## Official Control System in India for Export of Fish & Fishery Products

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### Indian Fisheries sector

- Vast fishery resources Coast line: 8129 km
- Second largest fish producer in the world
- Rank 2<sup>nd</sup> position in aquaculture production.
- Export contributes 30% of the fish production
- Marine products exports 2014-15- \$ 5,511,12 million(increase of 6.68% in Qntinty & 10.05% in value)

# FOOD CONTROL SYSTEM IN INDIA

### **EXPORTS**

- EXPORT INSPECTION COUNCIL OF INDIA
- MINISTRY OF COMMERCE
   & INDUSTRY

# IMPORTS & DOMESTICS

- FOOD SAFETY STANDARDS AUTHORITY OF INDIA
- MINISTRY OF HEALTH & FAMILY WELFARE

## Export Inspection Council of India

- Established by the Act of Parliament
  The Export (Quality Control & Inspection)
  Act, 1963
- Main Objective Sound development of export trade through quality control & inspection
- Strength: The only Official Certification body having no conflict of interest

### Powers under the Act



- To notify the commodities
- To specify the type of quality control
- To establish / adopt or recognize one or more standards.
- To prohibit the export (if not meeting the importing country's requirements)
- Powers to create infrastructure for Q.C & Insp.
- Powers to obtain information from exporter
- Powers to enter and inspect food business facilities
- Powers to search
- Powers to seize commodities / conveyances
- Powers to make Rules & delegation of powers

# Commodities Under EIC Certification

#### Commodities notified under Export (Q/C & I) Act

- Fish & fishery products
- Egg products
- Milk products
- Honey
- Fresh poultry meat & poultry meat products
- Meat (fresh / chilled)
- Processed meat products
- Animal casings
- Crushed bones ossein & gelatin
- Feed additives & pre mixtures
- Peanuts & peanuts products

## International recognition for FISHERY PRODUCTS



- **■** EUROPEAN UNION Food & Veterinary Office (FVO)
- China Certification and Accreditation Administration of People's Republic of China (CNCA)
- Eurasian Custom Union Federal Service for Veterinary and Phytosanitary Surveillance (FSVPS)
- Vietnam- The National Agro-Forestry-Fisheries Quality
   Assurance Department (NAFIQAD)
- Japan Welcome to Ministry of Health, Labour and Welfare (MHLW)
- Australia Department of Agriculture Fisheries and Forestry (DAFF)
- South Africa National Regulator for Compulsory Specifications (NRCS) - in progress
- Canada Canadian Food Inspection Agency (CFIA) in progress

## Infrastructure for implementation

- 5 in numbers, established under the Act, with HQs at <u>Chennai</u>, <u>Delhi</u>, <u>Kochi</u>, <u>Kolkata & Mumbai</u>, along with 30 sub offices backed by state of art laboratories accredited against ISO 17025
- Operate under the technical & administrative control of EIC

## Laboratory Infrastructure

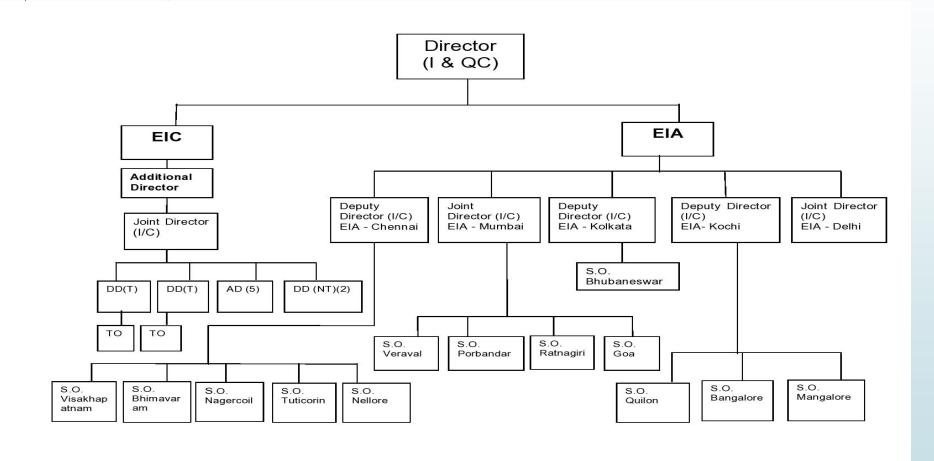


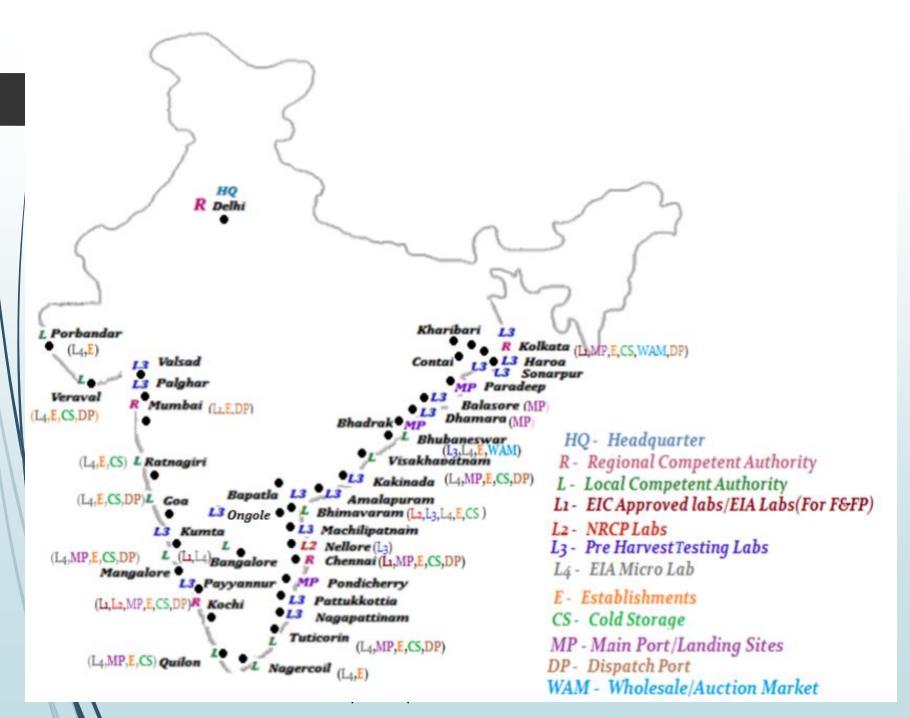






## Organogram of EIC





#### **LEGISLATION PERTAINING TO F & FP**

## Order No S.O.729 (E) dated 21st Aug 1995

covers all sea waters and fresh water animals or part thereof including their roes, in fresh and chilled, frozen or processed form but excluding frogs

- Notification No S. O. 730 (E) dated 21st Aug 1995 lays down systems of certification.
- Rules laid down for implementation of the Order
- Prescribed essential facility requirements & hygienic requirements of Fresh, Frozen and Processed Fish and Fishery Products at all stages of production, storage and transport

### **LEGISLATION PERTAINING TO F & FP (cont.)**

Orders	Notification
S.O. 729 (E) dated 21 <sup>st</sup> August 1995	S.O. 730 (E) dated 21 <sup>st</sup> August 1995
S.O. 792 (E) dated 17 <sup>th</sup> August 2011	S.O. 415(E) dated 11 <sup>th</sup> April 2002
S.O. 722 (E) dated 10 <sup>th</sup> July 2002	S.O. 1029 (E) dated 24th Sept. 2002
S.O. 464 (E) dated 24 <sup>th</sup> April 2003	S.O. 1034 (E) dated 9 <sup>th</sup> Sept. 2002
S.O. 1227 (E) dated 23 <sup>rd</sup> Oct 2003 &	S.O. 717 dated 25 <sup>th</sup> Feb. 2005
S.O. 1227 (E) dated 31st July 2006	S.O. 612 dated 15 <sup>th</sup> Feb. 2007
	S.O. 1519 (E) dated 16 <sup>th</sup> June 2008
	S.O.2714 (E) dated 28 <sup>th</sup> Oct 2009 &
	S.O. 497(E) dated 10 <sup>th</sup> March 2011

# Official Control Programme and Operations by CA

- Basis of compliance
  - Primary responsibility on FBO plan & implement inprocess controls, develop own-check systems (HACCP), maintain records
  - > EIC to approve & ensure compliance
- Approval/Renewal of facilities based on Food Safety Management System
- Compliance ensured through strict surveillance system
- Residue Monitoring and Control
- Written procedure to deal with RASFF
- EIC lab. approval scheme

#### PROCEDURE FOR APPROVAL OF FACILITY

- Facility submits application after meeting the requirements of the GOI Notifications and importing country requirements
- Scrutiny of documents by EIAs including adequacy audit
- Discrepancies/shortcomings communicated for rectification
- Evaluation of HACCP manual

#### After satisfactory scrutiny,

- Assessment Panel of Experts (APE) visits in two stages:- (i) to assess infrastructure facilities & other requirements (ii) HACCP Audit
- ❖ if 1<sup>st</sup> audit satisfactory, APE recommends for conditional approval
- ❖ If 2<sup>nd</sup> audit satisfactory, APE recommends for full approval.
- Approval by CA (validity 2 years), approval number given, Certificate of Approval issued
- **❖** EC listing

### **SURVEILLANCE SYSTEM**

#### MONITORING by EIA Officials to verify (Official Control)

- Sanitation & Hygiene
- Process controls, organoleptic inspection
- Implementation of HACCP plan
- Records
- Observe testing by laboratories & draw samples for proficiency testing
- Draw samples of raw materials, water, ice, finished products, swabs of workers hands and food contact surfaces.
- Draw samples for testing antibiotics, heavy metals, and pesticides etc.



## **SURVEILLANCE SYSTEM (Cont.)**

#### SUPERVISORY VISITS TO CHECK

- ▶By senior officer
- Compliance to norms by processors
- Quality and correctness of monitoring by EIA officer

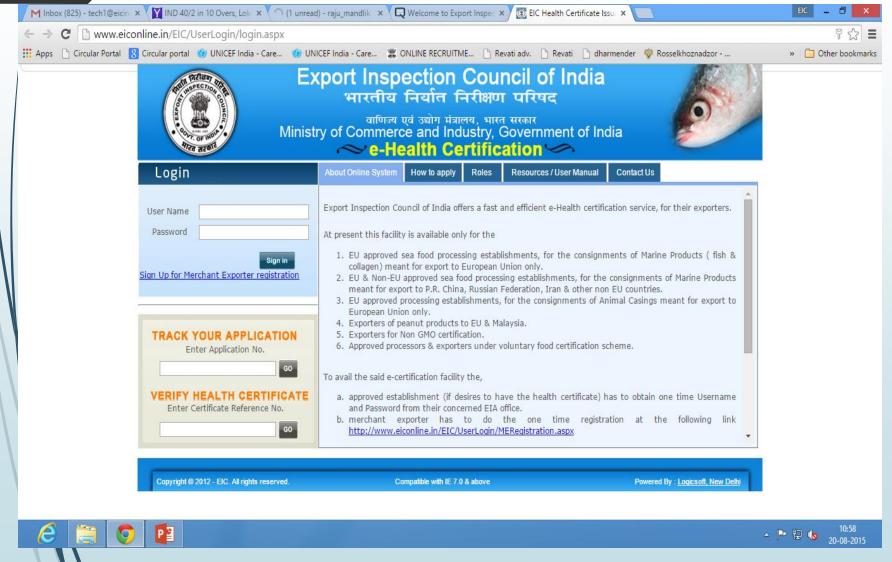
#### CORPORATE AUDITS

◆Independent audit by EIC to verify operation of scheme by EIAs on yearly basis

# CERTIFICATION OF FISHERY PRODUCTS

- National Residue control programme (NRCP)
- Pre export sampling & testing
- CFE for each consignment for Indian custom purpose
  - (applicable for notified commodities)
- Bilingual e health certification for fish & fishery products for EU to be issued by EIAs based on test report for antibiotics residues by EIA Lab or EIC approved Lab

### **E** certification



## **RASFF**

- **# RASFF examined at EIC level / clarification from EC**
- **#** Facility placed "On Alert" (inc. monitoring; 5 consignments or 3-day codes)
- **♯** Root cause analysis information from processor / visit to the facility by APE
- **Lab.** involved in pre export is assessed
- # Satisfactory 'on alert' continues till the all the actions completed
- # Unsatisfactory consignments contaminated/ unsatisfactory hygienic conditions/ samples fail
  - Show cause notice
  - Production & export suspended till corrective actions taken

## RASFF (Cont.)

- Corrective actions taken and verified
  - Satisfactory:
    - resume production and exports
  - Unsatisfactory:
    - approval withdrawn; delisting from EC website

## **RASFF-** Return of consignment

- returned consignment is inspected
- Samples drawn (code-wise) & tested in two different EIC approved laboratories
- ample is also drawn from the same master carton from where the EU health authorities are drawn the sample ( if the master carton is identified by the health authorities)
- satisfactory codes are allowed for Non EU exports
- ☐ /Unsatisfactory codes are destroyed as per the procedure.
- In case of micro biological contamination- re processing under CA supervision

# Repeated RASFF in the same calendar year for the same facility

- 1. First rejection as per the clause 16 of El
- 2. <u>Second rejection</u> In addition to above, 5 more consignments for the same contaminant.
- Third or subsequent rejection In addition to above, - suspension of production & exports / withdrawal of approval if reply is unsatisfactory

