



**BURSA MALAYSIA SECURITIES BHD
(BMSB)**

BURSA TRADE SECURITIES II

**PARTICIPATING ORGANISATIONS'
TRADING MANUAL**

(EO/SMO/PO/007)

Last Update: 2 December 2013

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SIGN-OFF FORM

Title of Manual : Participating Organisations' Trading Manual
Reference No. : EO/SMO/PO/007
Manual Owner : Securities Market Operations, Exchanges Operations

Signatory

Remarks

1. SIGN OFF BY HEAD OF DIVISION AND INTERESTED PARTIES

We hereby sign-off this manual for final quality assurance and endorsement by the Approving Authority.

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DOCUMENT RELEASE NOTE

REVISION HISTORY

Release No.	Revision Details	Date
EO/SMO/PO/001	Establish new policy and procedures	10 November 2008
EO/SMO/PO/002	Updates on: (i) On Market Married Transaction (OMMT) (ii) Tick Size (iii) Change of Trading Phases (iv) New Trading Halt Conditions & Period (v) Trade Cancellation Arising from Participant's Error	26 October 2009
EO/SMO/PO/003	Updates on: <u>Chap 2.5.1 (Page 6)</u> Market Order During Pre-Opening & Pre-Closing - Already implemented. <u>Chap 2.5.2 (Page 7)</u> Order Characteristics - Day Order - Due to implementation of Day Order. <u>Chap 2.4 (Pages 4-5)</u> Trading Phases of Securities Groups - Due to implementation of Day Order. <u>Chap 3.3 (Page 10)</u> Theoretical Opening Price (TOP) Calculation - Due to implementation of Day Order. <u>Chap 4.1 (Page 11)</u> Price Thresholds - Due to implementation of Day Order. <u>Chap 4.2 (Page 12)</u> Reference Price - Due to implementation of Day Order.	18 April 2011



DOCUMENT RELEASE NOTE

Release No.	Revision Details	Date
	<p><u>Chap 5.1 (Pages 13-14)</u> Trading Status - Further clarification.</p> <p><u>Chap 5.4 (Page 18)</u> Freezing of Price - Due to implementation of Day Order.</p> <p><u>Chap 7.2 (Page 24)</u> RSS Trade Limit - Change of trade limit percentage from 10% to 3%.</p> <p><u>Chaps 8.3, 8.6 & 8.7 (Page 27, Page 29)</u> Circuit Breaker timing and Market Order upon resumption from trading halt - Implementation of new Circuit Breaker Time. Bring forward the trigger timing of afternoon session by 15 minutes as the Main Trading Phase ends at 4:45pm compared to 5:00pm in SCORE.</p> <p><u>Chap 11.4 (Page 46 & Appendix 10)</u> Trade Cancellation Arising from Participants Error - Enhancement to procedure - POs to establish controls or measures to prevent recurrence of erroneous trades</p> <p>(Participants Error - Error Trade Cancellation form)</p>	
EO/SMO/PO/004	<p>Updates on:</p> <p>(i) New orders & validities</p>	27 June 2012
EO/SMO/PO/005	<p>Updates on:</p> <p>(i) Chap 2.6 - Tick Size (ETB and Multicurrency)</p> <p>(ii) Chap 4.1 - Price Thresholds (ETB and Multicurrency)</p> <p>(ii) Chap 11.2 - Trade cancellation</p> <p>(iii) Exchange Traded Bond (ETB) updates on</p> <ul style="list-style-type: none"> • Chap 2.2 - Market Segment • Chap 6.1 - Buying-In 	10 September 2012
EO/SMO/PO/006	<p>Updates due to revamp of Rules of Bursa Securities</p>	1 April 2013



DOCUMENT RELEASE NOTE

Release No.	Revision Details	Date
EO/SMO/PO/007	As below:	2 December 2013

Topic	Type Of Change	Summary
Chapter 2 : Trading Phases & market Timing	Update	To update on conversion of unfilled market order to limit order at the last done price.
	New	To introduce Stop Limit Order and Stop Market Order.
	Update	To update the behaviour of orders and matching during Trading at Last.
	New	To introduce order tagging requirement.
	Update	To include behaviour of order priority in modification and cancellation of orders for clarity.
Chapter 4 : Reference Price & Price Thresholds	Update	To change the chapter title from “PRICE THRESHOLD” to “REFERENCE PRICE AND PRICE THRESHOLDS” to better reflect the content.
	Update	To reorganise the topic of reference price for clarity.
	Update	To rephrase “Price Threshold” to “Static Price Threshold” to differentiate it from “Dynamic Price Threshold”.
	New	To introduce “Dynamic Price Threshold”, application and requirement.



DOCUMENT RELEASE NOTE

Topic	Type Of Change	Summary																						
Chapter 5 : Trading Status	Update	To indicate changes in terminology: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Board (previously known as Securities Group)</th> </tr> <tr> <th style="text-align: center;">Old</th> <th style="text-align: center;">New</th> </tr> </thead> <tbody> <tr> <td>Authorised</td> <td>Active</td> </tr> <tr> <td>Interrupted</td> <td>Halt or Circuit Breaker Halt</td> </tr> <tr> <td>Forbidden</td> <td>Suspend or Circuit Breaker Suspend</td> </tr> <tr> <th colspan="2" style="text-align: center;">Securities</th> </tr> <tr> <th style="text-align: center;">Old</th> <th style="text-align: center;">New</th> </tr> <tr> <td>Open</td> <td>Active</td> </tr> <tr> <td>Reserved</td> <td>NA</td> </tr> <tr> <td>Suspended</td> <td>Suspend</td> </tr> <tr> <td>Halt</td> <td>Halt</td> </tr> </tbody> </table>	Board (previously known as Securities Group)		Old	New	Authorised	Active	Interrupted	Halt or Circuit Breaker Halt	Forbidden	Suspend or Circuit Breaker Suspend	Securities		Old	New	Open	Active	Reserved	NA	Suspended	Suspend	Halt	Halt
	Board (previously known as Securities Group)																							
Old	New																							
Authorised	Active																							
Interrupted	Halt or Circuit Breaker Halt																							
Forbidden	Suspend or Circuit Breaker Suspend																							
Securities																								
Old	New																							
Open	Active																							
Reserved	NA																							
Suspended	Suspend																							
Halt	Halt																							
Remove	Trading Status of “Reserved” is no longer applicable due to the changes in market order.																							
Chapter 6 : Buying-in Transaction	Update	To include PO and its client’s duty to ensure share delivery for selling to buying in board transactions.																						
	Update	<ul style="list-style-type: none"> • To emphasize the cut off time of 5pm for manual buy in request. • To include new version of <i>Request For Manual Buy In</i> and <i>Request For Withdrawal of Manual Buy In</i> 																						
Chapter 7 : Short Selling	Update	To include treatment of erroneous trades in RSS account for non RSS securities and / or crediting of non-RSS securities in the RSS designated account arising from corporate action.																						
	Update	To include the RSS Aggregate Trade Limit and suspension thereafter to reflect the trading rules in clarity.																						



DOCUMENT RELEASE NOTE

Topic	Type Of Change	Summary
Chapter 9 : Direct Business Transaction	Remove	To remove the requirement of initiation and confirmation of DBTs within 15 minutes.
	Remove	To remove the clause where POs are allowed to key in DBTs at any price not more or not less than 99% of the current VWAP of the securities. POs are now able to key DBTs at all price subject to rules and regulations of Bursa Malaysia Securities.
	Remove	To remove the clause where PO can request Bursa to key in DBTs on behalf of the PO. Bursa is no longer able to key in on behalf of POs of any DBTs.
	New	To include selling counterparty to be the party initiating the DBT, and buying party to confirm.
Chapter 11 : Contingency Measures	Remove	To remove the section on “Client Amendment During Intraday Disaster”.
Chapter 12 : Market Emergency	Remove	To remove the factors used in deciding the circumstances to suspend trading based on 1/3 rule.
Appendix 4	New	Request for Dynamic Price Threshold Upliftment.
Appendix 5	New	The Workings of Dynamic Price Threshold.
Appendix 6a	Update	Removed screen views.
Appendix 7	Remove	Request for Direct Business Transaction.
Appendix 9	New	Request for Cancellation of Direct Business Transaction.

- 1. INTRODUCTION**

- 2. TRADING PHASES AND MARKET TIMING**
 - 2.1 General
 - 2.2 Market Segments
 - 2.3 Trading Phases and Market Timing
 - 2.4 Trading Phases of Securities Group
 - 2.5 Orders
 - 2.6 Tick Size

- 3. MARKET OPENING AND CLOSING**
 - 3.1 General
 - 3.2 Market Opening and Closing Process
 - 3.3 Theoretical Opening Price (TOP) Calculation
 - 3.4 4 Basic Rules In Calculating TOP

- 4. REFERENCE PRICE AND PRICE THRESHOLDS**
 - 4.1 Reference Price
 - 4.2 Static Price Threshold
 - 4.3 Dynamic Price Threshold

- 5. TRADING STATUS**
 - 5.1 Trading Status
 - 5.2 Interrupt/Halt and Suspension of Securities Board Trading
 - 5.3 Suspended (Halt/Suspend)
 - 5.4 Freezing of Price

- 6. BUYING-IN TRANSACTIONS**
 - 6.1 Buying-in Transactions
 - 6.2 Procedures to Request for Manual Buying-in/ Withdrawal of Manual Buying-in

7. SHORT SELLING

- 7.1 General
- 7.2 Regulated Short Selling
- 7.3 Proprietary Day Trading

8. CIRCUIT BREAKER

- 8.1 General
- 8.2 Business Rules 8.33
- 8.3 Bursa Malaysia Circuit Breaker Trigger Limits
- 8.4 Trading Halts Due to Circuit Breaker Triggered
- 8.5 Calculation of Circuit Breaker Trigger
- 8.6 Trading Status During Circuit Breaker
- 8.7 Resumption of Trading

9. DIRECT BUSINESS TRANSACTIONS (DBT)

- 9.1 Direct Business Transaction

10. ON MARKET MARRIED TRANSACTION (OMMT)

- 10.1 General
- 10.2 OMMT Features
- 10.3 OMMT Trade Information
- 10.4 OMMT Order Administrations

11. CONTINGENCY MEASURES

- 11.1 Order Cancellation
- 11.2 Trade Cancellation

12. MARKET EMERGENCY

- 12.1 Trade Suspension

APPENDICES

1.1 Scope of Coverage

1.1.1 This manual provides Participating Organisations (POs) with the following information relating to the operations of the Bursa Malaysia Securities Berhad (BMSB) and pertinent procedures on dealing with Bursa Malaysia Securities.

1.1.2 The guidelines and procedures in this manual are intended for general usage. Where exceptions are to be made, POs should exercise discretion and good judgment accordingly. In case of doubt, POs should check with the Securities Market Operations (SMO) - Market Operations of Bursa Malaysia Bhd.

1.2 Intended Audience

1.2.1 The primary audience of this manual is the POs of Bursa Malaysia who are involved in the related operational aspects of securities trading.

1.3 Ownership and Custody of Manual

1.3.1 The owner of this manual is SMO. It shall be responsible for incorporating into this manual, any changes or amendments in line with policy and procedures changes and distributing the updates to the relevant parties.

1.3.2 No part of this manual is to be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system, without the permission in writing from the EVP, Exchange Operations.

1.4 Responsibility of the Recipient

1.4.1 Recipients of the copy of this manual shall have the responsibility for its safe custody and controlled disclosure to authorised staff only.

2.1 General

All buy and sell orders will be keyed in by the market participants via Participating Organisations' Order Management System (OMS) into Bursa's Automated Trading System (ATS) as per the prescribed trading Phases and Market Timing.

2.2 Market Segments

Trading of Securities is conducted in the following 4 market segments:

- **Normal Lot Market**

Refers to securities traded in Board Lot (100 unit per lot) size except for ETB securities which are traded in Board Lot (10 unit per lot) size.

Type of securities	Traded board lot (unit)
All securities	100
ETB securities	10

- **Odd Lot Market**

Refers to securities traded in a quantity of between 1 to 99 units except for ETB securities which are traded in a quantity of between 1 to 9 units.

Type of securities	Traded Quantity (unit)
All securities	1 to 99
ETB securities	1 to 9

- **Buying-in Normal Market**

Where a PO, having sold securities in board lots, fails by the Scheduled Delivery Time to make available in the relevant securities account, the securities in board lots as tradeable balance the Exchange shall upon being advised by the Clearing House of the failed contract, automatically buy-in against the defaulting PO concerned without notice, on the settlement day.

- **Direct Business Transaction (DBT) Market**

Refers to any share transactions effected outside Bursa Malaysia, i.e. crossing (transaction between two POs), or married (transaction between two clients within the same PO).

2.3 Trading Phases and Market Timing

Each market segments will typically go through the following trading phases and market timing, and in the sequence as shown below:

Trading Phases	Market Timing			
	Normal Lot Market	Odd Lot Market	Buying-in Market	DBT Market
Pre-Opening (1 st session)	8:30am	8:30am	-	-
* Opening Auction / Main Trading Phase (1 st session)	9:00am	9:00am	**8:30am	8:30am
End of Session	12.30pm	12.30pm	12.30pm	-
Pre-Opening (2 nd session)	2:00pm	2:00pm	-	-
* Opening Auction / Main Trading Phase (2 nd session)	2:30pm	2:30pm	**2:00pm	-
Pre-Closing (2 nd session)	4.45pm	4:45pm	-	-
* Closing Auction / Trading At Last	4:50pm	4:50pm	-	-
End of Trading Day	5:00pm	5:00pm	5:00pm	5:15pm
* Switch over to next phase is instantaneous upon completion of this phase				
** The latest time buying-in trades will be broadcasted				

Bursa Malaysia Securities Rule 8.09 permits contract amendment and stipulates the conditions for such amendment. The PO can make such amendment up till 8pm on the transaction date.

2.4 Trading Phases of Securities Groups

The trading phases for all securities will follow Bursa Malaysia pre-set trading phases. However, Bursa Malaysia reserves the right to effect any changes at any time and POs will be informed accordingly either through POs' Circular or through system broadcast messages.

The Securities Group which is also known as sectors generally go through the following Trading Phases:

Trading Phases	Functions/Activities
Pre-Opening	<ul style="list-style-type: none"> • Orders can be entered, modified and cancelled. • No matching of orders. • Theoretical Opening Price (TOP) of each securities is dynamically calculated. • Information is broadcasted to market based on orders in order book. • Order types + Validity types that can be entered are: <ul style="list-style-type: none"> (i) Limit Orders (ii) Limit Orders + Fill and Kill
Opening Auction	<ul style="list-style-type: none"> • This is an order-matching phase during which orders in the ATS are matched. • Opening price is last TOP calculated before matching. • Opening price and quantity of contract matched are broadcasted. • Once Opening Auction completed, system will automatically move to Main Trading Phase. • If there is no TOP computed for any reason whatsoever, and no matching can be done at Opening Auction, the orders in the ATS will be carried forward to the main trading phase and the price of first trade occurring in main trading phase is designated as the opening price. • No orders can be entered/modified/cancelled during Opening Auction.

Trading Phases	Functions/Activities
Main Trading Phase	<ul style="list-style-type: none"> • Orders can be entered, modified and cancelled. • Trading takes place on a continuous basis. • Each incoming order is checked immediately for possible execution. • Unexecuted portion of such order is added to the order book. • Matching will be based on Price and Time Priority. • Order types + Validity types that can be entered are: <ul style="list-style-type: none"> (i) Limit Orders (ii) Limit Orders + Fill and Kill (FAK) (iii) Limit + Fill and Kill (FAK)+ Minimum Quantity (iv) Limit + Minimum Quantity (v) Market Orders (vi) FAK Market Orders + FAK (vii) FAK Market Orders + FAK + Minimum Quantity (viii) Market to Limit (ix) Market to Limit + FAK (x) Market To Limit + FAK + Minimum Quantity (xi) Market To Limit + Minimum Quantity (xii) Stop Limit Order + Day (xiii) Stop Market Order + Day
Pre Closing	<ul style="list-style-type: none"> • Starts immediately after end of Main Trading Phase. • Orders can be entered, modified and cancelled, but no matching will take place. • Theoretical Closing Price (TCP) is calculated each time a new order is entered into the order book. • Order types + Validity types that can be entered are: <ul style="list-style-type: none"> (i) Limit Orders (ii) Limits Orders + Fill and Kill.

Trading Phases	Functions/Activities
Closing Auction	<ul style="list-style-type: none"> • This is an order-matching phase during which orders in the ATS are matched. • No new orders can be entered/modified/cancelled during Closing Auction. • Closing price is last TCP calculated before matching. • Closing price and quantity of contract matched are broadcasted. • Once Closing Auction is completed, system will automatically move to Trading At Last (TAL) Phase. • If there is no TCP computed for any reason whatsoever, and no matching can be done at Opening Auction, the orders in the ATS will be carried forward to the TAL phase and the price of the last trade occurred in the main trading phase is designated as the closing price.
Trading At Last	<ul style="list-style-type: none"> • Orders can be entered, modified and cancelled. • Orders can be entered and matched at the last done price/ closing price only. • Order types + Validity types that can be entered are: <ul style="list-style-type: none"> (i) Limit Orders (ii) Limits Orders + Fill and Kill (iii) Limit Orders + Fill and Kill + Minimum Quantity (iv) Limit Order + Minimum Quantity
End of Session/ Trading Day	<ul style="list-style-type: none"> • Orders cannot be entered, modified, cancelled or matched.

2.5 Orders

All orders entered into the ATS shall contain such particulars or information as may be prescribed by Bursa Malaysia. The quantity for a single order of securities entered into the ATS shall not exceed 5,000 board lots for normal lots and 99 units for odd lots. This rule is also applicable to Buying-in transactions.

2.5.1 Order Types

ATS uses the order types to prioritize transactions for matching. Market order has the highest priority in matching.

(i) **Limit Order**

A limit order is an order which has a price limit specified at the time of entry. A limit order is executed at the specified price or a better price. Buy limit orders can match at prices less than or equal to the limit price.

Sell limit orders can match at prices greater than or equal to the limit price. An incoming limit order can match with multiple orders in the book at prices up to the limit price specified.

Please refer to Appendix 1 for Examples on Limit Order Matching

(ii) **Market Order (An order with no limit price)**

A Market Order is an order that shall be executed at the best available price/s, as quickly as possible. Only the order quantity needs to be specified when a market order is entered into the system. Quantity of a market order which is not fully executed will be converted to a limit order at the last traded price.

Market orders are only accepted during main trading phase and when there is an existing order on the opposite side of the order book. A market order entered without any opposite order in the order book will be rejected by the system.

Market order is not allowed during Circuit Breaker Trading Halt, for Regulated Short Selling (RSS), Proprietary Day Trading (PDT) and Permitted Short Selling (PSS).

Please refer to Appendix 2 for Examples on Market Order Matching

(iii) **Market to Limit Orders (MTL)**

A Market to Limit (MTL) order is an order that is executed at the best opposite order price limit on the market when it is introduced on the

system. If it is not completely executed, the Market to Limit order is put in the book for the remaining quantity at the execution limit.

This type of order is available in Main Trading Phase only.

Order price is not required for MTL order type. Only quantity needs to be specified during order entry. MTL order is not acceptable if there is no opposite side orders.

MTL order can be entered with a minimum quantity specified.

(iv) **Fill and Kill Market order (FAK MO)**

This is an order which is immediately executed for all possible quantity on the opposite side, and the remaining quantity if any, will be automatically eliminated by the trading system.

This type of order is available in Main Trading Phase only. Order price is not required for FILL and Kill Market order type. Only quantity needs to be specified during order entry. Fill and Kill Market order can be entered with a minimum quantity specified.

(v) **Fill & Kill (FAK)**

Orders used in combination with Fill & Kill (FAK) type validity is an order requiring that all or part of the order to be executed immediately after it has been put to the market. Any portions not executed are automatically cancelled by the trading system.

(vi) **Minimum quantity**

Orders used in combination with minimum quantity type will be immediately executed at the minimum quantity the least otherwise the order is eliminated. Minimum quantity is used in order to control the minimum size to be traded.

(vii) **Stop Limit Order**

Orders that become limit orders when the trigger price is reached. The trigger price can be set at \leq or \geq of bid, ask and last done price. This order is used in combination of Day type validity and can be executed during Main Trading phase only.

(viii) **Stop Market Order**

Orders that become market orders when the trigger price is reached. The trigger price can be set at \leq or \geq of bid, ask and last done price. This order is used in combination of Day type validity and can be executed during Main Trading phase only.

2.5.2 **Order Characteristics - Day Order**

All market and limit orders (normal and odd lots) will be valid for the whole day. All unmatched orders from the 1st trading session will be automatically carried forward to the 2nd trading session.

There will be no loss of order priority for the carried forward orders.

Any modification or cancellation of the orders carried forward from the first session can be performed after 2pm.

2.5.3 **Modification and Cancellation of Orders**

Any orders entered into the ATS may be modified or cancelled by the PO when unexecuted or unmatched, subject always to the rights of Bursa Malaysia not to allow for such modification or cancellation in circumstances it deems fit.

In modification, a PO is permitted to increase and decrease both the quantity and price of an order entered before the order is matched. However, any modification will result in change of order priority for matching.

The following is the behavior of the order priority upon its respective modification:

- i. Increase of Buy price / Decrease of Sell price - higher priority
- ii. Decrease of Buy price / Increase of Sell price - lower priority
- iii. Increase of quantity - higher priority
- iv. Decrease of quantity - no change of priority

2.5.4 Trading at Last Orders

During trading at last phase, orders can be entered and matched at the last done price or pre-closing price (TOP) only. Market Orders and stop orders are not allowed; only Limit Orders at the last done price or TOP can be entered. When there is an order queuing in the order book during the trading at last which is better than the last done price/ TOP, the incoming orders will match at the last done price/TOP.

Example:

- The last done price for counter ABC is RM0.70
- The best sell price is RM0.60 (carried forward from main trading phase / pre-opening/pre-closing phase) but no TOP calculated during pre-closing

During the trading at last phase,

if a dealer enters a BUY order at RM0.70, the orders will match at RM0.70.

If a dealer enters a SELL order at RM0.70, the order will be accepted and queue in the order book.

2.5.5 Tagging of Orders

POs must ensure that all the following order categories and order sources are tagged according to the order category codes and order source codes specified in the FIX Technical Specification document:

1st Level

- i. Regulated Short Selling (RSS)
- ii. Permitted Short Selling (PSS)

- iii. Naked Short Selling (PDT)

2nd Level

- i. Direct Market Access (DMA)
- ii. Asean Link
- iii. Algorithm trading
- iv. Broker Assisted
- v. Internet trading

Any changes to the order category codes and order source codes will be updated in the FIX Technical Specification document and published to POs accordingly.

2.6 Tick Size

A tick size is the permissible change on the offer to buy/sell price over the previous done or quoted price. When trading on Bursa Malaysia, buy/sell of shares within different price ranges follow different ticks.

The following are the tick sizes for the securities:

Type of Securities	Price of Securities	Tick Size
Tick Sizes for Securities Quoted in RM		
All securities except for ABFMY1, Equity-based Exchange Traded Fund and Exchanged Traded Bond (ETB)	<u>RM</u> Less than 1.00	<u>Sen</u> 0.5
	Between 1.00 to 9.99	1
	Between 10.00 to 99.98	2
	100.00 and above	10
ABFMY1	At any price	0.1
Equity-based Exchange Traded Fund	Less than 1.00	0.1
	Between 1.00 to 2.99	0.5
	3.00 and above	1
Exchanged Traded Bond (ETB)	At any price	1

Type of Securities	Price of Securities	Tick Size
Tick Sizes for Securities Quoted in USD, EURO, AUD and SGD		
All securities except for Equity-based Exchange Traded Fund and Exchanged Traded Bond (ETB)	<u>Dollar</u>	<u>Cent</u>
	Less than 1.00	0.5
	Between 1.00 to 9.99	1
	Between 10.00 to 99.98	2
	100.00 and above	10
Equity-based Exchange Traded Fund	Less than 1.00	0.1
	1.00 to 2.99	0.5
	3.00 and above	1
Exchanged Traded Bond (ETB)	At any price	1
Tick Sizes for Securities Quoted in GBP		
All Securities except for Equity based Exchange Traded Fund and Exchanged Traded Bond (ETB)	<u>Pound</u>	<u>Pence</u>
	Less than 1.00	0.5
	Between 1.00 to 9.99	1
	Between 10.00 to 99.98	2
	100.00 and above	10
Equity-based Exchange Traded Fund	Less than 1.00	0.1
	1.00 to 2.99	0.5
	3.00 and above	1
Exchanged Traded Bond (ETB)	At any price	1

For bonds, debentures, loan securities, warrants and call warrants, the minimum bid structure will have the same minimum trading spreads as for shares.

3.1 General

This chapter describes the market opening/closing process for securities trading. This process includes determining the opening/closing price and the matching and execution of buy and sell orders during Opening/Closing Auction. The same algorithm is used for all securities traded on the system.

3.2 Market Opening and Closing Process

Each trading session will start/end with Pre-Opening/Pre-Closing phase. During the Pre-Opening/Pre-Closing phase, all orders can be entered and maintained by dealers, but no matching takes place. During this phase, a “**Theoretical Opening Price**” (TOP) for each securities is calculated by ATS and disseminated accordingly.

Dealers can continue to enter, modify and delete orders during Pre-Opening/Pre-Closing. Order entries, modification and deletion may change the TOP. When this occurs, the system will determine the new opening price and display it to the market.

Upon completion of the Pre-Opening period, the market will automatically open for trading and proceed to Main Trading Phase. During the Opening Auction, orders are matched and executed at the TOP; order modification or cancellation is not allowed. Upon entering Main Trading Phase, the remaining orders will be carried forward to Main Trading Phase.

3.3 Theoretical Opening Price (TOP) Calculation

3.3.1 The Theoretical Opening Price (TOP) is calculated realtime in pre-opening/pre-closing phase, with the following occurings:

- Limit orders .
- The total quantity is taken into account;
- Each time an order is entered, modified or deleted, the processing of TOP calculation is triggered;
- The order price must range between and include the lower and upper of the Price Thresholds, otherwise the order is rejected.

3.4 4 Basic Rules In Calculating TOP:

R1 : Maximization of matching quantity at the selected price.

R2 : Minimization of non-matching quantity.

R3 (i) : When several prices are used to respect R1 & R2, and imbalance of unfilled quantity is on the buy side, then the TOP used is the highest price.

R3 (ii) : When several prices are used to respect R1 & R2 , and imbalance of unfilled quantity is on the sell side, then the TOP used is the lowest price.

R4 : Closest price to the Reference Price i.e. the settlement price.

Please refer to Appendix 3 for examples on calculation of TOP.

4.1 Reference Price

Reference Price means:

- 4.1.1 except for the situations enumerated in paragraph (4.1.2) below, the Last Done Price of the previous trading day or, in the event no trade in respect of the securities was effected on the previous trading day, of the last trading day in which trades were effected;
- 4.1.2 if for two (2) consecutive trading sessions of one (1) market day no trading has been done for a particular securities –
 - (i) the Upper Limit Price at market close, if there is an order to buy at the Upper Limit Price at the close of both the trading sessions and it is greater than the last Reference Price; or
 - (ii) the Lower Limit Price at market close, if there is an order to sell at the Lower Limit Price at the close of both the trading sessions and it is less than the last Reference Price.
- 4.1.3 for securities quoted ex-entitlement, as determined by the Exchange; or
- 4.1.4 for securities which have been approved by the Exchange for listing and quotation on the Official List, on the first day of their listing and quotation, the issue or offer price of such securities; or
- 4.1.5 in any other circumstances, as determined by the Exchange.

4.2 Static Price Thresholds

Bursa Malaysia shall enforce Static Price Thresholds for all securities traded on the BMSB. Accordingly, Bursa Malaysia may stipulate the maximum price ('upper limit') and the minimum price ('lower limit') at which an order in respect of a securities may be entered.

In adjusting prices to fit into the correct tick size, for upper threshold, Bursa Malaysia will adjust the threshold price downward to the nearest bid while lower threshold will be adjusted upward to the nearest bid. All price thresholds are valid for the whole trading day.

No orders shall be entered above the upper threshold or below the lower threshold defined by Bursa Malaysia during the trading day. Bursa Malaysia may from time to time change the upper threshold and/or the lower threshold of the counter at its discretion.

The Exchange may take necessary action it deems appropriate if a matching on an order for board lots or odd lots result in a breach of the upper or lower price thresholds.

The Static Price Thresholds set for securities traded on BMSB can be viewed on the following pages.

Type of Securities	Reference Price	Lower Price Threshold	Upper Price Threshold
Securities Quoted in RM			
All securities on the first day of listing or quotation except for ABFMY1 and ETB	Equal to or above RM1.00	In a Market Day, 30% below the Reference Price rounded to the higher bid.	In a Market Day, 400% (5 times) above the Reference Price rounded to the lower bid.
	Below RM1.00	In a Market Day, 30 sen below the Reference Price rounded to the higher bid.	In a Market Day, 400% (5 times) or 30 sen above the Reference Price, whichever is higher, rounded to the lower bid.
ABFMY1 on the first day of listing or quotation	At any price	In a trading day, 30 sen below the Reference Price rounded to the higher bid.	In a trading day, 30 sen above the Reference Price rounded to the lower bid.
Exchange Traded Bond (ETB) on the first day of listing or quotation	Equal to or above RM1.00	In a Market Day, 10% below the Reference Price rounded to the higher bid.	In a trading day, 10% above Reference Price rounded to the lower bid.
	Below RM1.00	In a Market Day, 10 sen below the Reference Price rounded to the higher bid.	In a trading day, 10 sen above Reference Price rounded to the lower bid.

Type of Securities	Reference Price	Lower Price Threshold	Upper Price Threshold
Securities Quoted in RM (cont'd)			
All securities except for ABFMY1 and ETB	Equal or above RM1.00	In a trading day, 30% below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30% above the previous Closing Price/LACP rounded to the lower bid.
	Below RM1.00	In a trading day, 30 sen below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30 sen above the previous Closing Price/LACP rounded to the lower bid.
ABFMY1	At any price	In a trading day, 30 sen below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30 sen above the previous Closing Price/LACP rounded to the lower bid.
Exchange Traded Bond (ETB)	Equal or above RM1.00	In a trading day, 10% below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 10% above the previous Closing Price/LACP rounded to the lower bid.
	Below RM1.00	In a trading day, 10 sen below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 10 sen above the previous Closing Price/LACP rounded to the lower bid.

Type of Securities	Reference Price	Lower Price Threshold	Upper Price Threshold
Securities Quoted in USD, EURO, AUD and SGD			
All securities except for ABFMY1 and ETB on the first day of listing or quotation	Equal to or above USD/EURO/AUD/SGD 1.00	In a Market Day, 30% below the Reference Price rounded to the higher bid.	In a Market Day, 400% (5 times) above the Reference Price rounded to the lower bid.
	Below USD/EURO/AUD/SGD 1.00	In a Market Day, 30 cents below the Reference Price rounded to the higher bid.	In a Market Day, 400% (5 times) or 30 cents above the Reference Price, whichever is higher, rounded to the lower bid.
ABFMY1 on the first day of listing or quotation	At any price	In a trading day, 30 cents below the Reference Price rounded to the higher bid.	In a trading day, 30 cents above the Reference Price rounded to the lower bid.
Exchange Traded Bond (ETB) on the first day of listing or quotation	Equal to or above USD/EURO/AUD/SGD 1.00	In a Market Day, 10% below the Reference Price rounded to the higher bid.	In a trading day, 10% above the Reference Price rounded to the lower bid.
	Below USD/EURO/AUD/SGD 1.00	In a Market Day, 10 cents below the Reference Price rounded to the higher bid.	In a trading day, 10 cents above the Reference Price rounded to the lower bid.

Type of Securities	Reference Price	Lower Price Threshold	Upper Price Threshold
Securities Quoted in USD, EURO, AUD and SGD (cont'd)			
All securities except for ABFMY1 and ETB	Equal to or above USD/EURO/AUD/SGD 1.00	In a trading day, 30% below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30% above the previous Closing Price/LACP rounded to the lower bid
	Below USD/EURO/AUD/SGD 1.00	In a trading day, 30 cents below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30 cents above the previous Closing Price/LACP rounded to the lower bid
ABFMY1	At any price	In a trading day, 30 cents below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30 cents above the previous Closing Price/LACP rounded to the lower bid.
Exchange Traded Bond (ETB)	Equal to or above USD/EURO/AUD/SGD 1.00	In a trading day, 10% below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 10% above the previous Closing Price/LACP rounded to the lower bid.
	Below USD/EURO/AUD/SGD 1.00	In a trading day, 10 cents below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 10 cents above the previous Closing Price/LACP rounded to the lower bid.

Type of Securities	Reference Price	Lower Price Threshold	Upper Price Threshold
Securities Quoted in GBP			
All securities on the first day of listing or quotation except for ABFMY1 and ETB	Equal to or above GBP1.00	In a Market Day, 30% below the Reference price rounded to the higher bid.	In a Market Day, 400% (5 times) above the Reference Price rounded to the lower bid.
	Below GBP1.00	In a Market Day, 30 pence below the Reference Price rounded to the higher bid.	In a Market Day, 400% (5 times) or 30 pence above the Reference Price, whichever is higher, rounded to the lower bid.
ABFMY1 on the first day of listing or quotation	At any price	In a trading day, 30 pence below the Reference Price rounded to the higher bid.	In a trading day, 30 pence above the Reference Price rounded to the lower bid.
Exchange Traded Bond (ETB) on the first day of listing or quotation	Equal to or above GBP1.00	In a Market Day, 10% below the Reference Price rounded to the higher bid.	In a trading day, 10% above Reference Price rounded to the lower bid.
	Below GBP1.00	In a Market Day, 10 pence below the Reference Price rounded to the higher bid.	In a trading day, 10 pence above Reference Price rounded to the lower bid.

Type of Securities	Reference Price	Lower Price Threshold	Upper Price Threshold
Securities Quoted in GBP (cont'd)			
All securities except for ABFMY1 and ETB	Equal to or above GBP1.00	In a trading day, 30% below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30% above the previous Closing Price/LACP rounded to the lower bid.
	Below GBP1.00	In a trading day, 30 pence below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30 pence above the previous Closing Price/LACP rounded to the lower bid.
ABFMY1	At any price	In a trading day, 30 pence below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 30 pence above the previous Closing Price/LACP rounded to the lower bid.
Exchange Traded Bond (ETB)	Equal to or above GBP1.00	In a trading day, 10% below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 10% above the previous Closing Price/LACP rounded to the lower bid.
	Below GBP1.00	In a trading day, 10 pence below the previous Closing Price/LACP rounded to the higher bid.	In a trading day, 10 pence above the previous Closing Price/LACP rounded to the lower bid.

4.3 Dynamic Price Threshold

- 4.3.1 In addition to the Static Price Threshold, the Exchange has additional measure to prevent sudden fluctuation in price movement due to trade aberration. This security measure, known as Dynamic Price Threshold or Dynamic Limits will apply to all securities except new listings.
- 4.3.2 Dynamic Price Threshold applies only to normal market orders and is not applicable for orders in Odd Lot, Buying-in and DBT markets. It is not applicable during pre-open, pre-close and trading at last phase. It is also not applicable during securities halt and Circuit Breaker Halt periods. For the avoidance of doubt, please refer to Section 2.3 Trading Phases and Market Timing of this document.
- 4.3.3 The Dynamic Price Threshold comprises of upper and lower thresholds and is continually updated based on a deviation of a percentage / absolute value from the last done prices of securities during the main trading phase throughout the day. If there is no last done price for a securities, the Reference Price will be used as the base to calculate Dynamic Price Threshold.

In circumstances where there is no trading for a particular securities for two (2) consecutive trading sessions of one (1) market day (refer section 4.1.2 of this chapter), the computation of Dynamic Price Threshold, for the next trading day, shall be based on Static Price Thresholds:

- (i) the upper limit price at market close, if there is an order to buy at the upper limit price at the close of both the trading sessions and it is greater than the last Reference Price; or
- (ii) the lower limit price at market close, if there is an order to sell at the lower limit price at the close of both the trading sessions and it is less than the last Reference Price.

4.3.4 The Dynamic Price Threshold range is set as below:

Price Range	Limit Threshold / Price Band
Below RM1.00	RM0.08
RM 1.00 and above	8%

4.3.5 When an incoming order attempts to match with a resting order i.e. an existing order in the order book at a price outside of the Dynamic Price Threshold, the incoming order will be purged by the system without any disruptions to the trading/matching of other orderly transactions. The resting orders will remain in the order book. Similarly, if the order is to partially match and the balance of the order breach the Dynamic Price Threshold, the balance of the order will be purged by the trading system.

4.3.6 If the Dynamic Price Threshold of a securities is triggered, the POs can request to the Exchange to facilitate trading of the said securities for a period of time. A verbal request by the Designated Trading Manager to the Securities Market Operations at 03-2034 7777 must be followed by the Request for Dynamic Price Threshold Upliftment form immediately. *Please refer to Appendix 4 for the form.*

The Exchange will issue a Special Announcement to inform the market on the temporary upliftment of the Dynamic Price Threshold mechanism on that securities and its resumption time. The upliftment period for Dynamic Price Threshold mechanism upon request is ten minutes.

4.3.7 During the upliftment of Dynamic Price Threshold mechanism of the securities, orders can be matched beyond the Dynamic Price Threshold mechanism band, and only static limit will be in effect.

- 4.3.8 Bursa retains the rights to review and change the Dynamic Price Threshold and upliftment period at any time. Changes will be communicated to the marketplace.

Please refer to Appendix 5 for the workings of Dynamic Price Threshold.

5.1 Trading Status

The Trading Status of a securities shall be specified by Bursa Malaysia in any one of the following manner:

- **Active**

When a Securities is specified as 'Active', orders in relation to the Securities may be entered, modified, cancelled and matched.

- **Circuit Breaker Halt (Levels 1 and 2)**

When an Index Circuit Breaker Level 1 and Level 2 is triggered, the Trading Status of a Securities is specified as 'Halt', orders may be entered, modified and cancelled but shall not be matched.

Circuit Breaker Suspension (Level 3)

When a Securities is specified as 'Suspend', orders in respect of the securities shall not be entered, modified, cancelled or matched.

- **Suspension**

When the securities is specified as '**Suspend**', orders in respect of the securities shall not be entered, modified, cancelled or matched. This status will be manually invoked upon request for suspension.

- **Halt**

When the securities is specified as '**Halt**', orders in respect of the securities can be entered, modified or cancelled. However, no matching will take place. This status will be manually invoked upon request for suspension.

5.2 Interrupt/Halt and Suspension of Board

5.2.1 The trading status of a Board will display 'Circuit Breaker Halt', when the circuit breaker:

- is triggered at the first level (more than 10 % but less than 15%) or
- is triggered at the second level (more than 15% but less than 20%)

During this state, dealers are allowed to perform order entries, modification and cancellation of limit orders. No new market order entries are allowed. For both types of orders, no matching will take place during this phase. However, buying-in shall proceed as normal.

5.2.2 When a Board is in a 'Suspension' state, orders cannot be entered, modified, cancelled and matched.

A Board will be in 'Suspension' state when the circuit breaker for the securities market is triggered at the third level (equal or more than 20%).

5.3 Suspended (Halt/Suspend)

Chapter 16 of the Listing Requirements (LR) states that the Exchange may at any time suspend the trading of listed securities under certain circumstances (please refer to the LR for the circumstances).

The following is a clarification on how trading halts will be implemented and which trading activities will be allowed during the trading halts for Normal and Odd Lot Markets:

- Where the material announcement is released during trading hours, the trading halt imposed will be for 1 hour or until the end of that trading session, whichever is earlier.
- Where the material announcement is released before the commencement of trading at 9:00 am, a trading halt will be imposed for 1 hour from 9:00 am. Order

entry and modification will be allowed during this time and Theoretical Opening Price (TOP) will be calculated, but no matching of trades will take place.

- Where the material announcement is released between 9:00 am and 11:00 am, a trading halt will be imposed for 1 hour from the time the material announcement is made. Order entry and modification will be allowed during this time and TOP will be calculated, but no matching of trades will take place.
- Where the material announcement is released after 11:00 am, then the trading halt will be until the end of the trading session at 12:30 pm. Similarly, where the material announcement is released after 3:30 pm, the trading halt will be until the end of the trading session at 5:00 pm. Order entry and modification is NOT allowed during this time, and TOP will NOT be calculated.
- Where the material announcement is released between 1:30 pm to 2:30 pm, the trading halt imposed will be for 1 hour from 2:30 pm. Order entry and modification will be allowed during this time and TOP will be calculated, but no matching of trades will take place.
- Where the material announcement is released between 2:30 pm and 3:30 pm, a trading halt will be imposed for 1 hour from the time the material announcement is made. Order entry and modification will be allowed during this time and TOP will be calculated, but no matching of trades will take place.
- A trading halt will not be imposed where the material announcement is released during the window period from 12:30 pm to 1:30 pm.

For DBTs, the principle is that DBTs can only be effected after 1 hour of trading under the Main Trading Phase. The rationale for the 1 hour is for the determination of the VWAP for the DBT.

Please refer to Appendices 6a and 6b for Trading Halts /Suspension of Securities and a summary of trading halts time and period with the impact of the trading halts for Normal market, Odd lot market and Direct Business Transactions.

5.4 Freezing of Price

Where an Upper Limit Price or Lower Limit Price is reached on a market day and is followed by another Upper Limit Price or Lower Limit Price, as the case may be on the next market day, the Exchange may maintain the trading price at the Last Done Price of the previous market day (“the said Last Done Price”) for such period as specified by the Exchange.

6.1 Buying-In Transactions

- 6.1.1 Buying-in is the process of buying shares by Bursa Malaysia for settlement for failed trades on behalf of defaulters. Bursa Malaysia shall institute buying-in against the relevant selling POs on the settlement day of the contract, in event that the selling clients' CDS accounts do not have sufficient securities for settlement on due date.
- 6.1.2 Buying-in is only applicable for failed board lot transactions; there is no buying-in for odd lots.
- 6.1.3 POs must ensure that clients who sell to the Buying-in Board have sufficient shares to deliver after the buy in transaction. In case of any default, both the PO and client will be subjected to enforcement actions by the Exchange.
- 6.1.4 POs may also request for a manual buying-in to be undertaken by Bursa Malaysia when there is:
- failure in delivery of securities from direct business transactions i.e. married or crossing,
 - failure by the seller in returning the entitlements arising from Rights and Bonus, to be passed to the purchaser.
 - Any other reasons as approved by the Head, Securities Market Operations.
- 6.1.5 The bidding price for buying-in of any securities by the Exchange shall be ten (10) ticks above:
- the Closing Price on the previous market day ; or
 - the Last Done Price for the previous trading session;
 - the last 'cum' price in respect of buying-in for 'cum' contract on or after the Ex-date up to the close of business on the lodgement date;
- of such securities, whichever is higher.

The buying-in price will be based on a different tick structure and tick sizes to ensure that the buying-in price is attractive to potential sellers.

6.1.6 Below are the tick sizes for the securities, where buying-in prices shall be based on:

Market Price of Securities (incl. ETB, ABFMY1 and Equity based ETF (RM))	Tick Size (Sen)
Less than 1.00	0.5
1.00 to 2.99	1
3.00 to 4.98	2
5.00 to 9.95	5
10.00 to 24.90	10
25.00 to 99.75	25
100.00 and above	50

In computing the buying-in price, the buying-in price will be rounded up to the next tick size if the closing price falls between two tick sizes. For example if the closing price is between RM10.02 and RM10.08, the buying in price will be rounded up to RM11.10 as illustrated below:

Computation of Buying-In Price

Closing price (Based on current tick size)	Buying-in Computation (Based on the old tick size)	Buying in price
RM 10.00	10.00+1.00 (10x0.10=1.00) =RM 11.00	RM11.00
RM10.02	10.02+1.00 (10x0.10=1.00) =RM11.02	RM11.10 (rounded up to RM11.10)
RM 10.04	10.04+1.00 (10x0.10=1.00) =RM 11.04	RM11.10 (rounded up to RM11.10)
RM 10.06	10.06+1.00 (10x0.10=1.00) =RM 11.06	RM11.10 (rounded up to RM11.10)
RM 10.08	10.08+1.00 (10x0.10=1.00) =RM 11.08	RM11.10 (rounded up to RM11.10)
RM 10.10	10.10+1.00 (10x0.10=1.00) =RM 11.10	RM11.10

- 6.1.7 For the purpose of buying-in of ETFs, the same buying-in structure for stocks to be applied for ETFs as follows:

For example in the case of FB30ETF if its traded in the range of RM5.77, the buying-in tick will be under the range of RM5.00 to RM9.95 which is 0.05. Therefore the buying-in price premium will be (10 ticks X 5sen) 50sen.

This is to ensure that the buying-in price will remain attractive for ETFs which have small minimum tick sizes.

- 6.1.8 In the case of ETBs, the same buying-in structure for securities to be applied as follows:

For example in the case of ETB stocks if its traded in the range of RM100.03, the buying-in tick will be under the range of over RM100.00, which is RM0.50. Therefore the buying-in price premium will be (10 ticks X 50sen) RM5.00.

- 6.1.9 If the securities are not obtained on the first day, the buying-in shall continue on the second and each succeeding business day and the bid price shall be raised by five (5) ticks until the securities are bought.

- 6.1.10 Bursa may suspend the daily increase in the bidding price or revise the bid so that the bidding price shall not be more than 25% above the last recorded sales or the last buying price bid of the previous market day, whichever is higher.

6.2 Procedures to Request for Manual Buying-in/ Withdrawal of Manual Buying-in

POs must provide Securities Market Operations with the latest list of its personnel who are authorised to request for manual buying-in/ withdrawal of manual buying-in request.

All requests for manual buying-in should be made using the *Request To Buying-In Under Manual* form (Appendix 7). Requests for withdrawal of buying-in should be made using the *Request for Withdrawal of Buying-In* form (Appendix 8).

All requests must be submitted and confirmed with SMO by 5pm every trading day.

Responsibility	Action
POs	<ol style="list-style-type: none"> 1. Send duly authorised Manual Buying-In/Withdrawal of Manual Buying-In request forms by fax. 2. The authorised signatory to contact SMO via phone to confirm the request has been received by SMO.
SMO personnel	<ol style="list-style-type: none"> 3. When POs call, verify the particulars in the request form such as securities, quantity and the CDS account number. 4. Update system with Buying-in particulars.

7.1 General

All regulated short sell orders must be entered as limit orders, market orders are strictly not allowed.

7.2 Regulated Short Selling

7.2.1 Regulated Short Selling (RSS) means a class of securities approved by Bursa Malaysia the selling of approved securities where the seller does not own such securities but has, prior to the execution of the sale, borrowed the approved securities or obtained confirmation from an Authorised Participant that the Authorised Participant has the approved securities available to lend.

7.2.2 POs must open and use a designated trading account (RSS trading accounts) for RSS orders. Normal orders and Direct Business Transactions (DBTs) are not allowed in RSS trading account. With the exception of :

- a) erroneous trades on non-RSS approved securities and shares of non-RSS approved securities credited into the designated RSS account arising from corporate action. To facilitate rectification, normal buy and sell would be allowed to close off such positions. The PO is required to report such cases if any in the Monthly Compliance Report.
- b) normal buy transactions of RSS approved securities in the RSS account are for return only.

7.2.3 RSS orders can only be entered at a price greater than the Reference Price or Last Done Price (LDP) – up-tick rule. RSS orders with short sell price lower or equal to the reference price or the last traded price will be rejected by the ATS.

7.2.4 At start of each trading day, Reference Price is used and continues to be used during the day, if there are no trades prior to the RSS order. Where there are trades in the morning session, then LDP is used for the rest of the trading day.

7.2.5 RSS Trade Limit

The Daily Trade Limit for RSS of a particular RSS securities is set at 3% based on the daily total gross volume of RSS of the day against the issued number of shares of the said securities.

The aggregate trade limit for RSS is set at 10% based on the aggregate outstanding volume of RSS against the issued number of shares of the said securities.

Once daily RSS trade limit is reached, Bursa Malaysia will suspend RSS trading for the particular securities will be suspended for the day subject to the aggregate RSS trade limit. During such suspension, RSS orders will not be allowed to be entered for the securities. All existing RSS orders will also be cancelled by the trading system.

Once aggregate RSS trade limit is reached, Bursa Malaysia will suspend RSS trading for the particular securities. During such suspension, RSS orders will not be allowed to be entered for the securities. All existing RSS orders will also be cancelled by the trading system. The suspension will be removed when the aggregate gross volume of the RSS trade is below the aggregate RSS trade limit of 10%.

7.3 Proprietary Day Trading (PDT)

7.3.1 Proprietary Day Trading (PDT) dealers are allowed to enter short selling orders (PDT orders) on PDT eligible securities

7.3.2 PDT securities are securities which are eligible for PDT, i.e. for which PDT orders are allowed.

- 7.3.3 POs must open and use a designated trading account (PDT trading accounts) for PDT orders.
- 7.3.4 The PDT trading accounts can only be used to enter PDT orders. The PDT trading accounts cannot be used for RSS, or Direct Business Transaction (DBT) sell orders. Normal sell orders are allowed to facilitate close off a buy trade.
- 7.3.5 A trading suspension on the RSS Securities will also suspend the PDT securities, thus subsequently suspend the PDT sell orders.
- 7.3.6 Unlike RSS trades, there is no uptick rule requirement for PDT, trades can be conducted at any price.
- 7.3.7 PDT Trade Limit**
Currently there is no Trade Limit set for PDT.

8.1. General

A Circuit Breaker is a mechanism implemented to moderate excessive volatility in the stock market of the Bursa Malaysia Securities Bhd.

A Circuit Breaker is a market-wide approach to managing downward movement of the barometer index. It does this by temporarily halting trading in the entire market during normal trading hours. Announcement on the trading halt will be immediately disseminated to the public.

When the Circuit Breaker is triggered, it is intended that investors should continue to keep themselves updated and informed by continuing to access all possible sources of information available. In this manner, investors will be able to assess and review prevailing conditions based more on information and less on market trends and speculation, in order to make well-considered investment decisions upon resumption of trading.

The Circuit Breaker mechanism as implemented at Bursa Malaysia Securities Bhd is only for monitoring downward movement (not upward) of the FBMKLCI.

8.2 Business Rule 8.33

Trading of any Contract on the Market shall be halted or suspended whenever Bursa Malaysia deems such action appropriate in the interest of maintaining a fair and orderly market to protect investors. Among the factors that may be considered by Bursa Malaysia are that:

- (a) trading in the securities has been halted or suspended;
- (b) the opening of trading in the securities has been delayed because of unusual circumstances; or
- (c) Bursa Malaysia has been advised that the issuer of the securities is about to make an important announcement affecting such issuer.

8.3 Bursa Malaysia Circuit Breaker Trigger Limits

Bursa Malaysia Circuit Breaker Trigger Levels/ Conditions And Trading Halt Duration					
Trigger Level	FBMKLCI Decline	From 9:00 am– before 11:15 am	From 11:15 am to 12:30 pm	From 2:30 pm – before 3:30 pm	From 3:30 pm to 5:00 pm
1	FBMKLCI falls by an aggregate of 10% or more but less than 15% of the previous market day's closing index.	1 Hour	Rest of Trading Session	1 Hour	Rest of Trading Session
2	FBMKLCI falls by an aggregate of or to more than 15% but less than 20% of the previous market day's closing index.	1 Hour	Rest of Trading Session	1 Hour	Rest of Trading Session
3	FBMKLCI falls by an aggregate of or to more than 20% of the previous market day's closing index.	9.00 a.m. - 12.30 p.m.		2.30 p.m. - 5.00 p.m.	
		Rest of Trading Day		Rest of Trading Day	

A fall in the FBMKLCI may or may not be in a sequential manner i.e. down to 1st level, then 2nd level and finally 3rd level. Sometimes the fall may be abrupt and steep right up to the 3rd level.

In the event that the circuit breaker hits the 3rd level, Bursa Malaysia has the discretion to either halt or suspend trading of the securities group.

A trading halt at any of the 3 trigger levels will occur only once during the trading day in Bursa Malaysia Securities market.

8.4. Trading Halts Due to Circuit Breaker Triggered

8.4.1 **Level 1:** If the FBMKLCI at any time during a trading session (as prescribed in Chapter 5 of the Rules of BMSB) reaches Circuit Breaker Level 1 below its closing value on the previous trading day, trading in securities shall immediately halt on the stock market of Bursa Malaysia and shall not resume

for a continuous period of not less than one (1) hour or until the close of the trading session, whichever is the earlier.

8.4.2 **Level 2:** If the FBMKLCI at any time during a trading session reaches Circuit Breaker Level 2 below its closing value on the previous trading day, trading in securities shall immediately halt on the stock market of Bursa Malaysia and shall not resume for a continuous period of not less than one (1) hour or until the close of the trading session, whichever is the earlier.

8.4.3 **Level 3:** If the FBMKLCI at any time during a trading session reaches Circuit Breaker Level 3 below its closing value on the previous trading day, trading in securities shall immediately halt on the stock market of Bursa Malaysia and shall not resume for the remainder of the market day.

8.4.4 Without derogation to any of the foregoing provisions, in the event a halt in trading in respect of Circuit Breaker Level 1 and/or Circuit Breaker Level 2 is effected when there is equal or less than one (1) hour and fifteen (15) minutes to the end of the trading session, trading in securities on the stock market of Bursa Malaysia shall halt for the remainder of the trading session and resume at the start of the following trading session.

8.5 Calculation of Circuit Breaker Trigger

8.5.1 The Circuit Breaker Levels will be calculated by Bursa Malaysia before the beginning of each market day using the prescribed percentages based on the closing value of the FBMKLCI of the previous market day.

8.5.2 Each percentage calculation will be rounded to the nearest integer to create the Circuit Breaker Levels' trigger points and will remain in effect until the next calculation.

8.5.3 These directives shall apply whenever the FBMKLCI reaches the Circuit Breaker Levels' values calculated in accordance with these directives as may be implemented by Bursa Malaysia notwithstanding the fact that there may be

orders being entered into ATS contemporaneously with the calculation of the FBMKLCI, which orders may, if taken into account, impact the FBMKLCI.

8.5.4 These directives shall apply whenever the FBMKLCI reaches the Circuit Breaker Levels' values calculated herein notwithstanding the fact that, at any given time, the calculation of the Circuit Breaker Levels' values may be based on the prices of less than all of the stocks included in the FBMKLCI.

8.6 Trading Status During Circuit Breaker

During Circuit Breaker Trading Halt of Level 1 (more than 10 % but less than 15%) and level 2 (more than 15% but less than 20%), the Trading phase status will be “**HALT**”. During this phase, Limit Orders can be entered, modified or withdrawn. New Market Orders (MOs) will be rejected by the system, however, modification or withdrawal of the existing MOs can be performed. For both types of orders, no matching will take place during this phase.

During Circuit Breaker Trading Halt of Level 3 (equal or more than 20%), the status will be “**SUSPEND**”. During this phase, orders cannot be entered, modified, cancelled and matched.

8.7 Resumption of Trading

The resumption in trading following a halt under BMSB Rules shall be conducted in accordance with such procedures and processes as may be determined by Bursa Malaysia to be necessary or expedient by way of any circulars, directives or guidelines issued by Bursa Malaysia from time to time.

All Limit Orders and Market Orders will be allowed upon the resumption of Trading following a Circuit Breaker Trading Halt.

9.1 Direct Business Transaction

9.1.1 Direct Business Transaction (DBT) encompasses any trades transacted outside Bursa Malaysia's ATS but reported in ATS. Such transactions include:-

- crossing; transaction between two POs,
- married; transaction between two clients within a PO.

9.1.2 The transaction price for DBT report from 8.30 a.m. to 9 a.m. is based on the Previous Volume Weighted Average Price (PVWAP) of the securities whereas the Volume Weighted Average Price (VWAP) of the securities is used for transactions reported after 9 am until 5.15pm. POs can report DBT trades at any price subject to the Rules of Bursa Securities on DBT.

9.1.3 The PVWAP of securities will not be provided by the Exchange, thus, POs must ensure that they have a procedure/system available to provide them with PVWAP should they need to carry out their DBT based on PVWAP.

9.1.4 For securities which fall under the following categories, DBT cannot be performed for the first one (1) hour of the trading session:

1. Securities under New listing
2. Securities under Corporate exercise
3. Securities Re-quoted from Suspension

9.1.5 Upon one hour of the Opening Auction phase, POs can perform the DBT using the VWAP of the first hour of trading. However, if there is no VWAP available (due to no trades), the securities' reference price for the particular session shall be used as the basis for DBT.

9.1.6 Bursa will inform POs via Special Announcement on the securities that fall under the above categories as stipulated in Section 9.1.4 to ensure POs are aware of what price to refer to for their DBT.

- 9.1.7 In entering the DBT trades, the seller of a said transaction must key-in first in the system the DBT information. Once satisfied that the DBT information is in order, the buyer will have to confirm acceptance of the trade to complete the transaction,
- 9.1.8 For DBT of a quantity of less than 50,000 units and at a price which is 15% higher or lower than the effective price (PVWAP/VWAP/Reference Price depending on the situation), POs must obtain approval from Bursa Regulation, three (3) days prior to the said transaction. For DBT of a quantity of more than 50,000 units and at a price which is 15% higher or lower than the effective price, POs must report the said transaction to Bursa Regulation the latest by 12.30 pm of the following trading day. All DBTs within the 15% of the effective price need not be reported to Bursa.
- 9.1.9 Cancellation of the DBT trades is not allowed.
- 9.1.10 To perform client amendment on a DBT trade, the respective PO(s) must cancel the trade and replace the said trade with a new trade. Both parties involved in the DBT must cancel the trade together and replace it with a new one accordingly. POs to note that the trades are allowed to be cancelled for “client amendment purpose” only and all cancelled trades **MUST** be replaced with a new trade. A pure trade cancellation is not allowed.
- 9.1.11 POs may request to SMO for DBT Cancellation if they are not able to cancel due to system problem. All requests must be made using *Request for Cancellation Direct Business Transaction (DBT)* form. The form must be signed by authorised signatory and fax to SMO. *Please refer to Appendix 9 - Request for Cancellation of Direct Business Transaction.*

10.1 General

On-Market Married Transaction (OMMT) is a trade transaction whereby a PO can key-in a buy and sell order to match directly on-market without going through the order book under the following conditions:

- OMMT is available for "married" transactions i.e. matching of trades between the same PO's buying and selling clients and not for "crossings" i.e. matching between 2 different POs;
- The PO can act on behalf of a client on one side of the trade and as principal (i.e. trading for themselves) on the other;
- The transaction has to be within the same branch of the PO;
- The bid and ask orders must be of the same price and same quantity;
- The price for OMMT is:
 - (i) at or within the best buy and best sell limit prices at the time of execution.
 - (ii) if there is no best buy price, at or within the Lower Limit Price and the best sell price in the ATS at the time of execution;
 - (iii) if there is no best sell price, at or within the best buy price in the ATS at the time of execution and the Upper Limit Price; or
 - (iv) if there is no best buy price and no best sell price, at or within the Lower Limit Price and the Upper Limit Price.
- If an OMMT is executed during the TAL phase, a PO must effect the OMMT at the closing price.

10.2 OMMT Features

10.2.1 OMMT orders are only to be allowed during Main Trading Phase and Trading At Last phases only.

- 10.2.2 During Main Trading Phase, only limit order types are allowed. Order price must be at or within the best buy and best sell limit prices.
- 10.2.3 OMMT is provided for normal market only and is not available for odd lot and buying-in markets.
- 10.2.4 OMMT executed trades will impact the Last Done prices of the normal market.
- 10.2.5 If there is no buy order, the lower limit is the lower threshold and if there is no sell order, the upper limit is the upper threshold.
- 10.2.6 No Regulated Short Selling (RSS) and Proprietary Day Trading (PDT) are allowed.
- 10.2.7 Total quantity of single order OMMT must range between the minimum quantity and the maximum quantity defined by the system (e.g. minimum of 1 lot maximum of 5000 lots per order entry). The default board lot is 1 board lot i.e. 100 shares.
- 10.2.8 The OMMT transactions between different buyer and seller client account from different dealer/remisiers can only be accepted if both dealer/remisiers are associated. For example, a dealer of a PO is able to key in for another dealer's clients of the same PO only if they have already been associated by the PO Order Management System's Administrator.

10.3 OMMT Trade Information

- 10.3.1 Once an OMMT is effected, the quantity of the OMMT will be included as part of Normal volume computation.
- 10.3.2 OMMT transaction will impact the Last Done Prices of the Normal Market.

10.3.3 The OMMT trades will not be included in the calculation of VWAP.

10.4 OMMT Order Administration

10.4.1 PO is authorized to allow selected dealers/remisiers to have access for OMMT order entry function.

10.4.2 OMMT is allowed for DMA, internet trading and algorithm trading.

10.4.3 The rule for the client amendment would be the same rule as that for the normal buy and sell transaction. The OMMT trades can subsequently be amended individually to a different client account.

10.4.4 The credit limit check and earmark on the OMMT order will also follow the same rule as that of the normal buy and sell transaction.

11.1 Order Cancellation

11.1.1 In an occasion whereby a PO needs to cancel an order but their OMS is down, the said PO can submit a request to SMO of Bursa to cancel the said order.

11.1.2 All requests must be made using *Order Cancellation Request form* and faxed and confirmed by the PO's authorised signatory. Please refer to *Appendix 10* for the sample form.

11.1.3 A PO under an emergency will be given only an option to do a '**Cancel all orders**' or '**Cancel orders by instrument**'. The Exchange will carry out this function as soon as possible upon receiving the instruction from the PO. An order which is not matched will be cancelled by Bursa. For orders which are partially matched, POs must accept the trade as good. The order cancellation will clear all outstanding orders in the PO's order book.

11.1.4 Procedures to Request for Order Cancellation

Similar to the requests for manual buying-in and DBTs, only the POs' authorised signatory are allowed to request for orders cancellation.

Responsibility	Action
POs	<ol style="list-style-type: none"> 1. Send duly authorised <i>Request to Cancel Orders</i> form by fax. 2. The authorised signatory to contact SMO via phone to confirm the request has been received by SMO.
SMO personnel	<ol style="list-style-type: none"> 3. When POs call, verify the particulars in the request form. 4. Perform cancellation in the system.

11.2 Trade cancellation

11.2.1 There are three types of trade cancellation allowed by the Exchange:

- Trade Cancellation Arising from System Malfunction or Procedural Error
- Trade Cancellation Arising from Mutual Cancellation
- Trade Cancellation Arising from Participants' Error

11.2.2 Trade Cancellation Arising from System Malfunction or Procedural Error

1. This section outlines the policies and procedures to be undertaken in event of system malfunction or procedural error resulting in erroneous trades warranting cancellation.
2. Exchange will immediately send an alert to the market via a Special Announcement, informing of the event and the possibility that specified trade(s) may be erroneous.
3. In the event that the error trade is confirmed, the Exchange will broadcast another Special Announcement to the market informing them of the affected trades to be cancelled.
4. In addition to the Special Announcement, the designated personnel at the affected POs will be informed immediately with full details of the trade affected.
5. Similarly, if the event does not warrant any cancellation of trades, the Exchange will send a Special Announcement informing them of the decision.
6. If the event warrants immediate interruption of trading to ensure a fair and orderly market, the Exchange will immediately interrupt the entire

market (or a specified stock or group of stocks) and inform all dealers through Special Announcement alerting them as follows:

“TRADE ERROR - Trading is interrupted due to error trades detected. The Exchange will inform market of the error trades to be cancelled and the resumption of the market (or a specified stock or group of stocks) once it is finalised. Thank you.”

7. During the interrupted phase, no trades will be executed. The interruption phase is to give traders the necessary time to contact their clients and to make modification to their orders, if necessary. This is also to enable the Exchange to determine the trades to be cancelled arising from the event.
8. The Exchange will inform the market through Special Announcement, at half an hour interval, on the status until full resumption of the entire market (or a specified stock or group of stocks).
9. Before resumption of market, the Exchange will disseminate to the market via, details of the trade to be cancelled e.g.

“TRADES TO BE CANCELLED – The following securities traded from 15:24:50 to 15:24:52 will be cancelled by the Exchange.”

10. All designated personnel at the affected POs will be informed immediately with full details of the trades affected. From the time such information is disseminated, there will be at least 20 minutes before trading resumes with the pre-opening phase.
11. Bursa will ensure that sufficient notice will be given to the market on resumption. The market will be alerted via Special Announcement at least 10 minutes before resumption. For example: *“Market will resume at 3.30 pm with a pre-opening phase for 10 minutes, to be followed by*

subsequent trading phases till the market closes for the trading at last.”

12. Upon resumption, the entire market (or a specified stock or group of stocks) will open with a pre-opening phase and continue with the rest of the trading phases until market ends with the trading at last phase.
13. Depending on the circumstances of the case, the pre-opening will be set at least for 10 minutes to allow the dealers to modify their orders accordingly.

For example, on resumption the system will be set as follows:

Trading Phase	Time
Pre-opening phase	11.00 am to 11.30 noon (30 minutes)
Opening Auction phase	11.30 am
Main Trading Phase	11.30 am to 12.30 pm (1 hour)

14. Bursa will ensure that on resumption, the entire market will be able to resume trading for at least half an hour, otherwise it will resume on the next trading session.
15. Bursa reserves the right to extend its trading hour to accommodate the resumption of trading if it is necessary to do so to ensure a fair and orderly market.

11.2.3 Trade Cancellation Arising from Mutual Cancellation

1. This section outlines the policies and procedures for mutual cancellation of trades between Participating Organisations (POs) due to:
 - Error in price (within “non busting range”);
 - Error in quantity;
 - Wrong securities traded.
2. All trade cancellations are subject to final approval of the Exchange.
3. A levy of RM1,000 will be imposed on the requesting PO for any one approved cancellation.
4. All trade cancellations shall be effected only by the designated personnel at the PO.
5. The procedures at the PO’s end are as below:
 - (i) **Requesting PO**
 - The designated personnel of the requesting PO is to notify the Securities Market Operations (SMO) staff by phone on an intended mutual cancellation of trade(s).
 - The authorised signatory must then complete the *Mutual Cancellation - Error Trade Cancellation Request Form* and fax it immediately to the Head of SMO. Please refer to *Appendix 11* for as sample form.

(ii) **Responding PO**

- The designated personnel of the responding PO is to notify the SMO staff by phone, upon agreement with the requesting PO on a mutual cancellation.

 - This must be followed immediately by the duly completed *Mutual Cancellation - Error Trade Cancellation Request Form* which has to be faxed to the Head of SMO.
6. Upon receipt of the forms from both the requesting and responding POs, SMO will:
- Issue a Special Announcement alerting the market of the request for cancellation of a specified trade;

 - Decide on whether to allow the cancellation either partially or fully based on the details given in the form;

 - Inform the authorised personnel of the requesting and responding POs and the market of the final decision.

11.2.4 Trade Cancellation Arising from Participants' Error

1. This policy covers price errors due to keying-in by participants which causes a trade to be executed at erroneous price substantially inconsistent with the prevailing market price during the Main Trading Phase.
2. The opening price and closing price as determined during the Opening Auction and Closing Auction will be firm and no cancellation will be allowed.
3. The price error established by the Exchange covers two areas during the Main Trading Phase.
 - A range of prices above and below the prevailing price within which erroneous trades will not be cancelled. This range is known as the “No Cancellation Range” (NCR).
 - A range of prices above and below the prevailing price within which erroneous trades will be subjected to cancellation on the request by the participants within 15 minutes of the trade execution. This range is known as the “Qualifying Cancellation Range” (QCR).
4. The benefit of establishing and identifying such ranges in advance will provide market participants with certainty as to the price traded and provide consistency of treatment by the Exchange in handling erroneous trades.

5. The prevailing price is defined as:
 - Last Done Price (Last Traded Price) prior to the execution of the erroneous trade on the current trading session.
 - Best Buy Price or Best Sell Price offered prior to the execution of the erroneous trade on the current trading session.
 - Exchange reserves the right to determine the prevailing price in the event if there is no last done price or best buy and sell price on the current trading session.

6. The following are the specified ranges identified to determine the NCR and the QCR based on the prevailing price immediately before the erroneous transaction of the securities:

PRICE OF SECURITIES	NCR (Lower Limit)	NCR (Upper Limit)	QCR (Lower Limit)	QCR (Upper Limit)
Below RM0.50	Within 7.5 sen from the prevailing market price	Within 7.5 sen from the prevailing market price	Below 7.5 sen from the prevailing market price	Above 7.5 sen from the prevailing market price
RM0.50 to RM1.00	Within 15.0 sen from the prevailing market price	Within 15.0 sen from the prevailing market price	Below 15.0 sen from the prevailing market price	Above 15.0 sen from the prevailing market price
Above RM1.00	Within 15% from the prevailing market price	Within 15% from the prevailing market price	Below 15% from the prevailing market price	Above 15% from the prevailing market price

- The prices executed under the NCR as specified above shall not be considered for cancellation.

-
- The prices executed under the QCR as specified above will only be cancelled at the request of dealer through designated personnel of the requesting PO provided that the request for cancellation is received by the Exchange within 15 minutes of the error trade execution. The Exchange will not automatically cancel a trade executed below or above the QCR as there is a possibility that the price transacted is done between a willing buyer and seller in particular for illiquid securities.
7. This policy is not applicable for Odd Lot Market and also for Direct Business Transaction.
 8. The Exchange will grant a request for the trade to be cancelled only if a minimum trading loss of RM10, 000.00 is incurred. This is based on the difference between the value of the trade based on prevailing price against the value of the trade in error.
 9. Notwithstanding any of the provisions to this rule, the Exchange maintains the right to take any action for the purpose of maintaining an orderly and fair stock market in consistent with Rule 2.01(2)(r) of the Bursa Securities Rules.
 10. The following are the trade cancellation procedures:
 - (i) **Policies**
 - All trade cancellations are subject to final approval of the Exchange. A levy of RM1, 000 will be imposed on the requesting PO for any one approved cancellation.
 - Trade cancellation request shall be effected only by the designated personnel at the POs
 - (ii) **Requesting PO**
 - The designated personnel of the requesting PO are to notify the Securities Market Operations (SMO), Bursa

Malaysia Bhd staff by phone within 15 minutes of the error trade execution. Depending on the circumstances of the case the Exchange may use its discretion to extend the 15 minutes duration.

- He/She must then complete the *Participant Error - Error Trade Cancellation Request Form (Appendix 12)* and fax it immediately to the Head of Securities Market Operations.

(iii) Securities Market Operations

Upon receipt of the *Participant Error - Error Trade Cancellation Request Form* from the requesting PO, the Exchange:-

- Issue a Special Announcement alerting the market of the request for cancellation of a specified trade;
- Decide on whether to allow the cancellation either partially or fully based on the details given in the *Participant Error - Error Trade Cancellation Request Form*;
- Inform the designated personnel of the requesting PO and the market on the final decision.

11. The Exchange will only entertain trade cancellation request from the PO's designated personnel. In order to facilitate order cancellation, PO may nominate up to 5 designated personnel for this purpose. Those POs who need to nominate more than 5 designated personnel may write to the Securities Market Operations for consideration.

- Since trade cancellation request needs to be acted within 15

minutes, there should be several designated personnel being nominated so that in the absence of any one of them, the others can act for the POs;

- In respect to those POs with many branches, they can nominate more than 5 designated personnel;
 - PO must inform the Exchange in writing immediately on the removal or addition of designated personnel.
12. Once the erroneous trades have been identified and approved for cancellation, the trades will be removed from the trading and clearing system.
13. Apart from the fine, Exchange reserves the right to take whatever appropriate action against the party to the erroneous trade.
14. All cancellation of the price error trades must be duly approved by the following Authorized Personnel from the Exchanges Operations prior to execution:
- Executive Vice President, Exchanges Operations
 - Chief Market Operations Officer
15. POs are required to submit controls or measures that will prevent future recurrence of erroneous trade within 2 weeks from the date of trade cancellations to Securities Market Operations.
16. Onward Sales of the Erroneous Trade
- In the event that a dealer who immediately disposed off the trade to benefit from the error, the Exchange reserves its right to take other remedies to rectify the situation. This may include but not limited to, claiming the difference of the purchase price in error and the price disposed off by the party benefiting from

the erroneous trade and returning the difference to the dealer who executed the error trade.

- Once a decision is made to claim the difference, the Exchange will inform the clearing house to make the necessary adjustment for payment.

11.2.5 Appeals

Where a PO is not satisfied with the trade cancellation, the PO may apply to the Exchange for a review of the cancelled contract on the same market day.

The appeal with relevant supporting documents and/or particulars should be submitted to the Exchange's Customer Care & Complaints Bureau (CCCB). Submission by fax must be followed with the original hard copy of the appeal by the next business day.

All appeals must be provided with clear justification and the action that the PO is seeking from the Exchange. The action sought must not include a revocation of the cancelled contract as the cancellation is irrevocable pursuant to Rule 601.2(2)(c).

12.1 Trade Suspension

- 12.1.1 The Exchange may suspend a securities group or a few securities groups or the entire market in the event of an emergency situation that is likely to severely and adversely affect the operation of the Exchange and/or POs which threatens the market from operating in a fair and orderly manner.
- 12.1.2 Such emergencies include but not limited to fire, computer malfunctions, system errors/program bugs, technical glitches or other hazard, power failure, communication or similar disruptive events affecting Bursa and/or the POs.
- 12.1.3 Disastrous incidents like the 11 September 2001 aerial attack on the World Trade Centre in New York resulted in the suspension of the Securities and Derivatives market in Bursa Malaysia Bhd.

1. Enter Limit Order - Partially Executed

INITIAL ORDER BOOKS:

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
001	LMT	7.0	20	003	LMT	7.1	5
002	LMT	6.5	10	004	LMT	7.2	10
				005	LMT	7.5	5

TRANSACTION ENTERED: Buy Limit Order #006 for price 7.20 and size 20

EXECUTED: Order #006 is executed with #003 at price 7.10, size 5
 Order #006 is executed with #004 at price 7.20, size 10

NOTE: Orders in the book match at the price limit. The incoming order will only match up to the price limit specified.

REMAINING ORDER BOOKS:

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
006	LIM	7.2	5	005	LIM	7.5	5
001	LIM	7.0	20				
002	LIM	6.5	10				

2. Enter Limit Order - Fully Executed

INITIAL ORDER BOOKS:

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
001	LMT	6.5	20	003	LMT	9.0	5
002	LMT	6.0	10	004	LMT	9.5	10

TRANSACTION ENTERED: Sell Limit Order #005 for price 6.00 and size 30

EXECUTED: Order #005 is executed with #001 at price 6.50, size 20
 Order #005 is executed with #002 at price 6.00, size 10

REMAINING ORDER BOOKS:

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
				003	LMT	9.0	5
				004	LMT	9.5	10

1. Market Order Matching during Main Trading Phase

1.1 Main Trading Phase

Last Done Price = 5.25

INITIAL ORDER BOOKS:

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
001	LMT	5.20	32				
002	LMT	5.15	19				

TRANSACTION ENTERED: Sell Market Order # 003 size 70

EXECUTED: Order #003 is executed with #001 at price 5.20, size 32
 Order #003 is executed with #002 at price 5.15, size 19

The balance 19 lots of the market order will be converted into Limit Order with a price of RM5.15 by the system.

REMAINING ORDER BOOKS:

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
				003	LMT	5.15	19

Note: The Market Order takes priority over all other order types.

1. **Rule 1 - Maximize the number of quantity traded**

1.1 **Case 1**

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
100	LMT	100	10	102	LMT	80	20
101	LMT	90	50	103	LMT	90	30

Theoretical Opening Price	Qty (Bid)	Qty (Sell)	Traded Qty	Unfilled Qty
100	10	50	10	40
90	60	50	50	10
80	60	20	20	40

The TOP is the price that maximizes the number of quantity to be traded = 90

1.2 **Case 2**

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
100	LMT	100	50	103	LMT	80	50
101	LMT	90	50	104	LMT	90	50
102	LMT	80	50	105	LMT	100	50

Theoretical Opening Price	Qty (Bid)	Qty (Sell)	Traded Qty	Unfilled Qty
100	50	150	50	100
90	100	100	100	0
80	150	50	50	100

The TOP is the price that maximizes the number of quantity to be traded = 90

2. **Rule 2 - Minimize the number of quantity unfilled**

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
100	LMT	100	50	103	LMT	80	50
101	LMT	90	10	104	LMT	100	40
102	LMT	80	20				

Theoretical Opening Price	Qty (Bid)	Qty (Sell)	Traded Qty	Unfilled Qty
100	50	90	50	40
90	60	50	50	10
80	80	50	50	30

The TOP is the price that minimizes the number of quantity unfilled = 90

3. Several prices are used to minimize the number of unfilled quantity

3.1 Case 1 (Rule 3i)

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
100	LMT	100	40	102	LMT	80	40
101	LMT	90	10	103	LMT	100	20

Theoretical Opening Price	Qty (Bid)	Qty (Sell)	Traded Qty	Unfilled Qty	Side	Rule
100	40	60	40	20		
90	50	40	40	10	B	R1, R2,R3
80	50	40	40	10	B	

Prices 80 and 90 comply with Rule 2. At these two prices, the imbalance is on the buy side; the highest price is taken = 90

3.2 Case 2 (Rule 3ii)

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
100	LMT	90	50	102	LMT	70	50
101	LMT	70	50	103	LMT	80	10

Theoretical Opening Price	Qty (Bid)	Qty (Sell)	Traded Qty	Unfilled Qty	Side	Rule
90	50	60	50	10	S	
80	50	60	50	10	S	R1, R2,R4
70	100	50	50	50		

Prices 80 and 90 comply with Rule 2. At these two prices, the imbalance is on the sell side; the lowest price is taken = 80

4. **Rule 4 - TOP price is closest to the reference price**

BUY ORDER BOOK				SELL ORDER BOOK			
#	Type	Price	Qty	#	Type	Price	Qty
100	LMT	100	20	102	LMT	70	20
101	LMT	80	10	103	LMT	90	10

Theoretical Price	Qty (Bid)	Qty (Sell)	Traded Qty	Unfilled Qty	Side
100	20	30	20	10	S
90	20	30	20	10	S
80	30	20	20	10	B
70	30	20	20	10	B

The TOP prices lies between the highest price showing an imbalance on the buy side i.e. price = 80; and the lowest price showing an imbalance on the sell side i.e. 90

The TOP used is the nearest value to the reference price i.e. settlement price, in between the price range of 80 and 90.

**DYNAMIC PRICE THRESHOLD UPLIFTMENT REQUEST
ON <DATE>**

I, _____ (DTM's name) from _____ (PO's Name),
Broker Code: _____ would like to request for the upliftment of Dynamic Price
Threshold mechanism for the following securities:

STOCK CODE	STOCK NAME	LAST DONE PRICE	PRICE TO MATCH	QTY TO MATCH

AUTHORISED BY: _____
(DESIGNATED TRADING MANAGER)

CONTACT NO.: _____

* *All requests must be submitted using the PO's Letterhead.*

** *Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777.*

Last Done Price	Dynamic Limit 8%		Static Limit 30%	
	High	Low	High	Low
RM8.00	RM8.64	RM7.36	RM10.40	RM5.60

Reference Price = RM8.00, Last Done Price = RM8.00

Scoreboard after Matching:

Type	With Dynamic Limit	Without Dynamic Limit
Quantity Matched	85,000 shares	92,000 shares
Quantity Expired	15,000 shares	NIL
Last Done Price	RM 7.80 *	RM 6.50

*At RM7.80, the dynamic limit will be revised to High/Low of RM 8.42 and RM 7.17 (± 8% from LDP), respectively.

Order Book:

Buy Qty (units)	Buy Price	Sell Price	Sell Qty (units)
10,000 (1)	8.00	6.00	100,000 (10)
10,000 (2)	7.99		
10,000 (3)	7.98		
50,000 (4)	7.97		
5,000 (5)	7.80		
5,000 (6)	7.20		Continue to remain in the order book
1,000 (7)	7.10		
1,000 (8)	6.50		
5,000 (9)	5.90		

Selling order 100,000 @ 6.00 will match with the buying order sequence no 1 to 5 at the various prices and quantity.

The trading engine will purge the balance Sell order of 15,000 after the last match of 5,000 units at RM7.80.

Securities States	Description
Authorized/ Open/Active	Order entry, modification, and cancellation are allowed for the securities.
Suspended	Order entry, modification, and cancellation are not permitted for the securities. Bursa Malaysia can manually suspend a securities because of corporate actions or other corporate news on the securities.
Halt	Order entry, modification, and cancellation are allowed for the securities, however, no matching will take place.

NORMAL AND ODD LOT MARKETS: TRADING HALT

NO.	TIME OF RELEASE OF MATERIAL ANNOUNCEMENT	TRADING HALT PERIOD	ORDER STATUS	FEATURES
1.	Before the commencement of trading at 9:00am	9:00am to 10:00am	Halt	<ul style="list-style-type: none"> • Order entry and modification will be allowed • Theoretical Opening Price (TOP) will be calculated.
2.	9:00am until 11:00am	1 hour from the time of trading halt	Halt	<ul style="list-style-type: none"> • Order entry and modification will be allowed • TOP will be calculated.
3.	11:01am and before 12:30pm	From the time of trading halt until 12:30pm	Halt	<ul style="list-style-type: none"> • Order entry will be forbidden • TOP will not be calculated during the trading halt
4.	12:30 pm to 1:30 pm	NO HALT	N/A	<ul style="list-style-type: none"> • Release of announcements during this period will NOT impact trading.
5.	1:31pm until 2:30pm	2:30pm to 3:30pm	Halt	<ul style="list-style-type: none"> • Order entry and modification will be allowed • TOP will be calculated from 2:00 pm to 2:30 pm.

NORMAL AND ODD LOT MARKETS: TRADING HALT (CONT'D)

NO.	TIME OF RELEASE OF MATERIAL ANNOUNCEMENT	TRADING HALT PERIOD	ORDER STATUS	FEATURES
6.	2:31pm until 3:30pm	1 hour from the time of trading halt	Halt	<ul style="list-style-type: none"> • Order entry and modification will be allowed • TOP will be calculated.
7.	3:31pm and before 5:00pm	From the time of trading halt until 5:00pm	Halt	<ul style="list-style-type: none"> • Order entry will be forbidden • TOP will not be calculated during the trading halt

NORMAL AND ODD LOT MARKETS: TRADING SUSPENSION

NO.	TIME OF RELEASE OF MATERIAL ANNOUNCEMENT	TRADING HALT PERIOD	ORDER STATUS	FEATURES
1.	Anytime before, during or after trading	Prolonged suspension	Forbid	<ul style="list-style-type: none"> • Order entry will be forbidden • TOP will not be calculated during the trading halt

TRADING HALT: COMMENCEMENT OF DBTs

NO.	TIME OF RELEASE OF MATERIAL ANNOUNCEMENT	TRADING HALT PERIOD FOR NORMAL AND ODD LOT MARKET	WHEN DIRECT BUSINESS TRANSACTIONS CAN BE REPORTED UNDER RULE 10.06	VWAP TO BE USED TO DISCHARGE THE OBLIGATIONS UNDER RULE 10.10(4)
1.	Before the commencement of trading at 9.00am	9.00am to 10.00am	After 11.00am	VWAP of On-Market Trading (“OMT”) session from 10.00am to 11.00am
2.	9.00am until 10.30am	1 hour from the time of trading halt	1 hour after OMT session commences	VWAP of 1 hour OMT session
3.	10.31am until 11.00am	1 hour from the time of trading halt	} After 3.30pm	} VWAP of OMT session from 2.30pm to 3.30pm
4.	11:01am and before 12.30 pm	From the time of trading halt until 12.30 pm		
5.	12.30pm until 1.30pm	No trading halt will be imposed for normal /odd lot markets, but DBT will be forbidden		
6.	1.31pm until 2.30pm	2.30pm to 3.30pm	After 4.30pm	VWAP of OMT session from 3.30pm to 4.30pm

TRADING HALT: COMMENCEMENT OF DBTs (CONT'D)

NO.	TIME OF RELEASE OF MATERIAL ANNOUNCEMENT	TRADING HALT PERIOD FOR NORMAL AND ODD LOT MARKET	WHEN DIRECT BUSINESS TRANSACTIONS CAN BE REPORTED UNDER RULE 10.06	VWAP TO BE USED TO DISCHARGE THE OBLIGATIONS UNDER RULE 10.10(4)
7.	2:31pm until 3.00pm	1 hour from the time of trading halt	1 hour after OMT session commences	VWAP 1 hour OMT session
8.	3.01pm until 3.30pm	1 hour from the time of trading halt	} Next market day 1 hour after OMT session commences	} Next market day VWAP of OMT session from 9.00am to 10.00am
9.	3.31pm and before 5.00pm	From the time of trading halt until 5.00pm		

REQUEST FOR CANCELLATION OF DIRECT BUSINESS TRANSACTION

Stock Code:

VWAP Price:

Transaction price per unit:

Transaction date:

Buying broker	Dealer ID*	Dealer Code	Buying Client	Client ID*	CDS Account Number	Quantity of securities (units)	Selling Broker	Dealer ID*	Dealer Code	Selling Client	Client ID*	CDS Account Number	Quantity of securities (units)
					Total Buying							Total Selling	

Prepared By : (Authorised Signatory)

Date :

Reason for the transaction:-

* All requests must be submitted using the PO's Letterhead.
 ** Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777.

ORDER CANCELLATION REQUEST
ON <DATE>

I, _____ PO's Name & Branch _____, Broker Code: _____ hereby authorized Bursa Malaysia to cancel the following:

All unmatched orders in the order book

All orders for the following stock:

Stock name: _____

Stock code: _____

Attached is the list of orders for your reference.

AUTHORISED BY: _____
(AUTHORISED SIGNATURE)

NAME OF CONTACT PERSON: _____
(AUTHORISED PERSON)
<DESIGNATION>

CONTACT NO.: _____

* *All requests must be submitted using the PO's Letterhead.*

** *Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777.*

MUTUAL CANCELLATION - ERROR TRADE CANCELLATION REQUEST

REQUESTING PO :

DATE REQUEST:

BROKER CODE :

Please be advised that we would like to cancel our trade done on << date >>. Details of the said request are as follows:

STOCK NAME	STOCK CODE	QUANTITY	TRS NO.	REASON FOR CANCELLATION

REQUESTED BY : _____
(AUTHORISED SIGNATORY)

NAME : _____
(DESIGNATION)

CONTACT NO. : _____

- * All requests must be submitted using the PO's Letterhead.
- ** Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777.

MUTUAL CANCELLATION - ERROR TRADE CANCELLATION REQUEST

RESPONDING PO :

DATE REQUEST:

BROKER CODE :

Please be advised that we would like to cancel our trade done on << date >>. Details of the said request are as follows:

STOCK NAME	STOCK CODE	QUANTITY	TRS NO.	REASON FOR CANCELLATION

REQUESTED BY : _____
(AUTHORISED SIGNATORY)

NAME : _____
(DESIGNATION)

CONTACT NO. : _____

- * All requests must be submitted using the PO's Letterhead.
- ** Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777.

PARTICIPANT ERROR - ERROR TRADE CANCELLATION REQUEST

REQUESTER :

DATE REQUEST:

BROKER CODE :

Please be advised that we would like to cancel our trade done on << date >>. Details of the said request are as follows:

STOCK CODE	STOCK NAME	ORDER ENTRY TIME	MATCHED TIME	TRS NO.	QUANTITY	PRICE	REMARKS

Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777

Reason for cancellation: _____

PART A (To be filled up by PO)

REQUESTED BY : _____
 (AUTHORISED SIGNATORY)

NAME : _____ CONTACT NO. : _____
 (DESIGNATION)

* All requests must be submitted using the PO's Letterhead.
 ** Please fax the form to 03-2732 6163 and call SMO at 03-2034 7777.

