

# VMS SYSTEM IN COMBATING IUU FISHING

Presented by ; Mr. Nguyen Van Phuc



# CONTENT

- I. LAW AND REGULATION
- II. FISHING VESSELS MONITORING SYSTEM (VMS)
- III. VMS OPERATION
- IV. INFORMATION MANAGEMENT AND FISHING VESSELS MONITORING
- V. OBSTACLES OF MCS IN VIET NAM
- VI. OBSTACLES AND RECOMMENDATIONS

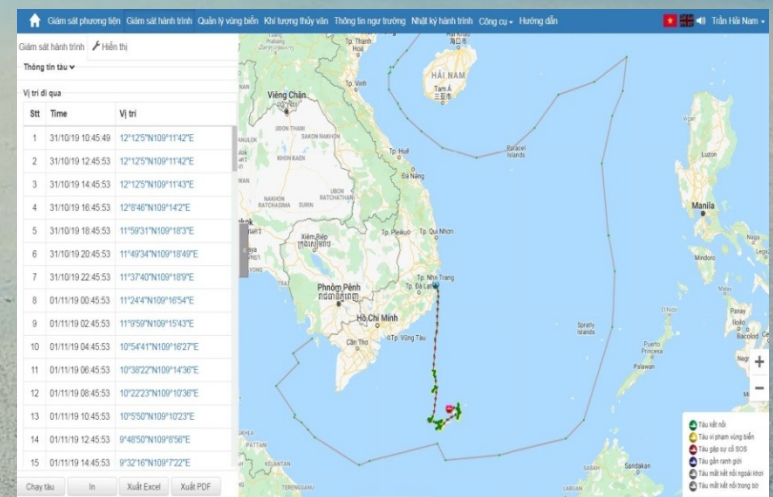
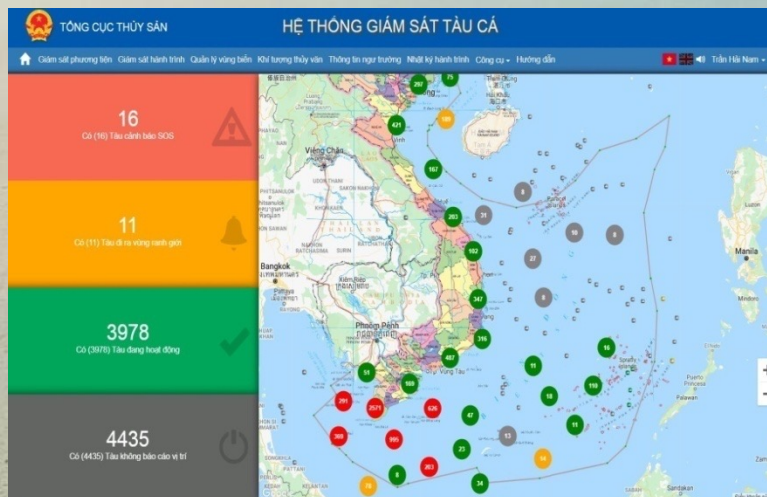


# I. LAW AND REGULATION

- Fisheries law (2017) stipulated, fishing vessels from 15m – up compelled to install VMS devices and must be completed before 1/4/2020
- VMS system has been set up at Directorate of Fisheries, decentralized and provided account to Sub-department
- + Information and VMS data is managed by DOF of Vietnam; Directly monitor fishing vessels with length from 24- up
- + Fishing vessels from 15-24m in length have been decentralised for sub-departments. Localities are responsible for monitoring, information processing this group of vessels

## II. FISHING VESSELS MONITORING SYSTEM (VMS)

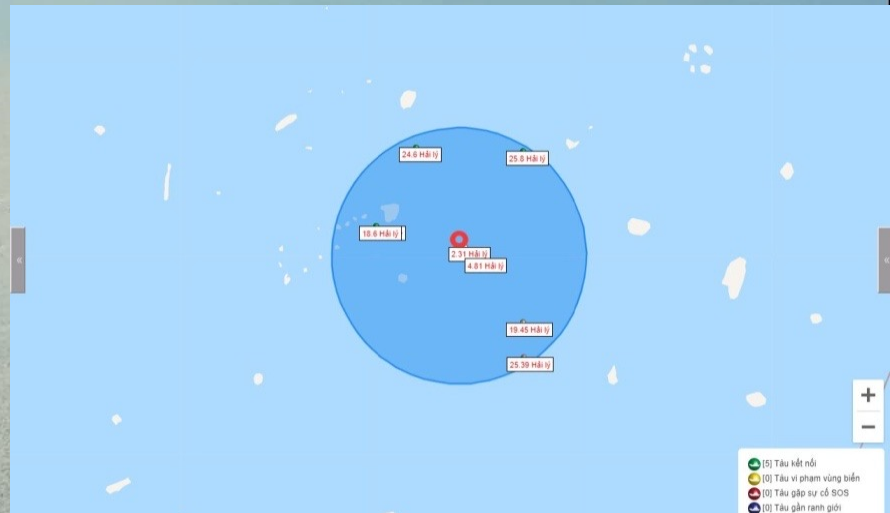
- VMS system has been recording information of 30.009 fishing vessels, include: location, route, and others
- Store and extract data of fishing boats are operating and losing connection at sea..
- Broadcast warning: when the boats go out of the allowed boundary line; go into MPAs;





## II. FISHING VESSELS MONITORING SYSTEM (VMS)

- The VMS system has been deployed from center to local levels.
- Sharing data and decentralizing the right to use the system for localities,
- Retrieving the fishing trip data to identify violated fishing boats and impose sanctions to IUU fishing boats
- Useful in natural disaster prevention, search and rescue on sea.



### III. OPERATING THE VMS SYSTEM

#### **1. Personnel operating the VMS**

DOF arranged human resource for operating VMS to ensure staffs on duty 24/24, divided in to 3 shifts

#### **2. VMS operation process**

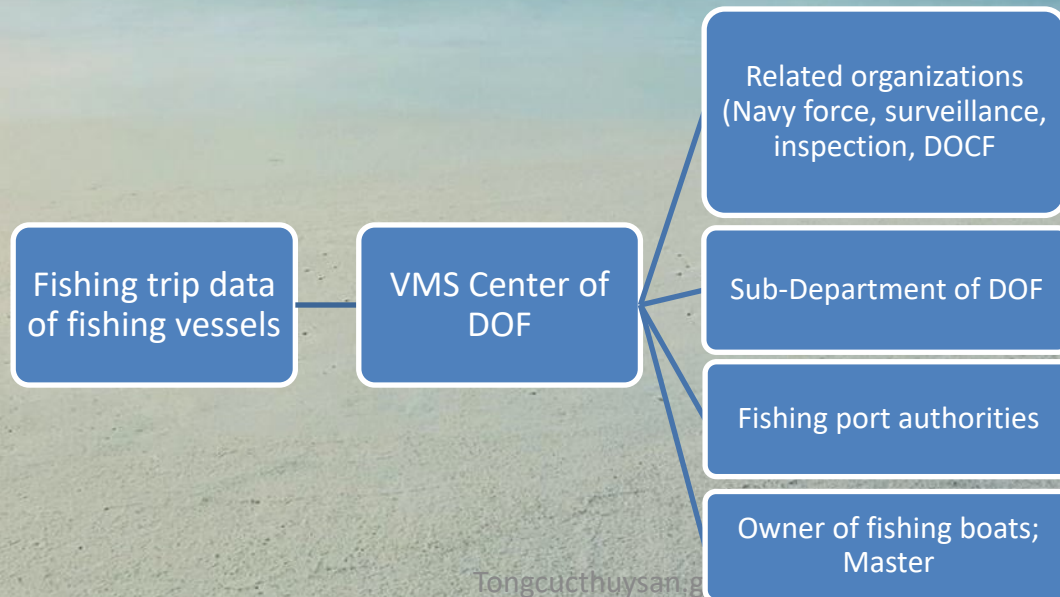
The VMS operation process has been approved by DOF of Viet Nam

VMS system operators and other relative departments must strictly compliance all the steps of VMS operation process



### III. OPERATING THE VMS SYSTEM

- Information of IUU fishing vessels outside the allowed fishing area must be informed to relevant departments.
- The results of the investigation and sanction have to be reported back to relevant authorities and VMV center.
- Fishing vessels that un-connected to satellite, during 6 hours must notify to sub-department and authorities by other communication channels



# IV. INFORMATION MANAGEMENT AND FISHING VESSELS MONITORING

## 1. Information management

- ID information:  
Fishing vessels name  
Port of registration  
Fishing license., etc.
- Owner:  
Address  
Email  
Phone number

Thông tin tàu

Đặc điểm tàu

Trang thiết bị trên tàu

| Thông tin nhận diện    |                            |
|------------------------|----------------------------|
| Tên tàu                | CM-95238-TS                |
| Số đăng ký             | CM-95238-TS                |
| Cờ hiệu                |                            |
| Số IMO                 | 00000000                   |
| Hồ hiệu                | 00000000                   |
| Quản lý                |                            |
| Chủ tàu                | Phan Thiện Thành           |
| Thuyền trưởng          | Đỗ Hoàng Toán              |
| Nghề chính             | Nghề câu - Câu tay mực ống |
| Nơi đăng ký            | Cà Mau                     |
| Nhóm tàu               |                            |
| Cảng đăng ký           | Cà Mau                     |
| Cảng cá phụ            | Cà Mau                     |
| Ngày đăng kiểm         | 01/01/18                   |
| Ngày hết hạn đăng kiểm | 01/01/20                   |



# IV. INFORMATION MANAGEMENT AND FISHING VESSELS MONITORING

## 2. Monitoring

- Fishing trip
- Location., etc

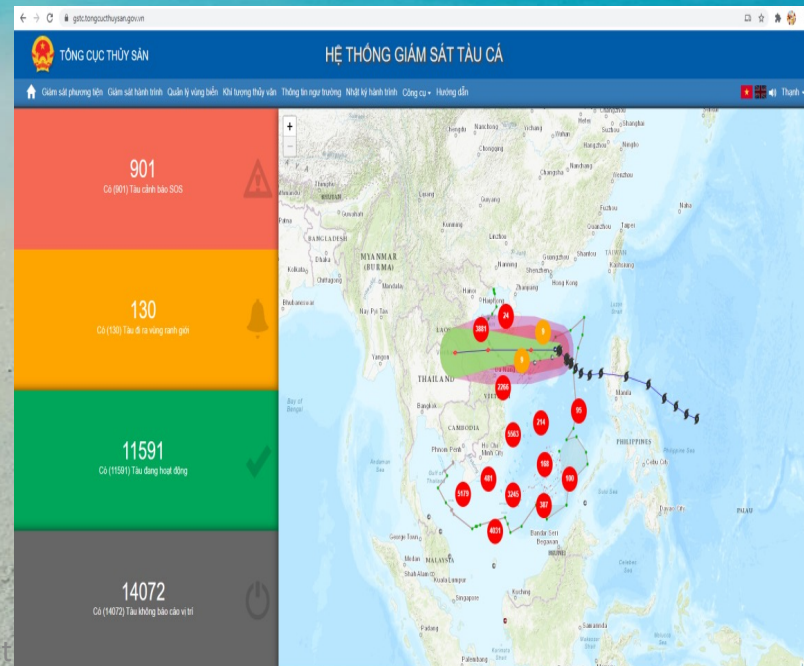
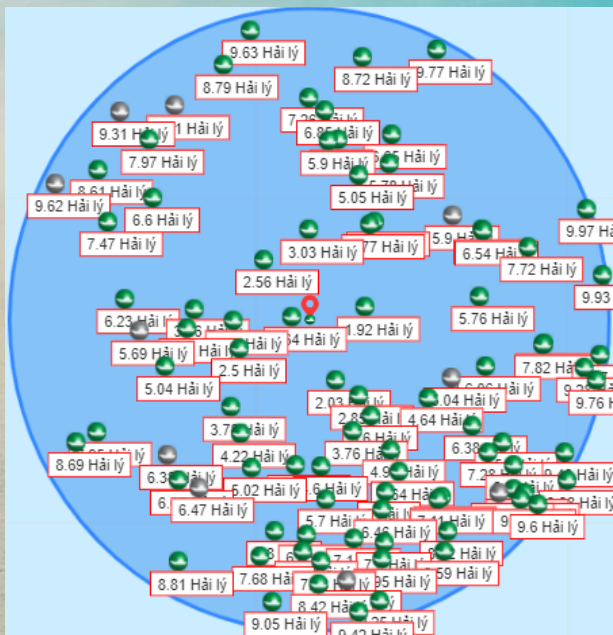


# IV. INFORMATION MANAGEMENT AND FISHING VESSELS MONITORING

## 3. Search and rescue

Show fishing vessels around accident fishing boats

Show the typhoon , location, direction.,ect





# V. OBSTACLES AND RECOMMENDATIONS

## 1. Obstacles:

- Fishing vessels are un-connected on sea and uncontrollable.
- Can not communicate directly to fishing vessels on sea
- Modules and tools to analyze and assess to risk of violation of fishing vessels at sea
- There is no specific solution and tools to control vessels entering and leaving the fishing port

# V. OBSTACLES AND RECOMMENDATIONS

## 2. Recommendations

- Rising the quality of human resource, training for staffs at sub-departments, fishing ports are operating VMS.
- Improving infrastructure to monitor fishing vessels entering and leaving the fishing port.



