ACA6674

### DAY-OF-THE-WEEK EFFECT OF SECOND BOARD STOCKS

#### ON THE KUALA LUMPUR STOCK EXCHANGE

# CLOSED STACKS

BY

HO PENG CHOONG Bachelor of Science (Electrical Engineering) Southern Illinios University at Carbondale Illinios, United States of America 1983



Submitted to the Faculty of Economics & Administration University of Malaya in partial fulfillment of the requirement for the Degree of MASTER OF BUSINESS ADMINISTRATION March, 1996

> HAMSIAH BT. MOHAMAD ZAHARI UNIT REPROGRAFI PERPUSTAKAAN UTAMA UNIVERSITI MALAYA

06.07.2000

14750

#### ABSTRACT

The KLSE Second Board is in its seventh year of operation since it was first launched in November 1988, and has since grown from strength to strength with 160 companies listed on it to date and total market capitalisation of RM22,700 million.

The purpose of this paper is to explore the existence of day-of-the-week effect of the Second Board stocks which, due to the listing requirements, are smaller in size and may be more vulnerable to seasonality. The study will investigate the pattern of seasonality, if it exists and make some inferences about the impact on the Second Board market efficiency.

#### ACKNOWLEDGEMENTS

I wish to express my sincere appreciation to my supervisor, Prof. Dr. Kok Kim Lian, for his assistance in acquiring the data for the study, his invaluable time, guidance and helpful advice which enable me to successfully complete this study.

My special thanks to my colleagues and friends at Tenaga Nasional Berhad especially to Mohd. Salleh Serwan, who in one way or another also contributed to the successful completion of this study.

Last but not least, to the most special lady, my wife, Irene Loke Fook Hing, whose patience, encouragement and moral support gave me the inspiration to successfully complete this study.

# TABLE OF CONTENTS

## Chapter

#### Page

1.	IN	NTRODUCTION	1
	1.1	Seasonality in Stock Returns	1
	1.2	Implication on the Efficient Market Hypothesis	
	1.3		4
	1.4	Objective of Study	9
	1.5	Organisation of Study	
	1.0		-
2.	T	HE KUALA LUMPUR STOCK EXCHANGE	1
	2.1	Historical Development	1
	2.2	Types of Securities	1
	2.3	Size of the Market	
	2.4	Regulatory Developments	
	2.5	KLSE Reforms and Developments	
	2.6	KLSE Second Board	
	2.7	Listing Requirements for KLSE	
	2.	7.1 Main Board	
		7.2 Second Board	
3.	D	ATA AND METHODOLOGY 18	3
	3.1	Data	3
	3.	1.1 Selection of Data	3
	3.	1.2 Source of Data	•
	3.2	Research Model of Stock Returns	
	3.3	Statistical Test	
	3.	3.1 Parametric Tests	
		Oneway ANOVA	
		Bartlett's Test	
		Tukey Test	
	3.:	3.2 Non-Parametric Tests	

<b>4</b> . <b>H</b>	CMPIRICAL RESULTS AND DISCUSSION 27		
4.1	Analysis of Data		
4.2	Daily Mean Return Distribution		
4.3	Cross Country Comparison		
4.4	Results of Oneway ANOVA		
4.5	Results of t-Test		
4.6	Results of Kruskal-Wallis Test		
5. S	UMMARY AND CONCLUSION		
5.1	Restatement of Objective of Study		
5.2	Conclusion Reached on the Existence of Day of the Week Seasonality 38		
5.3	Conclusion Reached on the Pattern of the Seasonality		
5.4	Possible Explanations of Day-of-the-Week Effect		
	Settlement Effect		
	Information Effect		
	Trading Pattern of Individual and Institutional Investors		
	Measurement Errors		
5.5	Implication of Study Findings		
BIBLIOG	<b>RAPHY</b>		
APPENDICES			

## LIST OF APPENDICES

Appendiz	K
----------	---

## Page

1	Second Board Companies Selected for the Study and Their Market Capitalisation
2	Capital Changes and Dividend Payout of the 31 Selected Second Board Companies

#### LIST OF TABLES

#### able

#### Page

4.1	Summary Statistics of Mean Returns of 31 Second Board Stocks by Day-of-the-Week
4.2	Summary Statistics of Mean Returns of Second Board Index and Composite Index by Day-of-the-Week
4.3	Average Returns on Some Countries' Common Stock Indices by Day-of-the-Week
4.4	Results of Oneway ANOVA and Tukey Test for Day-of-the-Week Effect of 31 Second Board Stocks and 2 Indices
4.5	Result of Kruskal-Wallis and Bartlett's Tests for Day-of-the-Week Effect of 31 Second Board Stocks and 2 Indices