

TD/RP/20

December 1987

REPORT ON THE EIGHTH REGIONAL TRAINING COURSE
FOR
FISHERY EXTENSION OFFICERS IN MARINE FISHERIES EXTENSION METHODOLOGY
12 October to 25 November 1987



Submitted to
the Royal Government of the Netherlands
by
the Training Department
Southeast Asian Fisheries Development Center

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I. INTRODUCTION

The Training Department has conducted regional training programs for fishery extension officers since 1981, with assistance from the Royal Netherlands Government under the SIR/DSO Program. Seven training courses, with a total of 154 participants from ten countries in the South and Southeast Asian regions, were organized by the Department between 1981 and 1986.

Under its program for 1987, the Training Department organized the Eighth Regional Training Course for Fishery Extension Officers from 12 October to 25 November 1987. The emphasis of this course was placed on marine fisheries and extension methodology, which is of great importance to the countries in the South and Southeast Asian regions.

Invitations to nominate participants to the eighth training course were sent to twelve countries, i.e., Bangladesh, Brunei, Burma, India, Indonesia, Malaysia, Maldives, Pakistan, Philippines, Singapore, Sri Lanka and Thailand. Nine countries responded and sent participants to attend the course:

Bangladesh	2
Indonesia	2
Malaysia	4
Maldives	1
Pakistan	1
Philippines	4
Singapore	2
Sri Lanka	2
Thailand	<u>10</u>
Total	<u>28</u>

The list of participants and instructors is given as Annex A.

II. OBJECTIVES OF THE COURSE

The objectives of the Eighth Regional Training Course for Fishery Extension Officers were:

1. To train the fishery officers and fishery extension workers in the basics of marine fishing technology, coastal navigation and seamanship;

2. To familiarize the participants in extension methodology, as well as the development of communication media for extension services; and

3. To provide shipboard training and study/observation trips for participants on actual marine fishing practice and on the infra structures required for the development of fisheries.

III. COURSE OUTLINE

The curriculum of the Eighth Regional Training Course consisted of the following four subjects for classroom study and field practice:

1. Fishing Technology, Coastal Navigation and Seamanship (10 days)
 - 1.1 Fisheries in general
 - 1.2 Fishing gear in general
 - 1.3 Fishing gear design and construction
 - 1.4 Fishing methods
 - 1.5 Auxiliary fishing gear and equipment
 - 1.6 Coastal Navigation
 - 1.7 Seamanship
2. Extension Methodology (12 days)
 - 2.1 Fisheries extension services
 - 2.2 Fisheries extension concepts and philosophy
 - 2.3 Fisheries extension methodology
 - 2.4 Planing process in extension work
 - 2.5 Development of communication media
 - 2.6 Fishery cooperatives
3. Shipboard Training on Board M.V. PLATOO (10 days)
 - 3.1 Purse seine
 - 3.2 Gill net
 - 3.3 Bottom vertical longline
 - 3.4 Squid cast net
 - 3.5 Trap net

- 3.6 Trawl
- 3.7 Coastal navigation and seamanship
- 4. Study/Observation Trips (6 days)
 - 4.1 Fish Market Organization
 - 4.2 Fishing ports
 - 4.3 Fishing factory
 - 4.4 Net-making factory
 - 4.5 Ship yard
 - 4.6 Fishery cooperatives
 - 4.7 Fishing villages

IV. TRAINING PROGRAM

1. Lectures and Practices

Training was carried out with all facilities and resources being fully utilized, both on shore and at sea (see Training Schedule in Annex B). In general, the daily training began at 0900 hrs. on weekdays with classroom lecture and discussion till 1200 hrs. For the afternoon session, either the continuation of class lecture or workshop practice at net loft or experiments/tests at the laboratory from 1300-1600 hrs., were conducted. Lectures on theoretical subjects were occasionally followed either by demonstration in the workshop, on board the training vessel, or by field trips to relevant places, such as net-making factory, canning factory and cold storage. Ten days were spent at sea on board M.V. PLATOO, the 67 GT purse-seiner, and M.V. PLALUNG, the 19 GT wooden trawler, of the Training Department, to practise fishing gear operation, navigation and seamanship. (See Annex C for reference books and lecture notes employed in the course).

2. Field Trips

Various places related to fishing activities such as fishing villages in the provinces of Samut Sakhon, Samut Songkhram and Rayong; fishing communities with and without cooperatives; fish markets; fish processing plants; in Samut Prakarn, a net-making factory as well as a fish meal factory, were visited as follows:

17 October 1987 : 0600-1000 : Visited Fish Marketing Organization (FMO) in Bangkok. Briefing of the Organization's activities was given by the staff of FMO, who kindly took participants around to observe the fish landing and auction system of the Bangkok Fish Market of FMO.

1300-1500 : Visited Siam Brothers Co., Ltd., net-making factory in Phrapradaeng, Samut Prakarn, to observe the entire process of manufacturing fishing nets, i.e., twine making, net weaving, etc. The participants much appreciated the manager's willingness to transfer knowledge.

23 October 1987 0630-1600 : Visited the fishing port and the canning process of sardines in a canning factory in Samut Sakhon Province. Visited shrimp farm in Samut Songkhram Province to observe shrimp farming and discussed the methods with the manager of the farm.

7 November 1987 0900-1600 : Visited the Marine Science Institute of Srinakarinwirot University at Bang Saen, its aquarium and Marine Science Museum. Left Marine Science Institute for Pattaya in Chon Buri Province to visit the fishing port.

8 November 1987 0600 : Left SEAPDEC Training Department for Rayong Province to visit the Provincial Fishery Office. At 1000 hrs. visited the dried squid and fish sauce factories in Rayong. Visited fish meal plant in Ban Phe at 1330 hrs. Left Ban Phe at 1430 hrs., for Prasae Estuary, Rayong Province, to visit a fishing port, the Fishermen's Association, and the local fish market. Observed the local purse seiners, types and sizes of purse seines in use, crab gill net and squid lift net. Participants were also taken to a slip-way for the repair of local fishing boats. Overnight at Rayong.

3. Shipboard Training at Sea

A ten-day shipboard training in fishing operations and coastal navigation was carried out on board M.V. PLATOO, the 67 GT purse seiner and M.V. PLALUNG, the 19 GT wooden trawler. The cruising area was off Rayong Province and the area near Ko Chang, Trad Province.

M.V. PLATOO left the pier on 8 November 1987, as scheduled, and headed for Ban Phe, Rayong Province where all participants embarked on board on 9 November 1987 at 0900 hrs. Trap net and trawl net fishing operations as well as navigation and seamanship practice were carried out on 9 and 10 November. From 11 to 12 November, participants took part in bottom gill net and bottom vertical longline fishing operations. On 13 and 14 November all participants participated the squid fishing operations by cover-net and stick held dip net. On 15 November M.V. PLATOO and M.V. PLALUNG left Ban Phe for Ko Chang to carry out a purse seine fishing operation.

On the way navigation practices were conducted and all participants took part in daily activities on board. During the shipboard training both daytime and night-time fishing operations were carried out regardless of the normal rest periods. Participants disembarked from M.V. PLATOO and M.V. PLALUNG on 17 November at 1400 hrs. Overnight at Ban Phe, Rayong Province. M.V. PLATOO left Ban Phe at 1700 hrs. on 17 November and arrived at SEAFDEC pier at 0900 hrs. on 18 November 1987.

V. EVALUATION

The course evaluation, in which the participants cooperated by answering a questionnaire, proved to be constructive. Most of them were in favour of the present training arrangements. The results of the inquiry are shown in Annex D.

The majority of participant agreed that the course was beneficial to extension work, but noted that more time should be dedicated to practice in the workshop as well as to practice in audio-visual media. They also suggested adding some subjects such as oceanography, operation and maintenance of small engine and fishing boat in further courses.

In view of the comments and suggestion received, some slight modifications in the living conditions at the SEAFDEC Dormitory as regards food and beverages, and difficulties of communication with the local people during the study tours will be considered for future courses.

VI. CLOSING CEREMONY

The Closing Ceremony of the Eighth Regional Training Course for Fishery Extension Officers was organized by the Training Department at the Erawan Hotel in Bangkok on 25 November 1987. The Ceremony was presided over by the Ambassador of the Netherlands to Thailand, H.E. Mr. A.P. Van Walsum.

The Address of the SEAFDEC Secretary-General and the keynote address of H.E. the Ambassador at this Ceremony appears as Annexes E and F of this Report.

VII. CONCLUSION

In general, it can justly be considered that all the objectives of the training were achieved. Participants were satisfied with their six-week stay and training at the SEAFDEC Training Department. They all agreed that the course had provided valuable knowledge for the work of an extension officer. Although some of the participants were not directly concerned with extension services when they joined the course, they expressed the view that the knowledge gained was beneficial and could be applied not only to the field of fishery extension but also to their present work.

To conclude this report, it can be said that the Eighth Extension Course was conducted satisfactorily, all the objectives having been achieved.



H.E. Mr. A.P. Van Walsum presented the Certificate of Achievement to the participant at the Closing Ceremony



The participants to the 8th Regional Training Course for Fishery Extension Officers organized by the SEAFDEC Training Department

LIST OF PARTICIPANTS AND INSTRUCTORS

A. Participants

BANGLADESH

1. Mr. Ratan Datta
Upazila Fisheries Officer
Sonagazi, Feri, Village-Nalua
P.O. Boaliabari, Dist. Chandpur
Bangladesh
2. Mr. Milan Kanti Paul
Upazila Fisheries Officer
Kutuldia Cox's Bagar
Vill. Kalipur P.O. Izzatuagar
Upazila Banskhali, Chittagong
Bangladesh

INDONESIA

1. Mr. Djapri Abdullah
Chief, Fisheries Production
Sub-Division
Directorate General of Fisheries
Department of Agriculture
Fisheries Service, Jl. Sutan Syahrir
Pontianak, West Kalimantan Province
Indonesia
2. Mr. Agus Surono
Directorate of Planning
Directorate General of Fisheries
Department of Agriculture
Kampus Deptan, Bld. B 5th Floor
Jl. Harsono RM 3 Ragan Pasar
Jakarta Selatan
Indonesia

MALAYSIA

1. Mr. Mohd, Yakop Ibrahim
Senior Fisheries Assistant
Department of Fisheries
P.O. Box 395
87008 Labuan F.T.
Malaysia
2. Mr. Kakak Anak Luhin
Fisheries Assistant
Marine Fisheries Department, Sarawak
P.O. Box No. 1375
93728 Kuching, Sarawak,
Malaysia
3. Mr. Azman Abidin
Fisheries Assistant
Kedah/Perlis Fisheries Department
Tingkat 5, Wisma Persekutuan,
Jalan Kampung Baru,
05000 Alor Setar, Kedah
Malaysia
4. Mr. Musa bin Ariffin
Fisheries Assistant
Department of Fisheries
Ministry of Agriculture
Jalan Mahameru 50428,
Kuala Lumpur, Malaysia

MALDIVES

1. Mr. Adam Rasheed
Ministry of Fisheries
Ghazee Building
Male 20-05,
Republic of Maldives

PAKISTAN

1. Mr. Syed Mohammad Zafar Imam
Assistant Director (Marine)
Marine Fisheries Department
III-G, 3/13 Nazimabad
Karachi, Pakistan

PHILIPPINES

1. Mr. Job E. Castillo
Junior Fishery Technologist
Department of Agriculture
BFAR - 10
Plaridel, Misamis Occidental,
Mindanao, Philippines
2. Mr. Urbano G. Peliotes
Junior Fishery Technologist
Department of Agriculture
BFAR - 8, Tacloban,
Northern Samar, Philippines
3. Mr. Juan C. Pamulaklakin
Junior Fishery Technologist
Department of Agriculture
BFAR, PFO, Dalahican,
Lucena City,
Philippines
4. Mr. Lorenzo B. Biron
Junior Fishery Technologist
Department of Agriculture
BFAR - 5, Tabaco,
Albay, Philippines

SINGAPORE

1. Mr. Ho Ngiap Yong
Assistant Primary Production Officer
Primary Production Department
Jurong Fishing Port and Central Fish Market
Fishery Port Road
Singapore 2261
Republic of Singapore
2. Mr. Ang Siew Pong
Assistant Primary Production Officer
Primary Production Department
Punggol Fishing Port
344, Punggol Port Road,
Singapore 1953
Republic of Singapore

SRI LANKA

1. Mr. Saminathan Alfred Joseph
District Fisheries Inspector
c/o G. Pernpanayagam
Heketta Road
Wattala, Sri Lanka
2. Mr. Andrabadu Kurundu Patabendige Sonnie
District Fisheries Extension Officer
26 - Medaketiya
Tangalle
Sri Lanka

THAILAND

1. Mr. Sayun Aiemrod
Fishery Biologist
Chumphon Fishery Office
Department of Fisheries
A. Muang, Chumphon 86000
Thailand
2. Mrs. Wilailux Premkit
Fishery Biologist
Marine Fisheries Division
Department of Fisheries
89/1 Soi Sapan Pla
Yannawa, Bangkok 10120
Thailand
3. Mr. Danai Plukmontol
Fishery Biologist
Marine Fisheries Division
Department of Fisheries
89/1 Soi Sapan Pla
Yannawa, Bangkok 10120
Thailand
4. Mr. Samran Suriyaprapha
Assistant Scientist
Exploratory Fishing Division
Department of Fisheries
Srisamut Road, A. Muang
Samutprakarn 10270
Thailand

5. Mr. Potchana Boonyanate
Marine Fishery Biologist
Phuket Marine Biological Center
P.O. Box 60
A. Muang, Phuket 83000
Thailand
 6. Mr. Kamonphun Awaiwanont
Marine Fishery Biologist
Phuket Marine Fisheries Station
Department of Fisheries
A. Muang, Phuket 83000
Thailand
 7. Miss Jutamas Yossing
Marine Fishery Biologist
Marine Fisheries Division
89/1 Soi Sapan Pla
Yannawa, Bangkok 10120
Thailand
 8. Miss Chinda Nakrobruh
Marine Fishery Biologist
Marine Fisheries Division
89/1 Soi Sapan Pla
Yannawa, Bangkok 10120
Thailand
 9. Mr. Peera Aksomboon
Fishery Biologist
Phuket Marine Fisheries Station
Department of Fisheries
A. Muang, Phuket 83000
Thailand
 10. Miss Teresa Sofia Bettencourt
Department of Fisheries Management
Faculty of Fisheries
Kasetsart University
Bangkhen, Bangkok 10900
Thailand
-

B. Instructors

I. Training Department Staff

1. Mr. Somyos Soodhom
Head of the Training Division
2. Mr. Prasert Masthawe
Head of Ship Division
3. Mr. Somnuk Pornpatimakorn
Head of Training Aids Unit
Training Division
4. Mr. Bundit Chokesanguan
Acting Head of Fishing Technology Section
Training Division
5. Mr. Masato Oishi
Masterfisherman and Instructor of Navigation
Ship Division
6. Mr. Yutaka Matsunaga
Instructor of Fishing Gear Technology
Training Division
7. Mr. Kungwan Juntarashote
Head of Statistics and Socio-economics Section
Research Division
8. Mr. Aussanee Munprasit
Head of Fishing Gear Technology Section
Research Division
9. Mr. Hiroaki Yonesaka
Fishery Socio-economist
Research Division
10. Mr. Sutee Rajruchithong
Captain of M.V. PLATOO
Ship Division

II. Guest Lecturers

1. Dr. Direk Rerkrai
Associate Professor
Institute of Extension & Training
Kasetsart University
Bangkhen, Bangkok 10900
 2. Dr. Boontham Chitanan
Associate Professor
Institute of Extension & Training
Kasetsart University
Bangkhen, Bangkok 10900
 3. Mr. Suchoti Daosukho
Instructor
Institute of Extension & Training
Kasetsart University
Bangkhen, Bangkok 10900
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**Program of the 8th Regional Training Course
for
Fishery Extension Officers in Marine Fisheries Extension Methodology**

Course : Marine Fisheries Extension Methodology

Duration : 45 days (12 October to 25 November 1987)

Schedule :

12 October (Mon.)

- 1000-1200 : Opening Ceremony
(Mr. Kazuo Inoue, Deputy Chief of the
Training Department)
- 1300-1600 : Course Orientation and Audio-visual show
(Messrs. Somyos Soodhom and Somnuk
Pornpatimakorn)

13 October (Tue.)

- 0900-1200 : Fisheries in General
(Mr. Somyos Soodhom)
- 1300-1600 : Basic Fishing Gear Technology
(Mr. Bundit Chokesanguan)

14 October (Wed.)

- 0900-1200 : Purse Seine Fisheries
(Mr. Prasert Masthawe)
- 1300-1600 : Net Mending and Repairing
(Mr. Prasert Masthawe)

15 October (Thur.)

- 0900-1200 : Trawl Fisheries
(Mr. Bundit Chokesanguan)
- 1300-1600 : Rope and Wire Splicing
(Mr. Bundit Chokesanguan)

16 October (Fri.)

- 0900-1200 : Gill Net Fisheries
(Mr. Somyos Soodhom)
- 1300-1600 : Spanish Mackerel Gill Net Making
(Mr. Somyos Soodhom)

17 October (Sat.)

- 0700-1000 : Visit Fish Marketing Organization
(Messrs. Bundit Chokesanguan and
Mr. Yattana Theparoonrat)
- 1300-1500 : Siam Brothers Net Making Co., Ltd.
(Messrs. Bundit Chokesanguan and
Mr. Yattana Theparoonrat)

18 October (Sun.)

- 0900-1600 : Excursion to Bangkok
(Messrs. Suppachai Ananpongsuk and
Sujin Sae-ung)

19 October (Mon.)

- 0900-1200 : Coastal Navigation
(Mr. Masato Oishi)
- 1300-1600 : Coastal Navigation
(Mr. Masato Oishi)

20 October (Tue.)

- 0900-1200 : Line Fisheries
(Mr. Yutaka Matsunaga)
- 1300-1600 : Bottom Vertical Longline Making
(Mr. Yutaka Matsunaga)

21 October (Wed.)

- 0900-1200 : Fisheries Extension Services in National Development
(Mr. Kungwan Juntarashote)
- 1300-1600 : Small-Scale Fisheries : The Target Group
(Mr. Kungwan Juntarashote)

22 October (Thu.)

- 0900-1200 : Auxiliary Fishing Gear
(Mr. Masato Oishi)
- 1300-1600 : Model Net and it's Experiment in Water Tank
(Mr. Bundit Chokesanguan)

23 October (Fri.)

- 0630-1600 : Visit Fishing Port, Fishing Factories and Shrimp Farms
(Messrs. Bundit Chokesanguan and Suppachai Ananpongsuk)

24 October (Sat.)

- 0900-1600 : Excursion to Ayudhaya Ancient City and Bang Pa-in Palace
(Messrs. Somnuk Pornpatimakorn and Suppachai Ananpongsuk)

25 October (Sun.)

- Free -

26 October (Mon.)

- 0900-1200 : Acoustic Equipments
(Mr. Sutee Rajruchitong)
- 1300-1600 : Seamanship
(Mr. Sutee Rajruchitong)



27 October (Tue.)

- 0900-1200 : Lift Net and Cast Net Fisheries
(Mr. Aussanee Munprasit)
- 1300-1600 : Squid Cast Net Making
(Mr. Aussanee Munprasit)

28 October (Wed.)

0900-1200 : Miscellaneous Fisheries
(Mr. Aussanee Munprasit)

1300-1600 : Making of Collapsible Trap Net
(Mr. Aussanee Munprasit)

29 October (Thu.)

0900-1200 : Fishery Cooperative : Structure and
Function of a Fishery Cooperatives
(Mr. Hiroaki Yonesaka)

1300-1600 : Fishery Cooperative : Fishery Cooperative
Business & Prospects, and Problems in
Fishery Cooperative Development
(Mr. Hiroaki Yonesaka)

30 October (Fri.)

0900-1200 : Fishery Extension : Education Concepts
(Dr. Direk Rerkrai)

1300-1600 : Fishery Extension : Philosophy and
Principles
(Dr. Direk Rerkrai)

31 October (Sat.)

0900-1600 : Excursion to the Floating Market and
Nakhon Pathom Province
(Messrs. Somnuk Pornpatimakorn and
Suppachai Ananpongsuk)

1 November (Sun.)

0900-1600 : - Free -

2 November (Mon.)

0900-1200 : Problem Identification and Strategy
Formulation
(Mr. Suchoti Daosukho)

1300-1600 : Some Problems of Asian Extension Work
(Mr. Suchoti Daosukho)

3 November (Tue.)

- 0900-1200 : Extension Program : Program Planning
(Dr. Boontham Chitanan)
- 1300-1600 : Extension Program : Programming and
Processing
(Dr. Boontham Chitanan)

4 November (Wed.)

- 0900-1200 : Development of Communication
(Mr. Somnuk Pornpatimakorn)
- 1300-1600 : Media Design and Development
(Mr. Somnuk Pornpatimakorn)

5 November (Thu.)

- 0900-1200 : Slide and Sound Slide for Extension Work
(Mr. Somnuk Pornpatimakorn)
- 1300-1600 : Preparation of Graphic Media
(Mr. Somnuk Pornpatimakorn)

6 November (Fri.)

- 0900-1200 : Cruise Orientation
- 1300-1600 : - Free -

7 November (Sat.) :

- 1000-1200 Visit Marine Science Center in Chonburi
Province
(Messrs. Aussanee Munprasit and
Suppachai Ananpongsuk)
- 1300-1600 - Free -

8 November (Sun.)

- 0900-1600 : Visit Fishing Village, Shipyard, Fish
Mill Factory in Rayong Province
(Messrs. Aussanee Munprasit and Suppachai
Ananpongsuk)

9 November (Mon.) to 18 November (Wed.)

0900 : All participants on board M.V. PLATOO,
left the Pier at 0930 hrs. for Shipboard
Training

1. Fishing Operations

- 1.1 Purse Seine
- 1.2 Gill Net
- 1.3 Bottom Vertical Long Line
- 1.4 Squid Cast Net
- 1.5 Trap Net
- 1.6 Trawl

2. Coastal Navigation

- 2.1 Locating Ship's Position by
magnetic compass, cross bearing,
direction finder, radar, dead
reckoning
- 2.2 Chart reading practice, applica-
tion of chart to actual coast
line and land marks

3. Seamanship

- 3.1 Safety of Life at Sea
- 3.2 Ship Handling

M.V. PLATOO arrived at SEAFDEC pier
at 0900 hrs. on 18 November (Wed.)

19 November (Thu.)

0900-1200 : Development of Communication Media for
Extension Work
(Mr. Somnuk Pornpatimakorn)

1300-1600 : - ditto -

20 November (Fri.)

0900-1200 : Development of Communication Media for
Extension Work
(Mr. Somnuk Pornpatimakorn)

1300-1600 : - ditto -

21 November (Sat.)

0900-1600 : Development of Communication Media for
Extension Work
(Mr. Somnuk Pornpatimakorn)

22 November (Sun.) - Free -

23 November (Mon.)

0900-1200 : Development of Communication Media for
Extension Work
(Mr. Somnuk Pornpatimakorn)

1300-1600 : - ditto -

24 November 1987 (Tue.)

0900-1600 : - ditto -

25 November 1987 (Wed.)

0900-1100 : Presentation of the Outputs
(Mr. Somnuk Pornpatimakorn)

1100-1200 : Course Evaluation
(Mr. Somyos Soodhom)

1800-2100 : Closing Ceremony
(Dr. Veravat Hongskul, Chief of the
Training Department)

LIST OF DOCUMENTS

- | | | |
|-----------|----|---|
| EXT/87/LN | 1 | Fisheries in General
(Mr. Somyos Soodhom) |
| | 2 | Basic Fishing Gear Technology
(Mr. Bundit Chokesanguan) |
| | 3 | Purse Seine Fisheries
(Mr. Prasert Masthawe) |
| | 4 | Net Mending and Repairing
(Mr. Prasert Masthawe) |
| | 5 | Trawl Fisheries
(Mr. Bundit Chokesanguan) |
| | 6 | Rope and Wire Splicing
(Mr. Bundit Chokesanguan) |
| | 7 | Gill Net Fisheries
(Mr. Somyos Soodhom) |
| | 8 | Lift Net and Cast Net Fisheries
(Mr. Aussanee Munprasit) |
| | 9 | Line Fisheries
(Mr. Yutaka Mutsunaga) |
| | 10 | Miscellaneous Fisheries
(Mr. Aussanee Munprasit) |
| | 11 | Auxiliary Fishing Gear
(Mr. Masato Oishi) |

- EXT/87/Ref. 1 BOTHAM, C.N., 1976. Audio-Visual Aids for Cooperative Education and Training, FAO, Rome. 99 pp. (TD/LN/35)
- 2 BRADFIELD, D.J. 1966. Guide to Extension Training, FAO, Rome. 171 pp. (TD/LN/55)
- 3 NEDELEC, C. 1982. Definition and Classification of Fishing Gear Categories, FAO, Rome. 51 pp. (TD/LN/70)
- 4 THOMSON, David B. 1979. Marine Fisheries Extension. 43 pp. (TD/LN/3, Rev. 1)
- 5 JUNTARASHOTE, Kungwan and Suchote DAOSUKHO, 1986. Handbook for Fishery Extension Workers in South-east Asia. 103 pp. (TD/CIR/28)
- 6 Fishery Statistical Bulletin for South China Sea Area 1984. 231 pp. (SEC/ST/13)
- EXT/87/Inf. 1 General Information and Dormitory Regulations for the Participants in the Eighth Regional Training Course for Fishery Extension Officers in Marine Fisheries Extension Methodology, 12 October to 25 November 1987.

Results of Evaluation

I. Inquiry by questionnaire

1. Training duration:
 - Too short (11) Too long (1) Fair (13)
2. Number of subjects.
 - Too many (3) Too few (0) Fair (22)
3. The content of subjects.
 - Too brief (2) Too long (1) Appropriate (22)
4. Method of training.
 - Need more theory (0) Need more practice (12) Efficient (13)
5. Comment on training facilities, training site etc.
 - 1) Training facilities are well equipped (14)
 - 2) Training site is also good (12)
 - 3) Training site is too far from town (1)
 - 4) Excellent (3)
 - 5) Behaviour of SEAFDEC's instructors and staff are very kind (1)
 - 6) No comment (8)
6. Is there any other subject which, in your opinion, should be included for fishery extension in Marine Fisheries Extension Methodology.
 - Yes : (10)
 - 1) Bag net fisheries (1)
 - 2) Oceanography (3)
 - 3) Fishing boat (1)
 - 4) Fish handling & processing and preservation (2)
 - 5) Fish stock assessment(1)
 - 6) Operation and maintenance of small engine (1)
 - 7) Coastal aquaculture (1)
 - No : (15)

7. Is there any subject of this course which you feel does not directly concern your field of work as an extension officer.

Yes : (0)

No : (25)

8. Are study-trips to places related to fishery beneficial to you. If so in what respect? Please comment.

Yes : (25)

- 1) We gained a lot of knowledge in fish marketing systems, fish handling and status of fishermen (3)
- 2) We gained knowledge in shrimp culture techniques (1)
- 3) We have a clearer picture of the daily life of small-scale fishermen in Thailand (4)
- 4) It is very important to our extension work (1)

9. What fishing gear are mostly used in your local area of operation?

- 1) Gill nets (16)
- 2) Trawl (12)
- 3) Purse seine (10)
- 4) Longlines (8)
- 5) Traps (6)
- 6) Hook and line (3)
- 7) Beach seine (3)
- 8) Bag net (3)
- 9) Pole and line (2)
- 10) Danish seine (1)
- 11) Lift net (1)
- 12) Cast net (1)
- 13) Squid cast net (1)

10. Back at home, will you continue to work in the field of fishery extension?

Yes : (17)

No : (8)

11. If not, to what field are you expecting to be posted?

- 1) Marine fisheries biologist (5)
- 2) Fishery enforcement officer (1)
- 3) Fishing port and marketing management officer (1)
- 4) Assistant to biologist (1)

12. What part of year (month) is most suitable to your home office for dispatching participants to take part in such a course abroad?

- 1) Any month (16)
- 2) October - December (5)
- 3) June - July (2)
- 4) January - February (1)
- 5) April - May (1)

13. Comments on the life at SEAFDEC/TD dormitory.

- 1) Very good (15)
- 2) Food is very delicious (6)
- 3) Lunch time should be longer (1)
- 4) Need more sport facilities (1)
- 5) Food quality is not consistent (2)

II. Additional comments by participants during the discussion on 25 November 1987:

- 1) Coffee and tea should also be available during lunch and dinner.
- 2) Difficult to communicate with the local people when we were at restaurants outside the Center during the study trips.
- 3) Food served was too oily.

14. Suggestions for course improvement.

- 1) Need more lecture period for navigation and acoustic equipments (2)
- 2) Need more practice in development of communication and media design especially the audio visual aids (3)

- 3) Need more lecture periods for all subjects (1)
- 4) Need more study trips (1)
- 5) The duration of the course should be extended to three months (2)
- 6) It would be better if marine engine maintenance was included in the course (1)
- 7) The emphasis of the course should be placed on extension methodology and communication techniques (Audio visual media) (1)
- 8) Need more practice in workshop (1)

III. Additional comments by participants during the discussion on 25 November 1987:

- 1) Need more practice in communication media design techniques.
- 2) It would be better if the subject of resources conservation, oceanography, fish handling & processing and maintenance of small engine were included in the course.
- 3) Need more detailed subjects in audio visual aids.
- 4) Need more practice in shipboard training.
- 5) It would be perfect if the course duration was extended.

ADDRESS

by

DR. VERAVAT HONGSKUL
Secretary-General
Southeast Asian Fisheries Development Center

*Your Excellency Mr. Ambassador; Mr. Director-General;
Distinguished Guests; Participants; Ladies and Gentlemen:*

On behalf of the Southeast Asian Fisheries Development Center, it gives me great pleasure to welcome you to the Closing Ceremony of the Eighth Regional Training Course for Fishery Extension Officers, organized by the SEAFDEC Training Department from 12 October to 25 November 1987.

The participants in this course have come from 9 countries in South and Southeast Asia, namely Bangladesh, Indonesia, Malaysia, Maldives, Pakistan, the Philippines, Singapore, Sri Lanka and Thailand. Altogether 28 participants have attended this course. It is regrettable that Burma, Brunei Darussalam and India could not send any participants to the course as invited by SEAFDEC. Nevertheless, the number of graduates in this series of training courses, which have been organized by the Department since 1981, totals 188.

This training program was made possible for the benefit of all countries, in particular the non-member countries in the regions, through the kind assistance of the Royal Government of the Netherlands.

Mr. Ambassador, I have the honour to inform you that, at the Twentieth Meeting of the SEAFDEC Council of Directors, which is the supreme organ of our organization, held in Manila last week, the Council expressed appreciation to your government for the continued support to the regional training courses for fishery extension officers, courses which are much needed to assist Member Countries in their fishery extension programs. I am sure that the fishermen in the Netherlands will also be pleased to learn that part of their taxes has been wisely used to assist thousands of fishermen in South and Southeast Asia to enhance their skills in fishing and bring some improvement to their hard life. The Training Department therefore wishes to record its sincere gratitude for this timely assistance, which it hopes may be continued in the years to come.

As for the participants in this eighth regional course, please accept our sincere congratulations on your graduation. Although a training period of only 45 days is too short to go fully into all the matters outlined in the course, I am sure that these six weeks will have been useful for your future work as fishery extension officers concerned with marine fisheries in your countries. Please remember that, to be a good extension officer, one needs to look at the issues at hand with an open mind. You will learn in the course of time the needs of the poor fishermen on the one hand and the programs for assistance or for response to such needs set up by your governments on the other. The difficulty is how these two "hands" can meet and accommodate the thousand more hands that are calling for attention and assistance. I am pleased to inform you that we, SEAFDEC, are willing to help you in this matter. I hope therefore to hear from you in the future as to how we can help you.

With these final remarks, I now have the honour to invite H.E. Mr. van Walsum, Ambassador of the Netherlands to Thailand, to present the certificates of achievement to the participants and then to address a few words to them on the occasion of their graduation.

ADDRESS

by

H.E. MR. A.P. VAN WALSUM
Ambassador of the Netherlands to Thailand

*Mr. Director-General, Mr. Secretary-General, Distinguished
Guests; Participants; Ladies and Gentlemen:*

I am deeply honoured to have been invited to preside over the Closing Ceremony of the Eighth Regional Training Course for Fishery Extension Officers in Marine Capture Fisheries. I had been invited for similar ceremonies in the past, but for some reason until now SEAFDEC and the Netherlands Embassy have never been very successful in coordinating their programmes. Against that background I am all the more pleased that my first appearance at SEAFDEC coincides with its twentieth anniversary.

I owe the honour of speaking to you today to the Netherlands SIR programme, recently renamed the Programme of direct support for training institutes in developing countries. Although in the Netherlands we know a thing or two about fisheries ourselves, this programme does not deal with the transfer of know-how from the Netherlands; its purpose is to facilitate the sharing of know-how among developing countries. In other words, the expertise shared through SEAFDEC is regional expertise.

The funding of institutions which facilitate the mutual transfer of know-how among third parties is a relatively new phenomenon in the history of development cooperation. From a developmental point of view it has the advantage of being pure; one can hardly imagine a way in which the donor country could secretly be reaping benefits under the guise of disinterested aid. From a practical point of view, however, that may precisely be its drawback: it is so unselfish that it will probably never develop into a major instrument of transfer of know-how.

I cannot resist the temptation of injecting this element of personal philosophy, because only the day before yesterday I participated in the opening of a Netherlands trade exhibition devoted to all stages of the dairy industry, and although all the participants in that exhibition had travelled to Thailand with the purpose of making money, I was surprised to see how much actual transfer of know-how the exhibition was likely to bring about.

In this country the Netherlands has been involved in the transfer of know-how for the last 380 years. It was in 1608 that the Siamese King Ekathotsarot was so impressed by our skill in shipbuilding that he sent a delegation to Amsterdam and The Hague. We are still very proud of the fact that the Netherlands was the sole destination of the first Siamese mission ever to venture outside Asia. At around the same time we established a trading station in Ayutthaya, which continued to function until the destruction of that city by the Burmese in 1767.

The records of that trading station were shipped to Batavia on a regular basis and have accordingly remained intact. What they show is an almost continuous debate on the uneasy relationship between trade and the transfer of know-how. The only striking difference between then and now is that in the seventeenth century trade was the only thing that ultimately mattered. If know-how was transferred this was done on the understanding that sooner or later the Siamese would either reciprocate by allowing us to conclude some profitable transactions or even in the expectation that this know-how would create new demands which could be met by products only we could supply.

But in spite of the crudest self-interest being the point of departure, some remarkably sophisticated forms of transfer of know-how (one is tempted to use the modern word 'aid') were the result. In the 1660s there were times at which the transfer of know-how conducted by our trading station in Ayutthaya exceeded in value and importance the actual trade for which the station was responsible. The Dutch offered the Siamese assistance in the making of guns, gunpowder, bricks, cement and enamel, and the Governors of the East India Company in Amsterdam repeatedly voiced criticism of these activities, claiming that there was no point in granting so much assistance to the Siamese if they did not give us more business in return. Inversely, the Siamese King Narai often blamed the Dutch for holding back on the transfer of the latest expertise and putting him off with obsolete equipment and working methods. Our records show that this accusation was probably justified: we were reluctant to hand over know-how that might result in our becoming superfluous, and there was some know-how, especially in the military field, that we did not want to transfer at all. But King Narai apparently always got his way, simply by making it plain to us that if we were not more forthcoming he would be glad to turn to the French.

All this goes to show that the relationship between trade and aid has always been an extremely complex one, and that it has never been wise to draw sharp distinctions in this field. I have so far hardly spoken about fisheries, and I sincerely believe that in avoiding that subject I have acted wisely, for in the first place I know almost nothing about it, and in the second place this is a closing ceremony so you must have heard more than enough about it already. But allow me to congratulate you on your having participated in this eighth regional training course and to express the hope that you, the people you work with and the countries you represent will benefit by the expertise you have acquired.