

2) The major reasons for not joining the AFA

Of the 141 fishermen who were not in the AFA, 44 percent replied there was no particular reason why they had not joined, 35 percent said they did not know much about the association, and only 11 percent stated that AFA membership held no merits for them (Table 48).

3) Willingness to join the AFA

114 fishermen who had been AFA members in the past were asked if they would be willing to rejoin the AFA (Table 49). However, only 60 out of the 114 fishermen responded. Of the total 141 non-members, 35 percent clearly stated their willingness to join and 8 percent answered negatively. Of the ratio of fishermen who were willing to join, 46 percent were boat owners and 30 percent were crew members. Boat owners were more willing to join than crew members.

4) Revising annual membership dues (Mersing: RM1.00, Endau: RM2.00)

Members as well as non-members were asked their opinion on current annual AFA membership dues (Table 50).

Those who felt that present annual membership dues were sufficient were 55 percent and those who stated it was cheap were 43 percent. Of the respondents who thought the dues were cheap, 59 percent were boat owners and 43 percent were crew members. Despite the fact that in reality, membership dues are not high for crew members as well, fishermen are cautious when answering questions pertaining to fees or income and try to give their answers in minimum terms.

5) Appropriateness of the RM200 compensation money paid by the AFA as part of their social welfare activities. (Endau AFA only)

Fishermen who felt the amount was appropriate were 68 percent, and those who felt it was insufficient were 37 percent (Table 51).

6) In order to implement the system of compensation, it is necessary to pay annually RM5.00 in insurance. The appropriateness of this amount was asked.

Fishermen who responded the amount was appropriate were 95 percent and those who felt it was high was about 5 percent (Table 2.3.52).

7) Increase the amount of insurance that supports compensation payments

Fishermen who were in agreement with an increase in insurance payments were 84 percent and those who were in opposition were 17 percent (Table 53). Of the ratio of

fishermen who agreed to an increase, 94 percent were boat owners and 84 percent were crew members. Of the ratio of those who were in disagreement, 9 percent were boat owners and 26 percent were crew members.

- 8) Fairness of membership dues, despite the differences in assets and position among members

Those who responded that membership dues were fair despite such differences, were 26 percent, while those who stated it was unfair were 36 percent. The ratio of those who felt it was unfair, was roughly 10 percent higher. Of the ratio of fishermen who responded it was fair, 20 percent were boat owners and 26 percent were crew members. Of the ratio of fishermen who thought it was unfair, 28 percent were boat owners and 37 percent were crew members. As a result, crew members appeared to feel more strongly that membership dues were unfair (Table 2.3.54).

- 9) Implement a slight difference in membership dues based on the member's assets, position, and work

Fishermen who opposed implementing different membership dues based on the above, were an overwhelming 52 percent in contrast to the 12 percent who were in support of such measures (Table 55). Among the opposition, 64 percent were boat owners and 48 percent were crew members. The opposition of boat owners was slightly higher.

- 10) Satisfaction with the current status quo of member composition

Fishermen who were satisfied with the present status quo of member composition were 27 percent, those who expressed dissatisfaction were 9 percent, and the majority of 63 percent were undecided (Table 56).

- 11) Restricting AFA memberships to boat owners and skippers (AFA for boat owners only)

An overwhelming 48 percent of the fishermen opposed such restrictions and only 6 percent expressed support (Table 57).

- 12) Restricting AFA memberships to boat owners and crew members

Fishermen who supported this restriction were 35 percent and those who opposed it were 15 percent. Hence, it was concluded that the possibility of implementing this revision was comparatively high, in contrast to the idea of restricting memberships to only boat owners (Table 58).

13) Separating AFA constituency into full members and Associate-members

1. Full Members: Boat owners, Skippers, Crew members

2. Associate-Members: Processors, Retailers, Others

The ratio of fishermen who supported such a classification were slightly higher at 28 percent and those in opposition were 23 percent. Of the supporters, 39 percent were crew members and 15 percent were boat owners. The ratio of crew members who were in agreement with the measure was higher than the ratio for boat owners. The ratio of boat owners who opposed the measure was twice that of the supporters and the crew members who supported the measure was twice that of the opposition. A clear split in opinion between the boat owners and crew members was observed (Table 59).

14) Support/Opposition of an organization restricted only to crew members

Overall support for an organization restricted to crew members was 18 percent; and 58 fishermen or 41 percent expressed opposition (Table 60). Opposition of such an organization was higher among the boat owners than crew members.

Table 1 Distribution of Boat Owners and Crew in the Survey by Race

	Mersing		Sub-	Endau		Sub-	Mersing/Endau		
	Boat Owners	Crew	Total	Boat Owners	Crew	Total	Boat Owners	Crew	Total
Bumi	52	54	106	68	105	173	120	159	279
Non-Bumi	32	7	39	42	17	59	74	24	98
	84	61	145	110	122	232	194	183	377

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 2 Distribution of Household Size

	Mersing	Endau	Total
Less than 2 persons	14 (10%)	33 (14%)	47 (12%)
2 - 5 persons	42 (29%)	85 (37%)	127 (34%)
6 - 8 persons	73 (50%)	78 (34%)	151 (40%)
More than 9 persons	16 (11%)	36 (16%)	52 (14%)
	145 (100%)	232 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 3 Distribution of Household by Educational Status

	Mersing	Endau	Total
No schooling	25 (17%)	22 (9%)	47 (12%)
Primary education	88 (61%)	107 (46%)	195 (52%)
Lower secondary	12 (8%)	52 (22%)	64 (17%)
Higher secondary	20 (14%)	51 (22%)	71 (19%)
	145 (100%)	232 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 4 Distribution of Household by Working Persons

	Mersing	Endau	Total
One person	118 (83%)	168 (74%)	286 (76%)
Two persons	16 (11%)	40 (18%)	56 (15%)
Three persons	6 (4%)	16 (7%)	22 (6%)
Four persons	2 (1%)	4 (2%)	6 (1%)
Five persons	3 (2%)	4 (2%)	7 (1%)
	142 (100%)	228 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 5 Distribution of House Ownership Status

	Mersing	Endau	Total
Own house & land	37 (26%)	117 (50%)	154 (41%)
Own house & rented land	49 (34%)	32 (14%)	81 (21%)
Own house & squatting	13 (9%)	28 (12%)	41 (11%)
Rented house & land	46 (32%)	55 (24%)	101 (27%)
	145 (100%)	232 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 6 Distribution of House by Type

	Mersing	Endau	Total
Concrete/bricks/tiles	31 (21%)	45 (19%)	76 (20%)
Concrete/zinc	26 (18%)	35 (15%)	61 (16%)
Plank/zinc	85 (59%)	149 (64%)	234 (62%)
Atap/bamboo	3 (2%)	3 (1%)	6 (2%)
	145 (100%)	232 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 7 Household Savings

	Class A/B	Class C/C2	Crew	Total
Post Office	10 (8%)	2 (3%)	9 (5%)	21 (6%)
Pilgrimage Board	54 (41%)	50 (81%)	41 (22%)	145 (38%)
At Home	14 (11%)	6 (10%)	35 (19%)	55 (15%)
None	54 (41%)	4 (6%)	98 (54%)	156 (41%)
	132 (100%)	62 (100%)	183 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 8 Working Condition During Monsoon

	Class A/B	Class C/C2	Crew	Total
Net repairing	15 (12%)	12 (19%)	18 (10%)	45 (12%)
Agri. labour	14 (11%)	2 (3%)	8 (4%)	24 (6%)
Processing	0 (0%)	2 (3%)	3 (2%)	5 (1%)
Other work	26 (20%)	9 (15%)	25 (14%)	60 (16%)
Fishing	18 (14%)	30 (48%)	44 (24%)	92 (24%)
None	57 (44%)	7 (11%)	87 (47%)	151 (40%)
	130 (100%)	62 (100%)	185 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 9 Other Business Activities Besides Fishing

	Boat Owners	Crew	Total
Individually	38 (20%)	8 (4%)	46 (12%)
Cooperation	21 (11%)	3 (2%)	24 (6%)
None	134 (69%)	173 (94%)	307 (81%)
	193 (100%)	184 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 10 Kind of Business Activities

	Boat Owners	Crew	Total
Fish trading	44 (72%)	0 (0%)	44 (63%)
Processing	2 (3%)	2 (22%)	4 (6%)
Retail shop	4 (7%)	1 (11%)	5 (7%)
Transport	4 (7%)	0 (0%)	4 (6%)
Others	7 (11%)	6 (67%)	13 (19%)
	61 (100%)	9 (100%)	70 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 11 Monthly Expenditure on Food, Clothing, etc.

	Class A/B	Class C/C2	Crew	Total
< \$350	38 (29%)	6 (10%)	101 (55%)	145 (38%)
\$351-\$400	38 (29%)	8 (13%)	33 (18%)	79 (21%)
\$401-\$500	26 (20%)	6 (10%)	14 (8%)	46 (12%)
\$501-\$600	8 (6%)	6 (10%)	15 (8%)	29 (8%)
>\$601	20 (15%)	36 (58%)	22 (12%)	78 (21%)
	130 (100%)	62 (100%)	185 (100%)	377 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 12 Landing of Fish Catch (Mersing/Endau)

	Class A/B	Class C/C2	Total
Private Jetty	44 (34%)	47 (76%)	91 (47%)
LKIM Complex	85 (65%)	15 (24%)	100 (52%)
Beaching	2 (2%)	0 (0%)	2 (1%)
	131 (100%)	62 (100%)	193 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 13 Landing of Fish Catch (Endau)

	Class A/B	Class C/C2	Total
Private Jetty	31 (45%)	36 (84%)	67 (60%)
LKIM Complex	37 (54%)	7 (16%)	44 (39%)
Beaching	1 (1%)	0 (0%)	1 (1%)
	69 (100%)	43 (100%)	112 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 14 Landing of Fish Catch (Mersing)

	Class A/B	Class C/C2	Total
Private Jetty	13 (21%)	11 (58%)	24 (30%)
LKIM Complex	48 (77%)	8 (42%)	56 (69%)
Beaching	1 (2%)	0 (0%)	1 (1%)
	62 (100%)	19 (100%)	81 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 15 Reasons Fof Landing of Fish at Private Jetty

	Class A/B	Class C/C2	Total
Jetty Owner's Boat	5 (11%)	8 (18%)	13 (14%)
Price is better	9 (20%)	4 (9%)	13 (14%)
Credit tie	6 (13%)	2 (4%)	8 (9%)
Diesel/ice credit	26 (57%)	31 (69%)	57 (63%)
	46 (100%)	45 (100%)	91 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 16 Period of Boat Purchase/Construction

	Class A/B	Class C/C2	Total
Before 1980	63 (48%)	1 (2%)	64 (33%)
1981-1985	32 (24%)	17 (27%)	49 (25%)
1986-1990	36 (27%)	44 (71%)	80 (41%)
	131 (100%)	62 (100%)	193 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 17 Source of Capital for Boat Purchase/Construction

	Mersing	Endau	Total
From Own Saving	25 (30%)	26 (23%)	51 (26%)
Partly from Own Saving	39 (48%)	67 (60%)	106 (55%)
Other Source	18 (22%)	18 (16%)	36 (19%)
	82 (100%)	111 (100%)	193 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 18 Main Source of Loan

	Class A/B	Class-C/C2	Total
BPM	43 (57%)	8 (22%)	51 (46%)
SKK/SPKP	1 (1%)	7 (19%)	8 (7%)
Development Bank	3 (4%)	1 (3%)	4 (4%)
Local Wholesaler	16 (21%)	3 (8%)	19 (17%)
Outside Wholesaler	2 (3%)	1 (3%)	3 (3%)
Singapore Wholesaler	7 (9%)	13 (36%)	20 (18%)
Processor	1 (1%)	1 (3%)	2 (2%)
Other	2 (3%)	2 (6%)	4 (4%)
	75 (100%)	36 (100%)	111 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 19 Time Taken for Loan Approval

	Class A/B	Class-C/C2	Total
0-2 months	39 (50%)	28 (61%)	67 (54%)
3-4 months	23 (29%)	9 (20%)	32 (26%)
5-6 months	8 (10%)	4 (9%)	12 (10%)
> 6 months	8 (10%)	5 (11%)	13 (10%)
	78 (100%)	46 (100%)	124 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 20 Expenditure by Loanee for Loan Transaction

	Class A/B	Class-C/C2	Total
<\$50	21 (27%)	15 (33%)	36 (29%)
\$51-\$100	14 (18%)	4 (9%)	18 (14%)
\$101-\$200	10 (13%)	3 (7%)	13 (10%)
>\$200	34 (43%)	24 (52%)	58 (46%)
	79 (100%)	46 (100%)	125 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 21 Reasons for Not Taking Loan

	Class A/B	Class-C/C2	Total
Have sufficient finance	28 (41%)	10 (42%)	38 (41%)
Afraid of losing collateral	3 (4%)	0 (0%)	3 (3%)
Afraid of refusal by bank	2 (3%)	2 (8%)	4 (4%)
Lack of collateral	15 (22%)	1 (4%)	16 (17%)
Have access to informal credit	14 (21%)	9 (38%)	23 (25%)
Other reasons	6 (9%)	2 (8%)	8 (9%)
	68 (100%)	24 (100%)	92 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 22 Repayment of Loan

	Class A/B	Class-C/C2	Total
Ahead of Schedule	6 (8%)	3 (6%)	9 (7%)
On Schedule	46 (59%)	25 (53%)	71 (57%)
Behind Schedule	25 (32%)	19 (40%)	44 (35%)
Loan not paid	1 (1%)	0 (0%)	1 (1%)
	78 (100%)	47 (100%)	125 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 23 Source of Fishing Operation Cost

	Class A/B	Class-C/C2	Total
Bank	1 (1%)	3 (5%)	4 (2%)
Fish trader	47 (36%)	30 (48%)	77 (40%)
AFA	1 (1%)	0 (0%)	1 (1%)
Own	81 (62%)	29 (47%)	110 (57%)
	130 (100%)	62 (100%)	192 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 24 Repayment of Fishing Operation Cost

	Class A/B	Class-C/C2	Total
Deduct from fish sales	48 (92%)	23 (92%)	71 (92%)
By cash	4 (8%)	2 (8%)	6 (8%)
	52 (100%)	25 (100%)	77 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 25 Saving Accounts

	Class A/B	Class-C/C2	Total
Yes	70 (54%)	56 (90%)	126 (65%)
No	60 (46%)	6 (10%)	66 (35%)
	130 (100%)	62 (100%)	192 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 26 Saving Amount

	Class A/B	Class-C/C2	Total
<\$500	26 (20%)	7 (12%)	33 (17%)
\$500-1000	24 (18%)	11 (18%)	35 (18%)
\$1000-3000	14 (11%)	4 (7%)	18 (9%)
\$3000-5000	7 (5%)	9 (15%)	16 (8%)
\$5000-10,000	1 (1%)	16 (27%)	17 (9%)
>10,000	0 (0%)	7 (12%)	7 (4%)
None	60 (45%)	6 (10%)	66 (34%)
	132 (100%)	60 (100%)	192 (100%)

Remarks: Based on Field Survey Phase 1 (The F/S on the Pilot Project for Improvement of Fish Marketing and Distribution System in Malaysia, April/May 1992)

Table 27 Use of AFA Revolving Fund

	AFA Member						Non-Member						% Total	%
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	%		
No response	0	1	0	0	1	0.69	0	0	0	0	0	0.00	1	0.55
Will always use	55	17	9	9	90	62.50	5	2	7	5	19	51.35	109	60.22
Will probably use	18	11	11	7	47	32.64	2	3	9	3	17	45.95	64	35.36
Will not use	3	2	1	0	6	4.17	0	0	1	0	1	2.70	7	3.87
Total	76	31	21	16	144	100.00	7	5	17	8	37	100.00	181	100.00

Table 28 Fish Consignment in Exchange for Credits

	AFA Member						Non-Member						% Total	%
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	%		
No response	3	3	1	0	7	4.55	1	0	1	0	2	5.13	9	4.66
Will always consign most	43	13	3	8	67	43.51	4	1	2	1	8	20.51	75	38.86
Perhaps consign most	24	11	9	4	48	31.17	3	3	6	4	16	41.03	64	33.16
Only a small volume	8	4	7	4	23	14.94	0	1	7	1	9	23.08	32	16.58
Will not consign	2	0	0	0	2	1.30	0	0	0	0	0	0.00	2	1.04
Do not know	6	0	1	0	7	4.55	1	0	1	2	4	10.26	11	5.70
Total	86	31	21	16	154	100.00	9	5	17	8	39	100.00	193	100.00

Table 29 Non-Acceptance of AFA Credit

	AFA Member						Non-Member						% Total	%
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	%		
Use own capital	3	1	0	0	4	17.39	1	0	0	0	1	10.00	5	15.15
Use another source	2	4	5	1	12	52.17	0	1	6	0	7	70.00	19	57.58
Dislike AFA	0	0	0	0	0	0.00	0	0	0	0	0	0.00	0	0.00
Don't like obligation of consi	3	2	0	2	7	30.43	1	0	0	1	2	20.00	9	27.27
Total	8	7	5	3	23	100.00	2	1	6	1	10	100.00	33	100.00

Table 30 AFA Purchase of Fish Catch

	AFA Member						Non-Member						% Total	%
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	%		
No response	0	1	0	0	1	0.65	0	0	0	0	0	0.00	1	0.52
Will always sell	38	16	7	12	73	47.40	4	1	8	5	18	46.15	91	47.15
Perhaps will sell	30	13	11	4	58	37.66	4	4	6	2	16	41.03	74	38.34
Want to, but cannot	8	0	1	0	9	5.84	1	0	2	1	4	10.26	13	6.74
Will not sell	10	1	2	0	13	8.44	0	0	1	0	1	2.56	14	7.25
Total	86	31	21	16	154	100.00	9	5	17	8	39	100.00	193	100.00

Table 31 On Japanese AFA Practices

	AFA Member							Non-Member							
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	% Total	%		
No response	0	0	1	0	0	1	0.65	0	0	0	0	0.00	1	0.52	
Excellent	14	23	3	1	4	31	20.13	6	0	2	1	9	23.08	40	20.73
Good	30	48	17	13	7	85	55.19	1	5	12	4	22	56.41	107	55.44
Not good	1	1	1	1	0	3	1.95	0	0	0	1	1	2.56	4	2.07
Don't know	12	14	9	6	5	34	22.08	2	0	3	2	7	17.95	41	21.24
Total	57	86	31	21	16	154	100.00	9	5	17	8	39	100.00	193	100.00

Table 32 Participation Ratio in AFA with Introduction of Japanese AFA Practices

	AFA Member							Non-Member						
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	% Total	%	
No response	1	1	0	0	2	1.30	0	0	0	0	0	0.00	2	1.04
Will join	45	14	8	10	77	50.00	4	4	7	2	17	43.59	94	48.70
Cannot join	18	3	2	1	24	15.58	2	0	3	4	9	23.08	33	17.10
Don't want to join	1	2	0	0	3	1.95	1	0	0	1	2	5.13	5	2.59
Don't know	21	11	11	5	48	31.17	2	1	7	1	11	28.21	59	30.57
Total	86	31	21	16	154	100.00	9	5	17	8	39	100.00	193	100.00

Table 33 Feasibility of Japanese AFA Practices

	AFA Member							Non-Member						
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	% Total	%	
No response	0	2	0	0	2	1.30	0	0	0	0	0	0.00	2	1.04
All feasible	36	1	3	4	44	28.57	5	3	3	2	13	33.33	57	29.53
Some feasible	31	19	9	6	65	42.21	2	1	11	3	17	43.59	82	42.49
All unfeasible	1	2	1	0	4	2.60	1	0	0	2	3	7.69	7	3.63
Don't know	18	7	8	6	39	25.32	1	1	3	1	6	15.38	45	23.32
Total	86	31	21	16	154	100.00	9	5	17	8	39	100.00	193	100.00

Table 34 Most Adaptable Japanese Activity

	AFA Member							Non-Member						
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	% Total	%	
AFA & Consign Contract	8	0	0	0	8	10.81	0	0	0	0	0	0.00	8	8.42
AFA & Partial Contract	7	0	2	1	10	13.51	0	0	0	0	0	0.00	10	10.53
Traders purchase from AF/	2	1	1	0	4	5.41	0	0	0	0	0	0.00	4	4.21
Payment thru AFA	19	20	7	5	51	68.92	2	1	13	5	21	100.00	72	75.79
AFA accounts & savings	1	0	0	0	1	1.35	0	0	0	0	0	0.00	1	1.05
Total	37	21	10	6	74	100.00	2	1	13	5	21	100.00	95	100.00

Table 35 Most Unfeasible Japanese Practice

	AFA Member							Non-Member						
	A	B	C	C2	Sub-total	%	A	B	C	C2	Sub-total	Total	%	
AFA & Consign Contract	1	1	0	0	2		0	0	1	1	2	4	19.05	
AFA & Partial Contract	1	1	1	2	5		0	0	0	1	1	6	28.57	
Traders purchase from AF/	2	2	0	0	4		1	0	1	0	2	6	28.57	
Payment thru AFA	3	0	1	1	5		0	0	0	0	0	5	23.81	
AFA accounts & savings	0	0	0	0	0		0	0	0	0	0	0	0.00	
Total	7	4	2	3	16		1	0	2	2	5	21	100.00	

Table 36 Who Does AFA Belong To?

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	4	4	4.88	4	1.69
Fishermen Organization	24	50	74	48.05	14	13	27	32.93	101	42.80
Govt. organization	26	33	59	38.31	7	29	36	43.90	95	40.25
Don't know	9	12	21	13.64	3	12	15	18.29	36	15.25
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 37 AFA Role in Upgrading Operations & Livelihood

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	1	1	2	1.30	0	3	3	3.66	5	2.12
No effect	4	13	17	11.04	0	1	1	1.22	18	7.63
Slight effect	46	56	102	66.23	15	38	53	64.63	155	65.68
Good effect	8	25	33	21.43	9	16	25	30.49	58	24.58
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 38 Social Activity In Need of Most Reinforcement

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	11	6	17	11.04	0	3	3	3.66	20	8.47
Educational aid	35	61	96	62.34	16	36	52	63.41	148	62.71
Death disaster compen.	4	14	18	11.69	2	3	5	6.10	23	9.75
Fishing lectures	9	14	23	14.94	6	16	22	26.83	45	19.07
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 39 Social Welfare Activities

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	2	1	3	1.95	0	2	2	2.44	5	2.12
Very satisfactory	0	6	6	3.90	0	1	1	1.22	7	2.97
Satisfactory	20	50	70	45.45	13	30	43	52.44	113	47.88
Not good	37	38	75	48.70	11	25	36	43.90	111	47.03
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 40 Membership Dues

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	2	2	2.44	2	0.85
High	0	1	1	0.65	0	0	0	0.00	1	0.42
Suitable	40	51	91	59.09	8	38	46	56.10	137	58.05
Cheap	19	43	62	40.26	16	18	34	41.46	96	40.68
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 41 Increase in Dues

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	28	36	64	41.56	5	27	32	39.02	96	40.68
For	30	52	82	53.25	19	27	46	56.10	128	54.24
Against	1	7	8	5.19	0	4	4	4.88	12	5.08
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 42 Fairness of Dues

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	20	27	47	30.52	6	18	24	29.27	71	30.08
Fair	32	55	87	56.49	15	21	36	43.90	123	52.12
Unfair	7	13	20	12.99	3	19	22	26.83	42	17.80
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 43 Pros/Cons of Having members Other than Fishermen

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	1	0	1	0.65	0	3	3	3.66	4	1.69
For	12	28	40	25.97	7	11	18	21.95	58	24.58
Against	46	67	113	73.38	17	44	61	74.39	174	73.73
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 44 Composition of Members

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	2	2	2.44	2	0.85
Good	32	42	74	48.05	16	23	39	47.56	113	47.88
Unsuitable But Keep	6	13	19	12.34	1	7	8	9.76	27	11.44
Unsuitable/Revise	1	7	8	5.19	0	10	10	12.20	18	7.63
Bad/Revise	1	2	3	1.95	0	0	0	0.00	3	1.27
Don't know	10	16	26	16.88	0	10	10	12.20	36	15.25
No Idea	9	15	24	15.58	7	6	13	15.85	37	15.68
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 45 Restricted Membership-Boat Owners/Skippers

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	2	2	2.44	2	0.85
For	5	20	25	16.23	0	5	5	6.10	30	12.71
Against	30	48	78	50.65	19	29	48	58.54	126	53.39
Don't know	12	14	26	16.88	2	14	16	19.51	42	17.80
No Idea	12	13	25	16.23	3	8	11	13.41	36	15.25
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 46 Restricted Membership-Boat Owners/Skippers/Crew

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	2	2	2.44	2	0.85
For	15	30	45	29.22	5	24	29	35.37	74	31.36
Against	21	34	55	35.71	11	13	24	29.27	79	33.47
Don't know	14	16	30	19.48	6	13	19	23.17	49	20.76
No Idea	9	15	24	15.58	2	6	8	9.76	32	13.56
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 47 Organization Only For Crew Members

	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	2	2	1.30	0	2	2	2.44	4	1.69
For	5	12	17	11.04	1	13	14	17.07	31	13.14
Against	34	59	93	60.39	12	15	27	32.93	120	50.85
Don't know	8	9	17	11.04	4	21	25	30.49	42	17.80
No Idea	12	13	25	16.23	7	7	14	17.07	39	16.53
Total	59	95	154	100.00	24	58	82	100.00	236	100.00

Table 48 Past AFA Membership

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	2	2	1.96	2	1.42
Yes	17	18	35	89.74	4	75	79	77.45	114	80.85
No	2	2	4	10.26	8	13	21	20.59	25	17.73
Total	19	20	39	100.00	12	90	102	100.00	141	100.00

Table 49 Reasons For Not Joining AFA

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	3	4	7	17.95	0	6	6	5.88	13	9.22
No merits	3	1	4	10.26	0	12	12	11.76	16	11.35
Against AFA manag.	0	0	0	0.00	0	1	1	0.98	1	0.71
Can't pay dues	0	1	1	2.56	0	0	0	0.00	1	0.71
Don't know about AFA	3	4	7	17.95	10	31	41	40.20	48	34.04
Political reasons	0	0	0	0.00	0	0	0	0.00	0	0.00
No reason	10	10	20	51.28	2	40	42	41.18	62	43.97
Total	19	20	39	100.00	12	90	102	100.00	141	100.00

Table 50 Willingness To Join AFA

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	11	8	19	48.72	11	51	62	60.78	81	57.45
Yes	7	11	18	46.15	0	31	31	30.39	49	34.75
No	1	1	2	5.13	1	8	9	8.82	11	7.80
Total	19	20	39	100.00	12	90	102	100.00	141	100.00
60 Respondents										
Yes	7	11	18	90.00	0	31	31	77.50	49	81.67
No	1	1	2	10.00	1	8	9	22.50	11	18.33
Total	8	12	20	100.00	1	39	40	100.00	60	100.00

Table 51 Opinion On Dues

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
	0	0	0	0.00	0	1	1	0.98	1	0.71
	0	0	0	0.00	0	1	1	0.98	1	0.71
	8	8	16	41.03	4	58	62	60.78	78	55.32
	11	12	23	58.97	8	30	38	37.25	61	43.26
Total	19	20	39	100.00	12	90	102	100.00	141	100.00

Table 52 Opinion On Compensation

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	0	0	0.00	0	0.00
High	0	0	0	0.00	0	0	0	0.00	0	0.00
Suitable	8	6	14	41.18	4	47	51	73.91	65	63.11
Not enough	9	11	20	58.82	1	17	18	26.09	38	36.89
Total	17	17	34	100.00	5	64	69	100.00	103	100.00

Table 53 Annual Insurance Dues

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	0	0	0.00	0	0.00
High	0	0	0	0.00	0	4	4	5.80	4	3.88
Suitable	17	17	34	100.00	5	59	64	92.75	98	95.15
Very high	0	0	0	0.00	0	1	1	1.45	1	0.97
Total	17	17	34	100.00	5	64	69	100.00	103	100.00

Table 54 Increase Insurance Dues

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	0	0	0.00	0	0.00
Support small increase	4	5	9	26.47	0	21	21	30.43	30	29.13
Support increase compe	13	9	22	64.71	5	29	34	49.28	56	54.37
Impossible	0	3	3	8.82	0	14	14	20.29	17	16.50
Total	17	17	34	100.00	5	64	69	100.00	103	100.00

Table 55 Fairness of Membership Dues

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	0	0	0.00	0	0.00
Fair	6	2	8	20.51	1	27	28	27.72	36	25.71
Unfair	1	11	12	30.77	6	32	38	37.62	50	35.71
Don't know	12	7	19	48.72	5	30	35	34.65	54	38.57
Total	19	20	39	100.00	12	89	101	100.00	140	100.00

Table 56 Different Dues

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	2	2	1.96	2	1.42
For	2	2	4	10.26	1	12	13	12.75	17	12.06
Against	14	11	25	64.10	8	41	49	48.04	74	52.48
Don't know	3	7	10	25.64	3	35	38	37.25	48	34.04
Total	19	20	39	100.00	12	90	102	100.00	141	100.00

Table 57 Satisfaction with Status Quo

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	1	1	0.98	1	0.71
Suitable	7	8	15	38.46	1	22	23	22.55	38	26.95
Unsuitable	2	0	2	5.13	4	7	11	10.78	13	9.22
Don't know	10	12	22	56.41	7	60	67	65.69	89	63.12
Total	19	20	39	100.00	12	90	102	100.00	141	100.00

Table 58 AFA For Boat Owners

	NON AFA MEMBER				NON AFA MEMBER					
	Boat Owner	Owner Skipper	Sub- total	%	Captain	Crew	Sub- total	%	Total	%
No response	0	0	0	0.00	0	1	1	0.98	1	0.71
For	0	0	0	0.00	1	8	9	8.82	9	6.38
Against	9	12	21	53.85	7	40	47	46.08	68	48.23
Don't know	10	8	18	46.15	4	41	45	44.12	63	44.68
Total	19	20	39	100.00	12	90	102	100.00	141	100.00

Table 59 AFA for Boat Owners/Crew

	NON AFA MEMBER				NON AFA MEMBER						
	Boat Owner	Owner Skipper	Sub-total	%	Captain	Crew	Sub-total	%	Total	%	
No response	0	0	0	0.00	0	1	1	0.98	1	0.71	
For	3	6	9	23.08	7	33	40	39.22	49	34.75	
Against	2	4	6	15.38	1	15	16	15.69	22	15.60	
Don't know	14	10	24	61.54	4	41	45	44.12	69	48.94	
Total	19	20	39	100.00	12	90	102	100.00	141	100.00	

Table 60 Fully Quasi Members

	NON AFA MEMBER				NON AFA MEMBER						
	Boat Owner	Owner Skipper	Sub-total	%	Captain	Crew	Sub-total	%	Total	%	
No response	0	0	0	0.00	0	1	1	0.98	1	0.71	
For	3	3	6	15.38	1	32	33	32.35	39	27.66	
Against	7	7	14	35.90	1	17	18	17.65	32	22.70	
Don't know	9	10	19	48.72	10	40	50	49.02	69	48.94	
Total	19	20	39	100.00	12	90	102	100.00	141	100.00	

Table 61 AFA For Crew Members Only

	NON AFA MEMBER				NON AFA MEMBER						
	Boat Owner	Owner Skipper	Sub-total	%	Captain	Crew	Sub-total	%	Total	%	
No response	0	0	0	0.00	0	1	1	0.98	1	0.71	
For	0	4	4	10.26	0	21	21	20.59	25	17.73	
Against	9	9	18	46.15	7	33	40	39.22	58	41.13	
Don't know	10	7	17	43.59	5	35	40	39.22	57	40.43	
Total	19	20	39	100.00	12	90	102	100.00	141	100.00	

APPENDIX - 8 LIST OF REFERENCES

	Title	Source	Year
1	Daily and monthly records of fish landed at the complex and fish consigned to various destinations	LKIM(Endau, Mersing & K. Sedili)	April/May 1992
2	Annual reports of LKIM	LKIM, KL	1987/1988
3	Distribution of Fresh Chilled Fish Imported through BKH Complex	LKIM, KL	1988-90
4	Quantity of Fish Landed in JB Wholesale Market (Tampoi)	LKIM, JB	1989-1990
5	Quantity and Value of Fish in JB Retail Market	LKIM, JB	1989-1990
6	Quantity and Value of Export/Import of Fish through Tambak	LKIM, JB	1989-1991
7	The Second Outline Perspective Plan (1991-2000)	GOM	1991
8	Sixth Malaysia Plan (1991-1995)	GOM	1991
9	Economic Report Volume 20	MOF	1991/92
10	Preliminary Count Report - Population & Housing Census of Malaysia	DOS	1991
11	Kelulusan Mengikut Jenis Pinjaman 1970-1991 (loans made-number of borrowers and amount)	BPM	1991
12	Agricultural Credit Survey, Malaysia	FAO	1986
13	Agriculture Organization of the United Nations, Rome	FAO	
14	Study on Fish Marketing and Distribution System in Malaysia	JICA	March, 1991
15	Measures of Schemes for the Improvement of Agricultural Financing for Small Farmers	BPM	April 11-17, 1988
16	Rethinking Artisanal Fisheries Development: Western Concepts,	World Bank	October, 1980
17	Sociocultural Aspects of Developing Small-Scale Fisheries: Delivering Services to the Poor	World Bank	October, 1981
18	No. of registered boats in Mersing district	DOF Mersing	1990
19	No. of registered boats in Johor state	DOF Mersing	1990
20	Laporan Penyata Kewangan.	PNK.Kuala Sedili	1990/1991
21	Laporan Penyata Kewangan	PNK. Mersing	1990/1991
22	Laporan Tahunan	PNK.Endau	1989/1990/1991
23	Laporan Tahunan	PNK.Kuala Sedili	1990/1991
24	Laporan Tahunan	PNK.Mersing	1990/1991
25	Laporan Tahunan	PNK.Endau	1990/1991
26	Laporan Prestasi Projek PNK. Bagi Tahunan	LKIM	1990/1991
27	Laporan Penyata Kewangan	PENAJA	1991
28	Laporan Tahunan	PENAJA	1991
29	Laporan Tahunan	NEKMAT	1990
30	Laporan Penyata Kewangan	PNK.Kuantan	1991
31	Laporan Tahunan PNK..	PNK.Kuantan	1991
32	Laws of Malaysia Act.44	GOM	1971
33	Laws of Malaysia Act.A694	GOM	1972
34	Laws of Malaysia Act.A201	GOM	1973
35	Laws of Malaysia Act.A261	GOM	1974
36	Weather Records at Mersing	Malaysian Meteo. Service	1992
37	Monthly Summary of Marine Meteorological Observation	JKR	1985-89
38	Malaysian Tide Tables 1992	Motion Smith Marine House	1992
39	Marine Chart, Offshore East Coast	Motion Smith Marine House	1986, 1989
40	Malaysia National Coastal Erosion Study, Final Report, Volume 1,	JPS HQ Library	1985
41	Malaysia National Coastal Erosion Study, Phase II Feasibility	JPS HQ Library	Jan. 1989
42	Topographic Map, Endau, Malaysia Nationwide Rivermouth Study	JICA	1975
43	State of Pahang Road Map	JKR Kuantan	1990

	Title	Source	Year
44	Stabilization of River-Mouths, The Pengkalan Datu Seaworks	JPS, Mersing	1990
45	Report on the Federation's Dredging, The Ports of Kota Baru, etc.	JPS, Mersing	1960
46	Hydraulic Study of Approach Channel, Kuala Besut Fishing Port,	JPS, Mersing	1979
47	Endau Ferry Jetty Plan Drawings	JKR	Apr-92
48	Endau Bridge Construction Site Profile (Drawing)	JKR	Apr-92
49	Endau Ferry Jetty Site Soil Profile	JKR	Apr-92
50	Endau Fishing Port Planning Site Water Supply Trunk Line Map	JKR	Apr-92
51	Endau Fishing Port Planning Site Electricity Supply Trunk Line Map	FDA, Mersing	Apr-92
52	Land Registered Map Endau (Fishing Port Planning Site)	Land Office, Mersing	Apr-92
53	Comparison of Soundings Alignment, Mersing, May 1980 and April 1982	JICA	Apr-92
54	Records of Rainfall Along the Endau River	JPS, Mersing	Apr-92
55	Request to Dredge in Endau Mouth, Jan. 27,1992	JPS, Mersing	Apr-92
56	Kuantan Fishing Port Drawing	JKR, KL	Apr-92
57	Advance in food research III,	UPM	Nov. 1990
58	Production and acceptability testing of fish crackers (Keropok) prepared by extrusion method	UPM	1981
59	The application of technology to the processing of dry-salted fish in peninsular Malaysia: Comparison of sun-dried and oven-dried fish,	UPM	1982
60	Intermediate technology for fish cracker (Keropok) production	UPM	1981
61	Perusahaan memproses keropok	MARDI	1983
62	Kursus teknologi memproses makanan	MARDI	1992
63	Laporan Prestasi Tahunan Pelabuhan Perikanan Chendering	LKIM Chendering	1991
64	Laporan Prestasi Kompleks Perikanan LKIM Pulau Kambing	LKIM P.Kambing	1991
65	Layout drawing of existing electric supply line neighboring the proposed site and information of electric supply system in Mersing	NEB	30-Apr-92
66	Layout drawing of existing water supply line neighboring the proposed site and information of water supply system in Mersing District	District office, Mersing	22-Apr-92
67	State of Johor Road Map	JKR HQ	
68	Consumer Price Index for Malaysia,	DOS	Dec 1991, Jul & Aug 1992
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71	Nama dan Alamat Pembekal Pengeluar Bahan Binaan	JKR, K.L	1992
72	Kos purata semeter persegi bagi kerja-kerja pembinaan bangunan	JKR, K.L	Jan - Jun 1992
73	Purata kadar harga yang ditawarkan	JKR, K.L	1989
74	Jadual kadar harga untuk kerja kecil and memperbaiki	JKR, K.L	1992
75	Data on Membina dan menyiapkan Kompleks Perikanan di Kampong Peramu, Kuantan, Pahang Darul Makmur	JKR, K.L	1988
76	Data on Projek Pembinaan Jeti Perikanan di Kukup, Pontian, Johor	JKR, K.L	1992
77	Data on Membina Jeti dan Tambatan Bot di Kompleks Perikanan Kampung Peramu Kuantan, Pahang Darul Makmur	JKR, K.L	1991
78	Data on Pembinaan Struktur Pendaratan Pengkalan Feri Johor - Singapura di Tanjung Belungkor, Johor Darul Takzim	JKR, K.L	
79	Data on Pembinaan Pengkalan Marin Polis di Kemaman, Terengganu	JKR, K.L	1992
80	Data on Pembinaan Jeti Kargo dan Kerja kerja Berkaitan di	JKR, K.L	1992
81	Data on Membina dan menyiapkan kemudahan pendaratan bot bagi ILPM di Chendering, Kuala Trengganu, Trengganu Darul Iman	JKR, K.L	1991

	Title	Source	Year
82	JKR Schedule of Rates (for use in lump sum contracts)	JKR, K.L	1985
83	Practical Guide to Customs Duties Order, All amendments up to 15th April 1992 including 1992 Budget	Published by MDC Sdn.Bhd	1992
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85	Cadangan Rangkaian / Perhubungan Komputer LKIM	LKIM	Sept., 1992
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90	LKIM Fish Market Information System	LKIM	April, 1992
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98	Strategies and Enforcement of Industrial Waste Water Control in Malaysia (A Case Study)	DOE	Sep-82
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100	Environment Quality Act 1974, Environmental Quality (Sewage and Industrial Effluents) Regulations	DOE	1979
101	Frequency of Fishing Boats Coming into Kuantan Fishing Port 1992	LKIM Kuantan	Sep-92
102	Proposed construction site and land map of the surrounding area	Mersing land Office	Sep-92
103	Table on drinking water tests of the Endau District	Water Dept. Mersing	Sep-92
104	Dynamic trunk line and the unit cost for construction of the substation	JKR	
105	A Handbook of Environmental Impact Assessment Guidelines	DOE	Oct. 1989
106	Map of District of Mersing	Survey Dept. Johor	1992
107	Pelan Jalan Bandar Mersing	Survey Dept. Johor	1992
108	Town Map of Endau	Survey Dept. Johor	1992
109	Area Map around the Mersing LKIM Complex	Mersing LKIM	Sept., 1992
110	Population of Town of Mersing/Endau	Mersing Town Office	Sept. 1992
111	Majlis Perasmian Jeti Mersing	Jabatan Laut Johor	Sept. 1992
112	A Study on Socio-economic Profile of Fishermen in Selected Areas	LKIM	Jun-86

