FISHCODE

MCS

REPORT OF A REGIONAL TRAINING COURSE IN FISHERIES MONITORING, CONTROL AND SURVEILLANCE

Songkhla, Thailand
4 - 12 July 2000

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

ROME, JANUARY 2001
FISHCODE

MCS

FAO/NORWAY PROGRAMME OF ASSISTANCE TO DEVELOPING COUNTRIES FOR THE IMPLEMENTATION OF THE CODE OF CONDUCT FOR RESPONSIBLE FISHERIES

Sub-Programme C:
Assistance To Developing Countries For Upgrading Their Capabilities In Monitoring, Control And Surveillance

REPORT OF A
REGIONAL TRAINING COURSE IN
FISHERIES MONITORING, CONTROL AND SURVEILLANCE

Songkhla, Thailand
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COURSE PROCEEDINGS

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
ROME, JANUARY 2001
FAO/FISHCODE
Report of a Regional Training Course in Fisheries Monitoring, Control and Surveillance, held in Songkhla, Thailand, 4-12 July 2000.

ABSTRACT
This document contains the summary of proceedings of a Regional Training Course in fisheries Monitoring, Control and Surveillance held in Songkhla, Thailand from 4 to 12 July 2000.

Preparation of this document
This report was prepared by Mr George Everett, Senior Fishery Planning Officer, FAO. The substantial papers presented at this Course are also being edited and will appear as a supplement to this report.

George Hanek
Project Manager
FISHCODE

Distribution:
Norway (through TCD)
FAO Fisheries Department
FAO Legal Office
FAO and UNDP Representatives
Institutions concerned
Participants
Other interested agencies and donors
REPORT OF THE REGIONAL TRAINING COURSE
IN FISHERIES MONITORING CONTROL AND SURVEILLANCE

Songkhla, Thailand, 4 to 12 July 2000

Opening and Programme

The Regional Training Course in Fisheries Monitoring, Control and Surveillance took place in the BP Samila Beach Hotel, Songkhla, Thailand. It was funded by the FAO/Norway Inter-Regional Programme of Assistance to Developing Countries for the Implementation of the Code of Conduct on Responsible Fisheries (Fishcode Sub programme C: Assistance to Developing Countries for Upgrading their Capabilities in Monitoring, Control and Surveillance). Twenty four participants attended from six countries, and a number of participants from Thailand also joined in certain sessions. A full list of participants and resource persons is given as Annex 1.

On the first day, Tuesday 4 July 2000, the course participants were welcomed by the Governor of Songkhla Province, and the course was opened by the Deputy Director General of the Department of Fisheries. Mr George Everett gave a statement on behalf of FAO.

The course coordinator, Mr Peter Flewwelling, then covered the background of the events leading up to the course, planned course events, and the administrative details for participants and resource persons.

Objectives of the course:

1. To train selected staff engaged in MCS activities by:
   - reviewing MCS procedures in the context of fisheries management and fisheries law in specific countries and regions, e.g., Namibia; Malaysia and Indonesia.
   - providing understanding on MCS systems: required elements, implications, and suitability for specific situations.
   - undertaking practical experiences in at-sea and port inspections, reporting and prosecution matters (e.g. detection of violations, prosecution, rules of evidence through role playing).

2. To build up sets of lecture material that can be used in similar regional and national courses, and

3. To utilize an analytical approach to develop an appropriate MCS system.

Subjects covered included:

1. Fisheries Management and MCS
2. Legal aspects of MCS
3. Elements of MCS
4. MCS and practical inspection procedures; on shore and at sea
5. Prosecution matters
6. An analytical approach to the design of an MCS System

Course Host And Instructors included:

Dr. Monton Eisma-ard  Host and Director, Southern Marine Fisheries Development Centre
Cmdr. Pornchai Singhaboon  Thailand MCS Course Co-Coordinator
Capt. Per Erik Bergh  FAO MCS Consultant and Special Advisor to the Permanent Secretary for Fisheries in Namibia
Ms. Sandy Davies  Fisheries Management Consultant and Special Advisor to the SADC Manager for EU in Namibia
Prof. Ted McDorman  FAO Legal Consultant for Thailand
Mr. George Everett  Senior Fisheries Planning Officer FAO
Mr. Peter Flewwelling  FAO MCS Advisor/Course Coordinator
Mr. Terry Gardner  FAO Legal Consultant
Mr. Blaisee Kuemlangan  FAO Legal Officer
Capt. Wan Fatah Omar  FAO MCS Consultant and MCS Team Leader for World Bank, Asian Development Bank, AusAID and JICA COREMAP in Indonesia

Course Outputs included:

1. A model MCS plan considering all MCS elements against which countries can measure their current MCS programmes.
2. Legislative knowledge of the newest international agreements, rights, privileges and obligations.
3. Practical experience of “deterrent” approaches to MCS to maximize the effectiveness and efficiency of patrols and inspections.
4. Training materials for national and regional MCS officials.

The participants included four senior fisheries officials from each of: Cambodia, Indonesia, Malaysia, Philippines, Thailand and Vietnam (Annex 1).

The programme is in Annex 2.

Summary of Presentations

Mr. Everett provided a brief update of the status and management situation in Asia. He then assisted the course members to calculate the catch curve for management decisions in planning fisheries strategies.

Mr. Terry Gardner then, using the examples of his South Pacific experience, introduced the legal and practical issues that entered into MCS activities. He covered the national legal structures that served to underpin the implementation of MCS activities in support of management; the legislation itself, fisheries investigations and the conduct of prosecutions.
Ms. Sandy Davies addressed the role of MCS in fisheries management through the introduction of important concepts and elements of fisheries management, key tasks to be addressed in the management process and how MCS was the executive arm for management plan implementation.

Mr. Peter Flewwelling addressed the emerging trends in MCS with the emphasis on preventative MCS in parallel with deterrent MCS as current emerging strategies, especially for the coastal fisheries. This also included increased use of participatory techniques for management planning, MCS planning and implementation. Further, there was the need for a holistic approach to management, including MCS, from the commencement of the management exercise.

Mr. Per Erik Bergh used the Namibian example to demonstrate how this country in nine years has emerged as one of the examples of good fisheries management, and how its MCS program emerged.

The day ended with a cocktail party.

Wednesday 5 July 2000

A film on fisheries in Namibia was shown first, and discussed.

Mr. Wan Fatah Omar gave a summary of the work being carried out in Indonesia in the coastal areas through the World Bank/ADB/AusAID and JICA Coral Reef Rehabilitation and Management Project (COREMAP) and the difficulties being addressed. He also touched on the Malaysian system as an example that was being used in some countries. The elements of MCS in COREMAP mixed with CBM, public awareness, the legal difficulties, licensing concerns, and need for extensive training, were all key elements of the presentation.

Ms. Davies introduced the myriad of elements included in MCS as a start to the key lectures and matters to be covered in the course:

- management and objectives (visibility, legitimacy, commitment, equity, transparency)
- legal and legislative framework
- operations and tools for MCS (planning and execution, information management, legal work – training and operations)
- principles (costs, compliance versus deterrent activities, balanced deterrence, options varying, review and adjustment)
- factors - small scale, awareness and acceptance, management, sampling for compliance

Mr. Blaise Kuemlangan approached the international legal elements impacting on the MCS activities today, including the Code of Conduct for Responsible Fisheries, the FAO Compliance Agreement and the UN Fish Stocks Agreement, and where these would have an impact on MCS planning and operations.
Professor Ted McDorman reviewed some of his experiences in Asia and the ongoing experience of the management situation in Thailand and their efforts and issues being addressed in the revision of their fisheries legislation. His opinion was that the diverse cultural and political situation in Asia would make any attempt at regional cooperation for MCS very difficult, if not impossible to implement, but initiatives and cross-country lessons could possibly shared between countries.

Mr. Terry Gardner then concluded the afternoon with experiences from his recent trip to Malaysia, the difficulties in the burden of proof and other elements within the Attorney General’s office in Malaysia, and related it back to his extensive experience in the South Pacific.

**Thursday 6 July 2000**

Mr. Kuemlangan and Professor McDorman opened the day with discussions on the regional and sub-regional structures and their process of establishment noting in particular the South Pacific Forum Fisheries Agency; the Multi-High Level Commission discussions that would impact on the region, the Indian Ocean Tuna Commission and the South East Atlantic Fisheries Organization. There was feedback on these discussions as the impact on some countries in the region could be significant. Unfortunately, time reduced the opportunity for extensive discussions that were pertinent to only some of the participating countries (Indonesia and Philippines for MHLC, and Indonesia, Malaysia and Thailand for IOTC). It was suggested to the participants that they take every opportunity to discuss these issues with the resource persons outside of the course sessions to get further information pertinent to their individual country situation.

Mr. Bergh outlined the need to pay particular attention to the human resources component of MCS in developing or revising a system. He stressed the need for careful selection and criteria for the Core Jobs (management, inspectors, observers, data collectors and intelligence officers), the Support Positions (ships officers and crew, pilots and aircrew and technical personnel), and also the need to note the impact of the employment situation, career prospects, salary, visibility and identification, equipment, training, supervision, feedback and updating of the system during the selection and management of the human resources.

Linked to the human resources was the need for training and appropriate operational guides and manuals. The Course Coordinator addressed this lecture with the intent to introduce to the participants, noting their seniority, the knowledge and abilities they expected their officers to possess to carry out their duties in a professional manner. The list was extensive and emphasized the need for training and appropriate reference and training manuals to have a professional fisheries corps.

Ms. Davies then followed with an emphasis on the importance of accurate and verifiable data collection and used the Namibian example of port data collectors and observers to address this concern. She noted the criteria for selection and the detailed training program that had been implemented in Namibia as an example that other countries could follow if such a program was required in their countries. This served as an introductory session to more detailed data collection system sessions later in the week.
Most Asian countries do not have observer programs at this point in time and their focus is currently on the coastal, nearshore fisheries so the port data collection process appeared to be of more interest, but all countries realized the benefits of the at-sea observer program for the control of the offshore fisheries in the future.

Per Erik Bergh then described the wide range of sensors and platforms, criteria that one should address when selecting the most appropriate sensor or group of sensors (sea craft, aircraft, cameras, radar and infrared equipment, direction finding equipment, VMS, satellite imagery, vehicles, etc.).

Blaise Kuemlangan gave a presentation on the legal aspects of illegal, unregulated, and unreported fishing (IUUF), and also the legal aspects and concerns of implementing vessel monitoring systems (VMS) in the countries.

Friday 7 July 2000

The day started with a visit to the fishing port of Songkhla where the port manager and staff explained the port activities and statistics, and the participants visited the dock area. The many Thailand vessels, cross-registered as Indonesian fishing vessels, were observed by the course participants. The surprise of a Malaysian-configured and marked vessel in port was an additional point that was of particular concern to the Malaysia participants as their vessels are not permitted to land fish outside Malaysia.

The latter part of the morning was spent at the Department of Fisheries Regional Radio Station where contact is maintained with the Thailand fishing fleet that fishes outside Thailand waters. This was seen as a possible avenue for information gathering and implementation of flag state control mechanisms for the future.

Mr. Bergh then started the afternoon discussing the various tools available to fisheries personnel for MCS, including sea operations, air operations, verification of landings, VMS and remote sensing. He also stressed the use of port inspections, port landings control mechanisms and the legal framework that needed to be in place to support these activities. Photos taken at the port with digital camera were shown, so as to illustrate the problems of vessel identification, most notably at sea and from the air.

The Course Coordinator then presented a session on registration and licensing and the key role this played in fisheries management as the first contact, and contract between the Department and the fishers. The challenges to enumerate fishers, boats and gear were noted along with the benefits of full enumeration of all fishers, both commercial and sustenance, for management purposes. Elements of licensing, vessel identification, examples in place in the region (noting the benefits of the Malaysian system as a possible model), and the absolute requirement for good inter-agency cooperation for licensing were all stressed.

Ms. Davies then took the group through a few more detailed sessions on the development of an appropriate data collection system for both science and management purposes. This included the need for such a system, methods and options for consideration, storing and analysis of information, and the needs for timely distribution of resultant information.
The Course Coordinator presented the boarding film and a follow-up exercise on boarding techniques. He then reviewed the boarding scenarios to be undertaken the following day.

**Saturday 8 July 2000**

The Course Coordinator, with assistance from the Department of Fisheries – Songkhla staff, and two leased fishing vessels, split the resource persons into two teams and went to sea with the participants. The scenario for the day was for the Thailand Fisheries staff to conduct two boardings as demonstration boardings for the participants – an un-resisted boarding with a net violation; and a resisted/hostile boarding with full gear. Each boarding team of participants would then conduct a pre-briefing, a boarding, a net measuring exercise, and a de-briefing. The sessions concluded in early afternoon after which the participants were free until Monday morning. This boarding session served to emphasize the difficulties of conducting at-sea inspections and provided an “awareness” to senior managers of what they were requesting of their officers at sea.

An exercise was given with use of the mesh gauge, and two of the gauges, which had been made in Thailand, were distributed to each participant.

**Monday 10 July 2000**

This day was spent with Mr. Terry Gardner reviewing the events of the sea day in terms of observations. He referred to his own experiences in fisheries cases with lessons learned from the sea day. He addressed them in terms of the violation – first steps of evidence gathering, labeling and security of evidence and the difficulties experienced in conducting these activities at sea; the pre-court preparation to ensure that the prosecutors have all the information available and in a presentable manner; the use and preparation of witnesses; the actual court proceedings: and the post court actions required. Mr. Gardner’s considerable experience in fisheries case law under the legal systems of the South Pacific was an asset to the course.

This was also further amplified by the “administrative penalties” system and legal prosecutions experience of Wan Fatah Omar and the Malaysian team in the region and the session discussions.

Mr. Bergh addressed resource rents and the place they should have in MCS planning and operations. He opened the idea of options for determining and collecting resource rents, how to chose the best option for the situation in each country, and how to implement the system. This was of particular interest to some countries that were looking at how to increase revenues and recover a greater portion of their fisheries management and MCS costs.

The day concluded with the Course Coordinator summarizing the events to date, the lessons learned and the elements presented. This was in preparation for the final two days of the training; sessions which were to become the highlight of the entire course. These were coordinated by Per Erik Bergh and Sandy Davies, and intended to address an analytical approach to MCS system development.

**Tuesday 11 and Wednesday 12 July 2000**
The final two days had been earlier proposed by Per Erik Bergh and Sandy Davies to merge the lessons learned up to this point into a practical exercise that could be useful to the participating countries in future planning and operations.

Both Sandy and Per Erik had spent considerable time in developing materials and a complete package for these sessions, including:

- the description of a “new”, fictitious country - Klebesia;
- notes to assist in the development of a management plan;
- notes on the effectiveness of different types of MCS tools and mix of tools;
- data on new fish species of which the “everette” was one;
- data on the various fisheries in the new country’
- legislative framework for the key fishery – the “gamba” fishery in “Klebesia”
- information packages on press releases, ministerial policy statements, correspondence from donor agencies and data on costs of MCS equipment, etc.;
- elements in relation to management measures forms; and
- planning and budgetary forms.

The resource persons were requested to provide professional advice in accordance with their area of specialty.

The participants from each country worked as a team. The exercise commenced with a short session to introduce Strength, Weaknesses, Opportunities and Threat (SWOT) analytical techniques to enable the teams to utilize this technique during the two days.

The afternoon was spent in developing the management plans for the “gamba” fishery in “Klebesia”. These were presented at the end of the afternoon so that country teams that were having difficulty could learn from those that had grasped the exercise. Malaysia and the Philippines provided very good examples of management plans.

The second day was spent in assessing the appropriate MCS options to best meet the management plans within the budgetary constraints provided, and these were presented at the end of the day, prior to the wrap up of the course and evaluation. All participants gained experience and knowledge in the elements of management planning and relating it to MCS. It was noted that no country, except Malaysia, fully completed the exercise, due to time constraints.

P.E. Bergh concluded by emphasizing the importance of linking up MCS to a management plan. It should be understood how the work of a patrol vessel for example was part of the whole integrated approach to management. It was also important to understand the importance of resource rent, and its links to fishery management.

Peter Flewwelling thanked all those who had helped prepare and give the course, and, on behalf of participants, S. Hutabarat thanked FAO and Peter Flewwelling and everybody concerned. At a reception, later, the Provincial Fisheries Officer for Songkhla gave out certificates to all who had participated in the training course.

Participants departed from Songkhla on Thursday 13th July.
ANNEX 1

Names of Participants

CAMBODIA:

(Ministry of Agriculture, Forestry and Fisheries, 186 Norodom Bld., Phnom Penh)

Sam Nuov, Deputy Director, Department of Fisheries

Long Korn, Chief of Inspection Bureau,

Pum Sotha, Head of Marine Inspection Unit

Chap Seak Heng, Head of Tonle Sap Inspection Unit

INDONESIA:

(Ministry of Sea Exploration and Fisheries - MOSEF, Jl. Veteran III/2, Jakarta Pusat)

Happy Simanjuntak, Directorate General of Fisheries, Ministry of Sea Exploration and Fisheries

Mr Narmako Prasmadji, Head of Legal Matters and Licence Bureau, Ministry of Sea Exploration and Fisheries,

Janizar Djafrie, Director of Sea Ecosystem Enforcement and Protection

Samuel Hutabarat, Director of Sea Services, Enforcement and Protection, Ministry of Sea Exploration and Fisheries

MALAYSIA:

(Department of Fisheries, Ministry of Agriculture, 8 and 9th floor, Wisma tani, Jalan Sultan Salahuddin, 50628, Kuala Lumpur)

Salehan Bin Lamin, Head, Resources Protection Branch, Department of Fisheries, Ministry of Agriculture

Mohd Sidek Md. Jahaya, Fisheries Officer

Ganeshan Vethian, Legal and Prosecution Section

Zaki Bin Mokri, Fisheries Officer, Ministry of Agriculture
**PHILIPPINES:**

(Bureau of Fisheries and Aquatic Resources, Department of Agriculture, 860 Arcadia Building, Quezon Avenue, Quezon City)

Ms Sandra Victoria R. Arcamo, Chief, Fisheries Resources Management Division

Atty Annaliza b. Vitug, Officer in charge Legal Division

Andres R. Menguito, Fisheries Officer

Edgardo A. Togonon, MCS Manager, BFAR R.O. XI, 304 Fr.Selga St., Davao City

**THAILAND:**

(Department of Fisheries, Ministry of Agriculture and Cooperatives, Chatujak, Bangkok 10900)

Chainarong Sulaimhad, Senior Legal Officer, Law and Treaties Division

Kaisarit Poonpanich, Senior Fishery Officer, Marine resources Conservation, SamutPrakarn Province

Lt. Apichat Somrith, Resources Conservation Division

Saramit Uraiwan, Senior Fishery Biologist, Bangkok Marine Development Centre

**VIETNAM:**

(Ministry of Fisheries, 10 Nguyen Kong Nom, Badinh, Hanoi)

Luu Viet Vuong, Technical Fishing Expert

Nguyen Van Nga, Inspector

Ms Dinh Thi Than Huyen, International Cooperation Division,

Mrs Dam Thi Xuan, Legal Officer

Participants from Thailand assisting the Secretariat  
(Department of Fisheries, Ministry of Agriculture and Cooperatives)

Comdr. Pornchai Singhaboon, Conservation Division

Ms Pounthong Onoora, Law and Treaties Division

Thewan Thanamalarat, Conservation Division

Wannakiat Taptimsong, Marine Division

Dr. Mouton Eisma-ard, Director, Southern Marine Fisheries Development Centre
Resource persons

Terence Gardner, Legal consultant, P.O. Box 1730, Port Vila, Vanuatu
Peter Flewwelling, MCS Consultant, 214 Cogon, Tacloban City, 6500 Leyte, Philippines
Ted L. McDorman, Legal consultant, Professor, P.O. Box 2400, Victoria, B.C. Canada, V8W 3H7
Blaise Kuemlangan, Legal Officer, FAO, Rome
Captain Per Erik Bergh, Adviser to Ministry of Fisheries and Marine Resources,
   Private Bag 13355, Windhoek, Namibia
Ms Sandy Davies, Adviser to SADC Marine fisheries Coordinating Office, Private Bag
   13355, Windhoek, Namibia
George Everett, Senior Fishery Planning Officer, FAO, Rome
Captain Wan Fatah Omar, MCS Consultant, Adviser to COREMAP Project, Jakarta,
   Indonesia
ANNEX 2

PROGRAMME OF THE TRAINING COURSE
FAO/NORWAY FISHCODE PROJECT GCP/INT/648/NOR

REGIONAL TRAINING COURSE ON
MONITORING, CONTROL AND SURVEILLANCE (MCS)

4 - 12 JULY 2000
BP Samila Beach Hotel, Songkhla, Thailand

OPENING CEREMONY

0900 HRS WELCOME REMARKS BY GOVERNOR OF SONGKHLA PROVINCE

0920 HRS FAO REMARKS BY MR. GEORGE EVERETT

0930 HRS COURSE OPENING – DR. SITHI BOONYARATPALIN, DEPUTY DIRECTOR GENERAL OF FISHERIES, DEPARTMENT OF FISHERIES KINGDOM OF THAILAND

1000 HRS BREAK FOR REFRESHMENTS

MASTER OF CEREMONIES – MS. POUNGTHONG ONOORA
## FAO/NORWAY FISHCODE PROJECT GCP/INT/648/NOR

### REGIONAL TRAINING COURSE ON MONITORING, CONTROL AND SURVEILLANCE (MCS)

**SONGKHLA, THAILAND, 4-12 JULY 2000**

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<td>Introduction, Course Objectives &amp; Course Administration (Flewwelling)</td>
<td>Fisheries Status &amp; Management in Asia (Everett)</td>
<td>Lunch</td>
<td>Legal aspects of MCS : overview and practical issues. (Gardner)</td>
<td>Role of MCS in Fisheries Management (Davies)</td>
<td>Break</td>
<td>Emerging Trends in MCS (Flewwelling)</td>
<td>Namibia MCS Example (Bergh)</td>
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<td>Namibia Cont’d Indonesian &amp; Malaysian Example (Omar with countries)</td>
<td>Break</td>
<td>Indonesian &amp; Malaysian Example (Omar with countries)</td>
<td>Elements of MCS (Davies) 1. Legal 2. Human Res. 3. Platforms &amp; Sensors 4. MCS OPS 5. Registration &amp; Licensing 6. Information Mgt 7. Planning and Execution</td>
<td>Lunch</td>
<td>Elements of MCS (Cont’d) (Davies)</td>
<td>The Code of Conduct for Responsible Fisheries, the Compliance Agreement and the UN Fish Stocks Agreement (Kuemlangan) special focus on MCS</td>
<td>Break</td>
<td>MCS and national implementation - the Thai experience (Mc Dorman)</td>
<td>MCS and national implementation - the Malaysian experience - the FFA's member countries experiences (Gardner)</td>
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**Arrival of Participants** 3 July 2000

**Departure of Participants** 13 July 2000
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**DAY 3**

**JULY 6**

- **MCS at regional and sub-regional level**
  - FFA
  - MHLCS
  - IOTC
  - SEAFO
  - (Kuemlangan/ McDorman)

**Break**

- **Human Resources**
  - (Bergh)
  - Inspectors
  - Observers
  - Data Collectors
  - Support Staff
  - Communities

**Manuals & Training**

- (Flewelling to lead with Bergh & Omar)

**Lunch**

- **Training- Observers/Port Data Collections**
  - (Davies)

**Platforms**

- & Sensors
  - (Bergh)
  - Sea craft
  - Air craft
  - VMS
  - Vehicles
  - Others

**Break**

- **Illegal, Unregulated and Unreported Fishing and VMS**
  - (practical session on legislation by Kuemlangan)

**Legal (Cond’d)**

**Dinner**

**DAY 4**

**JULY 7**

- **Port Visit (Thailand DOF)**
  - Licensing
  - Markings
  - Gear Inspection
  - Telecoms
  - TEDs

**Break**

- **Port Visit**

**Port Visit**

- **Lunch**

- **MCS Methods of Operations**
  - (Bergh)
  - Inspections
  - Air Surveillance
  - Landings
  - Factory

**Registration and Licensing**

- (Flewelling)
  - Fishers ID
  - Vessel ID
  - Gear
  - Inter-Agency
  - Coordination

**Break**

- **Management Information and MCS (Davies)**

**Management Information and MCS (Cont’d)**

**Dinner**

**DAY 5**

**JULY 8**

- **MCS Patrol Planning (Flewelling)**
  - Integrated Plan Communications Reporting Emergencies

**GO TO SEA**

- **Routine Boardings**
  - Role Playing for minor offences
  - (all Instructors)

**Routine Boardings**

**Lunch**

- **Routine Boardings**

**Routine Boardings**

- **Boarding (Cont’d)**

**Boarding (Cont’d)**

**Potential Hostile Boarding (Bergh)**

**Late Dinner**

**Sunday – Day Off**
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<td>July 10</td>
<td>Patrol Debrief/Information verification (Flewwelling/Gardner)</td>
<td>Case Preparation and Brief (Gardner)</td>
<td>Break</td>
<td>Case Preparation and Brief (Cont’d)</td>
<td>Case Preparation and Brief (cont’d)</td>
<td>Lunch</td>
<td>Legal wrap up (Gardner)</td>
<td>Legal wrap up (cont’d) (Gardner)</td>
<td>Break</td>
<td>Summary of Boarding/At-Sea Day and MCS elements (Flewwelling)</td>
<td>MCS and resource rents (Bergh)</td>
<td>Dinner</td>
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