

**CENTRE OF STUDIES FOR BUILDING SURVEYING
FACULTY OF ARCHITECTURE, PLANNING AND SURVEYING
UNIVERSITI TEKNOLOGI MARA**

THE MAINTENANCE OF JETTY TERMINAL TO LANGKAWI

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**“I hereby declare that this academic project is the result of my own
research
except for the quotation and summary which have been acknowledged”**

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ABSTRACT

Langkawi, officially known as Langkawi the Jewel of Kedah is an archipelago of 104 islands in the Andaman Sea, some 30 km off the mainland coast of northwestern Malaysia . It can only be accessed by using air and water transport .

Generally, there are three main jetty terminal function as jetty passenger terminal was built as the entrance through the waterway to Langkawi including Kuala Perlis Jetty Terminal, Kuala Kedah Jetty Terminal and Penang Jetty Terminal . The three terminal jetty is also under the administration and management of the Marine Department of Malaysia . In this study, three of the selected terminal is Kuala Perlis Jetty Terminal, Kuala Kedah Jetty Terminal and terminal Kuah Jetty Terminal .

Langkawi will be visited by tourists, especially during international program like Langkawi International Maritime and Aerospace Exhibition (LIMA) and Le Tour de Langkawi . The attractiveness of a tourism center to Langkawi depending on the level of maintenance at the jetty terminal . The Maintenance of Jetty Terminal To Langkawi is selected as title of Academic Project II (BSS 658) . This study has been conducted to achieve the following three objectives including to study the maintenance of jetty terminal, to identify the user perception and satisfaction with the maintenance of jetty terminal and to suggest improvements of facilities of jetty terminal .

Distribution of the questionnaire was carried out to obtain the needed data is done on the three different terminal jetty involving respondents from ferry users and staff of the Marine Department of Malaysia . The data collected is then analyzed to determine whether the results of this study is successful or not achieving the objectives . All suggestions and criticisms regarding terminal jetty terminal is accounted for improvement for convenience of ferry users .

CHAPTER 1

BACKGROUND OF THE RESEARCH

1.1 INTRODUCTION

Langkawi is located west of Kedah and Perlis and northern of Kedah in Peninsular Malaysia . Langkawi is located in the Straits of Malacca near the Andaman Sea and the Indian Ocean in the west . There are 99 interesting islands in Langkawi and a tourist attraction . Langkawi is also known as Legendary Island because this island is unique in the sense that other island has many myths and legends related .



Figure 1 Map of Langkawi

Langkawi only be connected with two types of transport which air and water transport . There are 12 daily flights from Kuala Lumpur and Subang which land at Langkawi International Airport involving Malaysia Airlines and AirAsia . There are also direct flights from Penang and Singapore .

The first jetty is Kuala Perlis Jetty Terminal located in Perlis River estuary and about 13 km from Kangar, Perlis State Capital, offering short travel time of approximately 45 minutes to 1 hour to Langkawi compared with Kuah and Kuala Kedah . All administration and management of this terminal is fully controlled by the Marine Department of Malaysia .