

# **Regional Training Course on Monitoring Control and Surveillance (MCS) in Combating IUU fishing in Southeast Asia**

## **1. Background**

During the past decade the incidences of Illegal, Unreported and Unregulated (IUU) fishing have grown at an alarming rate within the Convention and adjacent areas. IUU fishing depletes fish stocks, hampers resource management efforts by Regional Fisheries Management Organizations (RMFOs) or national governments, destroys marine habitats, distorts competition, puts honest fishers at an unfair disadvantage, and weakens coastal communities, particularly in developing countries. Furthermore, IUU fishing leads to the loss of both short and long-term social and economic opportunities and could have negative impact on food security.

Countries in the Southeast Asia are confronted by increasing pressure on their fisheries resources from IUU fishing. In many cases, IUU operations expand due to weak Monitoring Control and Surveillance (MCS) regime and IUU fishers exploit this situation to their gain. The causes of weak MCS are broadly the lack of enforcement due to manpower and budgetary shortages with the implementing agencies and adequate knowledge and understanding of the IUU fishing by the government agencies, fishers and others stakeholders concerned.

To address this weakness, the Plan of Action on Sustainable Fisheries for Food Security for the ASEAN Region Towards 2020 agreed to

1) Establish and strengthen regional and sub-regional coordination on fisheries management and efforts to combat IUU fishing including the development of regional/sub-regional MCS networks; and

2) Facilitate consultative dialogue among fisheries legal officers to share, at the sub-regional/regional level, perspectives of the respective legal and regulatory framework in terms of developing MCS-networks and to implement efforts to combat IUU fishing including development of programs, projects and activities for implementation of the Resolution in the region.

In view of the above resolution in the Plan of Action, a Regional Training Course (RTC) on Monitoring Control and Surveillance (MCS) in Combating IUU Fishing in Southeast Asia is planned to be conducted. The overall objectives of the RTC is to **understand the importance of MCS in combating IUU fishing, share knowledge and strengthen networking to overcome the problem, in the region.**

## **2. Duration and venue**

The RTC on MCS in Combating IUU Fishing in Southeast Asia will be held from 5-16 March 2012 at the Training Department of the Southeast Asian Fisheries Development Center (SEAFDEC) at, Samut Prakan Province, Thailand.

### **3. Program Description**

The RTC on MCS in Combating IUU Fishing in Southeast Asia will focus on the following key areas:

1. To understand MCS system in term of its approaches, appropriated procedures and methods as well as the lesson learnt from the experience of other countries, within and outside the Asian region;
2. To review the present status of MCS system in each of SEAFDEC member countries; and
3. To make an assessment of the requirements to strengthen MCS system in the SEAFDEC member countries and in the ASEAN region as a whole taking into consideration the existing financial and human resource constrains.

The RTC will comprise lectures, field visit on various aspects of MCS and two days of practical workshop. The tutorials and practical will also include exposure to replicable models, orientation on best practices to establish and implement MCS, and case studies from selected countries within and outside the region. In short the RTC will be organized in three modules- theory, practical (including field exposure), and conceptual aspects. The RTC will be conducted in English language and the course material will also in English.

### **4. Course Objectives**

The objectives of RTC on MCS in Combating IUU Fishing in Southeast Asia are as follows:

1. To strengthen awareness and knowledge of the participants on the impact of IUU fishing on sustainable fisheries and food security in the world in general and the ASEAN region in particular;
2. To familiarize the participants on the importance of MCS in fisheries management
3. To build the capacity of the participants in better understanding the MCS framework and its implementation process; the legal and administrative requirements for sustainable fisheries management, including co-management and locally-based fisheries management;
4. To review the present status of MCS system and in each of the SEAFDEC member-countries and the ASEAN region as a whole; and
5. To encourage the participants in applying the existing concepts and approaches on fisheries management for MCS planning and developing simple management plans incorporating MCS functions as applicable to their country, bearing in mind the funding and human resource constraints.

### **5. Eligible Participants**

Fisheries managers or Fisheries officers engaged in fisheries management and or MCS function in their respective countries. As the course will be conducted in English language, it is essential that the participants have a good working knowledge of English language.

## **6. Course Contents**

### **1) Introduction**

- a. Overview of global IUU fishing problems including the movement of IUU fishing vessels into the waters of countries with weak MCS regime and the impact on their sustainable fisheries development and food security.
- b. Result of Experts Meeting on Fishing Licenses and Boat Registration and others Related Meeting in Southeast Asia
- c. MCS implementation in Southeast Asia
  - i. Understanding MCS system and its implementation process
  - ii. Application of MCS as a tool for fisheries management (experience from Southeast Asia)
  - iii. Approaches of MCS in commercial and small-scale fisheries
  - iv. Factors and keys requirements in successful integration of MCS in fisheries management
  - v. Introduction to FAO Port State Measures Agreement
  - vi. Implementing cost-effective MCS programs, especially under funding and human resource constraints.
  - vii. Framework of legal and administrative requirements for sustainable fisheries management
  - viii. Vessel Monitoring System and its Application
  - ix. Responsible Fishing and Practices
  - x. Good Governance in Fisheries Management

### **2) Case Studies from Southeast Asia and Japan**

- a. Effective enforcement mechanism and implementation of MCS-Case studies from Japan, Malaysia, Indonesia, Philippines and Thailand.

### **3) Practical Workshop**

- a. Short introduction on MCS situation in each member country
- b. Building a Plan of Action on MCS system in each member country (taking into consideration the funding and human resource constraints).

### **4) Field visits**

- a. Visit to Fisheries Administration and Management Bureau, DOF/Thailand (Topics to be covered include marine fisheries management, licensing and enforcement systems, etc)
- b. Visit to Phetchaburi Province for witnessing Application of MCS in inland and coastal fisheries of Thailand (Visit Kaengkrajan Dam Inland Fishery Administrative and Management Station.
- c. Visit to Samut-sakorn Fishing Port and Talay Thai Fish Market.

## 7. Tentative Program

Date	Time (hrs.)	Activities/Subjects	Resource Person
5 March (Mon.)	0900-0930	An introduction to SEAFDEC	Course staff
	0930-1200	Opening Ceremony and observation of SEAFDEC's facilities	SG, DSG, senior staff, division heads, course staff and staff concerns
	1200-1300	Lunch	
	1330-1530	Course Orientation and Expectation	Mr. Bundit C and Ms. Panitnard T.
	1530-1630	Introductions (Getting to know each other)	Ms. Panitnard T. and Ms. Arpaporn
6 March (Tue.)	0900-1200	Overview of fisheries management and IUU fishing in Southeast Asia	Dr. Somboon S.
	1200-1300	Lunch	
	1300-1500	Result of Experts Meeting on Fishing Licenses and Boat Registration and others Related Meeting in Southeast Asia	Mr. Bundit C.
	1500-1600	Responsible Fishing and Practices	Mr. Bundit C.
7 March (Wed.)	0900-1200	Framework of legal and administrative requirements for sustainable Fisheries Management	Ms. Pongthong Onoora
	1200-1300	Lunch	
	1300-1600	Approaches of MCS in commercial and small-scale fisheries	Ms. Pongthong O.
8 March (Thu.)	0700	Leave SEAFDEC/TD for Phetchaburi Province	Course staff
	1030-1400	Visit to Phetchaburi Province for witnessing Application of MCS in inland and coastal fisheries of Thailand (Visit Kaengkrajan Dam Inland Fishery Administrative and Management Station.	Course staff
	1430	Leave Phetchaburi Province for SEAFDEC/TD	Course staff
9 March (Fri.)	0900-1200	Understanding MCS system and its implementation process	Dr. Yugraj Yadava
	1200-1300	Lunch	
	1300-1600	Application of MCS as a tool for fisheries management (experience from South Asia)	Dr. Yugraj Y.
10 March (Sat.)	0800-1600	Visit Samut-sakorn Fishing Port and Talay Thai Fish Market	Course Staff
11 March (Sun.)	Free		

<b>Date</b>	<b>Time (hrs.)</b>	<b>Activities/Subjects</b>	<b>Resource Person</b>
12 March (Mon.)	0900-1200	Overview of global IUU fishing problems including the movement of IUU fishing vessels into the waters of countries with weak MCS regime and the impact on their sustainable fisheries development and food security.	Mr. Nomura
	1200-1300	Lunch	
	1300-1500	Effective enforcement mechanism and implementation of MCS- Case studies in Japan	Dr. Miyata Tsutomi
	1500-1700	Factors and keys requirements in successful integration of MCS in fisheries management (include good governance in fisheries management)	Dr. Ishikawa Satoru
13 March (Tue.)	0900-1200	Implementing cost-effective MCS programs, especially under funding and human resource constraints.	Mr. Hidenao Watanabe
	1200-1300	Lunch	
	1430-1600	Visit to Fisheries Administration and Management Bureau, DOF/Thailand (Topics to be covered include marine fisheries management, licensing and enforcement systems, etc)	Course Staff
14 March (Wed.)	0900-1200	Introduction to FAO Port State Measures Agreement	Mr. Ganesan Vethiah
	1200-1300	Lunch	
	1300-1600	Vessel Monitoring System and its Application	Mr. Ganesan V.

Date	Time (hrs.)	Activities/Subjects	Resource Person
15-16 March (Thu.-Fri.)	<b>Practical Workshop on Applicable of the MCS in Combating IUU fishing in Southeast Asia</b>		
15 March (Thu.)	0900-0910	Introduction to the Practical Workshop	Mr. Bundit C.
	0910-0920	Opening to the practical workshop	DSG and JTF manager
	<i>Special presentation form resource persons:</i>		
	0920-1020	Effective enforcement mechanism and implementation of MCS- Case studies in <b>Indonesia</b>	Dr. Purwanto
	1020-1045	Coffee brake	
	1045-1200	Effective enforcement mechanism and implementation of MCS- Case studies in <b>Malaysia</b>	Mr. Ganesan V.
	1200-1300	Lunch	
	1300-1400	Effective enforcement mechanism and implementation of MCS- Case studies in <b>Philippines</b>	Mrs. Alma Dickson
	1400-1500	Effective enforcement mechanism and implementation of MCS- Case studies in <b>Thailand</b>	Mr. Pirochana Saikliang
	1500-1520	Coffee brake	
	1520-1600	All presentation wrap up and conclusion	Mr. Bundit C. and all resource persons
16 March (Fri.)	<b>Country report presentations on the following topics:</b>		
	a. Short introduction on current MCS situation in each member country b. Building a Plan of Action on MCS system in each member country (taking into consideration the funding and human resource constraints). <b>Chair person: Mr. Bundit C.</b>		
	0900-0930 0930-1000	<ul style="list-style-type: none"> <li>- Brunei Darussalam</li> <li>- Cambodia</li> </ul>	
	1000-1020	<b>Coffee brake</b>	
	1020-1050 1050-1120 1120-1150	<ul style="list-style-type: none"> <li>- Indonesia</li> <li>- Lao PDR</li> <li>- Malaysia</li> </ul>	
	1150-1300 1300-1330 1330-1400	<b>Lunch</b> <ul style="list-style-type: none"> <li>- Myanmar</li> <li>- Philippines</li> </ul>	

Date	Time (hrs.)	Activities/Subjects
	1400-1430	- Vietnam
	1430-1500	- Thailand
	1500-1520	<b>Coffee brake</b>
	1520-1545	Practical Workshop Wrap Up and Future Follow Up Activities Mr. Bundit C.
	1545-1630	<b>Closing Ceremony</b>
		SG, DSG, senior staff, division heads, course staff and staff concerns
17 March		Participants departure
(Sat.)		