

## OLE and the PSMA Overview

NOAA FISHERIES Office of Law Enforcement

The Regional Training on PSM Implementation in Southeast Asia Bangkok, Thailand

20-23 February 2018

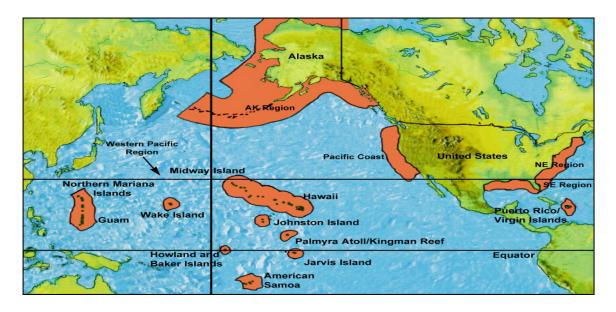
## **NOAA OLE**

- Headquarters in Silver Spring, MD
- Five Divisions co-located with Regional Offices
- 53 field offices throughout the U.S. and territories
- 71 Special Agents
- 62 Enforcement Officers
- 62 Support Staff





## **U.S. Primary Jurisdiction**



- 3.36 million square miles of open ocean
- More than 95,000 miles of U.S .coastline

**OAA FISHERIES** 

- 13 National Marine Sanctuaries and 4 National Marine Monuments
- High seas and international trade relating to U.S. treaties and international law

### **Primary Laws OLE Enforces**

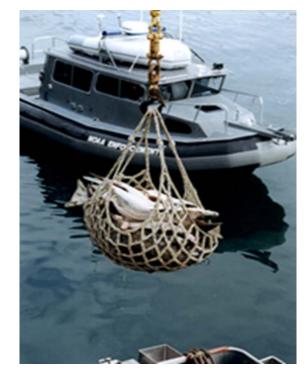


- Magnuson-Stevens Fishery Conservation and Management Act
- Endangered Species Act
- Marine Mammal Protection Act
- Lacey Act
- Port State Measures Agreement Act of 2015 (PSMA)
- National Marine Sanctuaries Act



## **Law Enforcement Operations**

- Patrols & Inspections
- Investigations
- 28 State Cooperative Enforcement Partnerships
- Cooperation with U.S. Coast Guard
- Federal Partnerships (USFWS, CBP)
- Compliance Assistance & Education
- Nationwide Satellite based Vessel Monitoring System (VMS)
- Prosecution Partnership
  - NOAA Office of General Counsel Enforcement Section
  - U.S. Department of Justice



Using VMS, NOAA Enforcement monitors more than <u>4,500</u> <u>vessels</u> to ensure compliance and provides data to the U.S. Coast Guard, State and Territory partners, NOAA scientists, and fisheries managers.

## Law Enforcement – International

- Investigations of Illegal Unreported & Unregulated (IUU) fishing activity and trafficking in IUU fish & fish products
- Fisheries enforcement technical assistance to combat IUU fishing
- Engagement in bilateral and multilateral arrangements to combat IUU fishing
- Port State Measures and other IUUrelated agreements & legislation
- Coordination with international organizations (e.g. INTERPOL, International MCS Network)
- Presidential Task Forces on Wildlife Trafficking & IUU Fishing/Seafood Fraud



## **OLE Analyst Team**

#### **Three Full-time Analysts:**

- Diverse intelligence backgrounds and experience
- Access to a variety of law enforcement and open source systems
- Experienced in the use of multiple analytical tools and methodologies





## **Analytical Team Mission and Support**

## Provide research and analysis in support of OLE enforcement mission:

- Investigative operations support
- Compliance monitoring
- International Agreements and Policies
- Congressional reporting requirements



#### **Partnerships – US Government**

#### **Established:**

- Coast Guard
- Customs and Boarder Protection
- Commercial Targeting and Analysis Center CTAC
- Navy
- INTERPOL
- U.S. Fish and Wildlife Service
- Immigration Customs Enforcement (ICE)



### **The Port State Measures Agreement**

- Requires commitment to exercising existing authorities.
- Cost-effective tool to fight IUU fishing by:
  - Closing "ports of convenience."
  - Denying IUU fish and fish products from entering global markets.





#### **Objective**

To prevent, deter and eliminate IUU fishing through the implementation of effective port State measures, and thereby to ensure the long-term conservation and sustainable use of living marine resources and marine ecosystems.





#### What are "Port State Measures"?



Measures taken by a country pursuant to its sovereign authority over its internal waters, including its ports.

"Port State" authority provides a basis for actions to be taken against foreign-flagged vessels, as distinguished from a country's "flag State" authority over its own vessels.



#### What Measures May a Port State Take?

#### Restriction of:

- Entry into port
- Use of port
- Access to port services
- Inspection
- Other enforcement activities



Port States have broad authority to take such measures, subject to certain limitations, including *force majeure*.



#### **Scope of the PSMA**

Primary obligations apply to foreign-flagged vessels seeking entry to, or in, the port of a Party.



#### (with exceptions for artisanal vessels and container ships)



#### **Scope of the PSMA**

- <u>Fish</u> –means all species of living marine resources, whether processed or not.
- <u>Vessel</u> any vessel, ship of another type or boat used for, equipped to be used for, or intended to be used for, fishing or fishing-related activities.





## **Scope of the PSMA**

• Fishing-Related Activities – any operation in support of, or in preparation for, fishing, including the landing, packaging, processing, transshipping or transporting of fish that have not been previously landed at a port, as well as the provisioning of personnel, fuel, gear and other supplies at sea.





## **Key Obligations**

- Designation of ports
- Advanced request for port entry
- Denial of entry into port and access to port services
- Inspections
- Flag State control
- Information sharing
- Capacity building





## Pre-Arrival Activities and Conducting IUU Fishing Risk Assessments

**NOAA** FISHERIES

DEPARTMENT OF CON

NOAA

NATIONAL

Office of Law Enforcement

The Regional Training on PSM Implementation in SE Asia Bangkok, Thailand

20-23 February 2018

## Collection and Evaluation of Annex A Information



## **Advance Request for Port Entry**

The advanced notice is used to initiate assessments on whether to allow or deny a vessel port entry.

- Many RFMO's have port inspection requirements that require an advanced screening of vessels.
- This is a requirement of the PSMA (collection and evaluation of Annex A information)



## **Advance Request for Port Entry**

- It is recommended that flag States consider creating regulations (if not already in place) that require that this information be submitted at least 24 hours in advance.
- Information to be provided:
  - Vessel Identification
  - Purpose of visit
  - Fishing authorizations
  - Transshipment information
  - Catch onboard





#### **Advanced Request for Port Entry**

1. Inter	ided port of call
2. Port	State
3. Estir	nated date and time of arrival
4. Purp	ose(s)
5. Port	and date of last port call
6. Nam	e of the vessel
7. Flag	State
8. Type	of vessel
9. Inter	national Radio Call Sign
10. Ves	sel contact information
11. Ves	sel owner(s)
12. Cei	tificate of registry ID
13. IM	O ship ID, if available
14. Ext	ernal ID, if available
15. RF	MO ID, if applicable

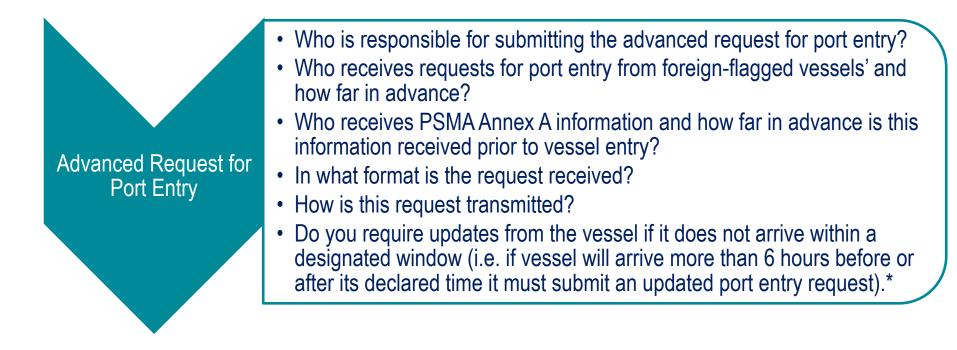


#### **Advanced Request for Port Entry**

16. VN	5. VMS		No		Yes:		National		es: RFMO(s)		s)	Type:			
17. Vessel dimensions			L	ength		Bear		eam		Draft		ft			
18. Vessel master name and nationality															
19. Relevant fishing authorization(s)															
Identifier		Ist	Issued by		Validity		Fishing area(s)			Species			Gear		
												_			
20. Re	20. Relevant transshipment authorization(s)														
Identifier		Issued	by		Validity										
Identifier			Issued by			Vali		lidity	lity						
21. Transshipment information concerning donor vessels															
Date	Location Nan		Name	e F	Flag State	ID number		Specie	:5	Produ form		Catch area		Quantity	
	-		_					2							
22. Total catch onboard   23. Catch to be										be o	ffloaded				
Species		P	Product form		Catch a	ch area		Quantity			Quantity				



#### **Advanced Request for Port Entry**



\*This point is valuable for operational implementation but is not a requirement of the PSMA. It is important to have accurate information regarding a vessel's arrival and a requirement to update this information if significant changes occur is important to include in regulations / national law.



## Investigation of Vessels and their Owners: Preliminary Steps

#### **Step 1: Notification**

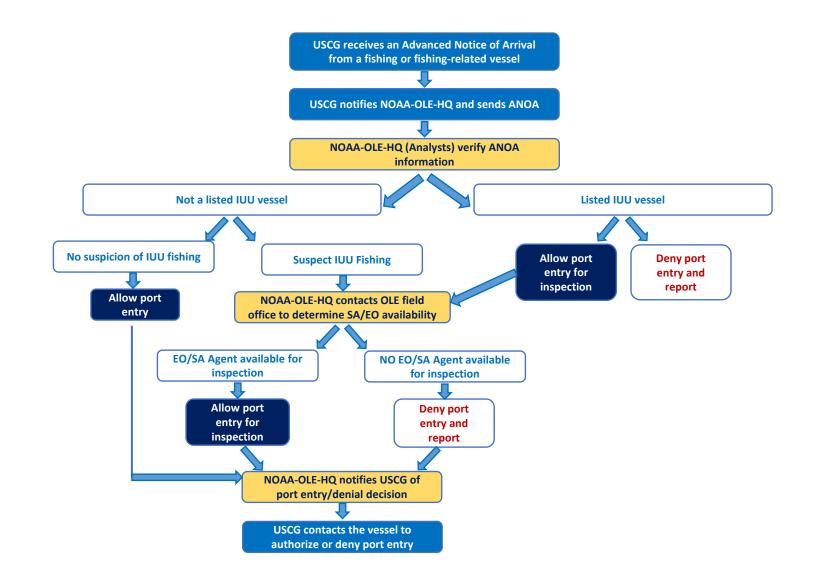
- USCG Ship Arrival Notification System
- Access via cooperative arrangement with U.S. Coast Guard
- Pre Arrival information: Ports, dates, crew, cargo description, other details



# Screening of Advanced Notice of Arrival Information







#### **Investigation of Vessels and their owners**

#### Step 2: Assessment

- Why was this vessel flagged?
- Is this notification in error?
  - e.g., Cargo vs Landing Issues, for instance "fish oil"
  - Vessel/Firm Name Similarity to:
    - Known IUU Vessels
    - Other terms that trip notifications



## **Advanced Request for Port Entry (Continued)**

- Who examines the advanced request for evidence of IUUF?
  - How is intelligence regarding IUUF shared among authorities?
  - Who receives such information (including requests for inspection) from other parties?
  - How are the results of the pre-arrival screening shared and with whom?



Vessel Screening

# Port State Measures vs. Other Types of Vessel/Entity Research

#### For NOAA OLE PSMA is a task that:

- Mandated by International Agreement
- Requires a reaction plan for Vessels of Interest or Listed IUU vessels in our ports



#### **Investigation of Vessels and their Owners**

#### Two broad areas:

- Regional Fisheries Management Organizations (RFMOs) and other International Agreements research of vessels & related entities in connection with U.S. participation
- Port State Measures due diligence re: U.S. monitoring of foreign fishing vessel arrivals in its ports



## Vessel Information Sources & Methods



## Vessel Information Sources & Methods Defining the Challenge:

Verification of vessel identity, history, ownership, location and activity in a global environment where various factors combine to inhibit this knowledge



## **Vessel Information Sources & Methods**

#### Suspicion of IUU fishing-related activities:

- Information from previous boardings
- National intelligence
- Intel from another country
- Information from an international organization (*e.g.*, RFMO, INTERPOL Purple notice)



#### **Vessel Information Sources - Internal**

- U.S. Coast Guard
  - Ship Arrival Notification System
  - Vessel Reports
- U.S. Customs Satellite Based AIS
- NOAA OLE
  - Case Database
  - Reports from OLE Regions



### **RFMO IUU Vessel Lists**

- CCAMLR (<u>https://www.ccamlr.org</u>)
- IATTC (<u>https://www.iattc.org/</u>)
- ICCAT (<u>https://www.iccat.int/en/</u>)
- IOTC

(http://www.iotc.org)

- NAFO (<u>http://www.nafo.int</u>)
- RPOA (<u>http://rpoa-iuu.org/</u>)
- SPRFMO (<u>https://www.sprfmo.int</u>)
- WCPFC (https://www.wcpfc.int/)



#### **Other Useful Information from RFMOs**

#### **Vessel Listings**

- Ownership Details/Changes
- Crew Details
  - Crew size/Vessel
  - Gear Type
- Vessel Pictures & Specifications
- Permissions



## Example: WCPFC Vessel Listing Fields

- Owner Name:
- Owner Address:
- Master Name:
- Master Nationality:
- Reg Port:
- Built in Country:
- Built in Year:
- Crew:
- Length:
- Length Units:
- Length Type:
- Moulded Depth:

- Moulded Depth Units
- Beam:
- Beam Units:
- Tonnage:
- Tonnage Type:
- Engine Power:
- Power Units:
- Freezer Types:
- Freezing Capacity:
- Freezing Capacity Units:
- Number of Freezers:
- FishHold Capacity

- FishHold Cap Units:
- Communication Details:
- Fishing Methods:
- Flag:
- Registration Number:
- IRCS:
- Vessel Type:
- WIN:
- IMO-LR:
- VID:
- Submitted by CCM:



#### **IUU Vessel Lists by NGOs**

#### • Greenpeace

(http://www.greenpeace.org/international/en/campai gns/oceans/pirate-fishing/Blacklist1)

- Official Blacklist
- Greenpeace Blacklist
- Trygg Mat Combined IUU Vessel List (<u>http://www.tm-tracking.org/</u>)



#### The Positives of International IUU Vessel Lists

International IUU Vessel Lists Do A Good Job of:

- Identifying High Profile Problem Vessels for an International Community of Interest
- Making difficult for offending parties to conduct normal business operations once they are on the list
- Establishing Consensus



#### **Limitations to IUU Vessel Lists**

#### A Problem of Scale:

- Global Motorized Fishing Vessels = 2 million +
- (Source: UN FAO 2006)
- IUU Combined Vessel List = Approximately 250 Vessel

#### Subject to Political Factors

Consensus of RFMO Members



#### **Limitations to IUU Vessel Lists**

#### Countermeasures:

- Vessels are Difficult to tie to Owner (*e.g.*, shell companies)
  - Problem Encountered? New Company!
  - Enabling Parties: Law Firms, Vessel Licensing firms, Crewing agencies, Certain flagging nations
- Name/Identity Changes
- Dispose and Replace same operators, different vessel







#### **External Sources**

#### UN – FAO Fishing Vessel Finder (http://www.fao.org/figis/vrmf/finder/search/#.WQxYxBPyupo)

- Large Database with Impressive controls
- Continuing Development

#### Tokyo MOU – Port State

(<u>http://www.Tokyo-</u> mou.org/inspections\_detentions/psc\_database.php)

- 20 Asia/Pacific Members (Including ROK)
- Records of Labor/Saftey
   Inspections/Violations/Detentions, rather than IUU
- Useful: Vessel location & Conditions

#### **External Sources – NGOs**

NGO Studies – may be inclusive of:

- Lists of vessels thought to be involved in Illegal Fishing
- Lists of Vessels in Areas where IUU Activity is Prevalent
- Accounts of Incidents in which select FVs were involved



#### **External Sources – NGOs**

#### Positives:

Often contain exhaustively researched and very specialized information

Negatives:

- Not a consistent source of data
- May contain bias



#### **Vessel Crewing & Hobbyist Sites**

#### For Example:

- SHIPSPOTTING.COM
- SHIP JOBs

(http://crewdata.com/index.php) - Russian

Employment Related site

MyShip.Com



#### **Commercial Vessel Databases**

#### For Example:

- Lloyd's MIU (Sea Searcher) -<u>http://www.lloydslistintelligence.com/llint/index.htm</u>
- Lloyd's Fairplay (Seaweb) <u>http://www.sea-web.com/seaweb\_welcome.aspx</u>
- Equasis –

http://www.sea-web.com/seaweb\_welcome.aspx



#### **Commercial Vessel Databases**

Strengths:

- Comprehensive most vessels with IMO #s
- International Standards
- Specialized Info:
  - Safety violations
  - Overhauls
  - Engine specs & other equipment data
  - Dead vessels
  - Flagging history

#### **Commercial Vessel Databases**

Limitations:

- Best Info is for legitimate vessels
- Subscription is very expensive
- Globally, most FVs lack IMO #s
- Info from dodgy operators accepted: ABC Shipping 35A Regent Street, Jasmine Court, Suite 101, P.O. Box 1777. Belize City, Belize
  - Company officers?
  - Affiliated firms?
  - Incorporation documentation?

#### **Vessel Information Sources & Methods**

#### **Commercial Vessel Industry Sources**

#### El barco Detalla

Categoría Principal Fishing Vessels Send Your Mail									
Envíe el TipoTrawler									
Ship Name *********	Construyó Año	1967							
Capacidad 688 GRT	Valore la Idea	********* Million USD							
LOA/B/D									
LOA 56.2 M Bread	th 8.53 M	Depth 5.18 M							
la Ubicación del Barco	******** Scrap	NO							
Descripción repleta									
Built: 1967 Norway, Hatl© <sup>a</sup> Verksted, Ulsteinvik									
Conversions: 1987 Lengthened									
1988 gear/prop. changed									
Class: Hinship (Former DNV +1A1, Fishing vessel S)									
Tonnage: 688 GT 302 NT									
Dimensions: Loa 56.20 x Beam 8.53 x Depth 5.18 m									
Main engine: 1710 BHP M	IWM, installed 1978	}							
-									

#### Source:http://www.marinedigital.com



#### **National Vessel Registries**

Russia: <u>http://www.rs-class.org/en/</u> Korea: <u>http://www.krs.co.kr/eng/main/main.aspx</u>

Strengths:

- May include info which doesn't show-up readily on generalized Internet Searches
- May include records of violations, suspensions and other regulatory records

#### Limitations - Most Nations do not keep online



### **Commercial AIS Sites**

- EBHAYI
- IMO: -
- MMSI: 601105000
- Call Sign: ZR6825
- Flag: South Africa [ZA]
- AIS Vessel Type: Fishing
- Gross Tonnage: -
- Deadweight: -
- Length Overall x Breadth Extreme: 36m × 8m
- Year Built: -
- Status: Active
- For Example: <u>http://www.marinetraffic.com/</u>





#### **Commercial AIS Sites**

#### **Advantages**

- Free
- Often Current
- Inclusive of FVs with Maritime Mobile Service Identity #s,
- MMSI#s but without IMO #s
- Sometimes reveal otherwise unannounced changes in
- Identification

#### Limitations

- AIS Can be Turned off
- Vessel Identities may not be verified
- Anonymity Permitted in at least some areas/Circumstances

#### **Foreign Legal Sources**

#### Advantages:

- May Provide:
  - Names of Company officers
  - Ongoing legal infractions in which a particular vessel or its owners are involved
  - Company addresses or other particulars

#### Limitations

• Very Rare



#### **Example of Foreign Legal Documentation**

Decree number 5-1010 / 2015 dated 14 August 2015, case number 5-1010 / 2015

Petropavlovsk-Kamchatsky city court (Kamchatka Krai) - Administration

Case number 5-1010 / 2015 Petropavlovsk-Kamchatsky CITY COURT , Kamchatka Krai 683009, Kamchatka region, Petropavlovsk-Kamchatsky, <address>

#### DECISION

«14» August 2015 Petropavlovsk-Kamchatsky Judge Petropavlovsk-Kamchatsky city court Kamchatka Territory Loshakov Taras Nikolaevich when Secretary FIO7 examined the case on an administrative offense under Part 2 of Article 8.17 of the Code of Administrative Offences in respect of:

foreign FIO3 "FIO2 »(« Sonos Investment Ltd »), situated Whitfield Tower, 3rd floor, 4792 Coney Drive, PO box 1777, <address>, Belize (Withfield Tower, 3rd floor, 4792 Coney Drive, PO box 1777, Belize City, Belize),



#### **Verification of Vessel Identifiers**

International Maritime Organization Numbers (IMO)

- IMOs: One Means of Verification: IMO # Formula
   6 Sequential Digits followed by a control number.
- Control Formula Example: IMO 9074719 ← Control
   Number



Vessel Information Sources & Methods Control Formula Example: IMO 9074719 Control  $7_{65}1111$ 

First, identify each number's position in the number sequence from right to left, leaving out the control number.

For example, the digit 1 in 90747<u>1</u>9, is the 2<sup>nd</sup> number from the right.



Vessel Information Sources & Methods Control Formula Example: IMO 9074719 Control  $7^{1}_{65432}$ 

Multiply each digit by its position in the sequence and take the sum:  $(9\times7) + (0\times6) + (7\times5) + (4\times4) + (7\times3) + (1\times2) = 137$ 



# Vessel Information Sources & Methods Control Formula Example: IMO 9074719 Control $7_{65432}^{111}$

#### Compare the last digit of the IMO number to the last digit of the sum: $(9\times7) + (0\times6) + (7\times5) + (4\times4) + (7\times3) + (1\times2) = 137$



# Vessel Information Sources & Methods Control Formula Example: IMO 9074719 Control $7_{65}^{11}_{43}$

Compare the IMO Check Number to the last digit of the sum:  $(9\times7) + (0\times6) + (7\times5) + (4\times4) + (7\times3) + (1\times2) = 137$ 

#### Do they match??



Vessel Information Sources & Methods MMSI - Realize prefixs are based on region, country, Examples:

- 2 Europe (For example Italy = 247)
- 3 North & Central America, Caribbean (CND = 316)
- 4 Asia (PRC: 412, 413, and 414)
- 5 Oceania (New Zealand =512)
- 6 Africa (Eritrea = 625)
- 7 South America (Peru =760)

# Summary: Vessel Information Sources General Observations

- Need for prioritization Identify Factors:
  - $\odot\,$  That indicate a routine, low priority vessel
  - That signal a need for initial scrutiny
  - Identify factors that require further scrutiny
- No Single "Magic" Source
  - Need to check info from multiple sources
  - Need to combine information to reveal new insights



# Investigation of Vessels and their owners Step 3: Prioritization of Identified Fishing Vessels

- Known Vessel?
- Known Vessel Pattern of Activity?



## Conducting Risk Assessments and Boarding Prioritizations



ANNEX A

#### Information to be provided in advance by vessels requesting port entry

### Advanced Request for Port Entry

AGREEMENT ON PORT STATE MEASURES TO PREVENT, DETER AND ELIMINATE ILLEGAL, UNREPORTED AND UNREGULATED RISHING

ACCORD RELATIF AUX MESURES DU RESSORT DE L'ÉTAT DU PORT VISANT À PRÉVENIR, CONTRECARRER ET ÉLIMINER LA PÊCHE ILUCITE, NON DÉCLARÉE ET NON RÉGLEMENTÉE

ACUERDO SOBRE MEDIDAS DEL ESTADO RECTOR DEL PUERTO DESTINADAS A PREVENIR, DESALENTAR Y ELIMINAR LA PESCA ILEGAL, NO DE CLARADA Y NO REGLAMENTADA



٢

1. Inte	nded	port of	f call												
2. Port State															
3. Estimated date and time of arrival															
4. Pur	4. Purpose(s)														
5. Port	t and o	late of	f last p	ort c	call										
6. Name of the vessel															
7. Flag	state														
8. Typ	e of ve	essel													
9. Inte	rnatio	nal R	adio C	all S	lign										
10. Ve	ssel co	ntact	inforn	natio	n										
11. Ve	ssel ov	vner(s	)												
12. Ce	rtifica	te of r	egistry	y ID											
13. IM	O shi	p ID, i	f avail	able	1										
14. Ex	ternal	ID, if	availa	ble											
15. RF	15. RFMO ID, if applicable														
16. VN				No	,		Yes:	National Yes: RFMO(s) Type:				Type:			
17. Vessel dimensions Length							Bea	m		D	raft				
18. Vessel master name and nationality															
19. Re	19. Relevant fishing authorization(s)														
Ident	ifier	Issu	ied by		Validity	2		Fishing Spe area(s)			ccies Gear			Gear	
				$\top$						· ·					
				+											
20. Re	levant	trans	shipm	ent a	authorizati	on(s	s)				1				
Identif					ued by	Ì	,			Vali	idity				
Identif					ued by					Vali					
		pmen	t infor		ion concern	ning	done	or ve	ssel						
Date		ation	Nam		Flag State		II num	) Species		Product form		Cate		Quantity	
				-			100110	anver				jorn		4	
				-		-			$\vdash$						
22. To	22. Total catch onboard								1	23 0	atch t	he be	offloaded		
				a	23. Catch to be offloar Quantity Quantity										
Spec	Species Product form Catch area							<u> </u>	aunti	iy.		Q	wara	u y	



#### **Risk and Risk Analysis**

- <u>Risk</u> Probability of a fisheries non-compliance to occur
- <u>Risk analysis</u> The process of gathering, assessing and grading data, information and intelligence in order to identify and quantify individual risks
- <u>Risk management</u> The systematic identification of risks and the implementation of measures necessary to limit the occurrence of these risks



#### Foreign Vessel Seeking Entry into a U.S. Port:

Not a listed IUU vessel

Listed IUU vessel



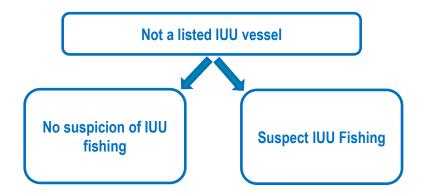
#### **Prescreening of Vessels**

Suspicion of IUU fishing-related activities:

- Information from a previous boarding
- National intelligence
- Intel from another country
- Information from an international organization (*e.g.*, RFMO, INTERPOL Purple notice)



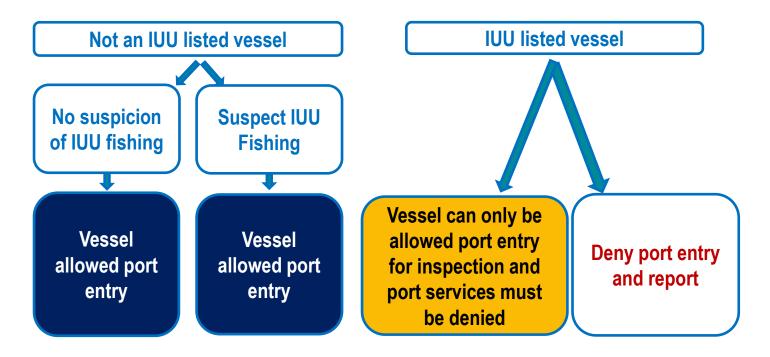
#### Foreign Vessel Seeking Entry into a U.S. Port:



Listed IUU vessel

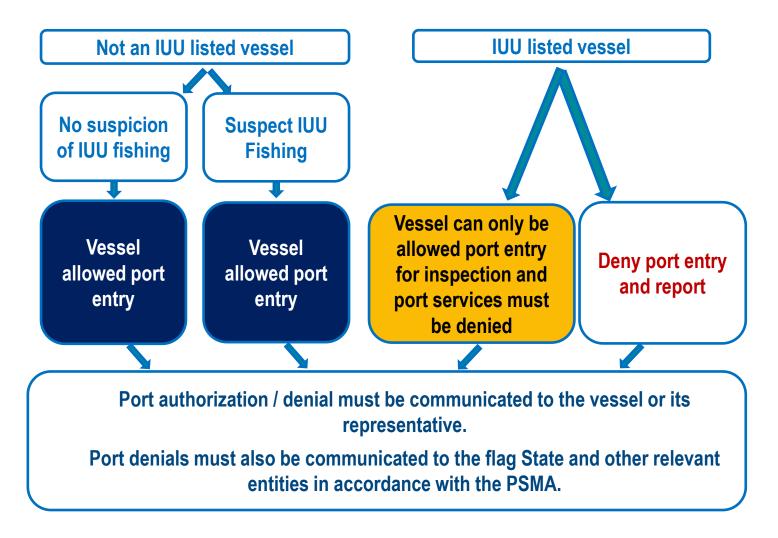


#### **Results of Advanced Arrival Screening**





#### **Results of Advanced Arrival Screening**





#### **Prioritizing Inspections**

- Vessels denied entry or port use
- Requests from other relevant Parties, States, or RFMOs
- Clear grounds for suspecting IUU fishing or fishingrelated activities





#### Sample Risk Matrix (NEAFC)

RISK	5	4	3	2	1
Flag State	FS 1 FS 2	FS 6 FS 7	Other FS	FS 8 FS 9	FS 3 FS 4 FS 5
Species	Tuna 1 Tooth fish	Mackerel Tuna 2	Shark 1 Tuna 3	Other tunas Other sharks	Other species
Fishing grounds	HS no RFMO Unknown	CS 1, 2, 3 RFMO 1	CS 4 RFMO 2	CS 5, 6	CS 7, 8 RFMO 3, 4
Tracking equipment	No VMS eq. No AIS eq.	AIS/VMS eq. but no data	AIS data	Limited VMS data	VMS data
Vessel information	No data or information available	Data from prev. insp. w/ infring.	Data from prev. insp. no infring.	Basic data from FS	Data from FS and prev. insp. no infring.



#### **Sample Risk Matrix**

• 5 to 10 = inspection not a priority

• 11 to 15 = moderate priority

• 16 to 20 = high priority

• 21 to 25 = mandatory inspection



### **Sample Risk Matrix**

	Vessel 1	Vessel 2	Vessel 3		
Flag State	Country 2 5	Country 5 1	Others 3		
Species	Tooth fish 5	Other sharks 2	Mackerel 4		
Fishing grounds	Unknown 5	CS 6 2	RFMO 2 3		
Tracking equipment	No AIS/VMS 5	VMS data 1	AIS data 3		
Vessel information	No data nor information 5	Basic data from FS 2	Data insp. w/ infring. 4		
Risk total	25	8	17		



#### e-PSM Application



<u>Purpose</u>: Develop an information system to implement PSM and train industry (agents)/port State competent authorities in the use of the e-PSM.

http://iotc.org/compliance/port-state-measures









User Manual for Vessel representatives

#### **IOTC e-PSM application**



- e-PSM forms and processes
- Includes IOTC vessels register, IOTC designated ports, contact of port States and flag States (Users),
- IOTC vessels/port calls at AREP step
- IOTC reference tables (gear type, vessel type, species, ATF issuing authorities, VMS type, etc.),
- e-PSM library

e-PSM

- Publication of AREP/PIR, sharing of inspection reports
- Flag State & port State contacts
- e-PSM reporting
- Standard reports generated for flag State and port State





**IOTC e-PSM application** 

User Manual for the Port State Competent Authority





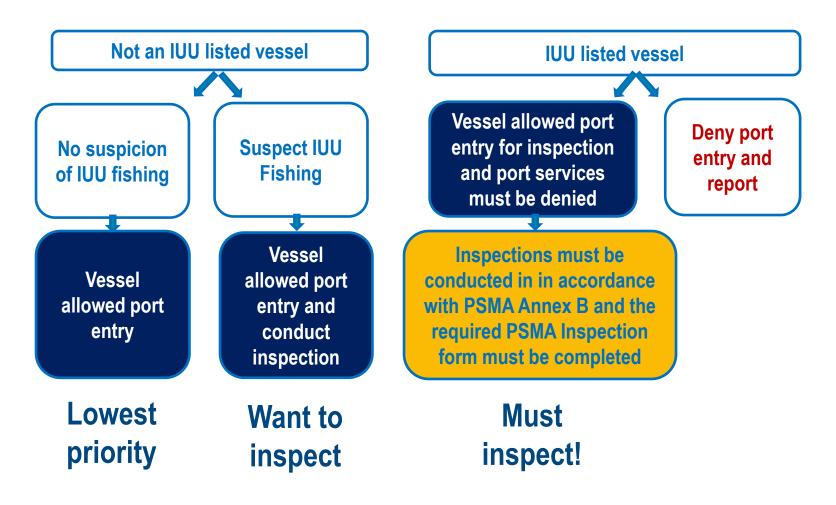
CAP SAINT VINCENT France (EU) Type of vessel : Purse seiners Types of gear :	IRCS : FIPP IOTC id : IMO id : 9225536 External id : Certificate of registry id	: 911289	Length : 67.3 Beam : Draft : Update vessel identity ioto			
EPSM File N°Arc2_CAP SAIN Created on Iun. 08/06/15 10:45 UTC by CO			CPEN 🕩 PRIVATE Modify file status			
lessel activity in port of call		Vessel Activity Int	telligence Report (VAIR)			
Estimated date and time of arrival: Iun. 08/06/15 10:00 UTC		Vessel listed in IO	TC Record of Authorized Vessels: YES			
Port of call: Archipelagic Fishing Port Palabuhanratu-West Java <sup>Purposes:</sup> Change Crew, Inspection		▲ Vessel listed in current IUU list: YES ✓ Owner listed in current IUU list: NO				
		Vessel photographs				
		Photographer Name	Photo upload time Tag	Actio		

Photo	Description	Photographer Name	Photo upload time	Тад	Action
	Photograph taken on 15/05/2015, vessel leaving home port	Jon Lansley	2015-06-09	Photograph of vessel - whole	ÊC



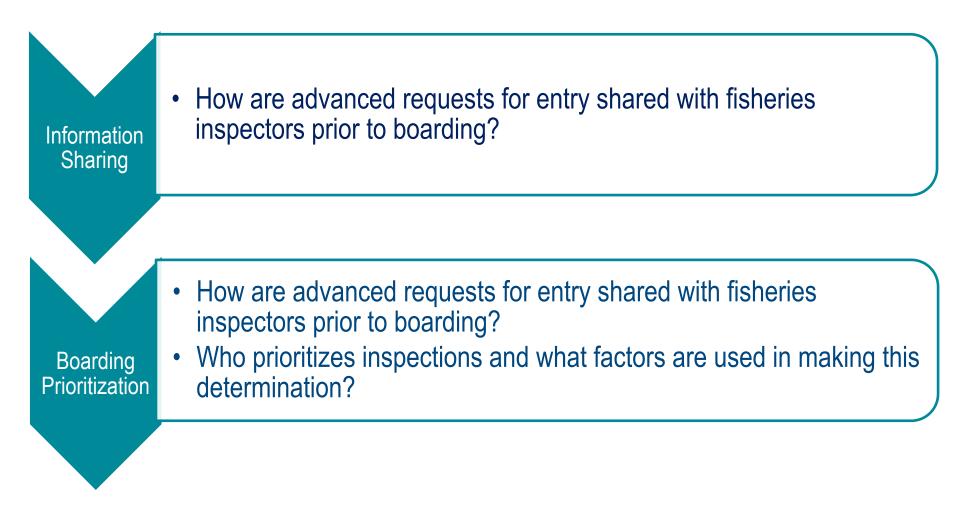


#### **Example: Prioritizing Inspections**





#### **Boarding Prioritizations**





# **Questions?**

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