

# THE 5TH WORKING GROUP ON MARINE AND FISHERIES

15 OCTOBER 2014  
ISTANBUL, TURKEY





**proposal for media publication,  
information dissemination,  
electronic means of interaction  
for countries of  
D-8**





**Undertake follow up action required from the Fourth Working Group Meeting on Marine Affairs and Fisheries which was held in Transcorp Hilton Hotel Abuja, Nigeria on December 4<sup>th</sup> 2014**





# Background

IT is one of the fundamental in obtaining latest information regarding fisheries industries

Information regarding fisheries can be found from internet which includes :

- ❖ Aquaculture
- ❖ Marine fisheries
- ❖ Food & etc.

Department of Fisheries Malaysia, as the leading in developing fishery in Malaysia took the initiative to make sure that the public has the direct access on fisheries industry





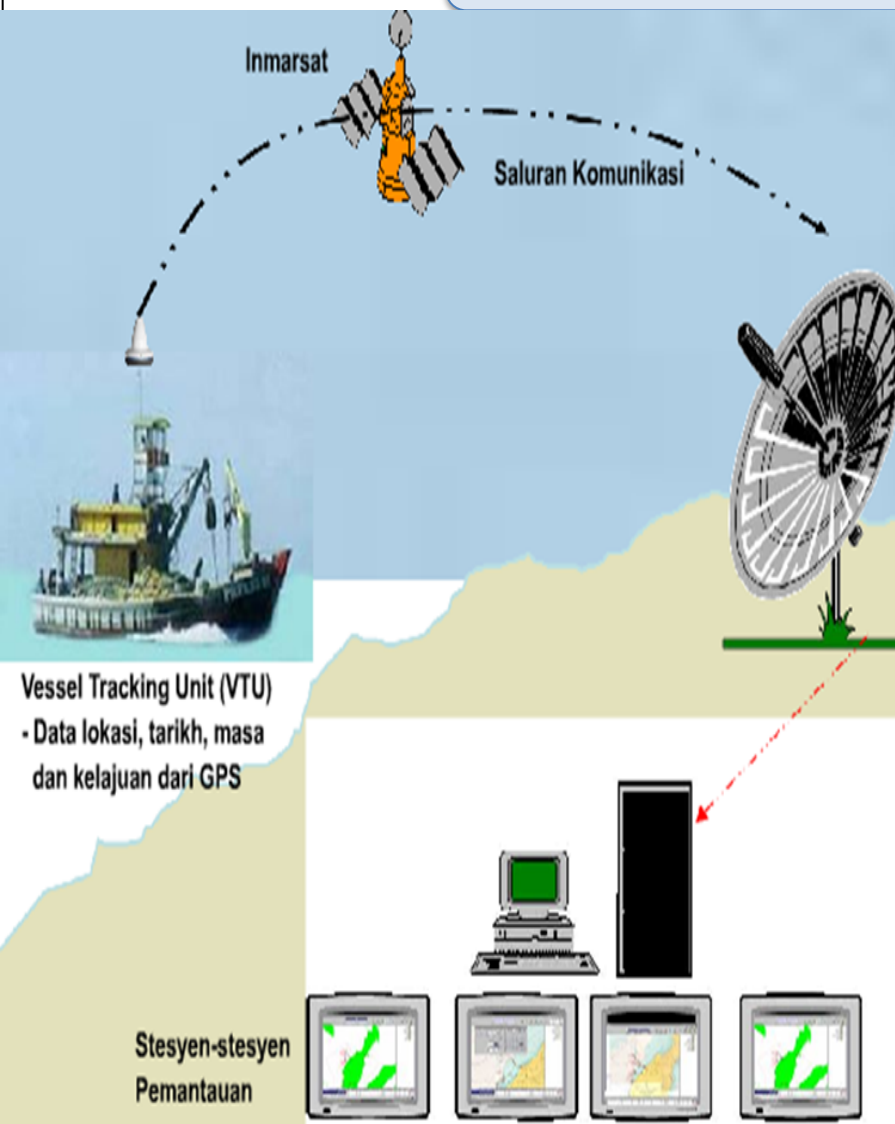
# Proposal Scope

1. List of Existing  
Application System at  
Department of Fisheries

2. List of Publications-  
website for Department of  
Fisheries

# List of Existing Application System at Department Fisheries

## 1. Vessel Tracking and Monitoring System



### Purpose

- A computerised system that uses information technology and satellite communication to track fishing vessels.
- The tracker known as "Mobile Tracking Unit" (MTU) is installed on fishing vessel to get the vessel position from the Global Positioning System (GPS).
- Position data (longitude and latitude), route track and vessel speed is sent via through the Inmarsat satellite system to Department of Fisheries computerised VMS system



## Benefits

- To assist in managing the vessels of a company's vessel
- Can be used as a communication device
- To assist Department efforts in protecting fisheries resources



## Technology

- Positioning data, route track and vessel speed will be sent to Department of Fisheries VMS computerised system through Inmarsat satellite system.



## Main Page System

**DOF MALAYSIA**

**VESSEL TRACKING AND MONITORING SYSTEM**

Track your Vessel

Home / Utama | Pengiraan VMS | Hubungi Kami

8th May, 15, 2014

**Apa itu Sistem Pemantauan Vessel, Vessel Monitoring System (VMS) ?**

Sistem berkomputer yang menggunakan teknologi maklumat dan komunikasi satelit untuk mengesan vesel pemantauan ikan.

Alat pengesan yang di kemas sebagai Vessel Tracking Unit (VTU) dipasang di atas vesel

menangkap data untuk mendapat kedudukan vesel tersebut dan Global Positioning System (GPS).

Data kedudukan (longitude and latitude), trek perjalanan dan kelajuan vesel dihantar melalui sistem satelit.

Immanuel ke sistem VMS berkomputer Jabatan Perikanan.

**Pengiraan Login**

ID Pengguna  
Kata Laluan

**Login**

[Link ke sistem](#)

Home / Utama | Pengiraan VMS | Hubungi Kami

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## 2. e. Licensing

### Purpose

- **System Application for Management of licensing activities of vessels and gears**

### Benefit

- **A computerized system used to support licensing activities of vessels and gears included:-**
  - i) **Vessel Licence Management**
  - ii) **Vessel Management**
  - iii) **Fishing Gears Management**
  - iv) **Fisherman Registration Card Management**

### Technology

- **The system can be access online.**
- **The system able to generate Fisherman Registration Card via MyKad**



## Main Page System

The screenshot shows the main page of the e-Licensing System (Sistem Pelesenan eLesen) for the Malaysian Fisheries Department (Jabatan Perikanan Malaysia). The page is displayed in a web browser window with the URL <http://services.dof.gov.my/elesen/>. The browser's address bar shows the URL, and the page title is "Sistem E-Lesen Jabatan Perikanan Malaysia".

The page features a blue header with the department's logo and the text "Jabatan Perikanan Malaysia Sistem eLesen". A "Pulawat" (Logout) button is visible in the top right corner. Below the header, the page is divided into several sections:

- Daftar Masuk (Login):** A section on the left with input fields for "ID Pengguna" (User ID) and "Kata Laluan" (Password), and a "Daftar Masuk" (Login) button. Below these fields is a link for "Barang Permohonan" (Application).
- Informasi (Information):** A central section with a large image of a fishing boat and the title "Sistem Pelesenan (eLesen) Jabatan Perikanan Malaysia". The text describes the system as an online service for vessel licensing and fishing gear management, allowing users to apply for licenses and track their status.
- Pendahuluan (Introduction):** A section below the information, stating that the system is designed to simplify the licensing process and provide information related to vessels and fishing gear.
- Bantuan/Aduan (Help/Complaints):** A section on the right providing contact information for the Malaysian Fisheries Department, including phone numbers for various staff members.

The page is displayed in a web browser window with the URL <http://services.dof.gov.my/elesen/>. The browser's address bar shows the URL, and the page title is "Sistem E-Lesen Jabatan Perikanan Malaysia". The taskbar at the bottom shows the Windows operating system with various application icons and the system clock indicating 3:06 PM on 15/5/2014.

### 3. eBiosecurity

#### Purpose

- **System Application for Monitoring and Management of Aquatic Animal Health and Public Health.**

#### Benefit

- **The system is the role of the Competent Authority (CA) encompasses the entire process of official control, formal analysis and formal guarantees. eBiosecurity able to support following activities**
  - I. Official control activities related to monitoring activities on premises such as aquaculture farms, vessels, importers, exporters, fishing vessels and warehouse / factory of fish feed.
  - II. Activities of Official Analytical associated with the activities of the analysis of samples taken during the execution of audits, inspections, visits or surveillance. The activities of formal analysis are the process of supporting the activities of the official control.
  - III. Official Assurance Activities related to the production of certificates required for export issued by the Department as a CA.



## Technology

- The system able to access online

## Main page System

The screenshot displays the main page of the ePerolehan system. The page layout includes a top navigation bar with links such as 'Utama', 'Mengenali ePerolehan', 'Pusat Sumber', 'Forum', 'Pautan', 'Soalan Lazim', and 'Hubungi Kami'. Below the navigation bar is a large banner image showing a group of people, including officials and staff, interacting at a table. The main content area is divided into several sections: four tiles for 'Sistem ePerolehan', 'Senarai Jenis Saji', 'Premis Berdaftar', and 'Notifikasi Penyakit Ikan'; a 'Berita' (News) section with a link to 'Program Pendaftaran Penukaran Rumpukan Sabiti'; a 'Pengumuman' (Announcement) section with a message 'Tiada sebarang kandungan di dapati'; and a calendar for May 2014. The page also features a search bar and a 'GO' button. The bottom of the page shows the Windows taskbar with various application icons and the system clock indicating 4:00 PM on 13/5/2014.

## 4. eAquaculture

### Purpose

- **Management and administration of the various assistance programs and support services in the field of aquaculture**

### Benefit

- **eAquaculture able to manage and store information regarding Aquaculture industry such as**
  - I. Profile of Aquaculture Entrepreneurs
  - II. Aquaculture Fields.
  - III. Programs and Support services offered by Department of Fisheries such as Incentive for Sistem Penyampaian dan Khidmat Sokongan Akuakultur [SPeKS]

### Technology

- **The system able to access online**







# Main Page System

Official Website  
**SIRIP** Sistem Rangkaian  
 Informasi Perikanan  
 Department Of Fisheries Malaysia

Language Selection  
 English

**Login**  
 If you don't have an account yet, please  
 make a [REGISTRATION](#)

Username

Password

[Forgot Password?](#)

Official Website for Department of Fisheries  
 Malaysia

Message from the Director General of  
 Fisheries Malaysia

**Total Visitor**  
**021780**

**System Information**

**eAquaculture System**

**Aquaculture System (eAkuakultur)** is a programme managed by the Department of Fisheries Malaysia (DOF) to provide assistance to its target groups namely the small scale culturist, private investors, entrepreneurs and those that are involved in aquaculture activities.

Assistance is provided for in the form of the following programmes:

- Development of Aquaculture Industry Zones (AIZ) dan High Impact Projects (HIP)
- Restructuring and Development of Aquaculture Communities
- Demonstrations
- Incubators
- Special Projects
- Disaster Relief
- Development of Graduates Entrepreneur

Additional information required regarding eAquaculture can be submitted to [esipaka@dof.gov.my](mailto:esipaka@dof.gov.my) or you may contact the Aquaculture Development Division at

(a) Siti Fatimah Binti Adnan : 03-88704777  
 (b) Mohd Sofi Bin Yaakob : 03-88704776

**eLatihan System**

**Sistem Latihan**

This system is for the management and administration of training/courses offered at... [\[More\]](#)

**ePembinaan System**

**Sistem Pembinaan**

This is a system to manage and administer related assistance provided by the Department of Fisher... [\[More\]](#)

**eAquaculture System**

**Sistem Akuakultur**

Aquaculture System (eAkuakultur) is a programme managed by the Department of Fisheries Malaysia (DOF) to provide assistance to its target groups namely the small scale culturist, private investors, entrepreneurs and those that are involved in aquaculture activities. [\[More\]](#)

**eLicense System**

**eLicense (eLisen) System : Management**

3:57 PM  
 15/5/2014

# List of Existing Application System at Department of Fisheries

## 1. Fisheries Bulletin (Berita Perikanan)

### Description

- ✓ Each issue were released on a quarterly basis, which is four times a year
- ✓ This bulletin contains various activities of the department as well as the latest information on the fishing industry
- ✓ The main targeted groups for these Bulletin are to the members of the department, the public, especially the parties involved in the fishing industry

Sample: Fisheries Bulletin Bil 87 (2013)



Sample:  
Fisheries  
Bulletin

## 2. Online publication (JARING)

### Descriptions

- ✓ Each issue were released every two months, which is six issues per year
- ✓ It contains the activities of the department at times and information on the latest circular from the federal
- ✓ It is for circulated among the staffs of department as for them to obtain latest information on the department and current directives

# (Sample: JARING (2014))



## Sample: List of JARING for year 2013





### 3. Technical publication



#### Descriptions

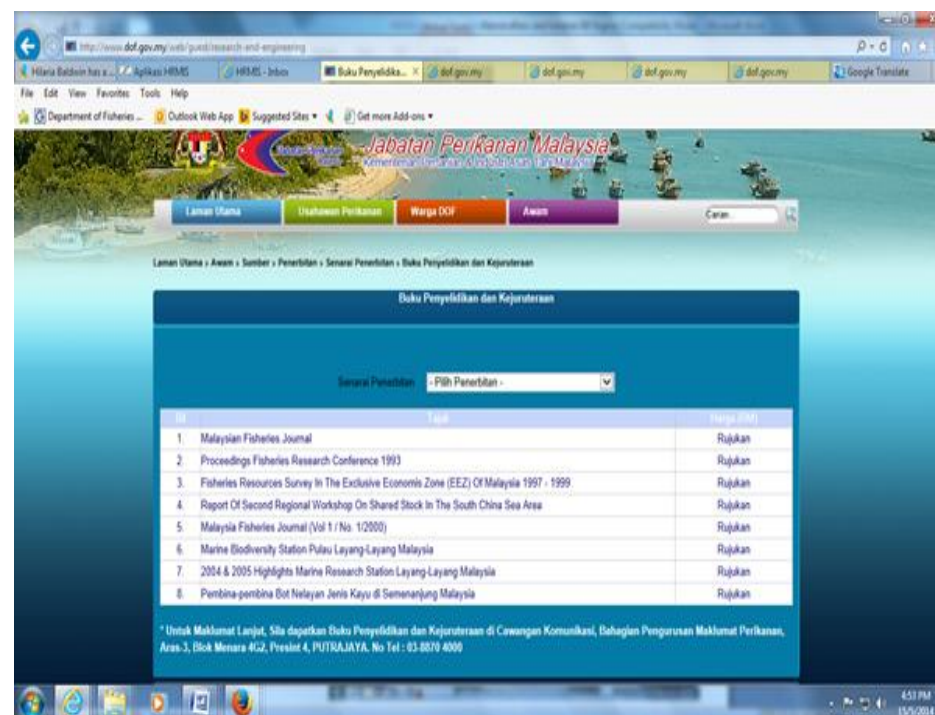
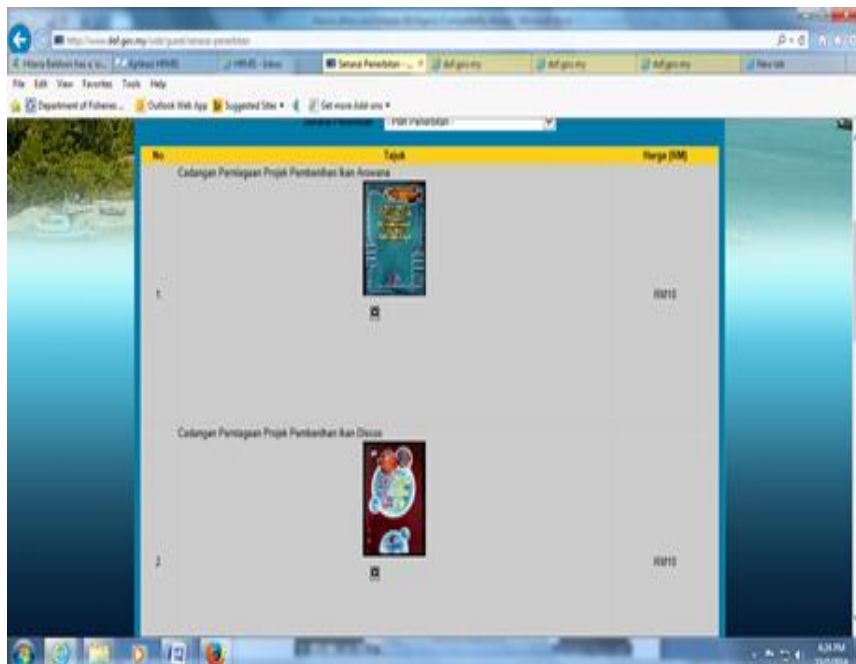
- ✓ This material is published based on current demand and readiness of the author
- ✓ It was written by the staff of the department that usually covers business proposal, extension paper, reference books and etc.
- ✓ These books are intended for the use as well as a reference to the stakeholders and interested parties

**Sample: Technical publication on Business Proposal for Arowana Fish Breeding Project**





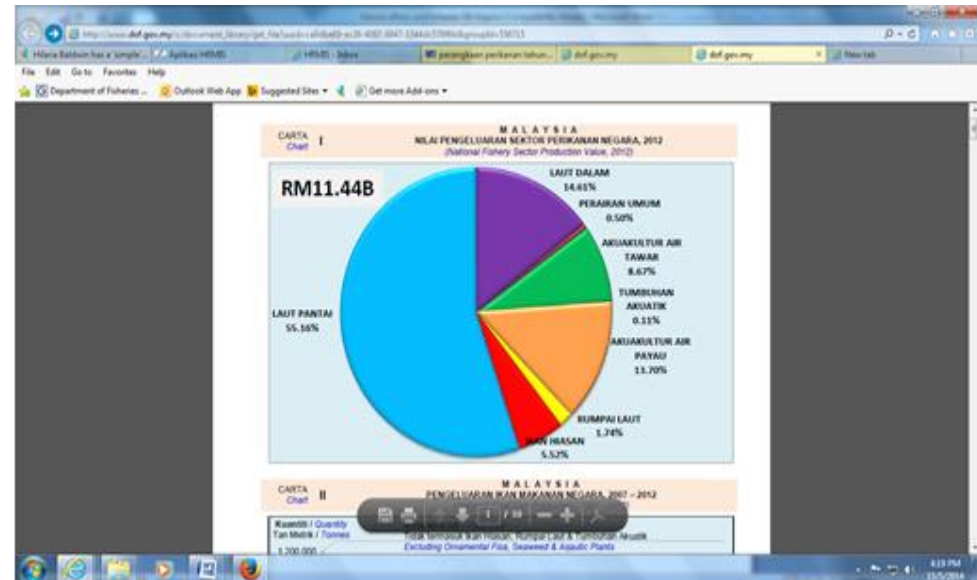
## Sample: List of Technical publications



### 3. Fisheries Statistics

## Descriptions

- ✓ These books were released two volumes per year which consist statistics for the previous year.
- ✓ It contains details on fishery production in Malaysia including the data from aquaculture, marine fisheries and also statistics of imports and exports.
- ✓ The fisheries statistics are as a reference to the stakeholders, academics and related parties



**MALAYSIA**  
KEDUDUKAN EKSPORT DAN IMPORT KOMODITI PERIKANAN MALAYSIA, 2011  
STATUS OF EXPORT AND IMPORT OF MALAYSIAN FISHERY COMMODITIES, 2011

Jadual 1 : Eksport dan Import - Nilai dan Kuantiti, 2010 dan 2011  
Table 1 : Export and Import - Value and Quantity, 2010 and 2011

Eksport / Import Export / Import	2010	2011	Perubahan Change (%)
Eksport / Export			
Kuantiti (Toni Metrik) / Quantity (Tonnes)	291,411	296,053	+1.59
Nilai (RM Juta) / Value (RM Million)	2,677.48	2,825.90	+5.54
Import / Import			
Kuantiti (Toni Metrik) / Quantity (Tonnes)	406,709	366,775	-10.04
Nilai (RM Juta) / Value (RM Million)	2,570.51	3,077.55	+19.75
Saldo Dagangan Balance of Trade (BOT)	+107.47	-211.65	-201.12

1. Kuantiti eksport komoditi perikanan (Jadual 1) pada tahun 2011 adalah 296,053 ton metrik, iaitu meningkat 1.59% berbanding tahun 2010. Jumlah nilai eksport komoditi perikanan pada tahun 2011 adalah RM2,825.90 juta, iaitu meningkat 5.54% berbanding tahun 2010.

2. Kuantiti import komoditi perikanan pada tahun 2011 adalah 366,775 ton metrik, iaitu menurun 10.04% berbanding tahun 2010. Jumlah nilai import komoditi perikanan pada tahun 2011 adalah RM3,077.55 juta, iaitu meningkat 19.75% berbanding tahun 2010.

Saldo dagangan pada tahun 2011 mengalami defisit RM211.65 berbanding surplus RM107.47 pada tahun 2010.

1. The export quantity of fishery commodities (Table 1) for the year 2011 amounted to 296,053 tonnes which is an increase of 1.59% compared to 2010. The total export value was RM2,825.90 million for the year 2011, increasing by 5.54% the year before.

2. The import quantity of fishery commodities for the year 2011 was 366,775 tonnes which was a decrease of 10.04% compared to 2010. The total import value of the fishery commodities for the year 2011 was RM3,077.55 million, increasing by 19.75% the year before.

The balance of trade for the year 2011 registered a deficit of RM211.65 million as compared to a surplus of RM107.47 million for the year 2010.

Sample: Fisheries statistic

# THANK YOU

## Further Information:

Department of Fisheries Malaysia,  
Ministry of Agriculture and Agro-based Industry,  
Lot 4G2, Precinct 4,  
62628 Putrajaya.

<http://www.dof.gov.my>

Tel : 603-8870 4000

Fax : 603-8889 2460

