

- SEAFDEC
- RPOA
- WCPFC
- CCSBT
- IOTC

- SEAFDEC – SOUTHEAST ASIAN FISHERIES DEVELOPMENT CENTER
- RPOA – REGIONAL PLAN OF ACTION TO PROMOTE RESPONSIBLE FISHING PRACTICES
- WCPFC – WESTERN AND CENTRAL PACIFIC FISHERIES COMMISSION
- CCSBT – COMMISSION FOR THE CONSERVATION OF SOUTHERN BLUEFIN TUNA
- IOTC – INDIAN OCEAN TUNA COMMISSION

Indian Ocean Tuna Stock Status 2015

	Stock Status
Albacore (<i>Thunnus alalunga</i>)	
Bigeye tuna (<i>Thunnus obesus</i>)	
Skipjack tuna (<i>Katsuwonus pelamis</i>)	
Yellowfin tuna (<i>Thunnus albacares</i>)	94%*

The stock status changed as a direct result of the large and unsustainable catches of yellowfin tuna taken over the last three (3) years.

Indian Ocean Billfish Stock Status 2015

	Stock Status
Swordfish (<i>Xiphias gladius</i>)	
Black marlin (<i>Makaira indica</i>)	
Blue marlin (<i>Makaira nigricans</i>)	
Striped marlin (<i>Tetrapturus audax</i>)	60%*
Indo-Pacific sailfish (<i>Istiophorus platypterus</i>)	

Indian Ocean Neretic Tuna and Mackerel Stock Status 2015

	Stock Status
Bullet tuna (<i>Auxis rochei</i>)	
Frigate tuna (<i>Auxis thazard</i>)	
Kawakawa (<i>Euthynnus affinis</i>)	
Longtail tuna (<i>Thunnus tonggol</i>)	25%*
Indo-Pacific king mackerel (<i>Scomberomorus guttatus</i>)	
Narrow-barred Spanish mackerel (<i>Scomberomorus commerson</i>)	

Indian Ocean Shark Stock Status 2015

	Stock Status
Blue shark (<i>Prionace glauca</i>)	
Oceanic whitetip shark (<i>Carcharhinus longimanus</i>)	
Scalloped hammerhead shark (<i>Sphyrna lewini</i>)	
Shortfin mako shark (<i>Isurus oxyrinchus</i>)	
Silky shark (<i>Carcharhinus falciformis</i>)	
Bigeye thresher shark (<i>Alopias superciliosus</i>)	
Pelagic thresher shark (<i>Alopias pelagicus</i>)	

Indian Ocean Turtles and Seabirds Stock Status 2015

Marine turtles

Reporting of interactions with IOTC fisheries is required by the Commission.

	Stock Status
Marine turtles (6 species)	

Seabirds

Reporting of interactions with IOTC fisheries is required by the Commission.

	Stock Status
Seabirds (various species)	

State of the Stocks

- 24 species of marine life (tuna – birds)
 - 12 are unknown (grey): require precautionary approach
 - 6 are overfished: Yellowfin tuna is overfished by 94%, Striped Marlin is overfished by 60%
 - 4 are not overfished
 - 2 are subject to overfishing
- 1996 IOTC was established: 20 years
- **20 years and yet Indian Ocean is overfished**

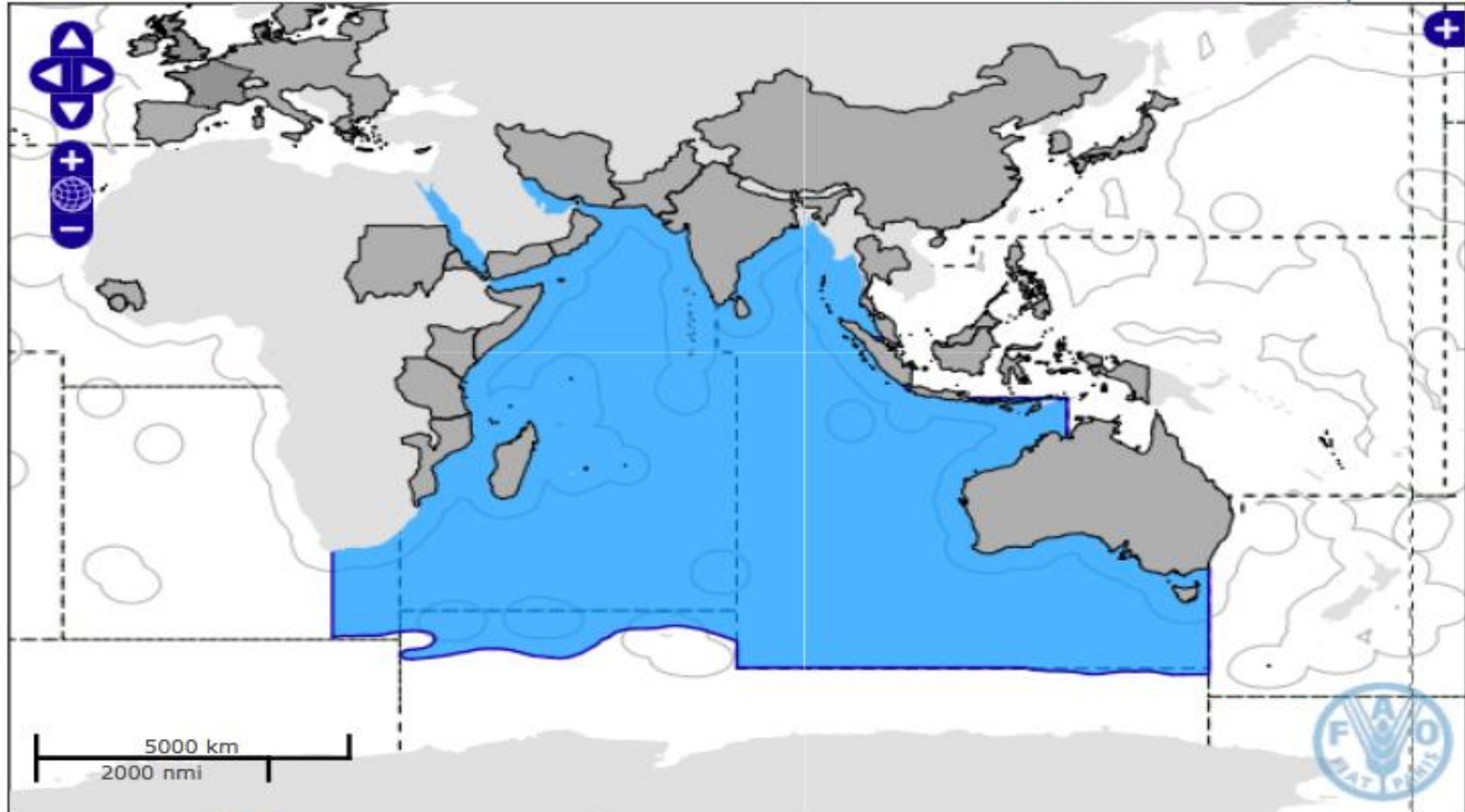
Why the persistence (1)

- Lack of strong legally binding international instruments
- Lack of criminalization of own nationals engaging IUUF in areas beyond national jurisdictions
- Area of enforcement is very large

Vast Area of IOTC

IOTC area of competence - High seas, National waters

[Launch the RFBs map viewer](#)



- Area of competence
- Established limits of the area of competence
- Members
- FAO fishing areas
- 200 nautical miles arcs

Why the persistence (2)

- High cost of fisheries enforcements
- Resource constraints of maritime agency of IORA countries
- Rising Middle Class: Rising Demand
- Global network of IUUF criminals, such as MV Viking

MV VIKING: IUUF VESSEL OF NIGERIAN FLAG. 1322 GT
UNDER INTERPOL NOTICE
CHANGED NAME : 13 TIMES
CHANGED FLAGS : 12 TIMES
CHANGED CALL SIGN : 8 TIMES
INTERNATIONAL CREW: CHILEAN CAPTAIN
EQUIPPED WITH 399KM FISH-NET
AREA OF OPERATION:
THE OCEANS OF PLANET EARTH



**MV VIKING: IUUF VESSEL OF NIGERIAN FLAG
ARRESTED 12.5 NM FROM INDONESIAN BASELINES IN WHILE
WAITING TO BE REPAIRED IN A NEARBY PORT**



THE END OF MV VIKING



IUUF IS ON GLOBAL AGENDA

Sustainable Development Goals ➤



GOAL 14

- By 2020 (in 4 years time)
- Effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices
- implement science-based management plans, in order to restore fish stocks in the shortest time feasible

IUUF AND TOC

- Benjina Case
- 700 Myanmar citizens enslaved in fishing industries for years
- Companies are FDI
- Shell companies based in BVI

IUUF AND TOC



Possible New Measures

- 1. Ratification of PSMA by the regional countries**
- 2. Regionalized PSMA into regional norms**
- 3. Regional Instruments**
 - 1. only to fight IUUF**
 - 2. Not to manage stocks**
 - 3. Enhanced Coordination and Information Sharing**
 - 4. Create law enforcement cooperation**
- 4. Fisheries Inspectors Training and Forum**
- 5. Involve Fishing Entities and markets**