

# Activities of the IOTC-OFCF Project

## Phase I (April 2002-March 2007)

## Phase II (June 2007 to March 2010)

## and New Project (June 2010-)



## Objectives

**For the Project Phase I and II (April 2002-March 2010):**

To contribute to the realization of sustainable utilization of tuna resources by improving the accuracy of data collection and statistical analysis of the catch and resources of tuna in the Indian Ocean

**For New Project (June 2010-):**

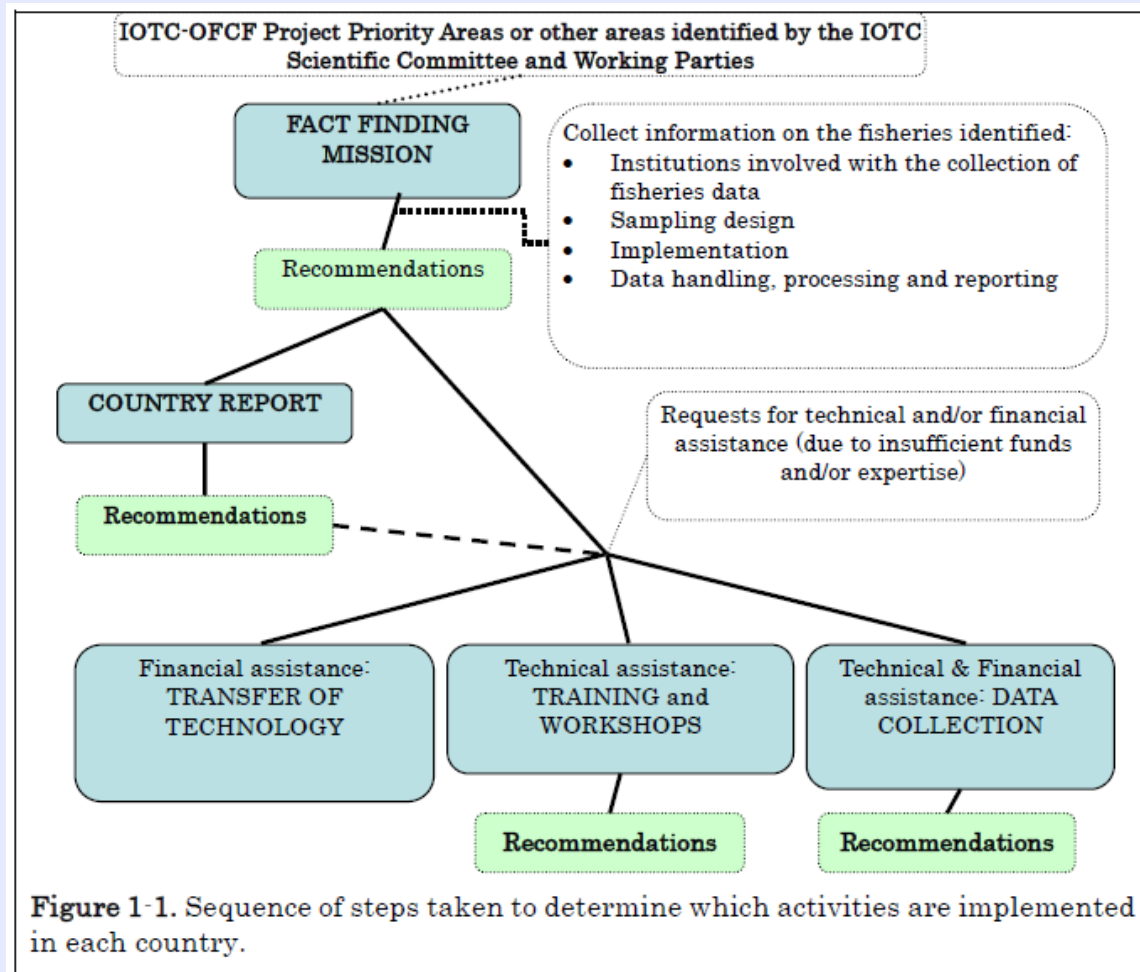
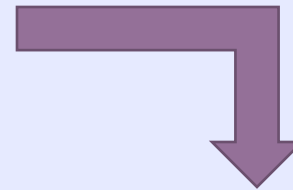
To improve tuna statistics in view of the Regional Observer Scheme (IOTC Resolution 10/04)

## Three Principles of the Project :

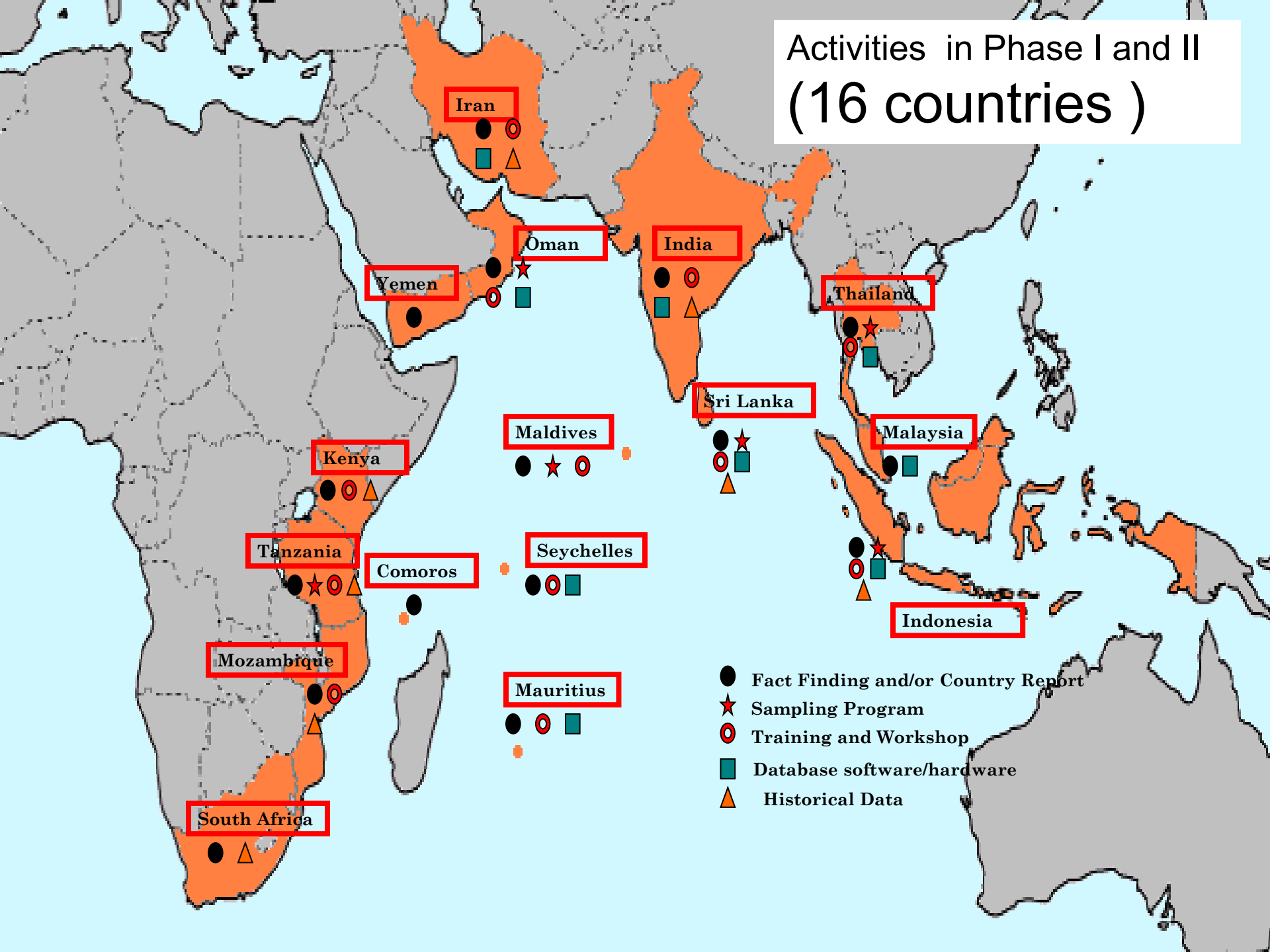
1. The Activities executed under the Project are to follow the recommendations of the Commission, SC and WPs
2. There is not to be any direct financial implications for IOTC member countries
3. The activities of the Project are to be directed towards reinforcing the statistical systems of developing countries from the region

## Five Main Activities Areas:

1. Fact-Finding + Country Report
2. Sampling Programs
3. Training and Workshop
4. Database software + Hardware
5. Historical Data Collection

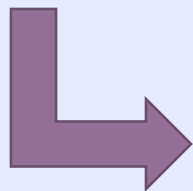


# Activities in Phase I and II (16 countries)

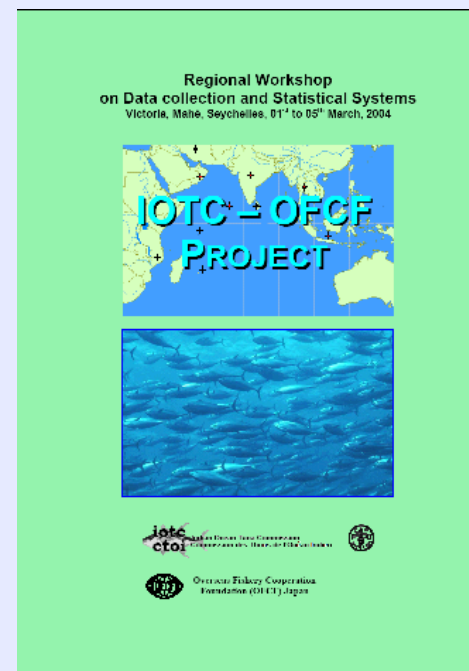


# 1. Fact-Finding and Country Report

- 1) Fact-Finding: The Project send mission to 15 Countries.  
(India, Indonesia, Iran, Kenya, Malaysia, Maldives, Mauritius, Mozambique, Oman, Seychelles, Sri Lanka, Tanzania, Thailand, Yemen, and Comoros)
- 2) 13 Country Reports were produced.  
(India, Indonesia, Iran, Kenya, Maldives, Mauritius, Mozambique, Oman, Seychelles, South Africa, Sri Lanka, Tanzania, and Thailand)



Regional Workshop on Data Collection and Statistical Systems in Seychelles in March 2004





## 2. Sampling program implemented in 5 Countries

- ◆ **Indonesia**'s Fresh Tuna Longline at Jakarta, Cilacap and Denpasar (June 2002-December 2006)
- ◆ Foreign Fresh tuna Longline In **Thailand** (September 2002- December 2006)
- ◆ **Thailand**' neritic tuna fishery by small Purse seine (December 2005 to October 2006)
- ◆ **Sri Lanka**'s Billfish and Tuna by artisanal fisheries (November 2004 to December 2006)
- ◆ Size data collection of **Maldives** pole-and-line fishery (June 2003 to March 2005)
- ◆ Yellowfin tuna size data collection in **Oman** (January 2003 to April 2003 and January 2009 to December 2009)

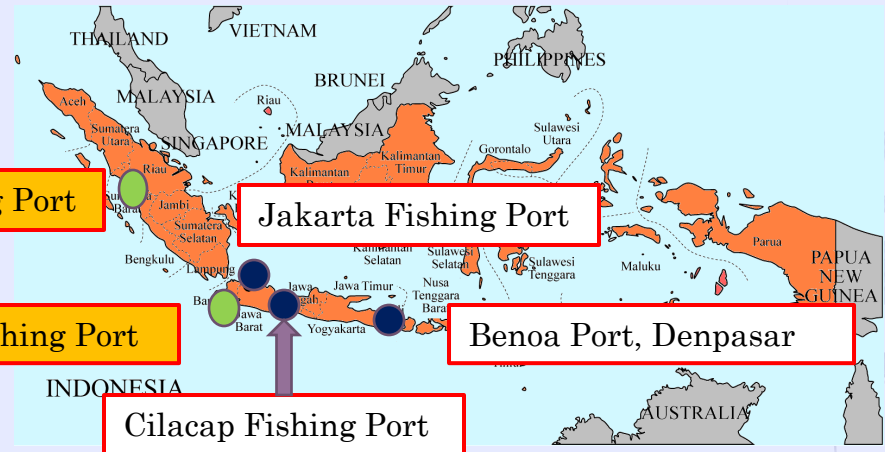
## 2-1) Indonesia's Fresh Tuna Longline at Jakarta, Cilacap and Denpasar (June 2002-December 2006)

- Objectives: to enhance data collection and processing system



Bugus Fishing Port

Pelabuhan Ratu Fishing Port



- Sampling program was carried out at Jakarta, Cilacap, and Benoa.
- Sampling activity expands at Pelabuhan Ratu fishing Port by Indonesia Government and will be done at Bugus.
- Data collection system and data processing including catch estimation were established.
- Indonesia fresh tuna longline unloading at foreign ports are uncertain after oil price hike and flooding of Jakarta Fishing Port.



## 2-2) Foreign Fresh tuna Longline at Phuket, Thailand (September 2002- December 2006)

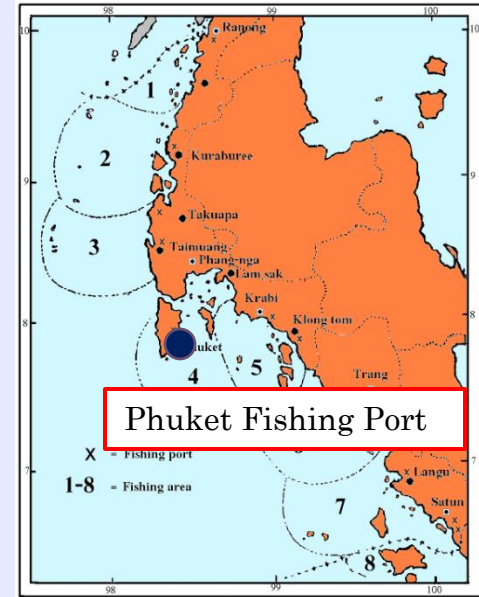
- Objectives: to enhance data collection and processing system



- Monitoring Foreign (Mainly Taiwan and Indonesia) fresh tuna longline implemented at Phuket by AFRDEC (Andaman Fisheries Development and Research Center), Department of Fisheries.
- Catch by species by month by country was able to be estimated and size data was obtained.
- AFRDEC has requested the national budget, but it was failed.
- Taiwan will support the monitoring in Phuket from 2010.



## 2-3) Thailand' neritic tuna fishery by small Purse seine (December 2005 to October 2006)

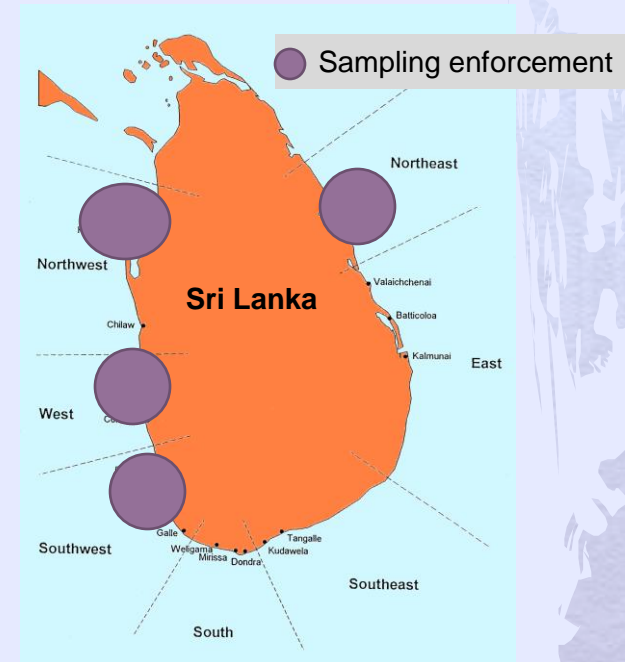


### Objective: to improve data collection for small scale purse seine fishery

- The sampling program was carried out at Phuket by AFRDEC , Department of Fisheries, Thailand.
- Vessel records, effort and CPUE were improved. More size data were collected.
- AFRDEC has continued monitoring along the coast using own budget.

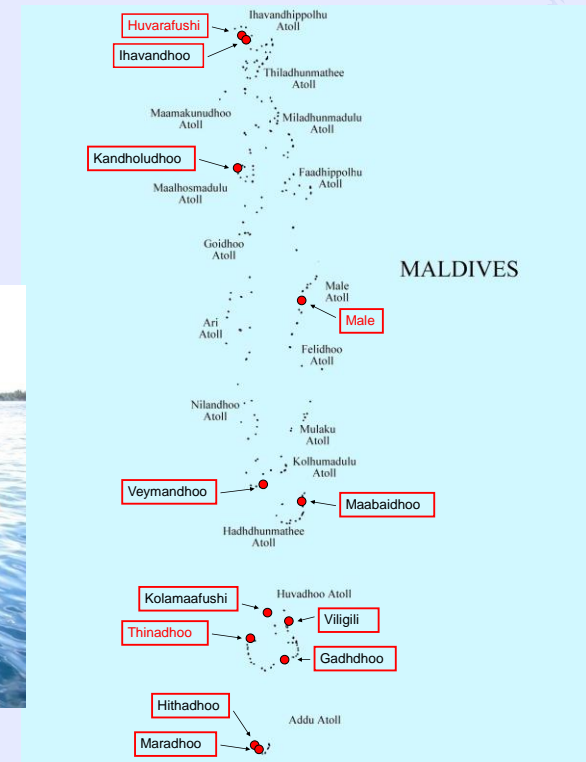
## 2-4) Sri Lanka's Billfish and Tuna by artisanal fisheries (November 2004 to December 2006)

**Objectives: to improve NARA data collection and processing system**



- Number of samplers increased to expand coverage into Northwest and northeast during the cooperation with NARA (National Aquatic Resources and Research Agency)
- We expected continuation supported by ICEIDA (Icelandic International Cooperation Agency), but it was not realized.
- NARA has continued the program on a smaller scale.

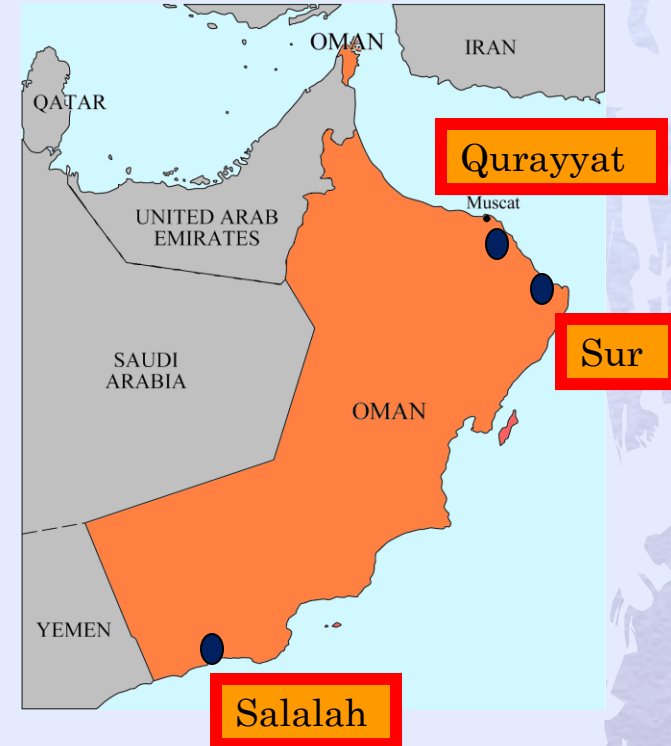
## 2-5) Size data collection of Maldives pole-and-line fishery (June 2003 to March 2005)



- A total 11 islands samplers (the project support 8 samplers) collected size data from pole-and line fishery under supervising by MRC (Marine Research Centre). A total of about 490,000 fish (mainly SKJ and YFT) was measured during this period.
- MRC secures budget and expands 10 islands for size data collection in 2007.



## 2-6)-1. Yellowfin tuna size data collection in Oman (January 2003 to April 2003)



➤ During the sampling period at three landing sites (Qurayyat, Sur and Salalah, a total of **1,593 yellowfin** tuna caught by handline and Gillnet was measured.



## 2-6)-2. Size data collection in Oman (January 2009 to December 2009)



- YFT size data collection in the Arabian Sea was recommended from SC
- Technical agreement was signed in December 16, 2008
- Sampling was resumed at Sur and Marbat in Jan. 1, 2009 to Dec. 31, 2009.
- Size measured:

YFT: 3,589, LOT: 18,408, and COM: 4,310

Total: 26,307

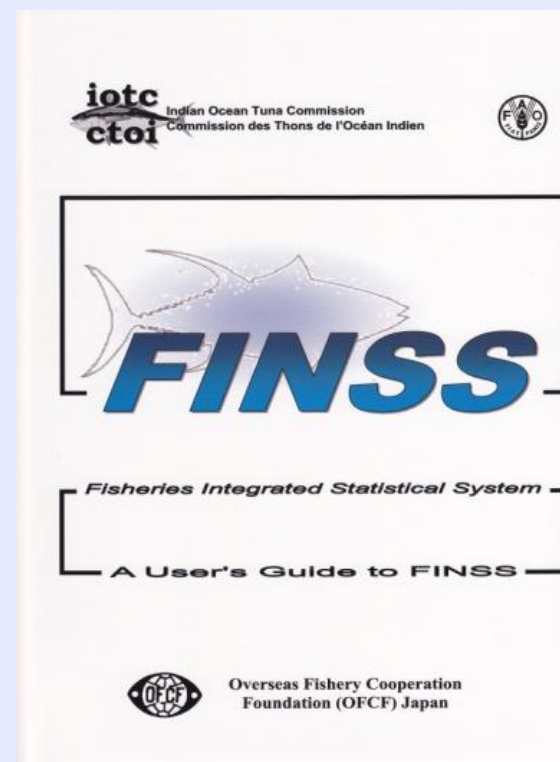
# 3. Major Training And Workshop

1. Training Course for Database “FINSS” (Fisheries Integrated Statistical System)  
11 countries (Indonesia, India, Malaysia, Thailand, Sri Lanka, Oman, Mauritius, Reunion, Australia, Spain, and Seychelles) in August 2002
2. Regional Workshop on Data Collection and Statistical Systems  
10 countries in March 2004
3. Training for Data Collection and Processing  
2 countries (Thailand and Indonesia) in December, 2004.
4. Workshop on the Improvement of Database Administration System  
4 countries (Iran, Sri Lanka, Mauritius, and Seychelles)  
in February 2005
5. Training on Data Collection for Sri Lanka sampling programs  
March 2005, and Nov 2005
6. Training on Collection and Processing on Industrial Purse Seine  
3 countries (Iran, Kenya, and Seychelles) in December 2005
7. Logbook Workshop in Indonesia  
Cooperation with SPC, WCPFC, and Japan in May, 2009



## 4. Database Software/Hardware Provision

1. Mauritius: PC and FINSS
2. Indonesia: PC and FINSS , and Database on biological sampling
3. Thailand: PC and FINSS and Database on Purse Seine
4. Kenya: Database for Sport Fishing Data
5. Oman: Database for Size data collection
6. Tanzania: PCs
7. Sri Lanka: PS
8. Publish Manual of FINSS





## 5. Historical Data Collection

### 1) Kenya Sport Fishing

Historical Kenya Sport Fishing data was collected from Malindi and Watamu from 1985 to 2006 and more than 78,000 records were computerized into Excel files. During 2007, all those data have been transferred to Access Database.



### 2) Size Data from processing companies, Indonesia

The Project tries to obtain fresh tuna size data at Jakarta Fishing Port and Benoa Port, Indonesia. But there was no cooperation from Processing companies.



### 3) Yemen Catch data from Cooperative

The Project mission in Yemen in 2008 visited Mukalha, Southern Coast of Yemen, and found historical catch data, but the country's political situation disturbed the access of Yemen.





# Activities of New Project in Year 2010

in view of the Regional Observer Scheme  
(IOTC Resolution 10/04)

1. **Sri Lanka**: Database establishment in Department of Fisheries and Aquatic Resources  
(Expected from January to March 2011)
2. **Comoros**: Frame Survey to be implemented in January and February, 2011 for Two Months along with the IOTC sampling program.
3. **Iran**: Investigating possibility to send the project mission for fact-finding in artisanal gillnet fisheries and data collection

