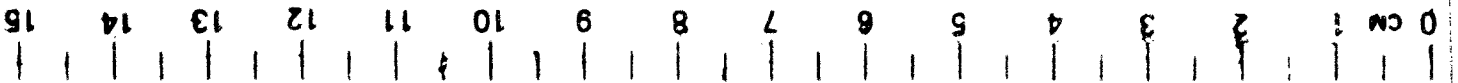


MULA



UNIVERSITY OF MALAYA LIBRARY .

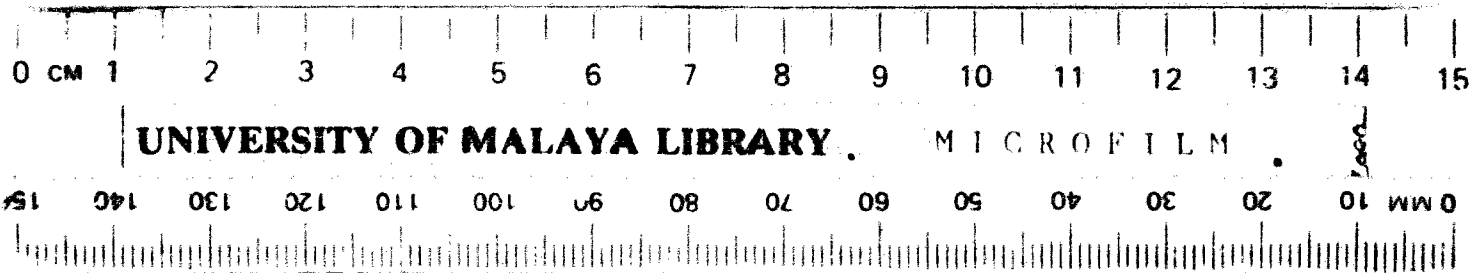
MICROFILM .



**ECONOMICS OF CERTAIN
FISHING EQUIPMENT IN BESERAH**

An Academic Exercise

**Presented to the University of Malaya in Part Fulfillment
Towards the Degree of Bachelor of Arts with Honours in Economics**



By

SALLEHUDDIN BIN MOHAMED

November, 1958

PREFACE

I wish to express my gratitude to the following who had helped me in one way or another during my field-work in Beserah:

Che' Osman b. Sulaiman, Regional Fisheries Officer,

South East Malaya, Kuantan

Mr. Koh Ee Hock, Assistant Fisheries Officer, Kuantan,

Datok Nebeng, Beserah,

Che' Reali, State Development Officer, Pahang,

Datok Penghulu, Beserah,

Che' Wan Mansor b. Wan Muda, Beserah.

I am particularly grateful to Ungku Abdul Aziz, University of Malaya for making my field-work possible and for supervising my work. Also I am indebted to Mr. Lim Chong Yah, Ministry of Commerce and Industry, Singapore, and Dr. D.W. Brown, University of Malaya, for making constructive criticism on this academic exercise.

Finally, I wish to express my thanks to others who had given me assistance in one way or another.

TABLE OF CONTENTS

Page

PREFACE	i
LIST OF TABLES	iv
LIST OF ILLUSTRATION	v
CHAPTER I: <u>INTRODUCTION</u>	1
A. PURPOSE	1
B. SCOPE	1
C. METHOD	2
D. DIFFICULTIES	2
CHAPTER II: <u>CAPITAL EQUIPMENT</u>	4
A. FISHING METHODS AND EQUIPMENT	4
B. OWNERSHIP OF CAPITAL EQUIPMENT	9
C. LOANS OF CAPITAL EQUIPMENT	9
D. SHARES OF CAPITAL EQUIPMENT	12
E. CHINESE FISH DEALERS AS SUPPLIERS OF ENGINES	12
CHAPTER III: <u>BOATS</u>	14
A. TYPES OF BOATS	14
B. COSTS OF BOATS	14
C. MAINTENANCE AND REPAIR	15
D. ANNUAL DEPRECIATION CHARGE	16
E. MECHANIZATION	17

	Page
CHAPTER IV: <u>NETS</u>	20
A. TYPES OF NETS	20
B. COSTS OF NETS	20
C. MAINTENANCE AND REPAIR	22
D. ANNUAL DEPRECIATION CHARGE	23
CHAPTER V: <u>UNJANG AND FLOATS</u>	26
A. UNJANG	26
B. FLOATS	27
CHAPTER VI: <u>INCOME</u>	29
A. FACTORS AFFECTING INCOME	29
B. ESTIMATED INCOME OF FISHING UNITS	32
C. RETURNS TO CAPITAL	35
CHAPTER VII: <u>CONCLUSION</u>	38
APPENDIX	41

LIST OF TABLES

Page

TABLE 1.	-	A Summary of Fishing gear Beserah 1958 . . .	6
TABLE 2	-	Number of fishing units in Beserah July 1958	7
TABLE 3	-	Cost of boat in relation to size and material	15
TABLE 4	-	Estimated annual depreciation charge of boat	17
TABLE 5	-	Comparative costs of nets	21
TABLE 6	-	Estimated average life of nets	24
TABLE 7	-	Estimated annual depreciation charge of nets	25
TABLE 8	-	Gross returns to Pukat Tarek Unit (case study) from January to June 1958	34
TABLE 9	-	Gross returns to Pukat Dalam Unit (case study) from January to June 1958	35

LIST OF ILLUSTRATION

Page

2		
APPENDIX I:	Map 1 - Map of Malaya (Showing position of Besarrah	41
	Map 2 - Map of Mukim of Besarrah	42
APPENDIX II:	Diagram 1 - Pukat Tarek	43
	Diagram 2 - Pukat Dalam	44
	Diagram 3 - Operation of Pukat Tangkol . .	45
APPENDIX III:	Photo 1 - Kush boat	46
	Photo 2 - Sekochi boat	46
	Photo 3 - Gelibat boat	46
	Photo 4 - Jalak Kong boat	47
	Photo 5 - 'Samak' (Drying the net) . . .	47
	Photo 6 - Hauling the boat	47