

FR 0842

FR 0014

LIBRARY
SEDAYA INTERNATIONAL COLLEGE

SEDAYA INTERNATIONAL COLLEGE

FACULTY OF ENGINEERING AND INFORMATION

TECHNOLOGY

SCHOOL OF ENGINEERING

FINAL REPORT

FINALYEAR ENGINEERING PROJECT 2002

Project Title : MODELING MOBILE SATELLITE CHANNEL
Name : CHONG CHAI LIN
Student ID : 99106861
First Supervisor : MR. ZUBEIR
Second Supervisor : MR. FAWWAZ
Project Coordinator : DR. KHEDR





ABSTRACT

This report is planning document of the project entitled

“ Modeling Mobile Satellite Channel”

Due to the rapid growth in mobile satellite communication system, mobile communication has stepped into a brand new era. In this project, we will study on mobile satellite system in non-geostationary orbit system, which is Low Earth Orbit (LEO). Simultaneously, we will also analyze the quality of the channel throughout the signal transmissions between a mobile terminal and a satellite terminal utilizing simulation software Network Simulator version 2 (NS-2).

LIBRARY
SEDAYA INTERNATIONAL COLLEGE

0842