

# Implementation and lessons learned of Thailand for MCS (PSMA) activities for combating IUU fishing



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# Outlines



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**Background**



2

**PSMA Implementation in Thailand**



3

**Risk assessment**



4

**Successful cases**



5

**Challenges**





# Background

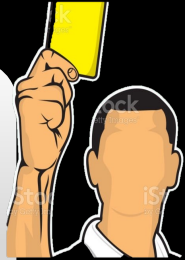
- Thailand is the biggest market for processed and canned tuna
- Tuna is highly migratory specie which is conserved and managed by regional and International
- Thailand imports approximately 800,000 tonnes of Tuna each year
- 80% of imported tunas transported through foreign refrigerated cargo vessels (94.4% Pacific Ocean and 5.6% Indian Ocean)
- Thailand fully implemented PSMA for controlling and inspecting foreign-flagged vessel and its tuna



# Intention on PSMA Implementation in Thailand



**Yellow Card From  
EU in 2014**



**Sustainable use of  
living marine  
resources and marine  
ecosystems**



**Adherence with  
International  
Instruments**



## Established national Policies and Plan for Tackling IUU

- Thailand NPOA-IUU
- Marine Fisheries Management Plan (FMP)
- Royal ordinance on Fisheries A.D. 2015 and its amendment A.D. 2017
- Sub-ordination Law
- IUU Free Thailand Policy

## Accession to be PSMA Parties

- Accession to be PSMA Parties in May 2019
- Established mechanisms for PSMA implementation

## Sustainability Responsibility and Credibility

- SDGs
- International Instruments including voluntary and legally-binding
- Traceability System
- Market-based Measures



# Development of PSMA Implementation in Thailand



<b>Oct 2014</b>	<b>Pilot Project with FAO at Phuket Port</b>
<b>Oct 2015</b>	<b>Voluntary Implemented of PSMA</b>
<b>Nov 2015</b>	<b>Established Royal Ordinance on Fisheries A.D. 2015</b>
<b>Jan 2016</b>	<b>Established 1) Designated Ports for foreign-flagged vessels, 2) Period for submit Advance Request For Port Entry (AREP), 3) AREP form, 4) Required documents</b>
<b>May 2016</b>	<b>Accession to be PSMA Party</b>
<b>May 2017</b>	<b>Enforced to apply Thailand e-PSM system</b>
<b>Jun 2017</b>	<b>Amended Royal Ordinance on Fisheries A.D. 2015 and Established Royal Ordinance on Fisheries A.D. 2017</b>
<b>Jun 2018</b>	<b>Fully Enforced to apply Electronic Traceability System known as PSM linked and Processing Statement System (PPS)</b>
<b>Jun 2021</b>	<b>Amended 1) Designated Ports for foreign-flagged vessels, 2) Period for submit Advance Request For Port Entry (AREP), 3) AREP form, 4) Required documents</b>
<b>May 2022</b>	<b>Applied PSMART Platform to be tool for investigation and analysis vessel behavior by AIS system</b>

# The 4 key Mechanisms of Thailand to implement PSMA



**1. Policies and Legal Framework**



**2. Monitoring Control and Surveillances (MCS) Scheme**



**3. Electronic Traceability System for imported fish and fishery products**

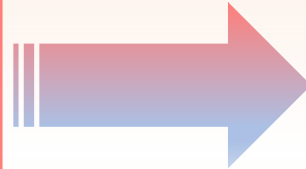


**4. Cooperation with inter-agencies, third countries, RFMOs and international Organizations**



## National Policies for Tackling IUU Fishing

- ☺ Thailand NPOA-IUU
- ☺ Thailand NPCI-IUU
- ☺ FMP
- ☺ IUU Free Thailand Policy



## Legal Framework

- ☺ Royal Ordinance on Fisheries A.D. 2015
- ☺ Royal Ordinance on Fisheries A.D. 2017 (Amendment)
- ☺ Department of Fisheries Notification on a non-Thai fishing vessel that has undertaken illegal, unreported and unregulated fishing
- ☺ Notification of Ministry of Agriculture and Cooperatives On Advance Data Reporting, and Determining Ports for Non-Thai fishing vessel wishing to enter the Kingdom
- ☺ Notification of Ministry of Agriculture and Cooperatives On Determination of Practice on Notification for Entry the Kingdom of Thailand of Fishing Vessel Operating Artisanal Fishing in Waters of Neighboring Countries Connecting to the Kingdom A.D. 2018



# MCS Schemes and PSMA Inspection Procedures



**1. Before port entry**



**2. Vessel inspection at port**



**3. Offloading control**

# 1 Before port entry

Profile risk based

Behavior risk based



Ship agent submitted AREP and required document via PPS before 72 hrs



DOF checks AREP and requested documents



DOF analyzes vessel behavior through the PSMART and other tools for risk assessment

Marine Department



Customs Department



Ship agent



DOF sends NOTI via PPS



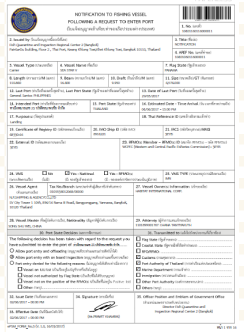
DOF issues NOTI



Law

Royal Ordinance of Fisheries

Section 94 95 and 97



NOTI

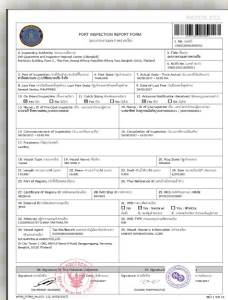




**LAW**

**Royal  
Ordinance of  
Fisheries**

**Section 96  
and 102 (4)**

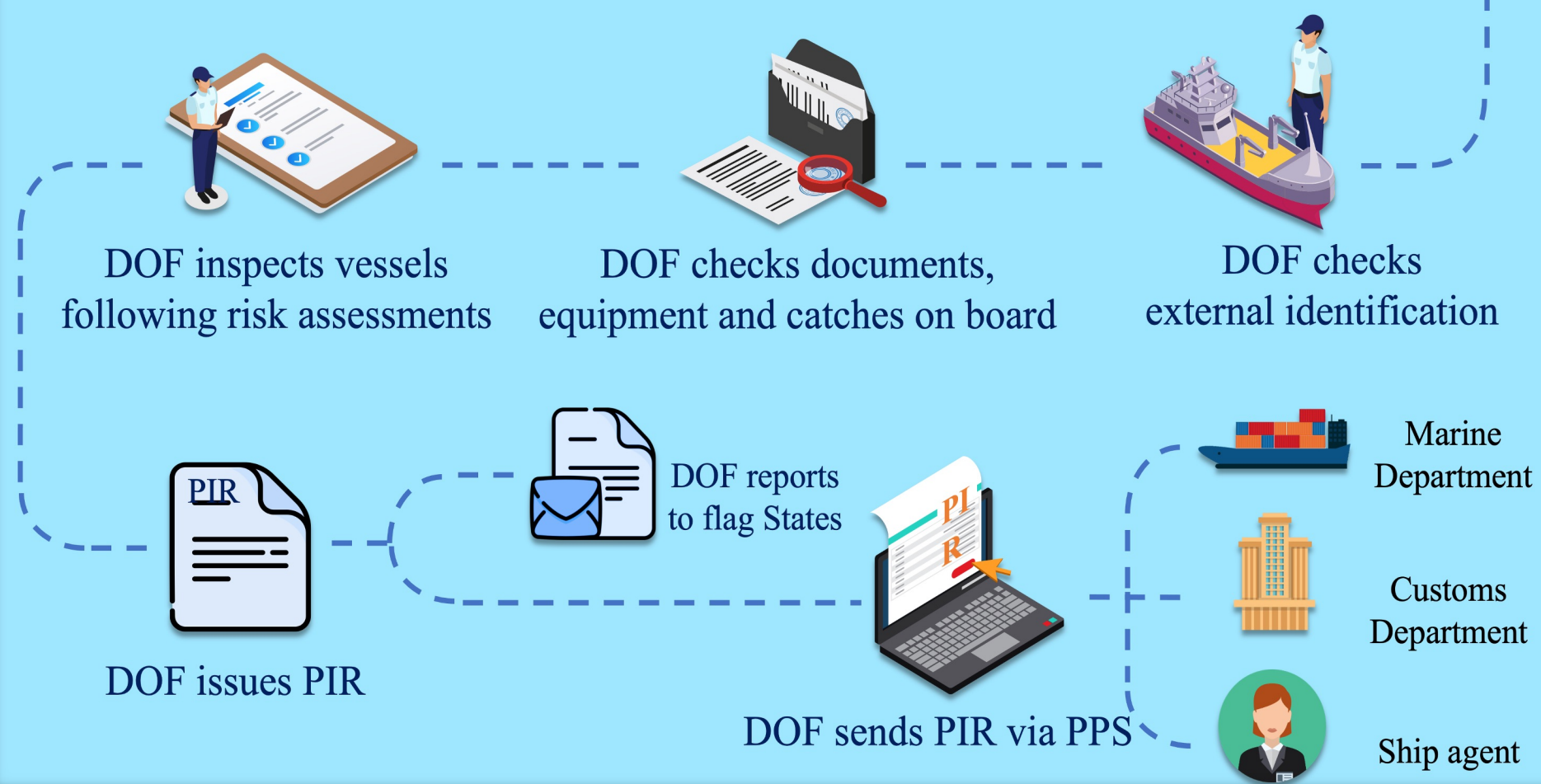


**Port Inspection  
Report (PIR)**



# Vessel inspection at port

2



DOF inspects vessels following risk assessments

DOF checks documents, equipment and catches on board

DOF checks external identification

DOF issues PIR

DOF reports to flag States

DOF sends PIR via PPS

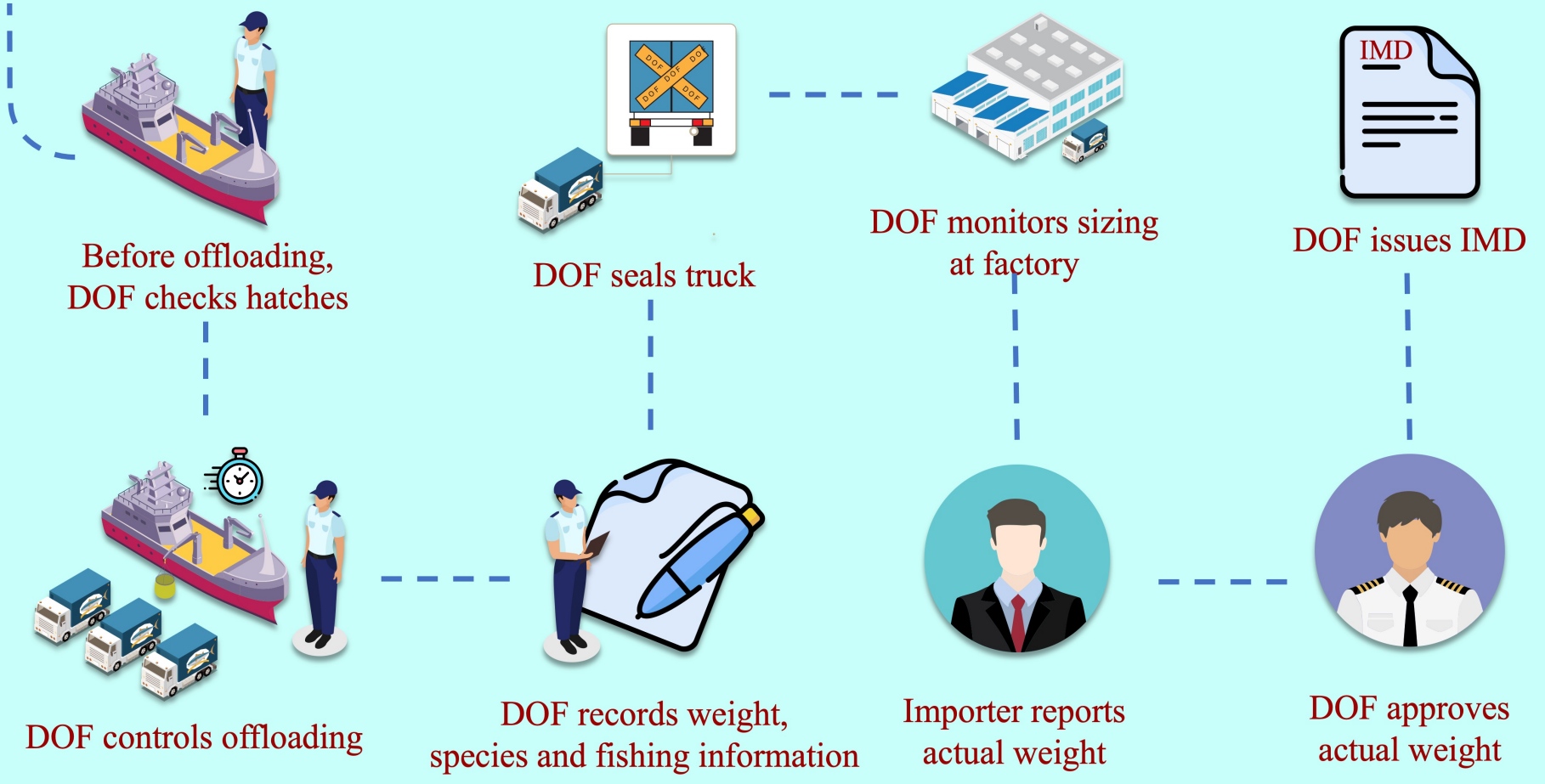
Marine Department

Customs Department

Ship agent



# 3 Offloading control



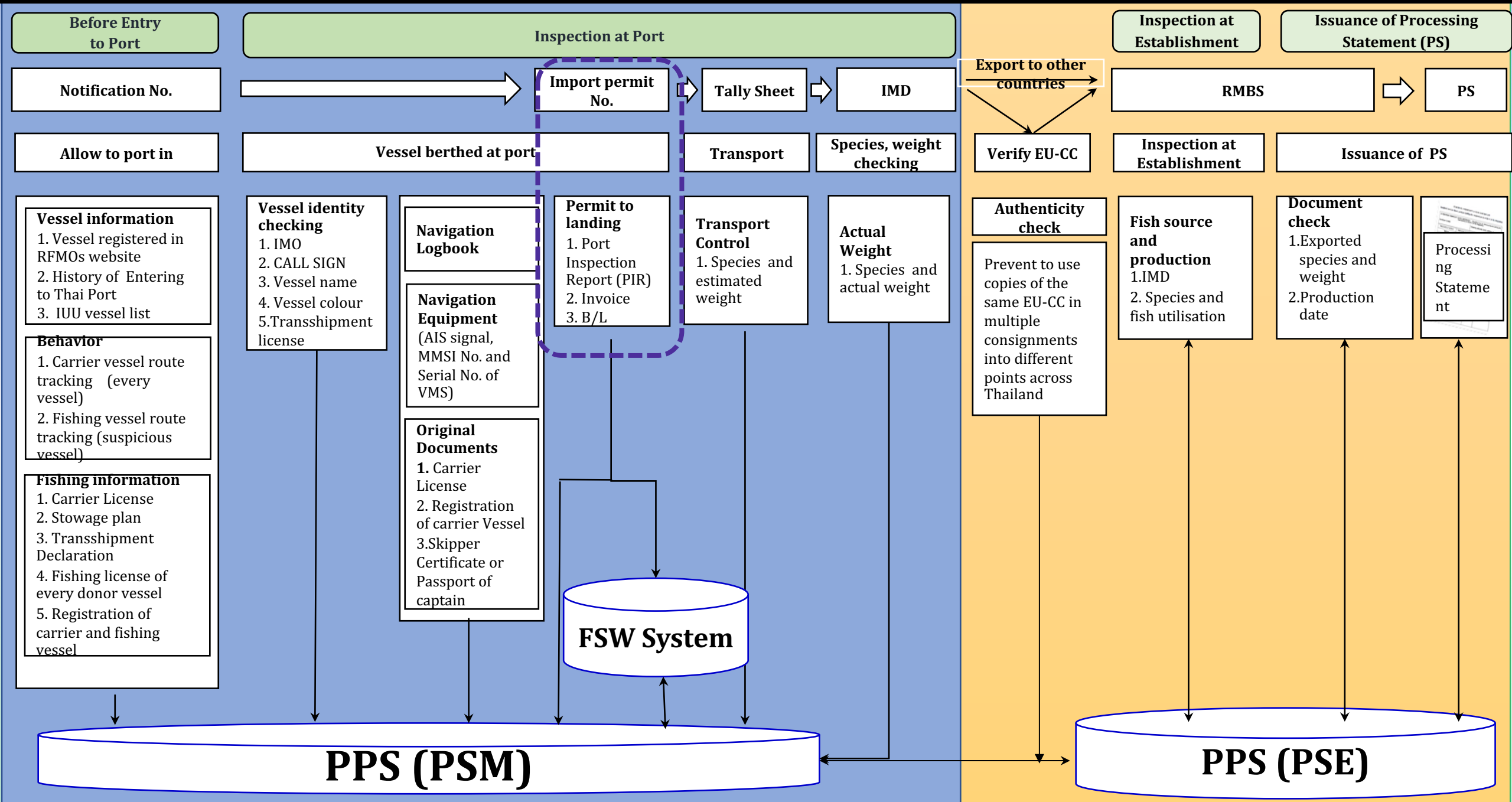
## LAW

Royal Ordinance of Fisheries

Section 96 and 102 (4)

Section 102 (2)

# TRACEABILITY ON IMPORTED FISH



# Cooperation with inter-agencies, third countries, RFMOs and international Organizations



## Inter-agencies

- ☺ MOU with Marine Department
- ☺ MOA with Customs Department
- ☺ MOU with Thailand Maritime Enforcement Command Center (Thai-MECC)

## Third Countries

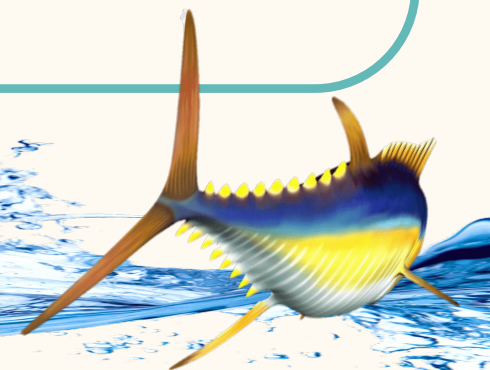
- ☺ MOU with Third Countries including PNG Myanmar Cambodia Korea Fiji Philippines Japan in pipe line with Malaysia
- ☺ Training by Australia and USA

## RFMOs and regional Bodies

- ☺ FFA
- ☺ IOTC
- ☺ SIOFA
- ☺ SEAFDEC
- ☺ ASEAN

## International Organizations

- ☺ NGOs: EJF, IJM OceanMind Global Fishing Watch and Pew Charitable Trusts
- ☺ FAO
- ☺ IMCS Network





## *3. Risk Assessment*

3.1 Profile Risk Based

3.2 Behavior Risk Based



## *3.1 Profile Risk Based*



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RFMOs list (authorized list and IUU list)

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IMO number

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Recent change of vessel flag or ownership

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History of suspected or IUU of vessel and owner

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First time or First Flag coming



# Connection for assessment of profile risk



**based**



**VESSEL**



Company  
of Ship  
agent and  
vessel



Vessel in  
the same  
company



Assess the  
profile risk



## 3.2 Behavior risk based by AIS Tracking via PSMART



# 5. Challenges

- Capacity building on AIS analysis of FADs activities and new pattern to follow the fishermen
- Unclear Law Regulation and CMMs
- Changing pattern of Fishers to avoid some activities
- Non Transmission AIS
- Cooperation on information exchange for verification fishing activities







# Thank You for your Attention



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