H.T.I

ELECTRICAL ENGINEERING COURSE

DIPLOMA PROJECT

S.O.S EMERGENCY CALL AND ALARM MONITORING SYSTEM

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1992

A C K N O W L E D G E M E N T S

First I would like to express my sincere thanks to my project supervisor, Mr. Ch. Theopemptou for his guidance given throughout the project period.

I would also like to express my thanks and appreciation to the staff of CYTA RESEARCH DEPARTMENT for their assistance throughout the project period. Especially I would like to thank Mr Ch. Kirmitsis , Mr. A. Alexandrou and Mr. K. Kylilis for their useful and helpful advices.

Thanks and deep appreciation are hereby expressed to :

- CHR. KIRMITSIS LTD and specially to Mr. Menelaou Loucas

THEOPHANIS Ch. LOUMBAS

NICOSIA, JUNE 1992

A B S T R A C T

This project deals with the design, construction and testing of a teleindication system. The system uses microprocessor circuitry , based on an 8085 C.P.U.

The project scans the S.O.S emergency lines and alarm calls and after processing the signals received it produces an output on an RS-232 port.

To accept the signals an interfacing circuit is used and to process those signals the microprocessor is used which also controls the whole system.

In this project both hardware and software aspects are covered.

First general information is given about the project requirements, and many of the designed considerations are discussed. Circuits and programs are also described in detail.

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