

THE ANNOUNCEMENT EFFECTS OF INSIDER TRADING

by

AHMAD FAWWAZ BIN MOHD NASARUDIN 800728

A Dissertation Submitted in Partial Fulfillment of the Requirements for the Degree of

Master of Science in Finance at the Graduate School of Management,

Universiti Utara Malaysia

DECLARATION

I hereby declare that the project paper is based on my original work except for

quotations and citations that have been duly acknowledge. I also declare it has not

been previously or concurrently submitted for any other Master's programme at

Universiti Utara Malaysia or other institutions.

AHMAD FAWWAZ BIN MOHD NASARUDIN

Date: 1 NOVEMBER 2009

PERMISSION TO USE

In presenting this dissertation as a partial fulfillment of the requirements for a

postgraduate degree from Universiti Utara Malaysia, I agree that the university's

library may take it freely available for inspection. I further agree that permission for

copying of this dissertation in any manner, in whole or in part, for scholarly purposes

may be granted by my supervisor or in other absence by the Dean, Postgraduate

Studies, and College of Business. It is understood that any copying or publication or

use of this dissertation or parts thereof for financial gain shall not be allowed without

my written permission. It is also understood that due to recognition shall be given to

me and to Universiti Utara Malaysia for any scholarly use which may be made of any

material from my dissertation.

Request for permission to copy or to make other use of materials in this dissertation,

in whole or in parts should be addressed to:

Dean, Postgraduate Studies

College of Business

Universiti Utara Malaysia

O6100 Sintok

Kedah Darul Aman

ABSTRACT

This paper examines the insider trading activity in Malaysia. It tries to examine the

existence of the abnormal profit from this activity. While developed countries like

United States and United Kingdom recently reported that the activity can no longer

gives abnormal profit for long period due to laws imposed in those countries, attention

now turns to emerging market like Malaysia. By using event study analysis, 200 cases

of insider trading activity reported between January 2008 and March 2009 were

closely examine and the result shows that while abnormal return do exist, it is mostly

not significant. This paper also looks at the individuals and institutional insider and

their performances respectively.

Keyword: Insider trading; Event study

ACKNOWLEDGEMENT

In the name of Allah, the most Gracious and the most Merciful. All my praises and gratitude

to Allah, for His kindness and for meeting me with many wonderful people who, with His

Grace, have had helped me tremendously in the successful completion of this research.

This research would not have been possible without the constructive comments, suggestion

and encouragement received from my supervisor who has read the various draft. My special

thanks and appreciation to my dedicated advisor, Dr. Kamarun Nisham Taufil Mohd for the

advices, guidelines, criticism and suggestions.

I would also like to thank my parents, who have been a continuous source of inspiration and

encouragement. Thanks for giving a great support throughout the duration of my studies and

unceasing prayers for my success.

In addition, thanks to all my friends that helped, support and provided insight and useful

ideas, constructive comments, criticism and suggestion throughout the duration of completing

this research.

Thank you.

TABLE OF CONTENTS

DECLARA	TION	
PERMISSI	ON TO USE	
ABSTRACT		
ACKNOWLEDGEMENT		
TABLE OF CONTENTS		
LIST OF TABLES		
LIST OF FIGURES		
LIST OF ABBREVIATIONS		
СНАРТЕ	2 1: BACKGROUND OF STUDY	
1.1	Introduction	1
1.2	Problem Statement	2
1.3	Research Objective	3
1.4	Significance of the Study	3
1.5	Conclusion	4
CHAPTER	2:LITERATURE REVIEW	
2.1	Introduction	5
2.2	Literature Review	5
	2.2.1 Insider Trading	7
	2.2.2 Regulations of Insider Trading	10
	2.2.3 Abnormal Returns	15
2.3	Conclusion	17

CHAPTER 3: RESEARCH METHOD

	3.1	Introduction	18		
	3.2	Data Collection	18		
	3.3	Methodology	20		
		3.3.1 Market model	21		
		3.3.2 Market Adjusted ReturnModel	23		
		3.3.3 Test for individuals and institutions	25		
	3.4	Conclusion	25		
CHAPTER 4: ANALYSIS AND FINDINGS					
	4.1	Introduction	26		
	4.2	Result from Market Model Analysis	27		
	4.3	Result from Market Adjusted Return Analysis	31		
	4.4	Test for Individuals and Institutions	34		
	4.5	Conclusion	37		
CHAPTER 5: CONCLUSION AND RECOMMENDATION					
	5.1	Introduction	38		
	5.2	Overview of the Research Process	38		
	5.3	Summary of Findings	40		
	5.4	Implications of the Study	40		
	5.5	Direction for Further Studies	41		
	5.6	Conclusion	41		

REFERENCES 42

APPENDICES

LIST OF TABLES

Table 4.1	: Average abnormal return for insider purchases and sales
Table 4.2	: Cumulative daily abnormal returns for insider trading events
Table 4.3	: Average daily abnormal return for insider trading events using market
	adjusted
Table 4.4	: Cumulative daily abnormal returns for insider trading events using market adjusted
Table 4.5	: Mean test and t-test for individuals and institutional selling activity
Table 4.6	: Results for parametric and non-parametric test for sales activity
Table 4.7	: Mean and t-test for individuals and institutional purchasing activity
Table 4.8	: Results for parametric and non-parametric for purchasing activity

LIST OF FIGURES

Figure 4.1 : The cusing

The cumulative average abnormal return for selling activity

market model

Figure 4.2 : The cumulative average abnormal return for purchasing activity

using market model

Figure 4.3 using

The cumulative average abnormal return for selling activity

market adjusted return

Figure 4.4 activity

The cumulative average abnormal return for purchasing

using market adjusted return

LIST OF ABBREVIATIONS

CAAR : Cumulative abnormal returns

CMSA : Capital Market and Service Act

EMH : Efficient market hypothesis

ITSA : Insider Trading Sanctions Act

SIA : Malaysian Securities Industry Act

SICDA : Securities Industry (Central Depositories) Act

CHAPTER ONE

BACKGROUND OF STUDY

1.1 INTRODUCTION

The efficient-market hypothesis asserts that financial markets are "informationally efficient" in which prices on traded assets will reflect all known information, and instantly change to reflect new information. Therefore, according to theory, it is impossible to consistently outperform the market by using any information that the market already knows. When the market is said to be strong, it indicates no individual can have higher expected trading profits than others because of monopolistic access to information. However this conclusion does not hold in the existence of insider trading.

Insider trading is an activity of trading corporation's stock or any other securities by individuals with potential access to non-public information about the company. The study on insider trading can be categorized into two broad areas. The first area of studies emphasis on insider trading regulation and their reaction to its enforcement. The second topic on insider trading which also attracts reviewer is regarding the profit of the insider.

The contents of the thesis is for internal user only

REFERENCES

Ahmet Kara, Karen Craft Denning (1998), "A model and empirical test of the strong form efficiency of US capital markets: More evidence of insider trading profitability", *Applied Financial Economics*.

Cheuk, M.Y, Dennis K. Fan, Raymond W. So (2006), "Insider trading in Hong Kong: Some stylized facts", Pacific-Basin Finance Journal 14 (2006) 73–90

Eckbo, B.E., Smith, D.C., (1998), "The conditional performance of insider trades", *Journal of Finance 53*, 467–498.

Fama, E., French, K., (1992), "The cross-section of expected returns." *Journal of Finance* 47, 427–466.

Fama, E., French, K., (1995), "Size and book-to-market factors in earnings and returns. *Journal of Finance 50*", *131–155*.

Finnerty, J., (1976), "Insiders and market efficiency." *Journal of Finance 31*, 1141–1148.

Grinblatt, M., Keloharju, M.(2001), "What makes investors trade?" *Journal of Finance* 56, 589–616.

Jaffe, J.F., (1974), "Special information and insider trading", *Journal of Business 47*, 410–428.

Jeng, L., Metrick, A., Zeckhauser, R., (2003), "Estimating the returns to insider trading: a performance-evaluation perspective", *Review of Economics and Statistics* 85, 453–471.

Joseph D. Beams, Robert M. Brown and Larry N. Killough (2003), "An Experiment Testing the Determinants of Non-Compliance with Insider Trading Laws", *Journal of Business Ethics* 45, pp 309-323, 2003.

Juha-Pekka Kallunki, Henrik Nilsson and Jorgen Hellstrom (2009), "Why do insiders trade? Evidence based on unique data on Swedish insiders", *Journal of Accounting and Economics*.

Lakonishok, J., Lee, I., (2001) "Are insider trades informative?", *Review of Financial Studies 14*, 79–111.

Lin, J., Howe, J., (1990), "Insider trading in the OTC market", *Journal of Finance 45*, 1273–1284.

Louis Cheng, Michael Firth, T.Y. Leung and Oliver Rui (2006), "The effects of insider trading on liquidity", *Pacific-Basin Finance Journal* 14 (2006) 467–483

Nasser Arshadi (1998), "Insider Trading Liability and Enforcement Strategy", *Financial Management, Vol. 27, No. 2*, Summer 1998, pages 70 – 84.

Philip Anthony Ohara (2001), "Insider trading in financial market", *International Journal of Social Economics Vol.* 28, pp 1046-1062.

Pope, P.F., Morris, R.C., Peel, D.A., (1990), "Insider trading: some evidence on market efficiency and director' share dealings in Great Britain", *Journal of Business, Finance, and Accounting* 17, 359–380.

Rozeff, M., Zaman, M., (1988), "Market efficiency and insider trading: new evidence" Journal of Business 61,25–44

Seyhun, N., (1988), "The information content of aggregate insider trading", *Journal of Business* 61, 1-23.