contract volume order details outputted - For continuous trading session with large block transaction, a space.
17	Order Number	Order Number during a large block transaction
18	Internal Number	Internal Number during a large block transaction
19	Control Item	Control Item during a large block transaction

Chapter 13 About Notification

13-5-3 Print Contract Status

The contractual volume of each type of securities after trading hours has its transactional details outputted.

13-15-3-1 Contract Status Print (Futures)

```

12361 110001 1 *** Contract Status Print (98.10.23)
ABC (10001) Before and after [illegible]

TOPIX Contract Status Print
1 Order quantity
Status Order New Changes Cancel
All Companies 1,299 857 74 368
Internal Companies 69( 5.2%) 48( 5.6%) 63( 5.6%) 15( 5.6%)

2 Number of contracts
Total Contract Invalid
All Companies 1,336 37
Internal Companies 77( 5.7%) 2( 5.4%)

3 Contract Volume
Gross Volume
All Companies 72,519
Buy Volume
Internal Companies 839( 6.7%) 682( 5.4%)

Transaction Value / VWAP
012 Transaction Value (Unit: Thousand yen)
All Companies 139,729,835
Internal Companies 7,044,830( 5.0%) 5,028,215( 4.0%)

VWAP
1307.7196
Sell VWAP Buy VWAP
1308.4480 1305.8503

Total of All Companies 103,699,800
Internal Companies 10,987,480( 6.7%) 8,915,365( 5.4%)

* PRINT END *
    
```

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Print Title	*** Contractual Status Print ***
7	Field Classification	"Before" or "Before and After" Field The information in the "Before" field for before end of trading hours The information in the "Before and After" field for after trading hours
8	Output date	Output date
9	Participant's Name	Internal Participant's Name and Internal Company Code
10	Securities Class Name	Securities Class Name

Item Number	Output Item			Output Details
11	Number of Orders	Gross Order	Total Company	Total Company Gross Number of Orders
			Internal	Internal Gross Number of Orders
			Ratio	Internal Gross Number of Orders / Total Company Gross Number of Orders (%)
		New	Total Company	Total Company New Orders
			Internal	Internal New Orders
			Ratio	Internal New Orders / New of Orders (%)
		Changes	Total Company	Total Company Changes
			Internal	Internal Changes
			Ratio	Internal Changes / Changes (%)
		Cancellation	Total Company	Total Company Cancellations
			Internal	Internal Cancellations
			Ratio	Internal Cancellations / Cancellation (%)
12	Number of Contracts	Contracts	Total Company	Total Company Contracts
			Internal	Internal Contracts
			Ratio	Internal Contracts / Contracts (%)
		Invalid	Total Company	Total Company Invalid Contracts
			Internal	Internal Invalid Contracts
			Ratio	Internal Invalid Contracts / Invalid Contracts (%)
13	Contract Volume	Total Company	Gross Volume	Total Company Contract Volume
			Sell Volume	Internal Selling Volume
		Internal	Ratio	Internal Selling Volume / Total Company Contract Volume (%)
			Buy Volume	Internal Buying Volume
			Ratio	Internal Buying Volume / Total Company Contract Volume (%)
14	Transaction Contract Value * Trading of other than TB Futures are displayed in "Thousand yen" units. TB Futures are displayed in "1 Dollar units" rounded to 2 decimal points.			
	Expiration Month	All Companies	Gross Value	Contract value for Expiration Month Gross Transactions of All Companies
		Internal	Sell Value	Internal Expiration Month Selling Value
	Ratio		Internal Expiration Month Selling Value / Contract value for Expiration Month Gross Transactions of All Companies (%)	
	Buy Value		Internal Expiration Month Buying Value	
	Ratio		Internal Expiration Month Buying Value / Contract value for Expiration Month Gross Transactions of All Companies (%)	
	All Expiration Months Total	All Companies	Gross Value	Contract value for All Expiration Months Gross Transactions of All Companies
		Internal	Sell Value	Internal All Expiration Months Selling Value
			Ratio	Internal All Expiration Months Selling Value / Contract value for All Expiration Months Gross Transactions of All Companies (%)
			Buy Value	Internal All Expiration Months Buying Value
	Ratio	Internal All Expiration Months buying Value / Contract value for All Expiration Months Gross Transactions of All Companies (%)		

Chapter 13 About Notification

Item Number	Output Item	Output Details
15	VWAP (Volume Weighted Average Price) * Trading of Futures (exclusive of TB Futures) have "yen value rounded up to 4 decimal places." Index Futures and TB Futures have "1 point rounded up to 4 decimal places."	
	All Companies	VWAP VWAP of All Companies
	Internal	Sell VWAP Selling VWAP of Internal
		Buy WWAP Buying VWAP of Internal

- Futures trading with a spread trading by "contract volume", "Transaction amount contract ", the spread contract portion will be combined and outputted.
- Regarding Spread, only the "Number of orders", "Number of Contracts" and "Contract Volume" will be outputted.

13-5-3-2 Contractual Status Print (Option)

① ② ③ ④ ⑤		⑥		⑦		⑧	
12361	10001	1	***	Contractual Status Print (Information)	45)	( 98.10.23 )	
ABC (10001)							
Long term futures OP							
① Number of Orders							
	Gross Orders	New	Changes	Cancellations			
Total Put Call	8,667	8,344	101	222			
	10,303	9,901	08	309			
Internal Put Call	97 ( 1.1%)	88 ( 5.6%)	3 ( 3.0%)	6 ( 2.7%)			
	101 ( 1.0%)	95 ( 1.0%)	1 ( 1.0%)	8 ( 2.6%)			
② Number of Contracts							
	Gross Contracts	Invalid					
Total Put Call	7,993	668					
	9,002	1,306					
Internal Put Call	93 ( 1.2%)	1 ( 0.1%)					
	101 ( 0.9%)	20 ( 1.5%)					
③ Contract Volume							
	Gross Volume						
Total Put Call	34,395						
	48,611						
Internal Put Call	Selling Volume			Buying Volume			
	504 ( 1.0%)			767 ( 5.4%)			
				1,005 ( 2.1%)			
Transaction Value							
Transaction Contract Value (Unit: 1,000,000 yen)							
Total Put Call	3,223,196			Contract Value (Unit: 1,000 yen)			
	4,277,750			Put Call			
	完全額			33,535,808			
Internal Put Call	31,792 ( 0.8%)			107,050 ( 3.3%)			
	51,092 ( 0.8%)			126,262 ( 3.2%)			
				Put Call			
				Selling Value			
				710,640 ( 1.6%)			
				Buying Value			
				1,243,950 ( 2.8%)			
				1,060,205 ( 2.4%)			
Total Put Call (All Companies)	6,465,362			67,071,615			
	9,722,160			99,652,140			
Total Put Call (Internal)	85,080 ( 1.3%)			168,740 ( 2.6%)			
	73,624 ( 0.8%)			188,940 ( 1.9%)			
				1,858,560 ( 2.8%)			
				1,840,800 ( 2.7%)			
				1,512,000 ( 1.5%)			
				1,999,950 ( 2.9%)			
* PRINT END *							

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Print Title	*** Contractual Status Print ***
7	Field Classification	"Before" or "Before and After" Field The information in the "Before" field for before end of trading hours The information in the "Before and After" field for after trading hours
8	Output date	Output date
9	Participant's Name	Internal Participant's Name and Internal Company Code



Item Number	Output Item			Output Details
10	Securities Class Name			Securities Class Name
11	Number of Orders	Gross Order	Total Company	Total Company Gross Number of Orders (Put/Calls, Same below)
			Internal	Internal Gross Number of Orders
			Ratio	Internal Gross Number of Orders / Total Company Gross Number of Orders (%)
		New	Total Company	Total Company New Orders
			Internal	Internal New Orders
			Ratio	Internal New Orders / New of Orders (%)
		Changes	Total Company	Total Company Changes
			Internal	Internal Changes
			Ratio	Internal Changes / Changes (%)
		Cancellation	Total Company	Total Company Cancellations
			Internal	Internal Cancellations
			Ratio	Internal Cancellations / Cancellation (%)
12	Number of Contracts	Contracts	Total Company	Total Company Contracts
			Internal	Internal Contracts
			Ratio	Internal Contracts / Contracts (%)
		Invalid	Total Company	Total Company Invalid Contracts
			Internal	Internal Invalid Contracts
			Ratio	Internal Invalid Contracts / Invalid Contracts (%)
13	Contract Volume	Total Company	Gross Volume	Total Company Contract Volume
			Internal	Sell Volume
		Internal	Ratio	Internal Selling Volume / Total Company Contract Volume (%)
			Buy Volume	Internal Buying Volume
			Ratio	Internal Buying Volume / Total Company Contract Volume (%)
			Transaction Contract Value * Trading of other than Options are displayed in "1,000,000 yen" units. Stock options are displayed in "1,000 yen units".	
Expiration Month	All Companies	Gross Value	Contract value for Expiration Month Gross Transactions of All Companies	
		Sell Value	Internal Expiration Month Selling Value	
	Internal	Ratio	Internal Expiration Month Selling Value / Contract value for Expiration Month Gross Transactions of All Companies (%)	
		Buy Value	Internal Expiration Month Buying Value	
All Expiration Months Total	All Companies	Gross Value	Contract value for All Expiration Months Gross Transactions of All Companies	
		Sell Value	Internal All Expiration Months Selling Value	
	Internal	Ratio	Internal All Expiration Months Selling Value / Contract value for All Expiration Months Gross Transactions of All Companies (%)	
		Buy Value	Internal All Expiration Months Buying Value	
Internal	Ratio	Internal All Expiration Months buying Value / Contract value for All Expiration Months Gross Transactions of All Companies (%)		

Item Number	Output Item	Output Details			
14	Contract Value * Trading of other than Options are displayed in "1,000 yen" units. Stock options are displayed in "1 yen units".				
	Expiration Month	All Companies	Gross Value	Contract value for Expiration Month Gross Transactions of All Companies	
		Internal	Sell Value	Internal Expiration Month Selling Contract Value	
			Ratio	Internal Expiration Month Selling Contract Value / Contract value for Expiration Month Gross Transactions of All Companies (%)	
			Buy Value	Internal Expiration Month Buying Contract Value	
			Ratio	Internal Expiration Month Buying Contract Value / Contract value for Expiration Month Gross Transactions of All Companies (%)	
		All Expiration Months Total	All Companies	Gross Value	Contract value for All Expiration Months Gross Transactions of All Companies
			Internal	Sell Value	Internal All Expiration Months Selling Contract Value
				Ratio	Internal All Expiration Months Selling Contract Value / Contract value for All Expiration Months Gross Transactions of All Companies (%)
	Buy Value			Internal All Expiration Months Buying Contract Value	
	Ratio	Internal All Expiration Months buying Contract Value / Contract value for All Expiration Months Gross Transactions of All Companies (%)			

\* Exchange contract amount is calculated based on exercise price base and the contract amount is calculated based on premium base.

Chapter 13 About Notification

13-6 Notification of Reselling/Buyback/Exercise Input

13-6-1 Reselling/Buyback Result Notification

The input of Reselling/Buyback of Futures will result in the following output.

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①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
12361	5	10001	7	(1001	5432)	Reselling/Buyback Result Notification			
				Reselling		Buyback		Current Open Interest Balance	
				Current	Previous	Current	Previous	Sell	Buy
TOPIX 012				0	15	0	3	1549	1382
Individual				⑬	⑭	⑮	⑯	⑰	⑱
								( 16:02 )	98.11.17

Receipt Printer

12361	5	10001	7	(1001	5432)	Reselling/Buyback Result Notification			
						( 16:02 ) 98.11.17			
TOPIX 012				Independent					
Reselling		Current	0	Previous	15				
Buyback		Current	0	Previous	3				
Current Open Interest Balance		Sell	1549	Buy	1382				

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Terminal Number	Input the corresponding volume number
7	User ID	Input the designated User ID when using a client utilizing the password functionality
8	Title	* For New entries, "Reselling/Buyback Result Notification" * To amend entry "**Amend * Reselling * Buyback Input Result Notification"
9	Time of Receipt	When the inputted entries reach the central server (24 hour display)
10	Output Date	Output Date
11	Stock Name	Inputted stock name
12	Independent / Consignment (Other)	Inputted Classification of Independent / Consignment
13	Current Resell Volume	For inputted current resell volume / buyback volume: * For new entries, previously empty field will be replaced with "0". * When making an amended entry, the previously empty field will be removed.
14	Existing Resell Volume	
15	Current Buyback Volume	

Item Number	Output Item	Output Details
16	Previous/Existing Buyback	*
17	Current Selling Interest Balance	When the inputted entries corresponds to the current selling interest balance.
18	Current Buying Interest Balance	When the inputted entries corresponds to the current buying interest balance.

Chapter 13 About Notification

13-6-2 Notification of Reselling/Buyback/Exercise Input

The input of Reselling/Buyback of Options will result in the following output.

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①	②	③	④	⑤	⑥	⑦		⑧		⑨	⑩			
12361	5	10001	7	(1001	5432)			Reselling/Buyback Result Notification		16:02	98.11.24			
								Reselling	Buyback	Current Open Interest Balance	Exercised			
								Current	Previous	Current	Previous	Sell	Buy	Volume
Sony	-P012-9600	Individual		0	22	0	7	50	105	0				
	⑪	⑫		⑬	⑭	⑮	⑯	⑰	⑱	⑲				

Receipt Printer

12361	5	10001	7	(1001	5432)			Reselling/Buyback Result Notification		( 16:02 )	98.11.24
Sony P012-9600 (OWN)											
Reselling	Current	-0	Previous	22							
Buyback	Current	0	Previous	7							
Current Open Interest Balance	Sell	50	Buy	105							
Exercised Volume	Sell	0									

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Terminal Number	
7	User ID	
8	Title	* For New entries, "Reselling/Buyback Result Notification" * To amend entry "**Amend * Reselling * Buyback Input Result Notification"
9	Time of Receipt	When the inputted entries reach the central server (24 hour display)
10	Output Date	Output Date
11	Stock Name	Inputted stock name
12	Independent / Consignment (Other)	Inputted Classification of Independent / Consignment
13	Current Resell Volume	For inputted current resell volume / buyback volume: * For new entries, previously empty field will be replaced with "0". * When making an amended entry, the previously empty field will be removed.
14	Existing Resell Volume	
15	Current Buyback Volume	

Item Number	Output Item	Output Details
16	Previous/Existing Buyback	*
17	Current Selling Interest Balance	When the inputted entries corresponds to the current selling interest balance (However, Current Open Interest Balance and corresponding volume is not included)
18	Current Buying Interest Balance	When the inputted entries corresponds to the current buying interest balance. (However, Current Open Interest Balance and corresponding volume is not included)
19	Exercised Volume Order	For inputted exercised volume: * For new entries, previously empty field will be replaced with "0". * When making an amended entry, the previously empty field will be removed. * For automatically exercised volume orders, it will be executed as the actual inputted volume regardless of the volume.

Chapter 13 About Notification

13-6-2 Notification of Reselling/Buyback/Exercise Input (Exercised Amount for Options Trading)

The exercise/allocation of Reselling/Buyback of Future Option will result in the following output.

< Page / Dot Printer >

①	②	③	④	⑤	⑥	⑦	⑧			
12361	1	10001	1	(1001	5132)	Reselling/Buyback Input Result Notification (Exercised Amount for Options Trading)				
						Current Open Interest Balance		Exercised	98.11.24	
		Reselling	Buyback			Current	Previous	Sell	Buy	Volume
		Current	Previous	Current	Previous					
Long-term government bonds		012	Individual	1	0	1549	1382			
		⑪	⑫	⑬	⑭	⑮	⑯			⑩

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12361	1	10001	1	(1001	5432)
Reselling/Buyback (Exercised Amount for Options Trading)					
Input Result Notification					
( 8:16 ) 98.11.17					
Long-term government bonds		012	Individual	1	0
L	Reselling			1	
F	Buyback			0	
Current Open Interest Balance		Sell	Buy	1549	1382

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Terminal Number	Input the corresponding volume number
7	User ID	Input the designated User ID when using a client utilizing the password functionality
8	Title	* For New entries, "Reselling/Buyback Input Result Notification (Exercised Amount for Options Trading) " * To amend entry "**Amend * Reselling * Buyback Input Result Notification (Exercised Amount for Options Trading) "
9	Time of Receipt	When the inputted entries reach the central server (24 hour display)
10	Output Date	Output Date
11	Stock Name	Inputted stock name
12	Independent / Consignment (Other)	Inputted Classification of Independent / Consignment

Item Number	Output Item	Output Details
13	Reselling Volume	For inputted exercised volume: * For new entries, previously empty field will be replaced with "0". * When making an amended entry, the previously empty field will be removed.
14	Buyback volume	
15	Exercised Selling Volume	When the exercised selling volume corresponds to the current interest balance.
16	Exercised Current Buying Interest Balance	When the exercised current buying interest balance corresponds to the current interest balance.



Chapter 13 About Notification

13-6-4 Notification after Reselling/Buyback/Exercise Input

Regarding the input of reselling/buyback volume of each market and its corresponding output.

\* In the case that instructions get exercised after completing the input of Reselling/Buyback, the corresponding receipt notification will be outputted and empty fields will be replaced with "0".

\* However, the empty fields replaced with "0" will not output result notification.

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```

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
12361 5 10001 7 (1001 5432) * * * Designated Futures > Completion and Receipt of Reselling/Buyback Input *** (16:22)
    
```

```

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
12361 5 10001 7 (1001 5432) * * * < Stock OP > Completion and Receipt of Reselling/Buyback/Exercised Amount Input *** (16:22)
    
```

```

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩
12361 5 10001 7 (1001 5432) * * * < Futures > Completion and Receipt of Reselling/Buyback/Exercised Options Amount Input *** (8:22)
    
```

< Receipt Printer >

```

12361 5 10001 7 (1001 5432)
< Designated Futures >
Completion and Receipt of Reselling/Buyback Input *** (16 : 22)
    
```

```

12361 5 10001 7 (1001 5432)
< Stock OP >
Completion and Receipt of Reselling/Buyback/Exercised Amount Input *** (16 : 22)
    
```

```

12361 5 10001 7 (1001 5432)
< Futures >
Completion and Receipt of Reselling/Buyback/Exercised Options Amount Input *** (8:22)
    
```

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Terminal Number	Input the corresponding volume number
7	User ID	Input the designated User ID when using a client utilizing the password functionality
8	Market Name	Market name displayed after completing input
9	Title	"Completion and Receipt of Reselling/Buyback Input ***" " "Completion and Receipt of Reselling / Buyback / Exercised Amount Input ***" " "Completion and Receipt of Reselling/Buyback/Exercised Options Amount Input ***" "
10	Output Date	When the inputted entries reach the central system (24 hour display)

Chapter 13 About Notification

13-6-2 Notification after Invalid Reselling/Buyback/Exercise Input

The invalid input of Reselling/Buyback will result in the following output.

< Page / Dot Printer >

Previous Day Amended Input		Reselling		Buyback		Current Open Interest Balance		16:02) 98.11.17	
		Current	Previous	Current	Previous	Buy	Sell		
TOPIX 012	Individual	0	15	0	3	1549	1382		

Previous Day Amended Input		Reselling		Buyback		Current Open Interest Balance		Exercised		16:02) 98.11.24	
		Current	Previous	Current	Previous	Buy	Sell	Volume			
Sony	PO12-9500 (Consign)	0	22	0	7	50	105	0			

Receipt Printer

12361	5 10001	7 (1001 5432)	Notification after Invalid Reselling/Buyback/Exercise Input				( 16:02 ) 98.11.17		
Previous Day Amended Input		(Reselling)		(Buyback)		Current Open Interest Balance			
TOPIX 012	Individual	(Current)	0	(Previous)	15	(Current)	0	(Previous)	3
		(Sell)	1549	(Buy)	1382				

12361	5 10001	7 (1001 5432)	Notification after Invalid Reselling/Buyback/Exercise Input				( 16:02 ) 98.11.17		
Previous Day Amended Input		(Reselling)		(Buyback)		Current Open Interest Balance		(Exercised Volume)	
Sony	PO12-9500 (Individual)	(Current)	0	(Previous)	22	(Current)	0	(Previous)	7
		(Sell)	50	(Buy)	105				

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Terminal Number	Input the corresponding volume number
7	User ID	Input the designated User ID when using a client utilizing the password functionality
8	Market Name	Market name displayed after completing input
9	Title	"Completion and Receipt of Reselling/Buyback Input ***" " "Completion and Receipt of Reselling / Buyback / Exercised Amount Input ***" "Completion and Receipt of Reselling/Buyback/Exercised Options Amount Input ***" "
10	Time of Receipt	When the inputted entries reach the central server (24 hour display)
11	Output Date	Output Date
12	Stock Name	Inputted stock name
13	Independent / Consignment (Other)	Inputted Classification of Independent / Consignment
14	Invalid Reselling Volume on Previous Day	Invalid Reselling/Buyback Volume
15	Invalid Buyback Volume on Previous Day	
16	Invalid Current Buyback Volume	
17	Invalid Existing Buyback Volume	
18	Reselling Current Balance	Corresponds to the input of current reselling balance
	Buyback Current Balance	Corresponds to the input of current buyback balance
	Exercised Volume	Corresponds to invalid exercised volume

Chapter 13 About Notification

13-7 Notification of Allocation

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
12361	1	10001	1	*Allocated	Long-term government bonds	012-130	(123123001)	(Individual)	10	(16:36)
12361	2	10001	2	*Allocated	Long-term government bonds	012-130	(123123001)	(Consign)	8	(16:36)
12361	3	10001	3	*Allocated	Long-term government bonds	012-129	(123122901)	(Individual)	5	(16:36)
12361	2	10001	3	--	<Futures OP> Allocation Notification Output Complete					

12361	1	10001	1	--	<Futures OP> No Allocation Volume					
-------	---	-------	---	----	-----------------------------------	--	--	--	--	--

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Allocation Notification	The message, "**Allocated**" will display as an allocation notification.
7	Stock Name	Allocated stock name
8	Stock Code	Allocated stock code
9	Independent / Consignment (Other)	Inputted Classification of Independent / Consignment
10	Allocated Volume	Allocated volume
11	Output Date	Output Date
12	Output Complete Message	When a market unit's allocated notification is outputted, the corresponding market name and output complete message will appear.
13	No Allocation Volume Message	If there is no Current Allocation, a message indicating that there is no allocated volume for the Market unit

13-8 Open Interest Balance Notification

13-8-1 Open Interest Balance Notification (Internal)

13-8-1-1 Open Interest Balance Notification (Internal) (Futures)

After the current open interest balance (In the case of Supported Option Transactions, inclusive of Exercised Options of Transactions Allocation) is complete, the individual current open interest balance will output.

\* If the supported open interest balance outputs after completion, only the previous day's current open interest balance will output.

Open Interest Balance Notification (Internal) (16:47) 98.12.11					
		Selling Open Interest Balance		Buying Open Interest Balance	
		Current	Previous	Current	Previous
TOPIX 103	Individual	1262	1295	1063	1195
	Consign	336	287	309	169
TOPIX 105	Individual	20	*14	25	*24
	Consign	5	*5	5	*5
TOPIX 109	Individual	1	1	6	5
	Consign	0	0	0	0
TOPIX 112	Individual	0	0	0	0
	Consign	0	0	0	0
TOPIX 203	Individual	0	0	0	0
	Consign	0	0	0	0
Total	Individual	1283	1310	1094	1225
	Consign	341	292	314	174
Reference: TOPIX 012	Individual		*243		*135
	Consign		*125		*74

		Selling Open Interest Balance		Buying Open Interest Balance	
		Current	Previous	Current	Previous
Transport 103	Individual	5	5	8	6
	Consign	10	10	2	2

\*PRNT END\*

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	

Chapter 13 About Notification

Item Number	Output Item		Output Details		
6	Print Title		"Open Interest Balance Notification (Individual)"		
7	Output Time		Corresponding Notification output time (24 hour display)		
8	Output date		Output date		
9	Open Interest Balance by Contract Month	Open Interest (Selling)	Current Day	Each Contract Month's Internal Individual/Consigned Current Sales Open Interest Balance	
			Previous Day	Each Contract Month's Internal Individual/Consigned Previous Sales Open Interest Balance * If there is an amended open interest balance on the previous day, amend symbol "**"	
		Open Interest (Buying)	Current Day	Each Contract Month's Internal Individual/Consigned Current Buying Open Interest Balance	
			Previous Day	Each Contract Month's Internal Individual/Consigned Previous Buying Open Interest Balance * If there is an amended open interest balance on the previous day, amend symbol "**"	
		Contract Month Total (All)	Open Interest (Selling)	Current Day	Entire Contract Month's Internal Individual/Consigned Current Sales Open Interest Balance
				Previous Day	Entire Contract Month's Internal Individual/Consigned Previous Sales Open Interest Balance
	Open Interest (Buying)		Current Day	Entire Contract Month's Internal Individual/Consigned Current Buying Open Interest Balance	
			Previous Day	Entire Contract Month's Internal Individual/Consigned Previous Buying Open Interest Balance	
	Reference	Final Selling Open Interest Balance		Final Contract Month's Internal Individual / Consigned Current Sales Open Interest Balance * If there is an amended final balance, amend symbol "**"	
		Final Buying Open Interest Balance		Final Contract Month's Internal Individual / Consigned Current Buying Open Interest Balance * If there is an amended final balance, amend symbol "**"	

13-8-1-2 Open Interest Balance Notification (Option)

After the current lottery process is complete, the internal current open interest balance will output.

①		②		③		④		⑤		⑦		⑧	
12361		2 10001		2		Open Interest Balance Notification (Option)		:47		98.12.11			
Reference	Exercise	Allocation Value	Exercise Volume	Selling Open Interest Balance		Buying Open Interest Balance							
				Volume	Current	Previous	Current	Previous					
Long-term government bonds	P012	Individual	0	0	0	0	0	0	0	0	0	0	0
		Consign	0	0	0	0	0	0	0	0	0	0	0
	127	Individual	0	0	0	0	0	0	0	0	0	0	0
		Consign	0	0	0	0	0	0	0	0	0	0	0
	128	Individual	0	0	0	0	0	0	0	0	0	0	0
		Consign	0	0	0	0	0	0	0	0	0	0	0
	129	Individual	0	0	0	0	0	0	0	0	0	0	0
		Consign	0	0	0	0	0	0	0	0	0	0	0
	130	Individual	0	0	24	24	17	17					
		Consign	0	0	2	2	4	4					
	⑩☆ 131	Individual	0	0	52	*57	42	*66					
		Consign	0	0	18	*18	10	*10					
☆ 132	Individual	19	154	0	159	0	154						
	Consign	30	167	0	30	0	167						
☆ 133	Individual	5	7	0	5	0	7						
	Consign	4	8	0	4	0	8						
合計	Individual	64	161	76	245	59	244						
	Consign	34	175	20	54	14	189						

Reference	Exercise	Allocated Value	Exercised Volume	Selling Open Interest Balance		Buying Open Interest Balance							
				Volume	Current	Previous	Current	Previous					
Long-term government bonds	C012 ☆ 121	Individual	0	0	0	0	0	0	0	0	0	0	0
		Consign	0	0	0	0	0	0	0	0	0	0	0

\*PRINT END\*

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Print Title	"Open Interest Balance Notification (Internal)"
7	Output Time	Corresponding Notification output time (24 hour display)
8	Output Date	Output Date



Chapter 13 About Notification

Item Number	Output Item		Output Details	
9	Reference (Display)		Trading exercised on the final day of the contract month with output following the lottery process	
10	Trading exercised value by open interest balance	Current Allocated Volume		Each Exercised trade value's Internal Individual/Consigned Current Allocated Volume * If there is nothing current exercised, then “_”
		Current Exercised Volume		Each Exercised trade value's Internal Individual/Consigned Current Exercised Volume * If there is nothing current exercised, then “_”
		Open Interest Selling	Current Day	Each Exercised trade value's Internal Individual/Consigned Current Open Interest Selling Balance
			Previous Day	Each Exercised trade value's Internal Individual/Consigned Previous Open Interest Selling Balance * If there is an amended open interest balance on the previous day, amend symbol “**”
		Open Interest Buying	Current Day	Each Exercised trade value's Internal Individual/Consigned Current Open Interest Buying Balance
			Previous Day	Each Exercised trade value's Internal Individual/Consigned Previous Open Interest Buying Balance * If there is an amended open interest balance on the previous day, amend symbol “**”
	Open interest balance of the contract month	Allotted Volume		The contract month (Exception of Put/Call) total's current internal individual/consigned allotted volume.
		Exercised Volume		The contract month (Exception of Put/Call) total's current internal individual/consigned exercised volume.
		Open Interest Selling	Current Day	The contract month (Exception of Put/Call) total's current internal individual/consigned open interest selling balance.
			Previous Day	The contract month (Exception of Put/Call) total's previous internal individual/consigned open interest selling volume.
		Open Interest Buying	Current Day	The contract month (Exception of Put/Call) total's current internal individual/consigned open interest buying balance.
		Previous Day	The contract month (Exception of Put/Call) total's previous internal individual/consigned open interest buying volume.	
	11	Automated exercising of trades		For Automatically exercised transactions of options on the final day, the price value of the automated exercising of trades will denote a “ * “ symbol

13-8-2 Open Interest Balance Notification

13-0-2-1 Open Interest Balance Notification (Futures)

After the current open interest balance (In the case of Supported Option Transactions, inclusive of Exercised Options of Transactions Allocation) is complete, the individual current open interest balance will output.

\* If the supported open interest balance outputs after completion, only the previous day's current open interest balance will output.

		①	②	③	④	⑤	⑥	⑦	⑧
		12361	2	10001	2	Open Interest Balance Notification		( 16:47 )	98.12.11
		Open Interest Balance		Previous	Settlement				
		Current	Previous	Compare	Price				
Long-term government bonds	103	132065	131326	739	13126				
Long-term government bonds	106	3934	*3875	59	13087				
Long-term government bonds	109	19	20	-1	13002				
Long-term government bonds	112	0	0	0	12977				
Long-term government bonds	203	0	0	0	12920				
Total	51	136018	135221	797					
Reference Long-term government bonds	012		20347		13154				
		Open Interest Balance		Previous, Compare	Settlement Price				
		Current	Previous						
Extended	103	1	1	0	15342				
Extended	106	0	0	0	-				
Extended	09	0	0	0	-				
Extended	112	0	0	0	-				
Extended	203	0	0	0	-				
Total		1	1	0	-				
Reference Extended	012		0		15182				

\*PRINT END\*

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Print Title	"Open Interest Balance Notification"
7	Output Time	Corresponding Notification output time (24 hour display)
8	Output Date	Output Date

Item Number	Output Item			Output Details	
9	Open Interest Balance by Contract Month	Open Interest (Selling)	Current Day	Each Contract Month's Internal Individual/Consigned Current Sales Open Interest Balance	
			Previous Day	Each Contract Month's Internal Individual/Consigned Previous Sales Open Interest Balance * If there is an amended open interest balance on the previous day, amend symbol "*"	
		Open Interest (Buying)	Current Day	Each Contract Month's Internal Individual/Consigned Current Buying Open Interest Balance	
			Previous Day	Each Contract Month's Internal Individual/Consigned Previous Buying Open Interest Balance * If there is an amended open interest balance on the previous day, amend symbol "*"	
		Contract Month Total (All)	Open Interest (Selling)	Current Day	Entire Contract Month's Internal Individual/Consigned Current Sales Open Interest Balance
				Previous Day	Entire Contract Month's Internal Individual/Consigned Previous Sales Open Interest Balance
	Open Interest (Buying)		Current Day	Entire Contract Month's Internal Individual/Consigned Current Buying Open Interest Balance	
			Previous Day	Entire Contract Month's Internal Individual/Consigned Previous Buying Open Interest Balance	
	Reference	Final Selling Open Interest Balance		Final Contract Month's Internal Individual / Consigned Current Sales Open Interest Balance * If there is an amended final balance, amend symbol "*"	
		Final Buying Open Interest Balance		Final Contract Month's Internal Individual / Consigned Current Buying Open Interest Balance * If there is an amended final balance, amend symbol "*"	
		Final Settlement Price		The final settlement price after the end of the final transaction for the contract month	

13-8-2-2 Open Interest Balance Notification (Option)

After the completion of the current open interest, all company's open interest balance information will be outputted.

① ② ③ ④ ⑤		⑥				⑦ ⑧		
12361	2	10001	2	Open Interest Balance Notification (Internal)				( 16:47 ) 93.12.11
⑨ [ Reference ]	Exercise Price	⑩ Exercise Volume	Open Interest Balance		Previous Comparison	Marginal Standard Price	Final Settlement Price	
			(Current)	(Previous)				
TPX P012	1175	0	0	0	0	-	-	
	1200	0	0	0	0	-	-	
	1225	0	0	0	0	-	-	
	1250	0	0	0	0	-	-	
	1275	0	24	24	17	05	-	
	1300	0	0	0	0	05	-	
☆ 1325	0	0	0	0	0	40	-	
☆ 1350	0	0	24	24	17	295	-	
⑩ ☆ 1375	0	0	52	+57	42	690	-	
☆ 1400	0	0	52	+57	42	875	-	
☆ 1425	154	0	0	159	0	-	-	
☆ 1450	7	0	0	5	0	-	-	
Total		161	76	245	59		1323.89	

[ Reference ]	Exercise Price	Exercise Volume	Open Interest Balance		Previous Comparison	証券金 Standard Price	Final Settlement Price
			(Current)	(Previous)			
TPX C012 ☆ 1175	0	0	0	0	0	-	-
☆ 1200	0	0	0	0	0	-	-
☆ 1225	0	0	24	24	17	-	-
☆ 1250	0	0	52	+57	42	805	-
☆ 1275	154	0	0	159	0	520	-

↙

\*PRINT END\*

Item Number	Output Item	Output Details
1	Server Number	Same as "Order Receipt Notification"
2	Duplication / Retransmission Number	
3	Server specific Sequence Number	
4	Internal Company Code	
5	Internal Company Sequence Number	
6	Print Title	"Open Interest Balance Notification (Internal)"
7	Output Time	Corresponding Notification output time (24 hour display)
8	Output Date	Output Date
9	"Reference" Display	Completion of exercised trades for the final day of the contract month to be outputted after the lottery process

Chapter 13 About Notification

Item Number	Output Item		Output Details	
10	Trading exercised value by open interest balance	Current Exercised volume	* Each exercised trade value for the current day's exercised trade volume * If there is nothing current exercised, then “-“	
		Open Interest (Selling)	Current Day	Each exercised trade value's Entire Company's Current Sales Open Interest Balance
			Previous Day	Each Contract Month's Entire Company's Previous Sales Open Interest Balance * If there is an amended open interest balance on the previous day, amend symbol “*”
		Open Interest (Buying)	Current Day	Each Contract Month's Entire Company's Current Buying Open Interest Balance
			Previous Day	Each Contract Month's Entire Company's Previous Buying Open Interest Balance * If there is an amended open interest balance on the previous day, amend symbol “*”
		Open interest balance of the contract month	Exercised Trade Value	
	Open Interest (Selling)		Current Day	Entire Contract Month's (Put/Call) Entire Company's Current Sales Open Interest Balance
			Previous Day	Entire Contract Month's (Put/Call) Entire Company's Previous Sales Open Interest Balance
	Open Interest (Buying)		Current Day	Entire Contract Month's (Put/Call) Entire Company's Current Buying Open Interest Balance
			Previous Day	Entire Contract Month's (Put/Call) Entire Company's Previous Buying Open Interest Balance
Final Settlement Price		The final settlement price after the end of the final transaction for the contract month		
11	Automated exercising of trades		For Automatically exercised transactions of options on the final day, the price value of the automated exercising of trades will denote a “ * “ symbol	

13-9 Notifications Based on Trade Margin Calculated Based On Open Interest Balance

13-9-1 Consignment trading margin calculation based input outcome notification

The Consignment trading margin calculation balance will be outputted based on the receiving the input.

13-9-2 Consignment trading margin calculation based final input result notification

For each market, the final inputted consignment trading margin calculation balance will be outputted when the instructions are executed.

13-9-3 Consignment trading margin calculation based input invalid notification

There will be an output only for the input of consignment trading margin calculation balance that are invalid.

13-9-4 Trading margin calculation based open interest balance notification (Internal)

For the current day, following the completion of the consignment trading margin calculation, the internal trading margin calculation based open interest balance information will be outputted.

\* For the above Trading margin calculation based open interest balance notification with margins that are in for a reduced period of time will not be outputted until it is actualized.

13-10 Final Settlement Index (SQ) Message

The index count of the final settlement index (SQ) will be outputted.

< Page / Dot Printer >

```

      ①      ②      ③
*** TOPIX SQ 1346.29 (15:05) ***
    
```

< Receipt Printer >

```

TOPIX SQ 1346.29 (15:05)
    
```

Item Number	Output Item	Output Details
1	SQ Calculated Index Name	SQ Calculated Index Name
2	SQ	SQ
3	Calculated Time	SQ Calculated Time

## Chapter 14 About the Operational Function

The Operational Function contains “”, “Retransmission request / stop”, “Acting proxy/delete”, “Notification print”, and “Notification clear”.

While the above functions are in operation, “Retransmission request / stop” and “Acting proxy / delete” on the old terminal are slightly different in functionality, so please exercise caution.

### 14-1 Last serial number

#### 14-1-1 Last serial number query

“Last serial number query” utilizes the input terminal (virtual server inclusive) by markets to receive and align order details from the central system.

When conducting operation of disaster recovery, confirm the Last serial number query before restarting operations.

#### 14-2 Operation Method

1) From the main window, go to “Operation” -> “3 Notification / Acting Proxy Operation” -> and select “Last serial number query”.

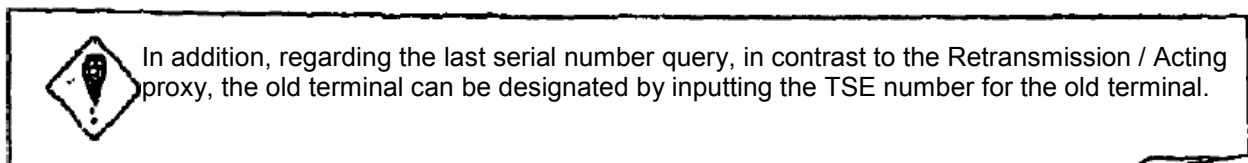
2) From the submenu list under market selection, select the market that will run the Last serial number query, then the window of “last serial number query” from the corresponding market will display.”



3) After inputting the “Server number” (Virtual server inclusive) that will run the Last serial number query, press “Submit”.

4) The “Last serial number query results” window will appear and the tab of the designated market will appear under the control of the virtual server’s input terminal, which will display the response of the final order.

5) Other than the designated market, there is also the market tab of the designated client available displayed, which by clicking the tab will bring you to the underlying virtual server’s displaying the market response of the final order details.



14-1-3 Last serial number query window (Virtual Server designated)

**Market Selection Tab**  
 Select the market tab that will run the last serial number query. The initial query instructions will display from the designated market tab when being queried. In addition, the designated client's market availability tab will appear.

[illegible]

Query instructions

(Virtual input)	1001	New	Long-term government	012	(163420001)
		Purchase Quote		(Order Price)	Exercise
Internal Code	0001	注文状況: 10 (件数) 目			
				(Order Number)	
				(Internal Number)	1234567890
(Virtual Input)	1002	Cancellation	China	012	(163120004)
		Error		(Cancellation Order)	
(Internal Code)	10001			(Order Number)	1238
				(Internal Number)	
(Virtual Input)	1003	Changes	Long-term government bonds	012	(163120001)
		Buy		1365/	
(Internal Code)	10001			(Change Conditions)	
				(Change Price)	
				(Cancellation Volume)	20
				(Change Internal)	
				(Change Control)	<input type="checkbox"/>

**Last order details**  
 The client of the underlying designated virtual server will display last orders and instruction details per market. Regarding inputted orders, "New" (New order input), "Transactions" (Transaction order input), "Changes" (Change order input), "Batch" (Batch transaction instructions) and "Note" (Note inputted from the batch order input window / only if the order comes out with an error) classifications will display. Also, "Error" will be displayed when there is a last order with an error.



14-1-4 Last serial number query results window (Virtual Server designated)

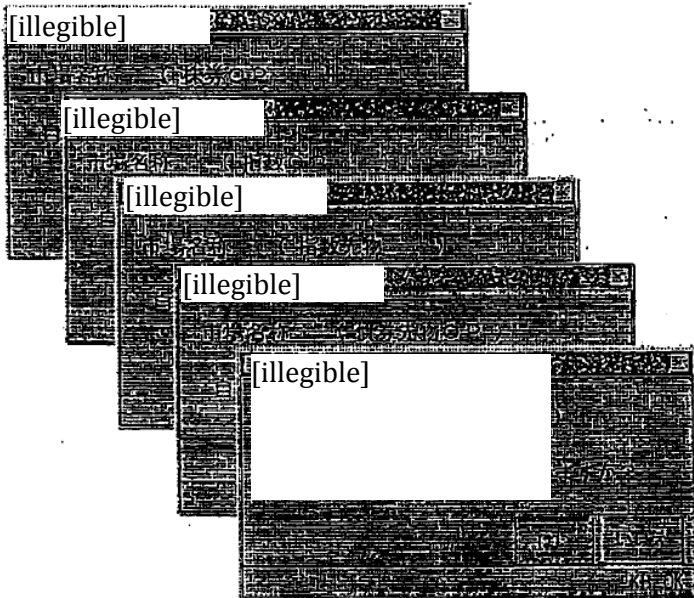
**Market Selection Tab**  
 Select the market tab that will run the last serial number query.  
 The initial query instructions will display from the designated market tab when being queried.  
 In addition, the designated client's market availability tab will appear.

**Last order details**  
 The client of the underlying designated virtual server will display last orders and instruction details per market.  
 Regarding inputted orders, "New" (New order input), "Transactions" (Transaction order input), "Changes" (Change order input), "Batch" (Batch transaction instructions) and "Note" (Note inputted from the batch order input window / only if the order comes out with an error) classifications will display.  
 Also, "Error" will be displayed when there is a last order with an error.


14-1-5 Automated final serial number query

While online, the central system and the virtual system facing fixed line failure, in the case that the system is in offline mode, it is possible recover back to online mode by automatically executing the “final serial number query” of the “automated virtual server”.

When in online recovery mode, the “automated final serial number confirmation window” will appear in the client screen, which when it is necessary for a “final serial number query”, select “yes” (and press “submit”) to proceed to see the “final serial number query results window”.



When it is not necessary to go into “final serial number query” mode, select “No”. “Automated final serial number confirmation window” will close.

 In addition, the “Automated final serial number query confirmation window” will display the market unit. As long as there is no failure to the central system’s market unit, the “Automated final serial number query confirmation window” will display the corresponding client’s entire market availability. In that case, when a request for automated final serial number query is done for 1 market, “Final serial number query result window” will display according to that market’s tab, and other tabs from other markets, such as the “automated final serial number confirmation window” is okay to close.

14-2 Retransmission Request / Suspend

14-2-1 Overview of Retransmission Function

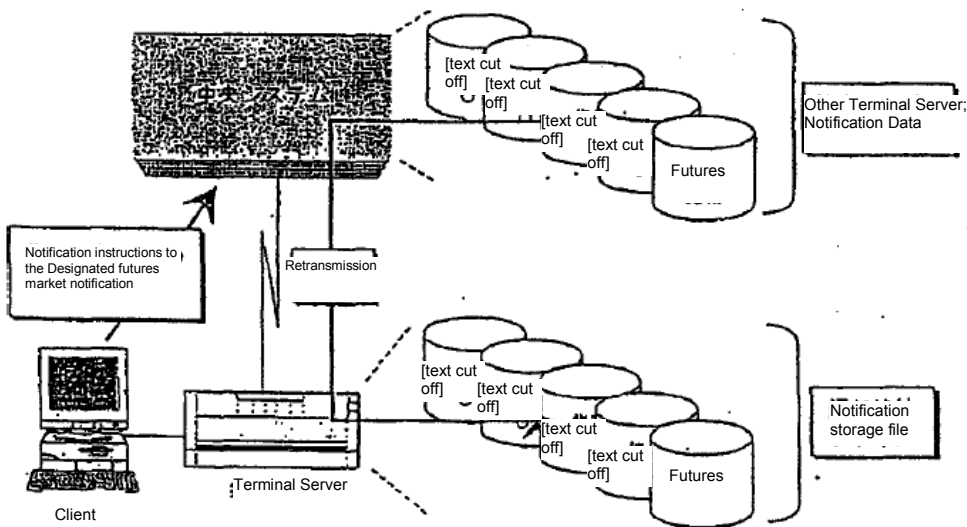
“Retransmission Request” is an operation when the Central System does a same day output to the terminal server and non-temporary server within the Retransmission request instruction time, where the outputted market unit’s “All Notification Information” runs a retransmission request via the client’s terminal server.

Furthermore, “Retransmission Suspend” is an operation that stops the notification output of the retransmission.

The “retransmission request” of the old terminal normally has a terminal server and notification contained file for disaster recovery, and the stored data within the “notification storage file” has recovered instructions ready.

The “Retransmission Request Function” of the old terminal (Designated serial number with re-output to the notification printer) can be a “Notification printer”.

However, the retransmission notification outputs to the printer and does not designate a serial number (Terminal server unit) and can run a retransmission notification.

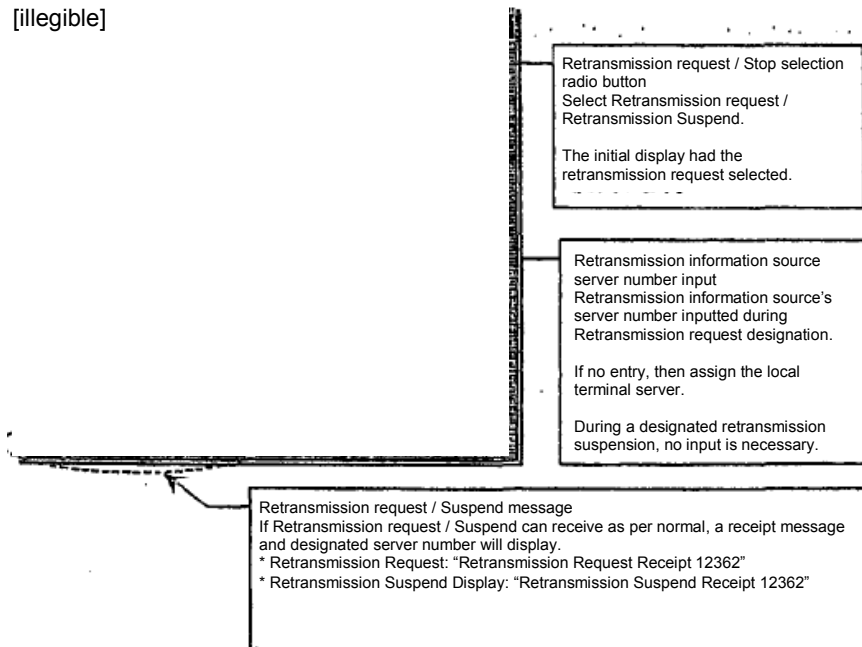


- \* If you specify a local terminal server as the retransmission information source, the re-output notification (retransmission notification) from the retransmission request will have “designated notification destination” just like the usual notifications and will output to the set printers and notification display area.
- \* In the case that the designated server is set to another terminal server, the transmitted information source’s retransmission notification “notification destination specified” will output to the printer set with a serial number “0000”.
- \* Local terminal server’s retransmission notification will have a notification storage file in the terminal server with instructions, so that actions such as notification display / notification print as well as screen view / print can be done.

14-2-2 Retransmission Request Operation Method

- 1) From the main window select "Operation" -> "3 Notification / Acting Proxy Operation" -> "2 Retransmission Request / Stop" in that order.
- 2) From the submenu list under market selection, select the market that will run the Notification re-output, then the window of "retransmission request / stop instruction window" from the corresponding market will display."
- 3) Input the Retransmission information source's terminal server or virtual server number, and "Submit" to proceed.
- 4) If the instructions are received as per normal, a message will display as "Retransmission Request Receipt", the output notification to the designated terminal server's local terminal server will begin the re-output as the Retransmission information source.


[illegible]



14-2-3 Retransmission Suspend Operation Method

In the "Retransmission / Suspend Display Window", select the "Retransmission suspend" radio button, "Submit", and once instructions arrive as per normal, message display will show a "Retransmission suspend receipt" message and the notification output from the central system to the local terminal server will be suspended.

\* When receiving a "Retransmission suspend" instruction, it will necessary to select the "Retransmission Suspend" radio button. It is not possible to input a "Retransmission Original Server Number".



In addition, if the data server is designated as the retransmission information source, the internal "All Notifications" will re-output, therefore please exercise caution.

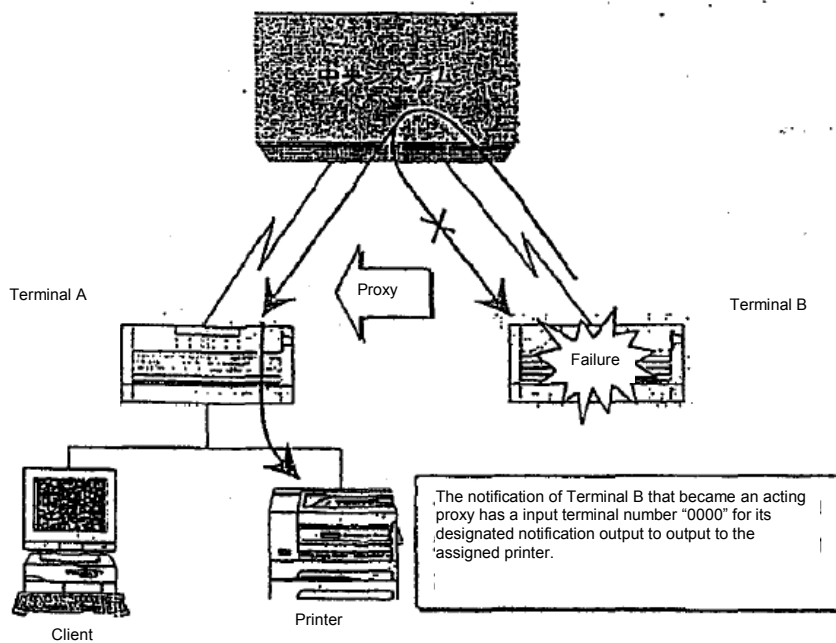
14-3 Acting proxy / Delete


14-3-1 Overview of Acting proxy / Delete

“The acting proxy” serves as a terminal server when a corresponding terminal server fails, and this terminal service’s notification outputs to another terminal server within the market unit to operate as an acting proxy.

Also, the “acting proxy delete” is for when the original acting proxy’s terminal server is conducting operation of disaster recovery, the output of the notification from the proxy becomes deleted.

For Acting proxy functionalities on an old terminal, regarding the notification’s acting proxy output of printers, the acting proxy functionalities on the main terminals can output notification as the acting proxy.



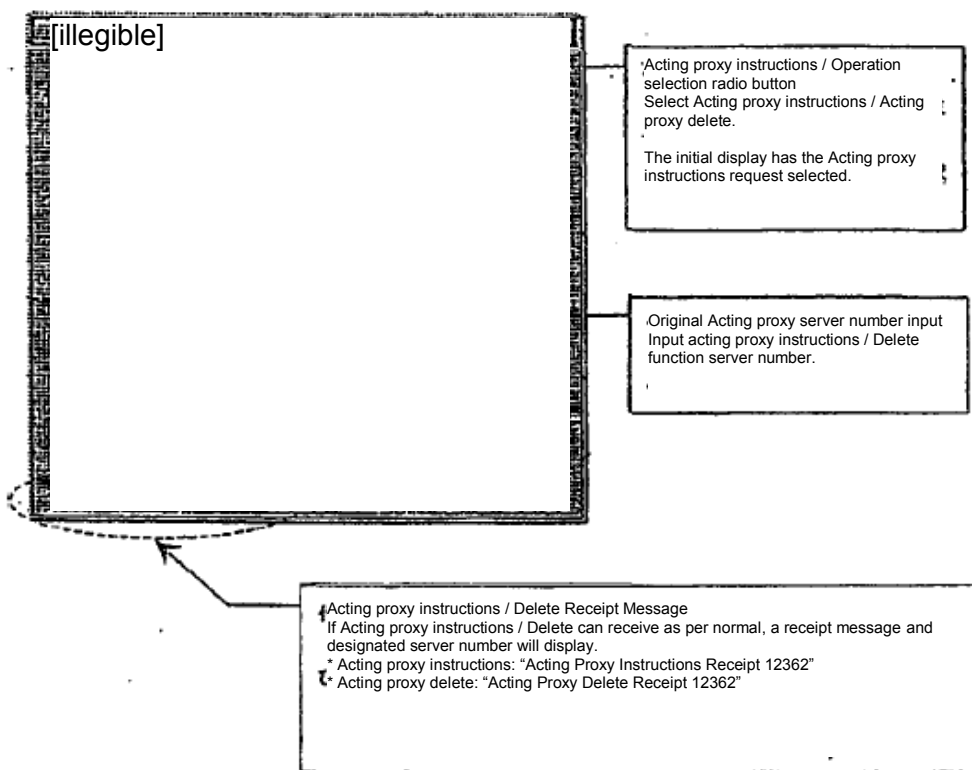
 \* The acting proxy has a designated market unit so that in the case of a terminal server failure, the corresponding terminal server’s availability based on market should be set as the acting proxy.

\* Conversely, when deleting the acting proxy due to a failure recovery, make sure to delete all of the acting proxies corresponding to the market.

\* For terminal server that assigned the local virtual server as an acting proxy, the “notification output designation” that has “0000” inputted will output to a printer with those settings.

14-3-2 Operation Method

- 1) From the main window, go to “Operation” -> “3 Notification / Acting Proxy Operation” -> “3 Acting Proxy Instructions / Delete” in that sequence.
- 2) From the submenu list under market selection, select the market that will run the Notification re-output, then the window of “Acting proxy instructions / Delete instructions window” from the corresponding market will display.”
- 3) Input the original acting proxy information source’s terminal server or virtual server number, and “Submit” to proceed.
- 4) If the instructions are received as per normal, a message will display as “Acting Proxy Instructions Receipt”, the output notification to the designated terminal server’s local terminal server will begin the re-output as the original acting proxy.



14-3-3 Acting Proxy Delete Operation Method

In the “Acting Proxy / Delete Window”, select the “Acting Proxy Delete” radio button, input server number in the “Acting proxy server number” and submit. If the server, as per normal, received the instructions then a message “Acting Proxy Delete Receipt” will be displayed. The terminal server’s original acting proxy input message and the notification output from the central system to the local terminal server will be suspended.

## 14-4 Notification Search

## 14-4-1 Outline of Notification Search

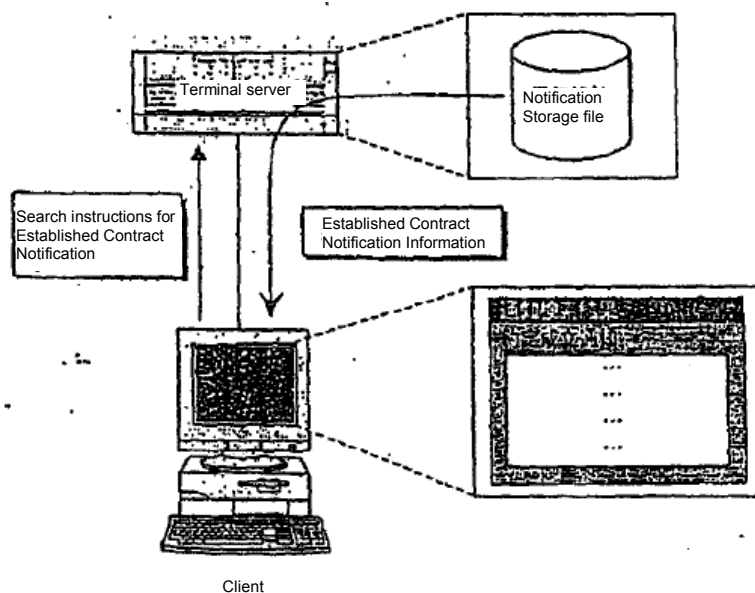
The “Notification search” is conducted by a notification storage file that is located in the terminal server, and the current notification information gets displayed to the client’s screen.

The terminal server utilizes the current central system to get the notification transmitted, and that notification is saved in the notification storage file.

“Notification search” instructions being from the client where within the terminal server the notification search file is called out based on the search conditions (notification type, market unit / stock unit, terminal unit / all terminal), followed by the notification information being displayed on the screen.

In addition, there is a segment in the notification search process that are the same, where based on the notification type and notification terminal number instructions, the search runs in the data server and the response information gets displayed.

-> “10-1-2 Terminal Server (Data Server) Combined)



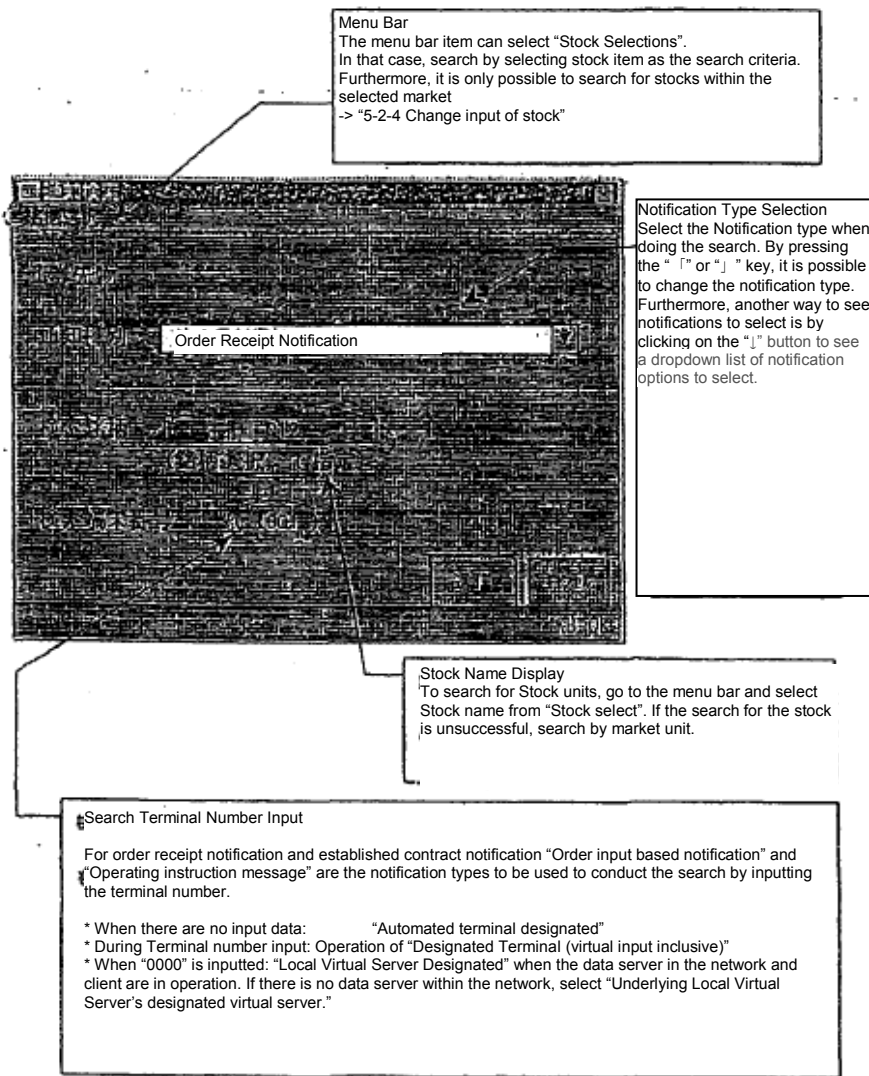
\* Below are the Notification instruction types that are permitted during the notification search:

- |  |   |
|--|---|
| * Order Receipt Notification                 | * Reselling / Buyback Input Results Notification                        |
| * Established Contract Notification          | * Reselling / Buyback / Exercise Amount Input Result Notification       |
| * Cancellation / Change Results Notification | * Consignment trade margin balance input result notification (internal) |
| * Invalid Order Notification                 | * Allocation Notification   |
| * Error Notification                         | * Open Interest Balance Notification                                    |
| * Stop Value Order List                      | * Open Interest Balance Notification (Internal)                         |
| * Contractual Status Print                   | * Trade margin calculated open interest balance notification (Internal) |
| * Large Block Stock List                     | * Operating instruction message   |

Chapter 14 About the Operational Function

14-4-2 Operation Method

- 1) From the main window, go to "Operation" -> "3 Notification / Acting Proxy Operation" -> "4 Notification Search" in that sequence.
- 2) From the submenu list under market selection, select the market that will run the Notification re-output, then the window of "Notification Search instructions window" from the corresponding market will display."
- 3) Input/Select the necessary items and information, then press "Submit" to proceed.
- 4) If the instructions are received as per normal, a message will display as "Notification Search Result Window", the output notification information will display in detail.





## 14-4-3 Combined Search Conditions and Response Information

Search Conditions (Designated information)			Target Search Server	Response information
Search notification type	Stock search	Search Terminal Number		
1) Order Receipt Notification 2) Established contract notification 3) Cancellation / Change Result Notification 4) Invalid Order Information 5) Error Notification 6) Reselling/Buying Input Result Notification 7) Reselling / Buyback / Exercised Amount Input Notification 8) Consignment trade margin balance input result notification	None	No input or automated terminal number	Local terminal server	Local terminal's market unit notification
	None	Other Terminal Number	Data server	Designated terminal's market unit notification
	None	0000	Data server	Local terminal's market unit notification
	Available	Other Input or Automated Terminal Number	Local terminal server	Local terminal's designated stock notification
	Available	Other Terminal Number	Data server	Designated terminal's designated stock notification
	Available	0000	Data server	Local terminal's designated stock notification
9) Stop value order list 10) Large Block Stock List 11) Corresponding Notification	None	--	Data server	Market unit notification
12) Established Status Print 13) Open Interest Balance Notification (Internal) 14) Open Interest Balance Notification 15) Trade margin calculated open interest balance notification (Internal)	Available	--	Data server	Market unit notification
16) Operating Message	--	No input or automated terminal number	Local terminal server	Designated operation notification message from local server
	--	Underlying Local terminal server's other terminal number	Local terminal server	Designated operation notification message from underlying local server's other designated terminal
	--	0000	Local terminal server	Designated operation notification message from underlying local server's other designated terminal

\* Search results with item "--" will be ignored, as there is no inputted item.

\* Regarding 16)'s "Operation message", only the underlying Local virtual server's client's operation display message will display a response

\* If the data server in a network is not available, search will be conducted on the local virtual server.

\* If the data server in a network is available, the previous destination OP terminal will be designated (previous destination OP terminal cannot be designated)

14-4-2 Operation Search Result Window

Designated Notification will be Displayed

For the Stock unit search, the "Stock name" can be searched by "market name" in thought the market unit search option.

1	SELL	1 (1001 1234)	LTNB 012	0) 9:00	537	1000000001 [illegible]
3		5 (1001 1234)	LTNB 012			
7	SELL	12 (1001 1234)	LTNB 012	0) 9:00		
9	BUY	15 (1001 1234)	LTNB 012	3) 9:00	77/-	1000000004 [illegible]
21	SELL	30 (1001 1234)	LTNB 012	0) 9:01		
22	SELL	31 (1001 1234)	LTNB 012			
23	SELL	32 (1001 1234)	LTNB 012			
45	BUY	58 (1001 1234)	LTNB 012	2) 10:25	879/-	1000000008 [illegible]
56	SELL	77 (1001 1234)	LTNB 012	0) 10:27	890/-	1000000010 [illegible]
67	BUY	97 (1001 1234)	LTNB 012	1) 10:30	879/-	1000000011 [illegible]
68	SELL	98 (1001 1234)	LTNB 012	1) 12:38	1232/-	1000000012 [illegible]
70	SELL	100 (1001 1234)	LTNB 012			
87	SELL	145 (1001 1234)	LTNB 012	0) 12:40	1232/-	1000000013 [illegible]

Designated Terminal Number will be Displayed

Destination Terminal Server Number will be Displayed

Response Display  
 The designated notification response will be displayed.  
 The notification information output received will be outputted as print notification and is identical.  
 -> Chapter 13, About Notification"

More information display available message:  
 "Notification search" designation has "40 lines" of notification information response for 1 display.  
 With 41 lines and above, there will be a more information message that will display with the options of "Next page available" / "Previous page / Next page available".  
 Furthermore, in the case that there is any updated operations, there will be updated display that will reflect those changes.  
 -> "5-3-4 More Information Display"

14-5 Print Notification

14-5-1 Overview of Print Notification

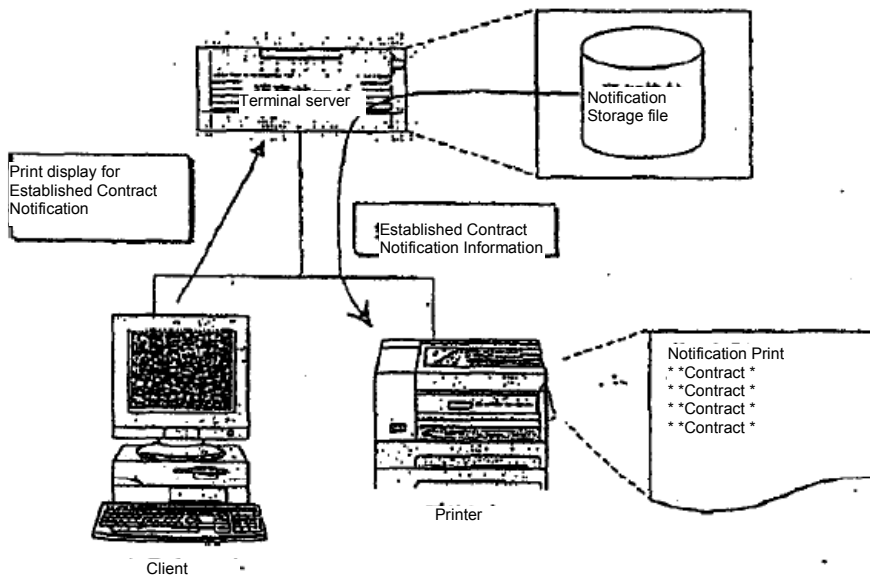
The print notification feature references the notification storage file located in the terminal server that contains the current notification information and run a print output.

The terminal server that receives the notification sent from the central system will have the details saved in the notification storage file.

“Notification Print” Instructions coming from the client will search the notification storage file in the terminal server based on search conditions (Notification type, Terminal unit / All Terminals, Notification Terminal Number), and print the output notification information.

In addition, there is a segment in the notification print process that are the same, where based on the notification type and notification terminal number instructions, the search runs in the data server and the response information gets displayed.

-> “10-1-2 Terminal Server (Database) Combined”



\* Below are the Notification instruction types that are permitted during print notification:

- \* Order Receipt Notification
- \* Established Contract Notification
- \* Cancellation / Change Results Notification
- \* Invalid Order Notification
- \* Error Notification
- \* Stop Value Order List
- \* Contractual Status Print
- \* Large Block Stock List
- \* Reselling / Buyback Input Results Notification
- \* Reselling / Buyback / Exercise Amount Input Result Notification
- \* Consignment trade margin balance input result notification (internal)
- \* Allocation Notification
- \* Open Interest Balance Notification
- \* Open Interest Balance Notification (Internal)
- \* Trade margin calculated open interest balance notification (Internal)
- \* Operating instruction message

14-5-2 Print Notification Operation Method

- 1) From the main window, go to “Operation” -> “3 Notification / Acting Proxy Operation” -> “5 Notification Print” in that sequence.
- 2) From the submenu list under market selection, select the market that will run the Notification re-output, then the window of “Notification Print instructions window” from the corresponding market will display.”
- 3) Input/Select the necessary items and information, then press “Submit” to proceed.
- 4) If the instructions are received as per normal, a message will display as “Notification Print Receipt Window”, and the designated printer will print the data.

**Print Notification / Selection Radio Button**  
Print Notification / Notification option can be selected. Initially it will be set to “Print Notification” as the default setting.

**Notification Type Selection**  
Select the Notification type when doing the search. By pressing the “[” or “]” key, it is possible to change the notification type. Furthermore, another way to see notifications to select is by clicking on the “↓” button to see a dropdown list of notification options to select.

**Input the Printer Number of the output printer**  
Enter the output printer number assigned for the print notification

**Notification Selection / Input**  
Select either the Local Terminal or Terminal Server option radio button and follow the print output notification sequence.  
In the case there is no inputted data, set the first serial number to “1” which will be the “recent serial number”.

**Search Terminal Number Input**  
For order receipt notification and established contract notification “Order input based notification” and “Operating instruction message” are the notification types to be used to conduct the search by inputting the terminal number.  
  
\* When there are no input data: “Automated terminal designated”  
\* During Terminal number input: Operation of “Designated Terminal (virtual input inclusive)”  
\* When “0000” is inputted: “Local Virtual Server Designated” when the data server in the network and client are in operation. If there is no data server within the network, select “Underlying Local Virtual Server’s designated virtual server.”

14-5-3 Combined Search Conditions and Response Information

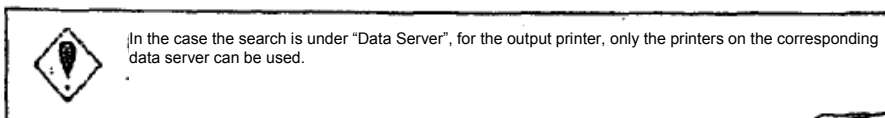
Search Conditions (Designated information)		Target Search Server	Response information
Search notification type	Search Terminal Number		
1) Order Receipt Notification	No input or automated terminal number	Local terminal server	Local terminal's market unit notification
2) Established contract notification	Other Terminal Number  0000	Data server	Designated terminal's market unit notification
3) Cancellation / Change Result Notification		Data server	Local terminal's market unit notification
4) Invalid Order Information		Data server	
5) Error Notification			
6) Reselling/Buying Input Result Notification			
7) Reselling / Buyback / Exercised Amount Input Notification			
8) Consignment trade margin balance input result notification			
9) Stop value order list	--	Data server	Market unit notification
10) Large Block Stock List	--	Data server	Market unit notification
11) Corresponding Notification		Data server	Market unit notification
12) Established Status Print		Data server	Market unit notification
13) Open Interest Balance Notification (Internal)			
14) Open Interest Balance Notification			
15) Trade margin calculated open interest balance notification (Internal)			
16) Operating Message	No input or automated terminal number	Local terminal server	Designated operation notification message from local server
	Underlying Local terminal server's other terminal number	Local terminal server	Designated operation notification message from underlying local server's other designated terminal
	0000	Local terminal server	Designated operation notification message from underlying local server's other designated terminal

\* Search results with item "--" will be ignored, as there is no inputted item.

\* Regarding 16)'s "Operation message", only the underlying Local virtual server's client's operation display message will display a response

\* If the data server in a network is not available, search will be conducted on the local virtual server.

\* If the data server in a network is available, the previous destination OP terminal will be designated (previous destination OP terminal cannot be designated)



14-5-4 Print Abort Notification Operating Method

At the “Notification Print Instructions Window”, select the “Print Abort” radio button, and input the printer number in the “Input the output printer number” field, and press “submit”. If the instructions are received as per normal, a “Print Abort Notification” message will appear and the notification to the printer will abort.

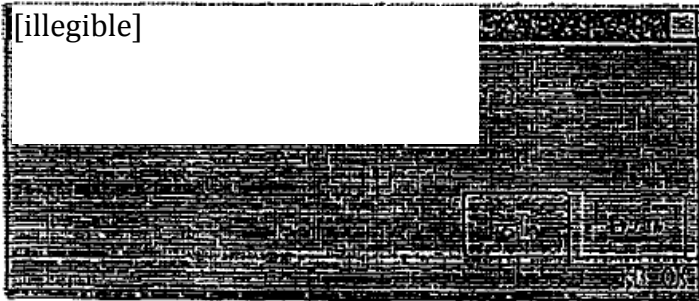
\* “Print Abort Notification” instructions require the “Print abort” radio button to be selected and “Output printer number” to be inputted. The other items do not require selection/input.


### 14-6 Print Notification System

The “Print notification system” operates at a constant interval (3 minutes) and a notification per page, where the settings are available in “page printer”. The predetermined time does not elapse from the previous output point, for notification that is accumulating it is a heavy printing operation.

#### 14-6-1 Operating Method of the Print Notification System

- 1) From the main window, go to “Operation” -> “3 Notification / Acting Proxy Operation” -> “8 Print System Notification” in that sequence.
- 2) When the “Print System Notification System Window” displays, input the printer terminal number of the desired printer to output, followed by clicking on “Submit” to proceed.
- 3) If the instructions are received as per normal, a message will display that the output item is in queue and will begin printing.



 \* In the case that the page printer is shared between several terminal servers, set instructions for the printer independently on each terminal server.

\* For corresponding instructions, the notification output that are executed to the page printer on the terminal server will run only when its ready to output.

14-7 Clear Notification

“Clear Notification” is when the notification storage file’s notification information in the terminal server deletes all market unit data.

“Clear Notification” can only be run as “Notification Storage File has run a allocation”, otherwise any other instructions will generate an error.

The notification storage file contains the market unit details, and when the corresponding market’s notification storage file “Runs the allocated area” on the terminal server, the display screen of all clients with permission to the corresponding market will display “ Notification Storage File Allocation Message”. From there, designate the corresponding market and perform a “Clear Notification Instruction”.


On the client screen will display “Notification Storage File Allocation Message”




The market receiving this message display will have the “Notification Store File Allocation Message” proceed to run “Clear Notification Instructions”

<Operating Method>

- 1) From the main window, go to “Operation” -> “3 Notification / Acting Proxy Operation” -> “7 Clear Notification” in that sequence.
- 2) The submenu list to select the market will display, thus select the market that will perform the clear notification, and the “Clear Notification Instructions Window” corresponding to that market will display.



- 3) Press “Submit” to run the operation
- 4) If the Clear Notification instructions perform as per normal, then the message “Clear Notification Receipt” message should display.

 In the case that that notification storage file gets allocated, the Clear Notification instructions must run, otherwise subsequent notifications won't be able to be received. Make sure to run the Clear Notification task.



14-8 Print Screen

In the case that the print screen instructions are run, the display information on the client’s screen will be printed as a hard copy to the output printer (excluding receipt printer).

14-8-1 Operating Method

- 1) Press “Print Screen” on your keyboard
- 2) If you are able to perform the instructions, a “Print Screen Receipt” message will display and begin doing a print output.

14-8-2 Print Screen Output Printer

As the print screen’s output printer will be based on the client’s printer, below are the outcomes:

Designated Client	Print Screen Output Printer	
Printer System Client -> “2.4 Printer”	Ordinary Printer	Ordinary Printer that is a destination printer in progress
	Corresponding Destination Printer	* The designated client’s printer with the smallest terminal number running in an underlying terminal server * If the printer with the smallest terminal number is the destination printer, the terminal number becomes the second smallest among the printers.
A client without a printer control	Designated Client has the printer with the smallest terminal number running in an underlying terminal server	--

## Chapter 15 About Failure Support

### 15-1 Failure Support for Transaction Terminal Device

In the case that a Failure arises for the Transaction Terminal Device (Terminal Server Client), a designated message will be displayed, and after confirming the message details will follow with the power input going back into operation. In the case there is no response, a maintenance personnel (Toyo Stock Exchange Systems Department) will be called in to support.

Until the maintenance personnel completes the operation recovery, other normal tasks will be performed and resume.

If the other transaction terminal device that can be used is not available, and work cannot be resumed as a result, receive instructions from the “Tokyo Stock Exchange System Department” and connect to a terminal server to resume tasks.

#### 15-1-1 During a Client Failure

##### 15-1-1 When re-operating and recovered back to normal

- 1) Confirm that last input orders that were received by the Central System, and perform a “final sequence query”.
- 2) After confirming the last input orders, begin from the next orders.

##### 15-1-1-2 When recovery from re-operating is not possible

\* If there are other clients that can be used

- 1) Contact the “Tokyo Stock Exchange System Department” to confirm the terminal server status, and request for a maintenance personnel.
- 2) From another client that can be used, confirm that last input orders that were received by the Central System, and perform a “final sequence query”.
- 3) After confirming the last input orders, begin from the next orders from another available client.

\*If there are no other clients available

- 1) Check the Transaction Terminal Device status by contacting the “Tokyo Stock Exchange System Department” to confirm the terminal server status, and request for a maintenance personnel.
- 2) For the orders that need to be inputted, request for a “Transaction Terminal Device”.
- 3) Using the Transaction Terminal Device, confirm that last input orders that were received by the Central System, and perform a “final sequence query”.
- 4) After confirming the last input orders, begin from the next orders from another available client.

### 15-1-2 Printer Failure

#### 15-1-2-1 When re-operating and recovered back to normal

- 1) Confirm the output notification details
  - 2) If an output confirmation cannot be made due to paper jam or if it is necessary to check the re-output notification, go to “Notification Search” and check the notification details, then go to “Print Notification” to re-output the notification.
- \* “Receipt Printers” are not able to take instructions by “Print Notification”.

#### 15-1-1-2 When recovery from re-operating is not possible

\* If there are other printers that can be used

- 1) Contact the “Tokyo Stock Exchange System Department” to request for a maintenance personnel.
- 2) If there is another client that can be used, by “Notification output destination (Terminal)” set the output destination to another available printer.
- 3) If there is no notification or if it is necessary to check the re-output notification, go to “Notification Search” and check the notification details, then go to “Print Notification” to re-output the notification.

\*If there are no other printers available

- 1) Check the Transaction Terminal Device status by contacting the “Tokyo Stock Exchange System Department” to confirm the terminal server status, and request for a maintenance personnel.
- 2) For the orders that need to be inputted, request for a “Transaction Terminal Device”.

### 15-1-3 In the Case of Terminal Server Failure

In the case of a terminal server failure, if the terminal server is down, go to the bottom of the display screen to see the status display area and if the status is “Online”, the client’s current display board will be erased.

#### 15-1-3-1 When re-operating and recovered back to normal

- 1) Confirm that last input orders that were received by the Central System, and perform a “final sequence query”.
- 2) After confirming the last input orders, begin from the next orders.

#### 15-1-3-2 When recovery from re-operating is not possible

\* If there are other clients that can be used

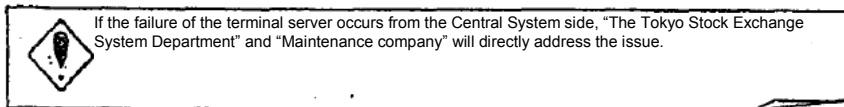
- 1) Contact the “Tokyo Stock Exchange System Department” to request for a maintenance personnel.
- 2) From another client that can be used, confirm that last input orders that were received by the underlying client’s Central System.

and perform a “final sequence query.”

- 3) After confirming the last input orders, begin from the next orders from another available client.
  - 4) Furthermore, using another available server, within the “Notification output destination (Terminal)” check the destination printer with the inputted serial number “0000” and perform an “acting proxy” output notification.
  - 5) For terminal servers without a data server, as it will be necessary to output on a connected terminal server, within the same network if there is a “Data Server”, go to the available client, but if there is no data server within the same network, go to a client with an underlying “Data server” and conduct a “Notification Search” to confirm and perform a re-output via “Print Notification”.
  - 6) In the case of a terminal server with a failed Data server, and there is a need for output notification to a corresponding terminal server (Data server), within the “Notification output destination (Terminal)” check the destination printer with the inputted serial number “0000” and perform an “retransmission request” output notification to re-output from the printer.
- \* However, in the case that the designated data server is running a “Retransmission request”, an “All Notification” action will re-output internally, thus please exercise caution.

\*If there are no other clients available

- 1) Check the Transaction Terminal Device status by contacting the “Tokyo Stock Exchange System Department” to confirm the terminal server status, and request for a maintenance personnel.
- 2) For the orders that need to be inputted, request for a “Transaction Terminal Device”.
- 3) Using the Transaction Terminal Device, confirm that last input orders that were received by the Central System, and perform a “final sequence query.”
- 4) After confirming the last input orders, begin from the next orders from another available client.



### 15-2 Communication Line Failure

In the case of a communication line failure, the “DNR Lamp” of the DSU (Data Service Unit) will blink. In addition, the client’s lower portion of the display area will indicate “Offline”, the client’s current display board will be erased.

Failure report to NTT will be conducted and until the recovery is complete, it will be necessary to connect from another communication line, which will be utilized to continue tasks as per normal.

Until NTT completes recovery work, other normally operational communications will be utilized to resume operations.

In the case that there are no other transactional terminal device or not any way to resume operations, following the instructions of “The Tokyo Stock Exchange System Department”, switches will be made to the “Terminal for use during Failures” to resume operations.


The support during a communication line failure is the same as during the terminal server failure.

Furthermore, to have a Terminal server operating as per normal, regarding the Communication line failure notification information, both “Notification Search” and “Print Notification” will be executed.

### 15-3 Central System Failure

In the case of Central System failure, “The Tokyo Stock Exchange System Department” will give notification regarding this issue. In addition, the client’s lower portion of the display area will indicate “Offline”, the client’s current display board will be erased.

Furthermore, to have a Terminal server operating as per normal, regarding the notification information before the Central System failure, both “Notification Search” and “Print Notification” will be executed.



In both Communication Line and Central System failures, the failure status and line status will lose the following information:

- \* Order Receipt Start Time/Difference
- \* Order Receipt Suspension / Resumption
- \* Beginning of Attendance Time Difference
- \* Buy/Sell Transaction Suspension / Resumption
- \* End of Attendance Time difference

In the case of the above, the results will be adjusted, in the case the telephone line server failure occurs on the Central System side, directly contact the person in charge within the “The Tokyo Stock Exchange System Department” or by “Consolidated Fax” to inform them of the situation.

## 15-4 Failure Recovery Operation

When recovering from Terminal Failure / Communication Line failure, the client's lower portion of the display screen and current display board will automatically, or by pressing the "Submit" key, reconnect.

In the case a failed terminal was used, the instructions to utilize another terminal will terminate and be restored back to the local server as per normal.

When the Central System is recovered back to normal, the "Order Receipt Resume" message will be outputted to the printer and there will be notification from the head office regarding instructions to follow after connection is restored.

## 15-4-1 When Recovering from Terminal and Communication Failure

## \* Regarding Order input

Final sequence query will take place and the final inputted order will be confirmed and resume.

## \* Regarding Notification Output

The terminal server of the Acting proxy will restore back to the original terminal server (Acting Proxy Removed).

In addition, notification information and notification storage files from during the acting proxy phase is to be restored by running a "retransmission request".

## \* When operating a Failed Terminal

Local terminal restoration will take place from "The Tokyo Stock Exchange System Department" with contact from them, which in turn will terminate the use of the "Backup Terminal used during the Failure", and the original terminal will be restored for regular use.

## 15-4-2 Restoring from Central System Failure

When recovering from the Central System Failure, the main office will make a "mass phone call" and "mass fax" to inform the recovery of the Central System with instructions to follow.

Also, once the restore is complete, the message will be outputted to the printer.

## \* When Resuming Order Receipt

--- Order Receipt Resumption (Time : Minutes) ---

Transactions Resume, When resuming order handling after failure recovery

--- Order Receipt Resumption - Transactions (Time : Minutes) ---

Direct decision of closing price after the failure; the final decision after recovery and resumption.

---- Final closing price (Time : Minutes) ---

Even after recovery, if the attendance cannot be resumed, indicated cut off time.

---- Attendance cut off time (Time : Minutes) ---

## Chapter 15      About Failure Support

### 15-5 Backup Terminal During Failure

In the case of a failure of the terminal system, the head office has a “Backup Terminal” prepared to be utilized by connecting to the acting proxy of the terminal by following their instructions.

The head office will activate the “Backup Terminal” whenever the below occurs:

- \* The local terminal server and entire communication line fails
- \* Order/Buy and Sell transactions fail to go through as a result of terminal failure
- \* When all printers failure to perform an Notification Output
- \* Others, depending on the approvals based on the equivalent failures to the above

#### 15-5-1 Using a Backup Terminal During a Failure

When using a backup terminal, the internal supervisor will establish contact with the head office to divert the connection to the backup terminal. Based on the actions of the internal supervisor, it will be possible to perform orders.

## 15-6 Failure Message of Terminal System

In the case of the terminal system failure or unable to operate, the display status will show a message as a popup with any one of the messages below. Messages for Failure prevention as well as messages that will assist in being able to continue operating may appear. For precautionary measures, contact The Tokyo Stock Exchange System Department.

Item	Error Message	Causes
1	Error Offline (Displays while online)	Communication failure with the central system -> Being able to resume operations depends on the Central System failure status and is subject to change
2	Error Alignment Timeout	Alignment timeout over occurred from the Central System -> Make alignments. Being able to resume operations depends on the Central System failure status and is subject to change
3	Error Client Telegram	Telegram error from Client occurred -> Failure prevention is necessary
4	Error Central System Telegram	Telegram error from Central system from Client occurred -> Failure prevention is necessary
5	Error Terminal Server Telegram	Telegram error from Terminal server from Client occurred -> Failure prevention is necessary
6	Error Terminal Server Failure	Depending on the type of terminal error, unable to respond -> Failure prevention is necessary
7	Error Incorrect Market Classification	Telegram error of Client's Market Classification is incorrect -> Failure prevention is necessary
8	Error Message File Storage	Message File Failure occurred -> Failure prevention is necessary
9	Error P/C	When doing a Option stock selection, the Put/Call information in the stock file is incorrect. -> Failure prevention is necessary
10	Error Print Screen Not Working	(If Printer's power is off) the file is unable to be created. -> Refrain from printing. Operations can still resume.
11	Message File Failure	Message file failure occurred -> Failure prevention is necessary
12	Notification File Storage	Notification File Storage Error Occurred. -> By performing a Clear Notification it will be possible to resume.



Item	Error Message	Causes
13	Notification File 80% Over	Notification File Storage Error with over 80%. -> By performing a Clear Notification it will be possible to resume.
14	Notification File Overflow	Notification File Storage Overflow Occurred. -> By performing a Clear Notification it will be possible to resume.
15	Please Reset the Terminal	Telegram error received -> Reset the terminal (Control + Delete). It should be possible to resume.
	Printer Failure	Printer output failure when trying to print. - Refer to the print instructions. Failure protection is necessary.

### 15-7 Handling Failure of Local Procurement Terminal

In the case of the local procurement terminal, maintenance personnel will take responsibility to complete this task. (The head office will not supply failure maintenance personnel nor supply failure prevention products)

In the case that the local procurement terminal undergoes failure, depending on the corresponding failure reasons and whether it is a hard or soft failure will need to be determined. For software failure, it will depend whether it's a head office's issued software or independent, thus talk to the person in charge for the software. Depending on if it's a head office shared software failure (Programs not good), the head office may step in to provide support.

Furthermore, for internal hardware failure, directly talk to the person in charge to address the problems. Performance based issues will not be supported.

## <Appendix 1> General Error Message

Below is a general list of error messages for each type of operation.

Error messages are generally displayed in a window, however regarding error messages that are aligned will either be displayed in the board/screen display or displayed as a window message.

### <Setting>

Item	Error Message	Causes
1	Error Exceeded Volume limits	“0” will be designated in the volume limit field

### <Notification Output Destination Setting>

Item	Error Message	Causes
1	Error No designated terminal	Designated client’s underlying terminal server not saved in the client is designated
2	Error No designated output printer	Designated client’s terminal server has a printer assigned that the terminal server is not able to use
3	Error No designated output receipt printer	Designated client’s terminal server is unable to utilize the assigned receipt printer
4	Error Printer Type	* Receipt printer is assigned as the Output destination printer * Page / Dot printer is assigned as the output receipt printer
5	Error Format	Input terminal number cannot be assigned

### <Page Printer Output Setting>

Item	Error Message	Causes
1	Error No designated printer	Designated client on a terminal server that is unable to use the assigned printer
2	Error Printer type	Assigned a printer other than a Page printer

### <Item Registration

Item	Error Message	Causes
1	Error Item Number	* Non-existent page number is designated * During “Display Stock Item Registration”, Page settings outside of the (1~49) parameter is set.

<Appendix 1> General Error Messages

Item	Error Message	Causes
2	Error Currently Aligning	* Other tasks awaiting response are inputted

<Page selection>

Item	Error Message	Causes
1	Error Page Number	Non-existent pages are assigned
2	Error Registered Stock Number	The page assigned outside of (1 ~ 24) during registration of stock number
3	Error Currently Aligning	Other Response awaiting alignment is inputted

<Stock Name Selection>

Item	Error Message	Causes
1	Error Contract Month	Non-existent contract month designated
2	Error Exercised Value	Non-existent exercised value designated
3	Error Underlying Stock Code	Non-existent underlying stock code designated in stock options transactions stock name selection
4	Error Number of Adjustments	Non-existent number of adjustments of delivery item in stock options transactions stock name selection.
5	Error No Stock	Stock name in the selected stock classification does not exist
6	Error Format	Input required item has no entered data

< Board / Indication Inquiry >

Will display in board screen message

\* Indication Display will show "ER" to the right side of the stock name

Item	Error Message	Causes
1	Error Outside Inquiry Hours	Inquiry does not occur Outside Inquiry Hours
2	Error Stock Code	Non-traded stock was matched

Will Display in Main Window Message Display

Item	Error Message	Causes
1	Error Alignment in progress	Other Response awaiting alignment is inputted

< Order Input >

Item	Error Message	Causes
1	Error Outside Inquiry Hours	Inquiry does not occur Outside Inquiry Hours
2	Error Stock Code	Non-traded stock was inquired
3	Error Registered Stock Number	The page assigned outside of (1 ~ 24) during registration of stock number

<Appendix 1> General Error Message

Item	Error Message	Causes
		<ul style="list-style-type: none"> <li>* Display page has non-registered stock assigned</li> <li>* Underlying stock and designated units with stock registration number are assigned</li> </ul>
4	Error Exercised Conditions	Designation of Exercised conditions with issues <ul style="list-style-type: none"> <li>* numbers outside of “2” (with odd), “4” (closed), “6” (not created), “7” (lump sum A) or 9 (lump sum B) are designated</li> <li>* Long-term government bonds Futures spread transacted with other than “2”, “4” or “6” assigned.</li> <li>* TOPIX Futures spread with “6” assigned</li> </ul>
5	Error Buy / Sell	Buy/Sell Classification has issue **Figures outside of the following are designated: “1” (Sell) or “3” (Buy)
6	Error Order Price	Order price designation has issue <ul style="list-style-type: none"> <li>* Value of Futures order has “0” designated (“-“ [minus] attached in a spread transaction)</li> <li>* The spread after dealing with zero/minus figure has another order price with “-“ (minus) inputted</li> <li>* “0” and “-“ (minus) attached to a spread that has transacted with a zero/minus figure</li> </ul>
7	Error Order Volume	Assigned order volume has issues
8	Error Limit Volume	Assigned Order volume exceeding volume limit
9	Error Control Item	Designated Control item has issues <ul style="list-style-type: none"> <li>* For new order / new order input window</li> <li>** “0” (Consigned) or “9” (Individual) designated outside of a batch order</li> <li>** Figures outside of the following are inputted: “0” (consignment, one consignment), “9” (individual, one individual), “1” (consign one individual), or “8” (individual, 1 consignment)</li> <li>* Batch order input window</li> <li>** Figures outside of the following are designated: “0” (Consign) or “9” (Individual)</li> </ul>
10	Error Remove Limit	Limit removal has issue

<Appendix 1> General Error Messages

Item	Error Message	Causes
		* Figure other than "9" (Remove Limit) Designated.
11	Error Lump-sum Basis	Designation of Exercised conditions with issues * numbers outside of "2" (with odd), "4" (closed), "6" (not created), "7" (lump sum A) or 9 (lump sum B) are designated * Long-term government bonds Futures spread transacted with other than "2", "4" or "6" assigned. * TOPIX Futures spread with "6" assigned
12	Error Order Number	Designated order number has issues
	Error Stock Number	Designated Stock number has issues
13	Error Correction Type	Designated Correction Type has issues *For designated figures outside of: "1" (Cancel) or "3" (Correction) designated outside of a batch order
14	Error Change Exercise Conditions	Designated Exercise type has issues * numbers outside of "2" (with odd), "4" (closed), "6" (not created), "7" (lump sum A) or 9 (lump sum B) are designated * Long-term government bonds Futures spread transacted with other than "2", "4" or "6" assigned. * TOPIX Futures spread with "6" assigned
15	Error Change Order Price	Assigned order price has issues * Same as "Error Order Price"
16	Error Remove Volume	Assigned Order volume exceeding volume limit
17	Error Change Control Item	Designated Control item has issues * "0" (Consigned) or "9" (Individual) designated outside of a batch order
18	Error Terminal Number	Designated Terminal number has issues
19	Error Online	* When orders come in while offline * Inputted numbers during an order has a portion of its submitted orders return as invalid
20	Error Format	* Required input item has no entered data ** Corrected Order / Number of corrected order windows that don't have a designated order number or internal number * Non-required input fields designated ** Corrected Order / Number of corrected order windows that don't have a designated order number or internal number

<Appendix 1> General Error Message

Item	Error Message	Causes
		** Corrected Order / Number of corrected order windows when the correction type “3” (Change)’s changed content does not get designated.

<Inquiry >

When managing the input inquiry window, the main window’s message gets displayed.

Item	Error Message	Causes
1	Error Offline	Inquiry does not occur Outside Inquiry Hours
2	Error Stock Name	There is no stock designated
3	Error Buy / Sell	Buy/Sell Classification has issue **Figures outside of the following are designated: “1” (Sell) or “3” (Buy)
4	Error Order Price	Order price designation has issue * Value of Futures order has “0” designated (“-“ [minus] attached in a spread transaction) * The spread after dealing with zero/minus figure has another order price with “-“ (minus) inputted * “0” and “-“ (minus) attached to a spread that has transacted with a zero/minus figure
5	Error Order Number	Designated order number has issues
6	Error No Corresponding Order	There is no conditions matching the designated order
7	Error No Underlying Stock	Non-existent underlying stock code designated in stock options transactions stock name selection
8	Error Inquiring	There are other inquiries awaiting in the queue.
9	Error After Inquiry Display	There are 2 inquiry windows that are simultaneously opened as well as a separate inquiry in operation
10	Error Stock Code	Non-traded stock was inquired
11	Error Stock Format	* Input non required items are designated ** Order history/ order matching status inquiry window has order number or internal number simultaneously designated. * Required input item has no entered data ** Order history/ order matching status inquiry window has neither order number nor internal number designated

<Appendix 1> List of Error Messages

Item No.	Error Message	Causes
		Neither order number nor internal number is entered in Do.
12	Error: File disruption	A query is performed on a terminal server (data server) that is experiencing notification storage file disruption.
13	Error: Data server disruption	Disruption has occurred on query response processing of the data server when a query on the terminal server (data server) is performed.
14	Error: Disruption	A query is performed on a brand that is disrupted.
15	New order information not received	Responding with information on an order that has not received the order confirmation in a query on order agreement history.
16	No applicable order (own terminal)	There is no order that matches the specified criteria in the own terminal server under query in a query on order agreement history.

<Input of amount of resale and buyback, etc.>

◆ Input of resale and buyback

Item No.	Error Message	Causes
1	Error: Offline	A query is performed outside of the query time.
2	Error: Under query	An input is made when there is another query waiting for a response.
3	Error: Collective termination in progress	An input is made when the central system is processing a collective termination instruction.
4	Error: Outside of reception time	An input is made outside of the input reception time of resale and buyback
5	Error: Disruption	An input is made in a brand that is disrupted.
6	Error: Contract month code	There is an error in an entry of contract month. ◆ A non-existing contract month is entered. ◆ A contract month is not entered.
7	Error: Self/committed classification	There is an error in self/committed classification. ◇ A value other than 0 (committed) or 9 (self) is entered.
8	Error: Amount of resale (appointed day) input value Error: Amount of resale (existing) input value Error: Amount of buyback (appointed day) input value Error: Amount of buyback (existing) input value ..... Error: Input value	The input item is not the single-digit 0, and 0 is entered in the head.  ..... When there are multiple error items.
9	Error: No buying and selling agreement	An amount of resale and buyback is input when the amount of agreement on appointed day is 0 for both selling and buying.
10	Error: No selling agreement	An amount of resale (appointed day and existing) or buyback (appointed day) is input when the amount of selling agreement is 0.

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Item No.	Error Message	Causes
11	Error: No buying agreement	An amount of resale (appointed day) or buyback (appointed day and existing) is entered when the amount of buying agreement is 0.
12	Error: Amount of resale and buyback	<p>There is an error in entry of the amount of resale and buyback.</p> <ul style="list-style-type: none"> <li>◆ Amount of selling agreement – {amount of resale (appointed day + existing) + amount of buyback (appointed day)} &lt; 0</li> <li>◆ Amount of buying agreement – {amount of resale (appointed day) + amount of buyback (appointed day + existing)} &lt; 0</li> <li>◆ Outstanding selling open contracts from previous day + amount of selling agreement on appointed day – (amount of resale + amount of buyback) &lt; 0</li> <li>◆ Outstanding buying open contracts from previous day + amount of buying agreement on appointed day – (amount of resale + amount of buyback) &lt; 0</li> </ul>

◆ Input of resale and buyback/rights exercised

Item No.	Error Message	Causes
1	Error: Offline	A query is performed outside of the query time.
2	Error: Under query	An input is made when there is another query waiting for a response.
3	Error: Collective termination in progress	An input is made when the central system is processing a collective termination instruction.
4	Error: Outside of reception time	An input is made outside of the input reception time of resale and buyback/rights exercised.
5	Error: Disruption	An input is made in a brand that is disrupted.
6	Error: Price of exercise	<p>There is an error in an entry of a price of rights exercised.</p> <ul style="list-style-type: none"> <li>◆ A non-existing price of rights exercised is entered.</li> <li>◆ A price of rights exercised is not entered.</li> </ul>
7	Error: Self/committed classification	<p>There is an error in self/committed classification.</p> <ul style="list-style-type: none"> <li>◇ A value other than 0 (committed) or 9 (self) is entered.</li> </ul>
8	Error: Price of exercise input value Error: Amount of resale (appointed day) input value Error: Amount of resale (existing) input value Error: Amount of buyback (appointed day) input value Error: Amount of buyback (existing) input value Error: Amount of exercise input value ..... Error: Input value	<p>The input item is not the single-digit 0, and 0 is entered in the head.</p> <p>*For “Error: Amount of exercise input value”, the input of “00000000” (eight zeros) is not deemed erroneous for a price of automatic exercise of rights vs. urgent exercise on the final day of exercise of rights in a long-term futures optional deal.</p> <p>.....                      When there are multiple error items.</p>
9	Error: No buying and selling agreement	An amount of resale and buyback is input when the amount of agreement is 0 for both selling and buying.

Appendix 1-7





<Appendix 1> List of Error Messages

Item No.	Error Message	Causes
10	Error: No selling agreement	An amount of resale (appointed day and existing) or buyback (appointed day) is entered when the amount of selling agreement is 0.
11	Error: No buying agreement	An amount of resale (appointed day) or buyback (appointed day and existing) is entered when the amount of buying agreement is 0.
12	Error: Amount of resale and buyback/rights exercised	There is an error in entry of the amount of resale and buyback/rights exercised. <ul style="list-style-type: none"> <li>◆ Amount of selling agreement – { amount of resale (appointed day + existing) + amount of buyback (appointed day) } &lt; 0</li> <li>◆ Amount of buying agreement – { amount of resale (appointed day) + amount of buyback (appointed day + existing) } &lt; 0</li> <li>◆ Outstanding selling open contracts from previous day + amount of selling agreement on appointed day – (amount of resale + amount of buyback) &lt; 0</li> <li>◆ Outstanding buying open contracts from previous day + amount of buying agreement on appointed day – (amount of resale + amount of buyback + amount of rights exercised) &lt; 0</li> </ul>
13	Error: Amount exercised	<ul style="list-style-type: none"> <li>◆ An amount of rights exercised is entered outside of the period of rights exercised.</li> <li>◆ In a TOPIX option deal, an amount of rights exercised is entered in a price of rights exercised without backup of profit (other than In The Money). <ul style="list-style-type: none"> <li>◇ In a case of call Adjustment price – price of rights exercised ≤ 0</li> <li>◇ In a case of put Price of rights exercised – adjustment price ≤ 0</li> </ul> </li> </ul>

◆ Resale and buyback (rights exercised in optional deal) input

Item No.	Error Message	Causes
1	Error: Offline	A query is performed outside the query time.
2	Error: Under query	An input is made when there is another query waiting for a response.
3	Error: Collective termination in progress	An input is made when the central system is processing a collective termination instruction.
4	Error: Outside of reception time	An input is made outside of the input reception time of resale and buyback (rights exercised in optional deal)
5	Error: Disruption	An input is made in a brand that is disrupted.
6	Error: Contract month code	There is an error in an entry of contract month. <ul style="list-style-type: none"> <li>◆ A non-existing contract month is entered.</li> <li>◆ A contract month is not entered.</li> </ul>
7	Error: Self/committed classification	There is an error in self/committed classification.

Appendix 1-8

TSE0000000962

Reference\_065

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 50		Page 51	
	Security Category	Contract Month	Security Category	Contract Month
1	Long-term gov. bond futures	1 <sup>st</sup> contract month	China futures	1 <sup>st</sup> contract month
2	Long-term gov. bond futures	2 <sup>nd</sup> contract month	China futures	2 <sup>nd</sup> contract month
3	Long-term gov. bond futures	3 <sup>rd</sup> contract month	China futures	3 <sup>rd</sup> contract month
4	Long-term gov. bond futures	4 <sup>th</sup> contract month	China futures	4 <sup>th</sup> contract month
5	Long-term gov. bond futures	5 <sup>th</sup> contract month	China futures	5 <sup>th</sup> contract month
6	Long-term gov. bond futures	1 <sup>st</sup> contract month	Super long-term futures	1 <sup>st</sup> contract month
7	Long-term gov. bond futures	2 <sup>nd</sup> contract month	Super long-term futures	2 <sup>nd</sup> contract month
8	Long-term gov. bond futures SP	1 <sup>st</sup> contract month – 2 <sup>nd</sup> contract month	Super long-term futures	3 <sup>rd</sup> contract month
9	Long-term gov. bond futures	1 <sup>st</sup> contract month	Super long-term futures	4 <sup>th</sup> contract month
10	Long-term gov. bond futures	3 <sup>rd</sup> contract month	Super long-term futures	5 <sup>th</sup> contract month
11	Long-term gov. bond futures SP	1 <sup>st</sup> contract month – 3 <sup>rd</sup> contract month	TB futures	1 <sup>st</sup> contract month
12	Long-term gov. bond futures	2 <sup>nd</sup> contract month	TB futures	2 <sup>nd</sup> contract month
13	Long-term gov. bond futures	3 <sup>rd</sup> contract month	TB futures	3 <sup>rd</sup> contract month
14	Long-term gov. bond futures SP	2 <sup>nd</sup> contract month – 3 <sup>rd</sup> contract month	TB futures	4 <sup>th</sup> contract month
15	Long-term gov. bond futures	2 <sup>nd</sup> contract month	TB futures	5 <sup>th</sup> contract month
16	Long-term gov. bond futures	4 <sup>th</sup> contract month	–	–
17	Long-term gov. bond futures SP	2 <sup>nd</sup> contract month – 4 <sup>th</sup> contract month	–	–
18	–	–	–	–
19	–	–	–	–
20	–	–	–	–
21	–	–	–	–
22	–	–	–	–
23	–	–	–	–
24	–	–	–	–

Appendix 2-1

TSE0000000963

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 55			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 3
2	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 2
3	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 1
4	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money
5	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 1
6	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 2
7	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 2
8	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 1
9	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money
10	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 1
11	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 2
12	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 3
13	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 3
14	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 2
15	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 1
16	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money
17	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 1
18	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 2
19	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 2
20	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 1
21	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money
22	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 1
23	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 2
24	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 3

Appendix 2-2

TSE0000000964

Reference\_065

Registration Number	Page 56			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 3
2	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 2
3	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 1
4	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money
5	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 1
6	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 2
7	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 2
8	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 1
9	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money
10	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 1
11	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 2
12	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 3
13	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 3
14	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 2
15	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 1
16	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money
17	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 1
18	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 2
19	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 2
20	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 1
21	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money
22	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 1
23	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 2
24	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 3

Appendix 2-3

TSE0000000965

Reference\_065

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 57			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 5
2	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 4
3	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 3
4	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 2
5	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money – 1
6	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money
7	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 1
8	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 2
9	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 2
10	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 1
11	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money
12	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 1
13	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 2
14	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 3
15	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 4
16	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money + 5
17	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 2
18	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 3
19	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 4
20	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	P	At The Money + 5
21	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 5
22	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 4
23	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 3
24	Long-term gov. bond futures OP	1 <sup>st</sup> contract month	C	At The Money – 2

Appendix 2-4

TSE0000000966

Reference\_065

Registration Number	Page 58			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 5
2	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 4
3	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 3
4	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 2
5	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money – 1
6	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money
7	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 1
8	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 2
9	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 2
10	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 1
11	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money
12	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 1
13	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 2
14	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 3
15	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 4
16	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money + 5
17	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 2
18	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 3
19	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 4
20	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	P	At The Money + 5
21	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 5
22	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 4
23	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 3
24	Long-term gov. bond futures OP	2 <sup>nd</sup> contract month	C	At The Money – 2

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 59			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 5
2	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 4
3	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 3
4	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 2
5	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money – 1
6	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money
7	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 1
8	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 2
9	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 2
10	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 1
11	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money
12	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 1
13	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 2
14	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 3
15	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 4
16	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money + 5
17	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 2
18	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 3
19	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 4
20	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	P	At The Money + 5
21	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 5
22	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 4
23	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 3
24	Long-term gov. bond futures OP	3 <sup>rd</sup> contract month	C	At The Money – 2

Appendix 2-6

TSE0000000968

Reference\_065



Registration Number	Page 60			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 5
2	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 4
3	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 3
4	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 2
5	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money – 1
6	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money
7	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 1
8	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 2
9	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 2
10	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 1
11	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money
12	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 1
13	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 2
14	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 3
15	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 4
16	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money + 5
17	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 2
18	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 3
19	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 4
20	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	P	At The Money + 5
21	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 5
22	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 4
23	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 3
24	Long-term gov. bond futures OP	4 <sup>th</sup> contract month	C	At The Money – 2

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 70		Page 71	
	Security Category	Contract Month	Security Category	Contract Month
1	TOPIX futures	1 <sup>st</sup> contract month	Electric futures	1 <sup>st</sup> contract month
2	TOPIX futures	2 <sup>nd</sup> contract month	Electric futures	2 <sup>nd</sup> contract month
3	TOPIX futures	3 <sup>rd</sup> contract month	Electric futures	3 <sup>rd</sup> contract month
4	TOPIX futures	4 <sup>th</sup> contract month	Electric futures	4 <sup>th</sup> contract month
5	TOPIX futures	5 <sup>th</sup> contract month	Electric futures	5 <sup>th</sup> contract month
6	TOPIX	–	Electric stock price index	–
7	TOPIX futures	1 <sup>st</sup> contract month	Transportation futures	1 <sup>st</sup> contract month
8	TOPIX futures	2 <sup>nd</sup> contract month	Transportation futures	2 <sup>nd</sup> contract month
9	TOPIX futures SP	1 <sup>st</sup> contract month – 2 <sup>nd</sup> contract month	Transportation futures	3 <sup>rd</sup> contract month
10	TOPIX futures	1 <sup>st</sup> contract month	Transportation futures	4 <sup>th</sup> contract month
11	TOPIX futures	3 <sup>rd</sup> contract month	Transportation futures	5 <sup>th</sup> contract month
12	TOPIX futures SP	1 <sup>st</sup> contract month – 3 <sup>rd</sup> contract month	Transportation stock price index	–
13	TOPIX futures	1 <sup>st</sup> contract month	Bank futures	1 <sup>st</sup> contract month
14	TOPIX futures	4 <sup>th</sup> contract month	Bank futures	2 <sup>nd</sup> contract month
15	TOPIX futures SP	1 <sup>st</sup> contract month – 4 <sup>th</sup> contract month	Bank futures	3 <sup>rd</sup> contract month
16	TOPIX futures	1 <sup>st</sup> contract month	Bank futures	4 <sup>th</sup> contract month
17	TOPIX futures	5 <sup>th</sup> contract month	Bank futures	5 <sup>th</sup> contract month
18	TOPIX futures SP	1 <sup>st</sup> contract month – 5 <sup>th</sup> contract month	Bank stock price index	–
19	–	–	–	–
20	–	–	–	–
21	–	–	–	–
22	–	–	–	–
23	–	–	–	–
24	–	–	–	–

Appendix 2-8

TSE0000000970

Registration Number	Page 75			
	Security Category	Contract Month	P/C	Price of rights exercised
1	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 3
2	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 2
3	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 1
4	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money
5	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 1
6	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 2
7	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 2
8	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 1
9	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money
10	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 1
11	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 2
12	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 3
13	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 3
14	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 2
15	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 1
16	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money
17	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 1
18	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 2
19	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 2
20	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 1
21	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money
22	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 1
23	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 2
24	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 3

Appendix 2-9

TSE0000000971

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 76			
	Security Category	Contract Month	P/C	Price of rights exercised
1	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 3
2	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 2
3	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 1
4	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money
5	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 1
6	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 2
7	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 2
8	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 1
9	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money
10	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 1
11	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 2
12	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 3
13	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 3
14	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 2
15	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 1
16	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money
17	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 1
18	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 2
19	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 2
20	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 1
21	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money
22	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 1
23	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 2
24	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 3

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TSE0000000972

Reference\_065

Registration Number	Page 77			
	Security Category	Contract Month	P/C	Price of rights exercised
1	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 5
2	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 4
3	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 3
4	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 2
5	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money – 1
6	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money
7	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 1
8	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 2
9	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 2
10	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 1
11	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money
12	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 1
13	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 2
14	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 3
15	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 4
16	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money + 5
17	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 2
18	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 3
19	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 4
20	TOPIX OP	1 <sup>st</sup> contract month	P	At The Money + 5
21	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 5
22	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 4
23	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 3
24	TOPIX OP	1 <sup>st</sup> contract month	C	At The Money – 2

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 78			
	Security Category	Contract Month	P/C	Price of rights exercised
1	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 5
2	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 4
3	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 3
4	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 2
5	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money – 1
6	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money
7	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 1
8	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 2
9	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 2
10	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 1
11	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money
12	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 1
13	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 2
14	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 3
15	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 4
16	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money + 5
17	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 2
18	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 3
19	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 4
20	TOPIX OP	2 <sup>nd</sup> contract month	P	At The Money + 5
21	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 5
22	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 4
23	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 3
24	TOPIX OP	2 <sup>nd</sup> contract month	C	At The Money – 2

Appendix 2-12

TSE0000000974

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 79			
	Security Category	Contract Month	P/C	Price of rights exercised
1	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 5
2	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 4
3	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 3
4	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 2
5	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money – 1
6	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money
7	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 1
8	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 2
9	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 2
10	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 1
11	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money
12	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 1
13	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 2
14	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 3
15	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 4
16	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money + 5
17	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 2
18	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 3
19	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 4
20	TOPIX OP	3 <sup>rd</sup> contract month	P	At The Money + 5
21	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 5
22	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 4
23	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 3
24	TOPIX OP	3 <sup>rd</sup> contract month	C	At The Money – 2

Appendix 2-13

TSE0000000975

Reference\_065

<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	Page 80			
	Security Category	Contract Month	P/C	Price of rights exercised
1	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 5
2	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 4
3	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 3
4	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 2
5	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money – 1
6	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money
7	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 1
8	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 2
9	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 2
10	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 1
11	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money
12	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 1
13	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 2
14	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 3
15	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 4
16	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money + 5
17	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 2
18	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 3
19	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 4
20	TOPIX OP	4 <sup>th</sup> contract month	P	At The Money + 5
21	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 5
22	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 4
23	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 3
24	TOPIX OP	4 <sup>th</sup> contract month	C	At The Money – 2

Appendix 2-14

TSE0000000976

Reference\_065



<Appendix 2> Brand Registration Pattern of Automatic Setting Pages

Registration Number	<Brand Code of Causal Stock> Page			
	Security Category	Contract Month	P/C	Price of rights exercised
1	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	P	At The Money – 3
2	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	P	At The Money – 2
3	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	P	At The Money – 1
4	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	P	At The Money
5	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	P	At The Money + 1
6	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money + 2
7	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money – 2
8	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money – 1
9	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money
10	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money + 1
11	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money + 2
12	Stock certificate OP of page number	1 <sup>st</sup> contract month (w/o adjustment)	C	At The Money + 3
13				
14	Causal stock brand of page number	–	–	–
15	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	P	At The Money – 3
16	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	P	At The Money – 2
17	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	P	At The Money – 1
18	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	P	At The Money
19	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	P	At The Money + 1
20	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	C	At The Money – 1
21	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	C	At The Money
22	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	C	At The Money + 1
23	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	C	At The Money + 2
24	Stock certificate OP of page number	2 <sup>nd</sup> contract month (w/o adjustment)	C	At The Money + 3

Appendix 2-15

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Reference\_065

### <Appendix 3> Password function (Selection function)

“Password function” can be used based on the requirement of the participant.

The client on which the “Password setting” has been set to set a password that is configured from a “4 digit number” for each client. If the corresponding password is not entered, it will prevent the order entry, resale and repurchase entry and passing notification information and it will be maintained in a state (Input qualification released state) where the corresponding input is not possible. Once the password is input, it will become possible to select the corresponding function, and it will be in a state where the corresponding input becomes possible. (Input qualification acquired state).

In addition, 4- digit “User-ID” has to be entered along with the password in the password screen (“Input qualification request window”). The “User-ID” which is input will be output along with the terminal number in the notification for tasks such as order input etc.

\* Since integrity checks for “User-ID” and “Password” are not performed when the password is entered, transition to the state where order input is enabled takes place once the correct password is input and the input “User-ID” is output as is in the notification.

#### Appendix 3-1 Functions that are suppressed with the Password function

When the password is not entered (Input qualification released state), the selection of the following menu items or menu list is disabled thereby suppressing the selection of various functions.

Disabled items when the password is not entered (Input qualification released state)

- o Notification, agency (Operation)
- o Notification output destination specification (Operation)
- o Order input setting (Setting)
- o Resale repurchase exercise of right input (Position)
- o Exercise of right support Resale repurchase input (Position)
- o Resale repurchase exercise of right input completion instruction(Position)
- o Consignment trading deposit money calculation basis input(Position)
- o Consignment trading deposit money calculation basis input completion instruction (Position)
- o New order
- o Revised order
- o Batch order (Multiple order)
- o Multiple order (Multiple order)
- o Batch cancel (Multiple order)
- o Multiple revision (Multiple order)

### <Appendix 3> Password function (Selection function)

\* The above menu bar and menu list cannot be selected by using any of the following “Selection by mouse click”, “Selection by pressing the supporting key” and “Selection from the short cut menu”.

\* In addition, it will not be possible to operate both “Display of the new order input window by double clicking specified area of the Order / Quote window” and “Display of the revised order input window by double clicking the notification display”.

#### Appendix 3-2 Input Qualification Request

When the client on which the usage of the password function has been set up as starts, it will start up in the state (Input qualification released state) where the above items have been suppressed.

Input of password is required using the following method with “Input qualification request” in order to bring it to the input enabled state (State in which the above items can be selected (Input qualification acquired state)).

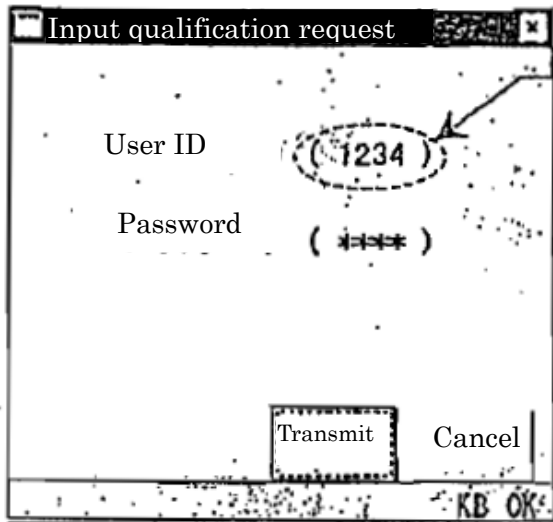
#### Appendix 3-2-1 Input qualification request from “Input qualification released state”

In case of performing Input qualification request from “Input qualification released state”

① The “Input qualification request instruction window” is displayed on selecting in the order of “Operation” – “1 Input qualification request” from the menu bar of the main window.

② Transmission operation is performed after input of “User ID” (Mandatory input item) and “Password” (Mandatory input item).

③ If the password is correct, it will transition to a state in which order and other information can be input (State in which the above items can be selected (Input qualification acquired state))



#### User ID

In the input qualification acquired state, a 4 digit arbitrary number is input as the User ID.

The input “User-ID” which is input will be output along in the notification for tasks such as order input etc.

However, since integrity checks for “User-ID” and “Password” are not performed when the password is entered, transition to the state where order input is enabled takes place once the correct password is input and the input “User-ID” is output as is in the notification.

In addition, since User-ID is a mandatory item, please specify an arbitrary number even if the User ID is not required.

<Appendix 3> Password function (Selection function)

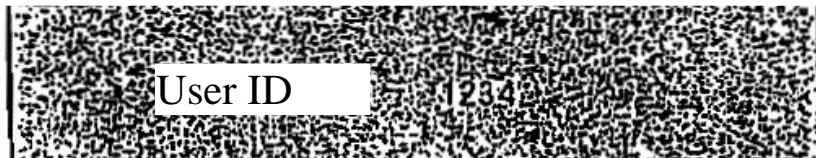
Appendix 3-2-2 Input qualification request from “Input qualification acquired state”

If the state is in the “Input qualification acquired state” due to the input of a different User ID during input qualification request, the User ID with which the input qualification request has already been made is checked and the input qualification of the corresponding User ID is released and input qualification request is performed with the new User ID.

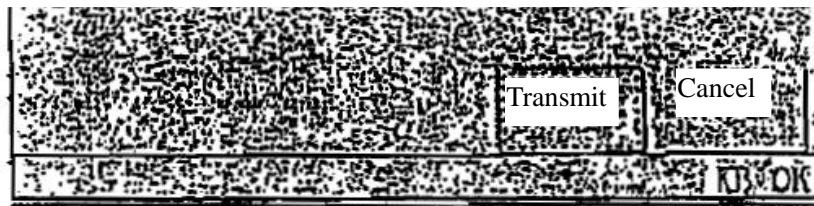
⊕ In case of input qualification acquired state, the “Input qualification release confirmation window” is displayed on selecting in the order of “Operation” – “1 Input qualification request” from the menu bar of the main window.



Said client is in the process of acquiring input qualification



Do you want to acquire input qualification with a different User ID?



⊗ After checking the User ID with which the input qualification request has been made and if it is okay to release the input qualification of the corresponding User ID, performs the transmission operation

⊗ Once the input qualification is released the “Input qualification request window” is displayed and the input qualification request operation is performed


Appendix 3-3 Input qualification release

If the terminal user has to leave the seat, and wants to change the state of the corresponding client to a state where the input of orders etc is not possible (state in which the selection of the above items is suppressed (Input qualification release state)), “input qualification release” is performed.

“Input qualification release” has to be performed

1 Select in the order of “Operation” – “2 Input qualification release” from the menu bar of the main window.

2. It will shift to a state where input of orders etc is not possible (state in which the selection of the above items is suppressed (Input qualification release state)).



- ◆ A request has to be place to Kisho in order to use the password function or to change the password.
- ◆ In case you forget the password, request must be made in writing to Kisho and response will be given only to such request. (Response will not be given to requests made over the phone or orally)

## <Appendix 4> System related telephone numbers

As on August, 1998

-For enquiries with respect to the repairs and maintenance of terminals used for transactions  
(Hitachi electronic service)

Direct	3271-2701
Shared phone	65[8]

\* For the terminals purchased by you company, maintenance service is not performed, therefore please obtain support from the concerned person.

For buying consumables  
(Hitachi information systems)

Direct	3464-7119
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\* "Hitachi information systems" has been introduced for the purchase of consumables; you can also use other companies in case there are no problems.

-For enquiries with respect to the expansion and shifting of the transaction terminals  
(Tokyo Stock Exchange business system unit)

Direct	3665-1363
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-Other enquires  
(Tokyo Stock Exchange business system unit)

Direct	3808-2571, 2
Shared phone	187, 8

-Terminal usage during emergencies and failures  
(Tokyo Stock Exchange business system unit)

Direct	3808-2571, 2
Shared phone	187 ~ 9