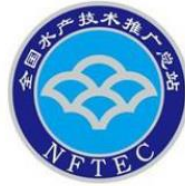




Food and Agriculture  
Organization of the  
United Nations



## **FAO/China Intensive Training Course on Tilapia Lake Virus (TiLV)**

Sun Yat Sen University, Guangzhou, China

18-24 June 2018

### **Section 5**

**Import and export quarantine of aquatic animals and the products**

**Dr. Hong Liu**

# QUARANTINE

coming from the long-term fight experience against the disease and pests in the history.



In 14<sup>th</sup> century, in Venice, 40 days isolation of the vessels from other countries on the port was necessary, in order to avoid the spread of cholera and malaria.

In the late 19<sup>th</sup> century, in the field of agriculture and forestry, there were some cases of disasters caused by the spread of exotic pests and pathogens. In order to protect agriculture, animal husbandry, fishery and human health, **animal and plant quarantine** came into being to prevent the losses caused by the transboundary spread of animal epidemics and pests.



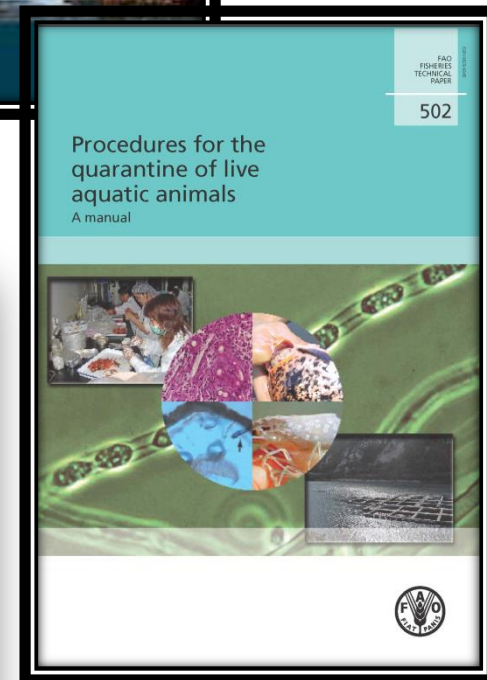
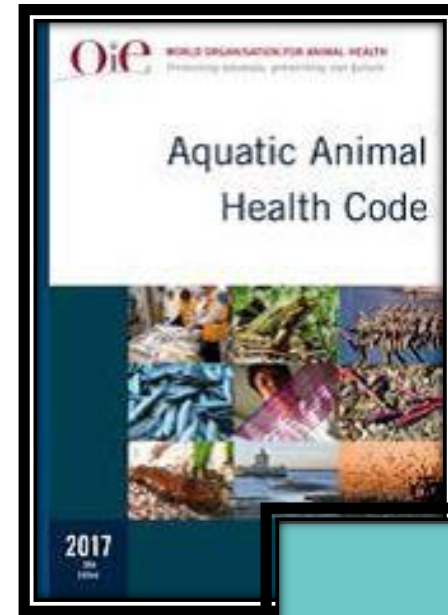
# Quarantine

means maintaining a group of *aquatic animals* in isolation with no direct or indirect contact with other *aquatic animals*, in order to undergo observation for a specified length of time and, if appropriate, testing and treatment, including proper treatment of the effluent waters.

**Quarantine facility** (also referred to as a “quarantine premise” or a “transitional facility”) – any place approved for the quarantine of live aquatic animals.

**Quarantine officer** – a technically competent person authorized by the Competent Authority for purposes of inspecting and certifying compliance with the health requirements of the Competent Authority concerning the import and export of live aquatic animals.

**Quarantine period** – a minimum period of quarantine, typically as specified in an aquatic animal import health standard or other legally binding document (e.g. national or state regulations).



# Quarantine is an important risk management measure



# Import and export quarantine of aquatic animals and the products

is all activities taken to prevent the introduction, transmission and/or spread of animal epidemics and plant pests, or to ensure the related official control.



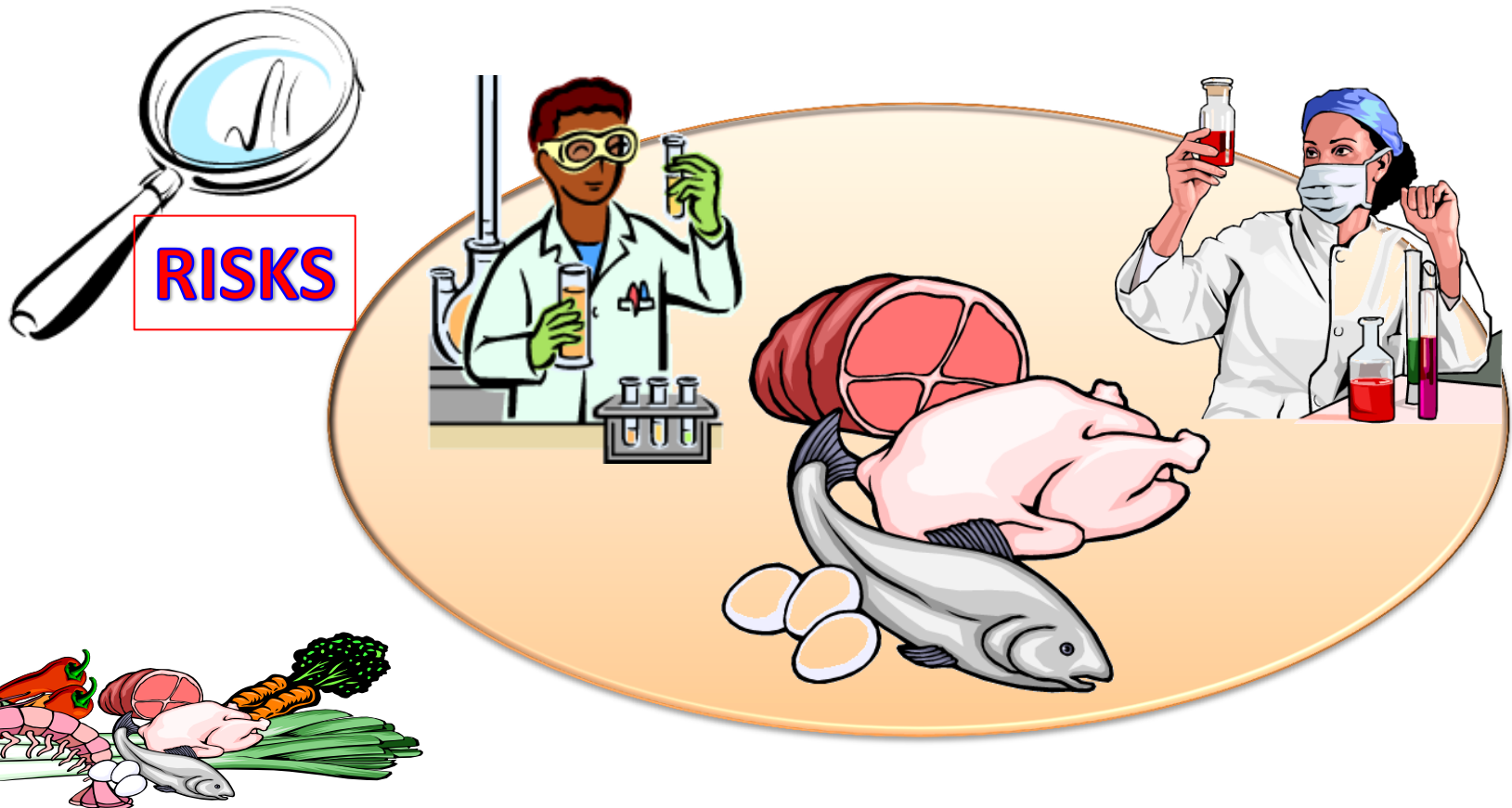
# Import and export quarantine of aquatic animals and the products

At ports in the border of one country, including **sea(river) ports, air ports, highway ports and railway ports**, facilities for inspection, isolation, laboratory and epidemic prevention and disinfection are basically equipped with equipment suitable for their import and export animal and plant inspection and quarantine services.



# Import and export quarantine of aquatic animals and the products

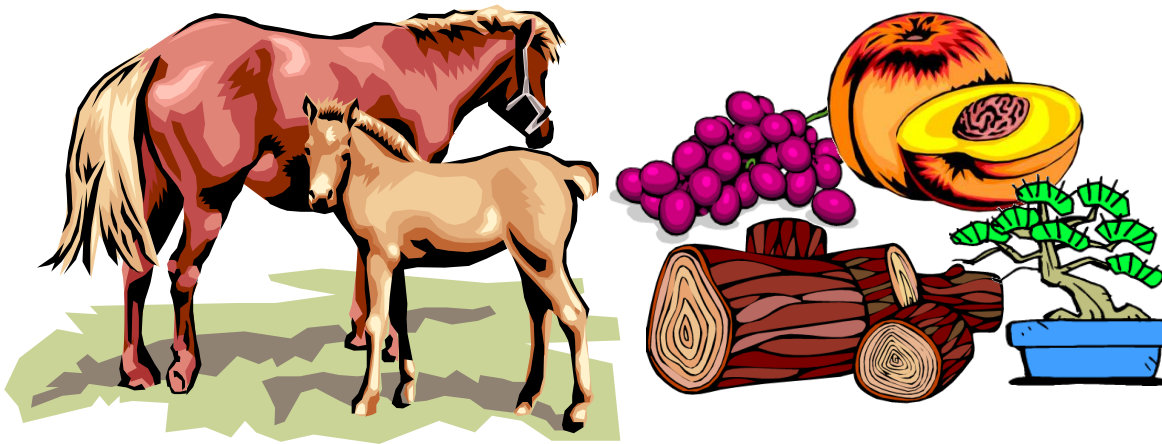
The entry and exit animal and plant inspection and quarantine has **great connotation**, covering a large scope. From the risk point of view, the import and export animal and plant inspection and quarantine includes both quarantine and inspection, and also involves food safety. From the point of view of the gatekeeper, the import and export of animal and plant inspection and quarantine is not only for imports, but also for exports.





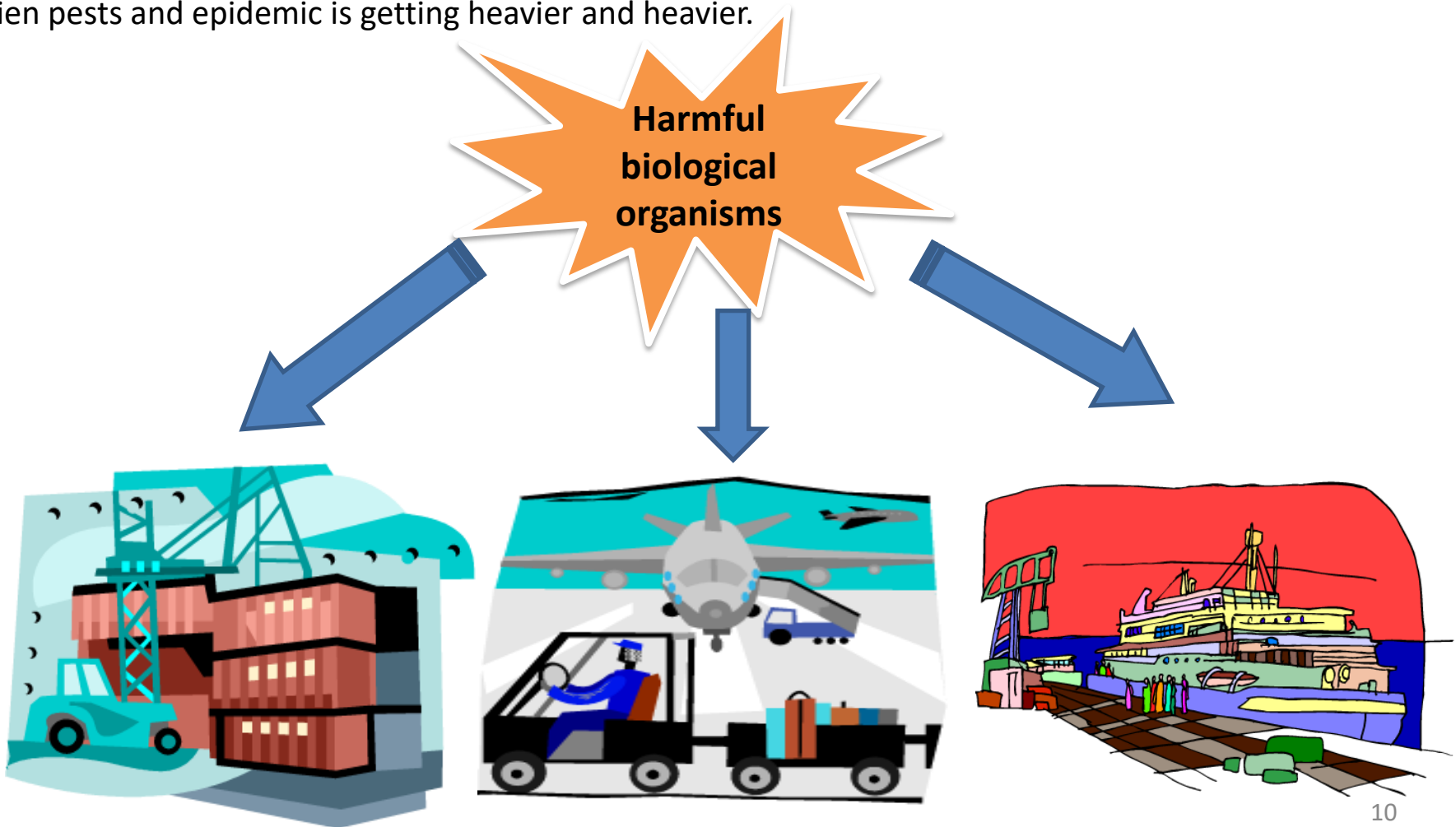
# Import and export quarantine of aquatic animals and the products

Import and export animal and plant inspection and quarantine covers all aspects of animals, animal products, plants, plant products, means of transportation, containers, passenger carrying and mailing items, inspection of biological species resources, and laboratory testing.



# Import and export quarantine of aquatic animals and the products

**To protect ecological security.** The protection of ecological safety is to protect our human survival space. In recent years, with the acceleration of globalization, the international flow of human flow and logistics exchanges are becoming more frequent. The opening of port terminals and airports in China is expanding, especially the frequent outbreak of epidemic situation at home and abroad. Harmful organisms may invade multiple directions from sea, land and air. The task of prevention and control of alien pests and epidemic is getting heavier and heavier.



# Import and export quarantine of aquatic animals and the products

**To protect the safety of agricultural and forestry production.** In China, The first article of the People's Republic of China entry and exit animal and plant quarantine law clearly expounds the purpose of national legislation, which is to prevent animal infectious diseases, parasitic diseases and plant dangerous venereal diseases, insects, weeds and other harmful organisms to be introduced and spread out of the country, and to protect agriculture, forestry, animal husbandry, fishery production and human health, and promote the promotion of human health. The development of external economic and trade. Therefore, as a “National Guard”, people working in this field have the mission to effectively protect the safety of China's agricultural production.



# Import and export quarantine of aquatic animals and the products



Equestrian Quarantine Emergency Training For Asian Games



Routine Inspection and Quarantine Supervision

From the point of view of working conditions, the import and export animal and plant inspection and quarantine can be divided into routine inspection and quarantine supervision under normal conditions, special safeguards under major international activities, and emergency treatment in the event of major emergencies.



Emergency management on an outbreak of animal diseases

## International Trade of imported and exported aquatic and aquatic animal products in P. R. China

- 2017 For imported, 110851 batches, 4.09 thousands tons and 8497 million US Dollars
- 2017 For exported, 308187 batches, 4.11 thousands tons and 2.22 billion US Dollars



**Import quarantine  
for  
aquatic animals  
(IQAA)**

# 1. Import quarantine admittance

- 1.1 IRA
- 1.2 Assessment on health system of export country
- 1.3 MOU, Protocol and health certificate

- 1.4 Formulation, adjust and publish the export countries and zones
- 1.5 Registration of exported enterprises
- 1.6 On-site audit on the registered enterprises



# 2. Pre-border Quarantine

- 2.1 Supervision by the CA
- 2.2 Contingency measures and notification

- 2.3 Isolation quarantine
- 2.4 Packing, checking, transportation and certification



# 3. Border and post-border quarantine

- 3.1 Entrance through the designated ports
- 3.2 Import permission application
- 3.3 Declaration, document review and quantitative verification

- 3.4 Destruction and return
- 3.5 Sampling and Testing
- 3.6 Isolation

# IQAA

## 1. Import quarantine admittance

### 1.1 Import risk assessment (IRA)

风险评估  
Risk assessment

入境评估  
Entry assessment

暴露评估  
Exposure assessment

后果评估  
Consequence assessment

风险估算  
Risk estimation

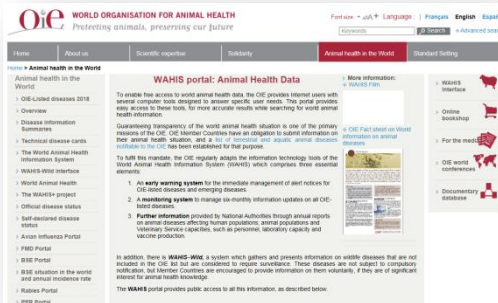




## 1. Import quarantine admittance

### 1.2 Assessment on health system of export country

- ◆ Collect the information from related website or public publication;
- ◆ Send the questionnaire to export countries;
- ◆ On-site conformance assessment or on-site retrospective assessment



#### questionnaire

- 1.Information (Location of CA, farms and laboratories, related trade)
- 2.Infrastructure of CA (central and local)
- 3.Laws and regulations
- 4.Notification
- 5.Surveillance
6. Contingency measures
- 7.Zoning and Compartarlizaiotn
- 8.Official supervision
9. Qualification and capability of the laboratories
- 10.Treacibilities
- 11.Import quarantine protocol

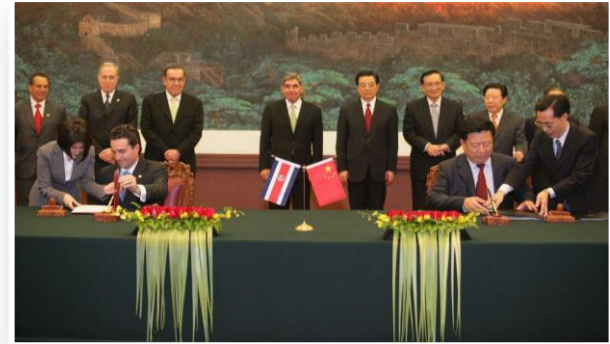
#### On-site conformance

- 1.Central CA meeting
- 2.Local CA meeting and records
- 3.CA supervision and records
- 4.On-site visit to the farms or processors on biosecurity conditions
- 5.On-site visit to the laboratories (original records, standards, accreditation, PT & RT)

# IQAA

## 1. Import quarantine admittance

### 1.3 MOU, Protocol and health certificate



## 1. Import quarantine admittance

### 1.3 MOU, Protocol and health certificate

**OIE** WORLD ORGANISATION FOR ANIMAL HEALTH  
Protecting animals, preserving our future

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Keywords  Search [Advanced search](#)

Home | About us | Scientific expertise | Solidarity | Animal health in the World | **Standard Setting**

Home > Standard Setting > Aquatic Code > Access online

**Standard Setting**

- Overview
- Terrestrial Code
- Terrestrial Manual
- Aquatic Code
- Access online
- Aquatic Manual
- Specialists commissions & working & ad hoc Groups
- Implications of private standards

**Aquatic Animal Health Code** Contents | Index

**PDF**

CHAPTER 5.2.  
**CERTIFICATION PROCEDURES**

Article 5.2.1.  
**Protection of the professional integrity of the certifying official**

Certification should be based on the highest possible ethical standards, the most important of which is that the professional integrity of the certifying official should be respected and safeguarded.

It is essential to include in the certificate only those specific statements that can be accurately and honestly signed by a certifying official. For example, these requirements should not include certification of an area as being free from diseases that are not notifiable in that country, or the occurrence of which the signing certifying official is not necessarily informed about. It is unacceptable to ask for certification for events that will take place after the document is signed when these events are not under the direct control and supervision of the signing certifying official.

#### Responsibilities of the importing country

- The import requirements included in the international aquatic animal health certificate should assure that commodities introduced into the importing country comply with OIE standards;
- The international aquatic animal health certificate should not include requirements for the exclusion of pathogenic agents or aquatic animal diseases that are present in the importing country and are not subject to any official control programme.

AQUATIC ANIMAL HEALTH CERTIFICATE  
FOR THE EXPORT OF KOI CARP (NISHIKIGOI) (GOLDFISH)  
FROM JAPAN TO THE PEOPLE'S REPUBLIC OF CHINA  
中国に輸出する錦鯉・金魚の衛生証明書

Part I Details of consignment	1.1 Consignor 荷送人: Name 名前: OGATA KOI FARM Co., Ltd. Address 住所: 2712 Takeshima, Yasutake, Kurume, Fukuoka, JAPAN Tel: 81 942 27 2519	1.2 Certificate reference number 証明書番号: 16/2018
	1.3 Competent authority (prefectural government) 日本主管当局 (都道府県): Fukuoka 福岡県	
	1.4 Consignee 荷受人: Name 名前: Solis High-tech Ind.(Shenzhen) Ltd. Address 住所: No.33 Wanfeng Road, DaFeng Xiang, Henggang, Shenzhen, Guangdong 518115, China	
	1.5 Country of export 輸出国: JAPAN 日本	
	1.6 Place of origin 原産地: Fukuoka prefecture 福岡県	
	1.7 Country of destination 仕向国: The People's Republic of China 中華人民共和国	
	1.8 Registered farm 登録養殖場 Registered number 登録番号: Fukuoka 4, 福岡 4 Name 名称: OGATA KOI FARM Co., Ltd. 株式会社尾形養殖場	
	Address 住所: 2712 Takeshima, Yasutake, Kurume, Fukuoka, JAPAN 福岡県久留米市安武町寛島2712	
	1.9 Date of delivery from registered farm 登録養殖場からの出荷日: 2018/5/30	
	1.10 Species (scientific name) 種 (学名): Cyprinus carpio	
	1.11 Common name 商品名: KOI 錦鯉	
	1.12 Quantity and total weight 数量及び重量: 1620 PCS, 970 KG	
	1.13 Standards (length of body and age) 規格 (体長及び年齢): 15-17cm, 45-55cm, 61-74cm, 1 year old, 2 years old, 3 years old	

## 1. Import quarantine admittance

### 1.3 MOU, Protocol and health certificate

WORLD ORGANISATION FOR ANIMAL HEALTH  
Protecting animals, preserving our future

Font size: 默认 Language: | Français English Español

Keywords: Search + Advanced search

Home | About us | Scientific expertise | Solidarity | Animal health in the World | Standard Setting

Standard Setting > Aquatic Code > Access online

Aquatic Animal Health Code

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#### Responsibilities of the importing country

- The international aquatic animal health certificate should not include measures against pathogenic agents or diseases that are not OIE listed, unless the importing country has demonstrated through an import risk analysis, carried out in accordance with Section 2, that the pathogenic agent or disease poses a significant risk to the importing country.
- The transmission of the requirements of the importing country or certificates from the Competent Authority of the importing country and the communication of import requirements to persons other than the Competent Authority of another country necessitates that copies of these documents be also sent to the Competent Authority of the exporting country.

集装箱号/ Container Number: \_\_\_\_\_

封识号/ Seal Number: \_\_\_\_\_

**V.健康声明 Health Attestation**

*Julie Bjørns*

**兹证明: This is to certify that:**

1. 上述产品来自主管当局注册的企业。	1. The above fishery products came from the establishment approved by competent authority.
2. 该产品在卫生条件下生产、包装、储藏和运输,并置于主管当局监督之下。	2. The products were produced, packed, stored, and transported under sanitary condition, which were under the supervision of competent authority.
3. 该产品经主管当局检验检疫,按照欧盟法律法规,未发现中国规定的有害病菌、有毒有害物质和异物。	3. The products were inspected and quarantined by competent authority and not found any pathogenic bacteria, harmful substances and foreign substances regulated in the P.R. China, which is in accordance with the EU legislation.
4. 该产品符合兽医卫生要求,适合人类食用。	4. The products meet veterinary sanitary requirements and fit for human consumption.

注释: 1. 冷藏、冷冻、干制、熏制、罐装等。  
2. 此证书内容不适用部分以\*\*\*填充。  
3. = 船只名称, 航班号, 其他运输工具等。

Note: 1. Refrigerated, Frozen, Dried, Smoked, Canned, etc.  
2. If any of the information required is not applicable, then the blank area must be filled with\*\*\*.  
3. = Name of Vessel, Flight Number, other transport means, etc.

**对于大西洋鲑鱼, Certification for Atlantic Salmon:**

1. 该批产品来自一个未被怀疑或证实感染ISA病毒和鲑鱼甲病毒的养殖场,或(该批产品)已经过挪威官方检验,未带有ISA病毒和鲑鱼甲病毒。	1. The consignment comes from a farm that has no suspected or confirmed infection of ISAV and Salmonid Alphavirus or (the consignment) has been subject to official inspection of Norway and does not contain ISA virus or Salmonid Alphavirus.
2. 该批产品来自一个挪威官方注册的养殖场,挪威官方对该养殖场就第1条所述疾病实施疫病监控。	2. This consignment comes from an officially registered farm of Norway, on which Norway performs official monitoring over the diseases described in Clause 1.
3. 该批产品在HACCP控制体系下生产加工,生产加工过程处于挪威的官方监督之下。	3. This consignment is produced and processed under the HACCP system and the whole process is placed under official oversight of Norway.
4. 该批产品原包装物、装载用水、冰、铺垫材料以及所有与大西洋鲑接触的器具物品等,应符合中国相关卫生要求及欧盟相关法规。	4. The original packing materials, water, ice, matting materials and all ware and objects in contact with the Atlantic salmon products in this consignment are in compliance with the relevant sanitation requirements of China and EU legislation.

Done at 签署于: \_\_\_\_\_ on \_\_\_\_\_

签发地点 Place of issue      签发日期 Date of issue

# IQAA

## 1. Import quarantine admittance

### 1.4 Formulation, adjust and publish the export countries and zones

欧洲				
384				
385	爱尔兰	甲壳类	Calappa	馒头蟹属
386			Cancer	黄道蟹属
387			Homarus	螯龙虾属
388		软体类	Crassostrea	巨蛎属
389			Ensis	刀蛭属
390			Solen	竹蛭属
391			Mytilus	贻贝属
392			Ostrea	牡蛎属
393		棘皮类	Paracentrotus	拟球海胆属
394		俄罗斯	甲壳类	Eriocheir
395	Paralithodes			拟石蟹属
396	Petalomera			板蟹属
397	软体类		Pecten	扇贝属
398	两栖类	Aana	林蛙属	
399	法国	甲壳类	Calappa	馒头蟹属
400			Cancer	黄道蟹属
401			Homarus	螯龙虾属
402			Nephrops	海螯虾属
403			Palinurus	真龙虾属
404			Maja	蜘蛛蟹属
405			Panulirus	龙虾属
406				

Live aquatic animals for consumption of human being

# IQAA

## 1. Import quarantine admittance

### 1.4 Formulation, adjust and publish the export countries and zones

909	葡萄牙	鱼类	Characidae	脂鲤科
910			Cottidae	杜父鱼科
911			Cyprinidae	鲤科
912			Dasyatidae	魟科
913			Diodontidae	二齿鲀科
914			Ginglymostomatidae	绞口鲨科
915			Gobiidae	鰕虎鱼科
916			Gymnuridae	燕鲷科
917			Haemulidae	石鲈科
918			Labridae	隆头鱼科
919			Lamnidae	鼠鲨科
920			Lophiidae	鮫鱈科
921			Microdesmidae	蚓鰕虎科
922			Mobulidae	蝠鲼科
923			Molidae	翻车鲀科
924			Monacanthidae	单棘鲀科
925			Monocentridae	松球鱼科
926			Myliobatidae	鲛科
927			Ophichthidae	蛇鳗科
928			Pomacanthidae	盖刺鱼科
929			Pomacentridae	雀鲷科
930			Pomatomidae	扁鲹科
931			Potamotrygonidae	江魟科
932			Priacanthidae	大眼鲷科
933			Pristiophoridae	锯鲨科
934			Rajidae	鲛科
935			Rhinidae	圆犁头鲛科
936			Rhinobatidae	犁头鲛科

Live ornamental aquatic animals

# IQAA

## 1. Import quarantine admittance

### 1.4 Formulation, adjust and publish the export countries and zones

北美洲				
36	加拿大	鱼类	<i>Anguilla rostrata</i>	美洲鳗鲡
37			<i>Oncorhynchus keta</i>	大马哈鱼
38	美国	甲壳类	<i>Penaeus vannamei</i> Boone <i>(Litopenaeus vannamei)</i>	南美白对虾
39			鱼类	<i>Clupea pallasii</i>
40		<i>Alosa sapidissima</i>		美洲鲱
41		爬行类	<i>Sternotherus odoratus</i>	麝香龟
42			<i>Kinosternon sulhrubrum</i>	头盔泥龟
43			<i>Staurotypus triporcatus</i>	三弦巨型鹰嘴龟
44			<i>Phrynops geoffroanus</i>	花面龟
45			<i>Chelus fimbriatus</i>	枯叶龟
46			<i>Pseudemys concinna</i>	甜甜圈龟
47			<i>Malacochersus tornieri</i>	黄泽泥龟
48			<i>Kinosternon baurii</i>	果核泥龟
49			<i>Sternotherus carinatus</i>	屋顶龟
50			<i>Rhinoclemmys pulcherrima</i>	红头木纹龟
51			<i>Chrysemys picta</i>	锦龟
52			<i>Trachemys scripta</i>	红耳龟
53	<i>Kinosternon scorpioides</i>		红脸蛋龟	
54	<i>Claudius angustatus</i>	鹰嘴龟		
55				

Semen, fertilized eggs and broodstock for propagation and aquaculture

## 1. Import quarantine admittance

### 1.5 Registration of exported enterprises



当前位置：首页>服务导航>企业名单>动物及产品>国外企业名单

允许向中国出口动物遗传物质国外企业名单（2018年3月23日更新）	<2017-12-14>
准许向中国出口龙虾的牙买加企业名单	<2018-03-26>
允许向中国出口加工用驴皮的巴西加工企业名单（2018年3月19日更新）	<2018-03-20>
泰国输华甲鱼注册企业名单（2018年1月26日更新）	<2018-01-26>
新西兰输华日龄雏鸡和种蛋注册登记企业名单（截止至2018年1月26日）	<2018-01-26>
境外违规企业名单（2018年1月17日更新）	<2018-01-17>
允许向中国出口的意大利动物源性肥料企业名单（2017年10月12日更新）	<2017-10-28>
允许向中国出口牛羊皮的约旦加工企业名单（2017年10月12日更新）	<2017-10-12>
2017年第四季度韩国出口中国注册养殖场名单（共501家）	<2017-10-12>
允许向中国出口工业用烘干鹿角、骨的俄罗斯企业名单（2017年10月10日更新）	<2017-10-10>
埃塞俄比亚输华加工用灰驴皮注册登记企业名单201708	<2017-09-22>
贝宁输华加工用驴皮注册登记企业名单201708	<2017-09-20>
允许进境非食用动物产品国家或地区及产品种类名单	<2017-09-13>



# IQAA

## 1. Import quarantine admittance

### 1.6 On-site audit on the registered enterprises



# IQAA

## 2. Pre-border quarantine

### 2.1 Supervision by the CA

- ◆ Exported enterprises and related fishing area should be compliance with the laws and regulations of the export country;
- ◆ Exported enterprises and related fishing area should be under the supervision of CA of the export country;
- ◆ Surveillance should be carried out in exported enterprises which will export aquatic animals for manipulation, culture and ornament, for more than 2 years and no pathogens has bee tested;
- ◆ Surveillance should be carried out in exported enterprises which will export aquatic animals for human consumption and the test results meet the requirements of the bilateral protocol, mandatory standards or the government;



# IQAA

## 2. Pre-border quarantine

### 2.2 Contingency measures and notification

When outbreak of specific diseases happen, or mortality is very high in the exported enterprises and fishing area, the CA of export country should actively stopped exporting trade and notify the CA in import country;



# IQAA

## 2. Pre-border quarantine

### 2.3 Isolation quarantine

- Fertilized eggs and milt should be from health broodstocks;
- Isolation sites should be approved by CA or local CA;
- No contact with other aquatic animals during the period of isolation;
- Basic biosecurity condition and disease prevention and control system should be maintained in the registered enterprises and isolate sites, in order to avoid the intrusion of the aquatic animals from other waters and keep the security and healthy of exported aquatic animals;
- If necessary, the CA of import country can send officials to export country or zone to assist the isolation and quarantine before export;

# IQAA

## 2. Pre-border quarantine

### 2.4 Packing, checking, transportation and certification

- Aquatic animals from different farms and fishing areas should be packed separately. Different species should be packed independently, satisfying the animal survival and welfare. The package material should be new or have been disinfected, and be avoid of leakage. The internal package should be transparent feasible for check;
- Water, ice and bedding materials used in the transportation should meet the requirement of safety and sanity, and should not contain the pathogenic microorganisms, harmful substances and any aquatic biological organisms which may destroy the environment;
- No clinical signs of infectious diseases or parasite disease can be observed during the 48 hrs before transportation. If necessary, approved drugs can be used for disinfection and expelling;
- Health certification should be signed by officials of CA.

## 3. Border and post-border Quarantine

### 3.1 Entrance through the designated ports

中华人民共和国

国家质量监督检验检疫总局公告

2018年第20号

质检总局关于公布全国进境食用水生动物  
指定口岸名单的公告

根据《进境水生动物检验检疫监督管理办法》(质检总局2016年183号令)和《质检总局关于实施进境食用水生动物指定口岸制度的公告》(质检总局2016年第74号公告)的有关规定,质检总局近期组织对申报的有关口岸进行了材料审核和现场评估,现公布第三批进境食用水生动物指定口岸名单(附

件1)。今后,质检总局将不定期考核和动态调整指定口岸名单,并在质检总局网站更新《全国进境食用水生动物指定口岸名单》(附件2)。

本公告自发布之日起实施。

- 附件:1.第三批进境食用水生动物指定口岸名单  
2.全国进境食用水生动物指定口岸名单

(此件公开发布)

附件2

附件2

附件2

附件2

全国进境食用水生动物指定口岸名单

序号	省(市/区)	口岸名称	口岸查验点	口岸类别	允许进境类别
1	北京市	首都机场口岸	首都机场查验点	A	鱼类、甲壳类、软体类
2	辽宁省	沈阳桃仙国际机场口岸	沈阳桃仙国际机场口岸查验点	A	鱼类、甲壳类、软体类
		大连国际机场口岸	大连国际机场口岸查验点	A	鱼类、甲壳类、软体类
		辽宁丹东港口岸	辽宁丹东港口岸查验点	B	鱼类、甲壳类、软体类
		辽宁旅顺新港口岸	辽宁旅顺新港口岸查验点	B	鱼类、甲壳类、软体类
		辽宁大连港口岸	1.辽宁大连港杂货码头查验点 2.辽宁大连湾新港查验点	B	鱼类、甲壳类、软体类

## 3. Border and post-border Quarantine

### 3.2 Import permission application

**中华人民共和国进境动植物检疫许可证**

许可证编号: AAO018000122

申请单位	名称: 470000100002900	法人代码: AAO018000122
	地址: 深圳出入境检验检疫局动植物检验检疫技术中心	邮政编码: 45575554-9
进口检疫物	联系人: 深圳市福田区福强路101号检验检疫大厦A栋908	传真: 518045
	名称: 刘君 品种: 铁树 数量/重量: 756-26588kg 产地: 境外生产、(椰子)55检验检疫单位	境外生产、(椰子)55检验检疫单位
检验检疫要求	供体材料: 铁树 50毫升 澳大利亚 生产加工单位: the Commonwealth Scientific and Industrial Research Organisation - Quarantine Animal Health Laboratory.	出境日期: Research Organisation - Quarantine Animal Health Laboratory.
	输出国家或地区: 澳大利亚 入境日期: 2018年04月25日	出境日期: Research Organisation - Quarantine Animal Health Laboratory.
	进口口岸: 深圳国际机场用建: 深圳国际机场 出境口岸:	出境日期: Research Organisation - Quarantine Animal Health Laboratory.
	运输路线及方式: 深圳市 科研	出境日期: Research Organisation - Quarantine Animal Health Laboratory.
进境后的生产、加工或使用: 开放单位: 深圳出入境检验检疫局动植物检验检疫技术中心。		
进境后的隔离检疫场所: 开放单位: 深圳出入境检验检疫局动植物检验检疫技术中心。		
同意进口, 仅限于能力验证。入场时, 请深圳检验检疫局负责查验, 确认包装完整无破损, 并由深圳检验检疫局负责做好存放及使用过程的监管工作。申请单位应制定严密的管理制度, 应由专人负责管理, 要做好了销售和出入库记录。要监督使用单位对使用后废弃物进行有效的无害化处理, 做好使用和销毁记录。		
有效期:	2018年03月22日	
备注:	2018年03月22日至2018年03月22日	

A 0436501 第一联: 申请单位存 (凭此联向出入境检验检疫局报检)

**植物检疫许可证**

许可证编号: AAO018000122

法人代码: AAO018000122
邮政编码: 45575554-9
传真: 518045
境外生产、(椰子)55检验检疫单位
生产加工单位: the Commonwealth Scientific and Industrial Research Organisation - Quarantine Animal Health Laboratory.
出境日期: Research Organisation - Quarantine Animal Health Laboratory.
出境口岸:
检验检疫局动植物检验检疫技术中心。
确认包装完整无破损, 并由深圳检验检疫局管理制度。应由专人负责管理, 要做好无害化处理, 做好使用和销毁记录。
2018年03月22日
检验检疫局报检)

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2018年03月22日
检验检疫局报检)

# IQAA

## 3. Border and post-border Quarantine

### 3.3 Declaration, document review and quantitative verification

- The consignee should declare to the local CA before or during the entrance holding the documents (health certificate, import permit, trade tract, lading bill, packing list and invoice of the commodity);
- CA officials review all of the documents and verify the amount of the commodities;
- On-site check is implemented by the CA officials, including the information, package, label and observation of clinical signs;
- Disinfect the external package, conveyance and loading & unloading sites;





## 3. Border and post-border Quarantine

### 3.4 Destruction and return

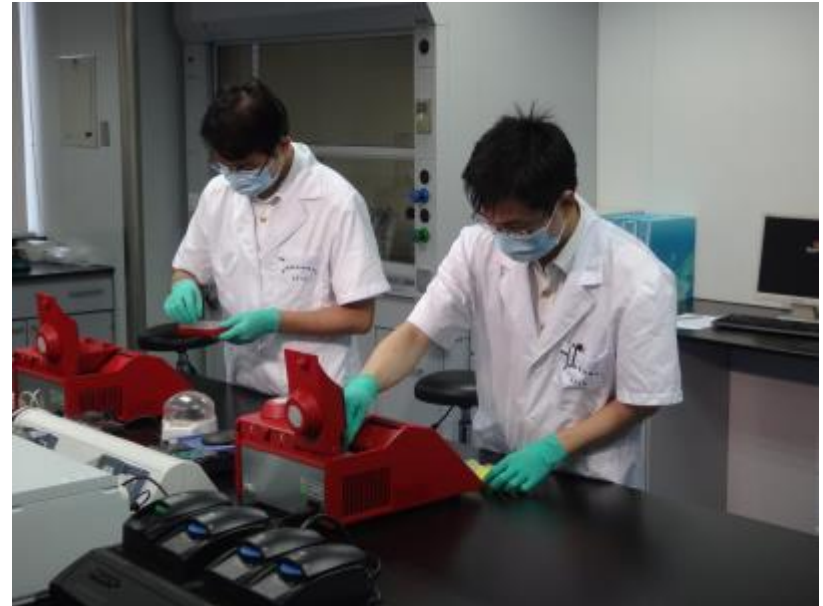
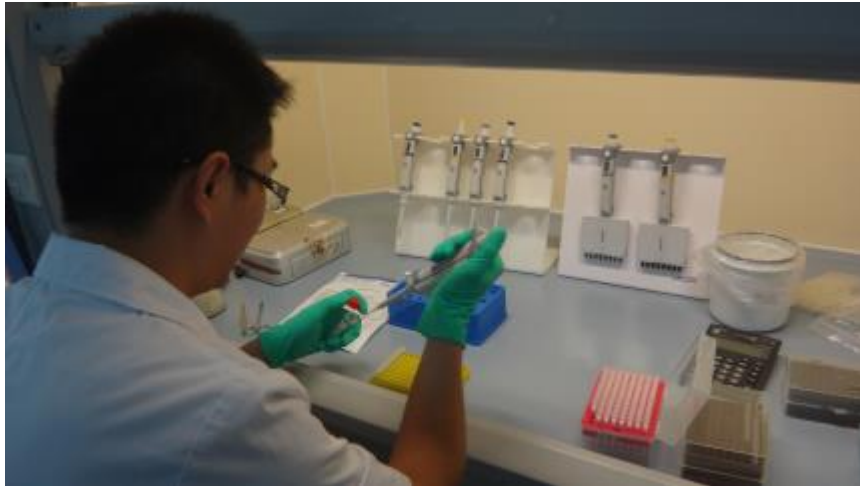
- ◆ Not listed in the list of import aquatic animal species and import countries;
- ◆ Not holding valid import permission;
- ◆ Not holding valid health certificate signed by CA or local CA of export countries;
- ◆ Not the same consignee in the health certificate and import permission;
- ◆ From the enterprises not registered;
- ◆ Commodity is not conform to the documents;
- ◆ Abnormal mortality or showing suspect clinical signs;
- ◆ Very high mortality;



# IQAA

## 3. Border and post-border Quarantine

### 3.5 Sampling and Testing



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation

**Location of Isolation facilities** (case by case): not in the vicinity of private or government fish hatcheries, aquaculture facilities, watercourses or areas subject to frequent flooding;

**General requirement:** not be used for other purpose, be a secure and lockable buildings surrounded by a lockable person-proof security fence, sterilization equipment, back-up systems for essential components (such as electricity, water circulation, aeration, temperature control, filtration etc.);

## 3. Border and post-border Quarantine

### 3.6 Isolation

#### **Specific construction and equipment requirement:**

- Windows should be screened to prevent the entry of insects;
- Floor and walls construction (material, smooth, disinfection, sealing the junctions/gaps/cracks;
- Lighting;
- Floor drainage with a plug or other mechanism to prevent the escape of aquatic animals or uncontrolled release of water;
- Doors be equipped with self-closing mechanisms to remain shut after entry;
- A personnel entrance with the facilities to wash hands, change clothing;
- A footbath containing disinfectants at the entrance door;
- Water recirculation system is permissible but not advisable;
- Entry and exit with the quarantine sign highly visible;
- A trough used for cleaning and disinfecting equipment

# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation

#### **Specific construction and equipment requirement:**

- Holding tanks, with permanent numbers, with lids or coverings, water intake lines equipped with automatic shut-off valves, an access and corridors for inspections, adequate viewing, own set of nets/buckets/beakers and other items;
- A refrigerator or freezer for the storage and preservation of dead aquatic animals;
- Disinfection wastewater equipments;
- Secure storage facilities for food;

## 3. Border and post-border Quarantine

### 3.6 Isolation

#### **Operation standards:**

- Holding tanks, with permanent numbers, with lids or coverings, water intake lines equipped with automatic shut-off valves, an access and corridors for inspections, adequate viewing, own set of nets/buckets/beakers and other items;
- A refrigerator or freezer for the storage and preservation of dead aquatic animals;
- Disinfection wastewater equipments;
- Secure storage facilities for food;

# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)





# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 1: imported koi isolation facility)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 2: imported ornamental tropical fish)



# IQAA

## 3. Border and post-border Quarantine

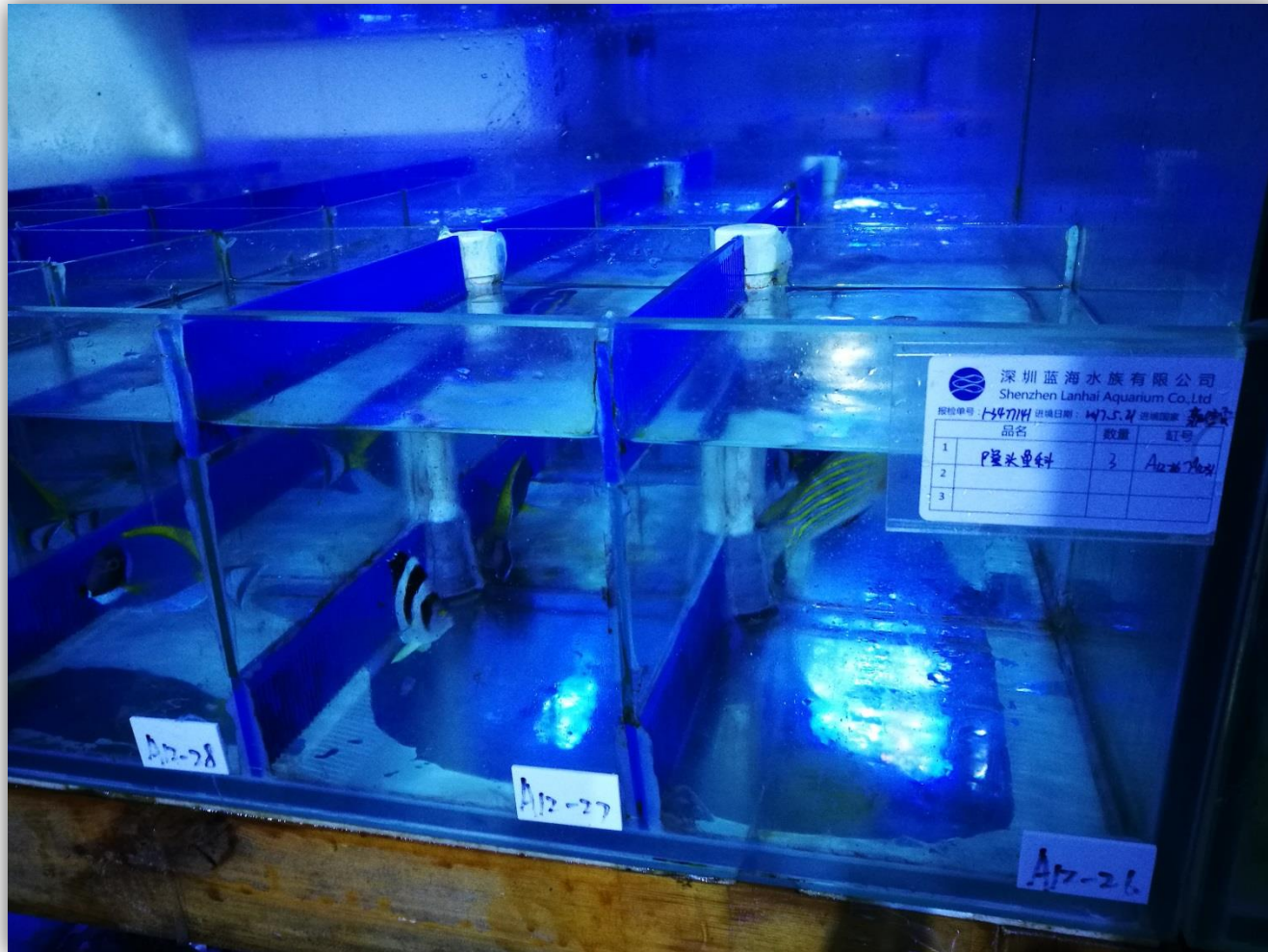
### 3.6 Isolation (Case 2: imported ornamental tropical fish)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 2: imported ornamental tropical fish)

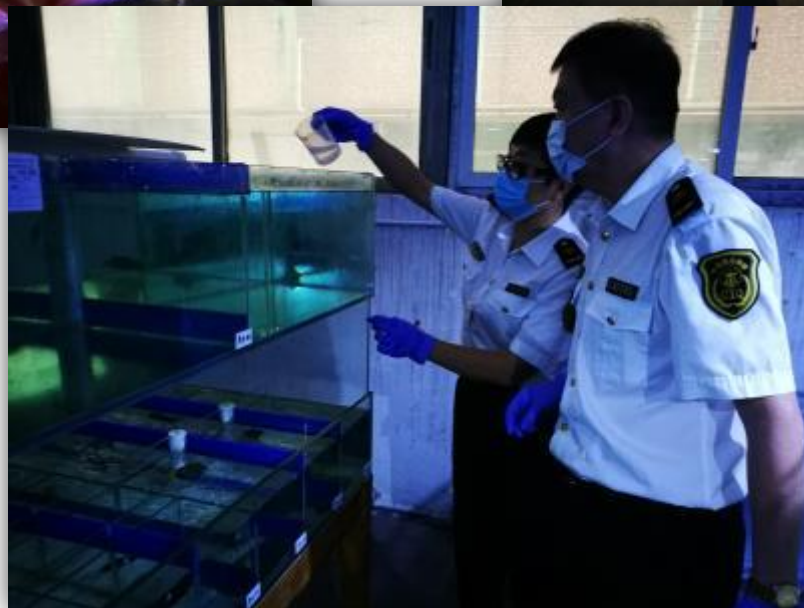
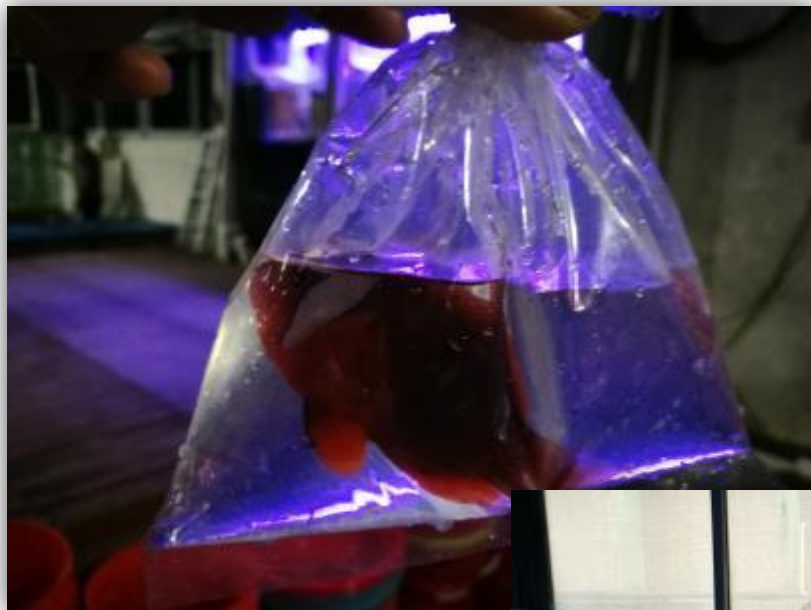




# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 2: imported ornamental tropical fish)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 2: imported ornamental tropical fish)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 3: Big size ornamental animals)



# IQAA

## 3. Border and post-border Quarantine

### 3.6 Isolation (Case 2: imported ornamental tropical fish)



**Export quarantine  
for  
aquatic animals  
(EQAA)**

# EQAA

## 1. Registration

### 1.1 Basic requirement for the farms

- Good environment and reasonable site classification with clear warning mark;
- The quality of the water used for aquaculture;
- Facilities and equipment adaptable for aquaculture, packing, epidemic prevention and medicine storage;
- Specific protocols adaptable for aquaculture, packing, epidemic prevention , medicine storage, waste and waste water treatment, personnel management and aquatic animal introduction;
- Professional technicians with the background of aquaculture and epidemic prevention;
- For farms with closed environment, facilities necessary for limit the entry and exit of non-staff member, such as wall, net and fence;
- Isolation facilities with independent influent;
- Every pond or tank with independent influent and drainage pipes;
- Influent and drainage pipes or channels of the farm constructed separately;

# EQAA

## 1. Registration

### 1.2 Basic biosecurity requirement for the farms

- No specific diseases happened during the past two years before registration;
- Farms exporting ornamental or aquatic animals for propagation or have the ability to propagate and aquaculture with enough broodstocks and aquatic animals used for human-consumption should not be cultured in the same farm;
- Notification;
- Traceability;
- Contingency plan;

# EQAA

## 1. Registration

### 1.3 Registration application

- Necessary document, including application form, aquaculture permission, map of the farms, protocols, staff qualification, et al.;
- Document review by local CA;
- Registration certificate presented with a specific registration number;
- Farms belong to one enterprises should apply for the registration separately;



- On-site audit;
- Improvement of the farms;
- Improvement confirmed by audit group;
- Approve document presented;
- Recommend to the import countries by CA headquarters;



# EQAA

## 2. Supervision and quarantine

### 2.1 Supervision

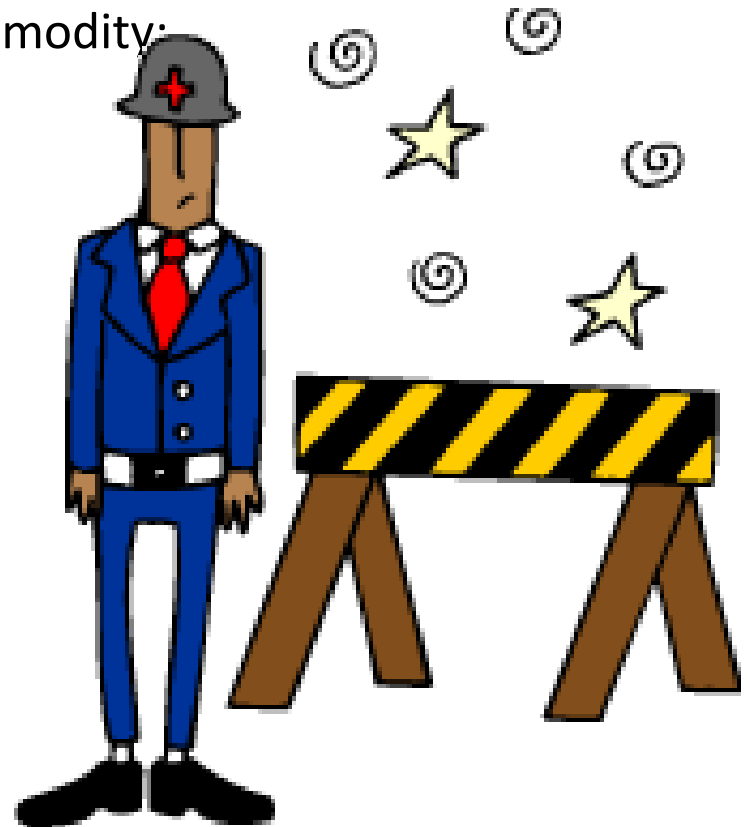
- Surveillance on the farm organized by local CA;
- Self check and self control system set up by the farms;
- A set of culture records, detailed describing the information of water quality, introduction, disease occurrence and control, medicine usage, disinfection, et al.;
- Introduction assessment protocol;
- On-site check

# EQAA

## 2. Supervision and quarantine

### 2.2 Quarantine

- Declaration to the local CA by the farms with necessary documents;
- Documents review by the local CA;
- Check the species and amount of the commodity;
- Check the package;
- Sign the health certificate by local CA;
- Seal the commodity;



**Import quarantine  
for  
aquatic animals products  
(IQAAP)**

### Article 10.6.3.

#### **Importation or transit of aquatic animals and aquatic animal products for any purpose regardless of the infectious haematopoietic necrosis status of the exporting country, zone or compartment**

- 1) *Competent Authorities* should not require any conditions related to IHN, regardless of the IHN status of the *exporting country, zone or compartment*, when authorising the importation or transit of the following *aquatic animal products* from the species referred to in Article 10.6.2. which are intended for any purpose and which comply with Article 5.4.1.:
  - a) heat sterilised, hermetically sealed fish products (i.e. a heat treatment at 121°C for at least 3.6 minutes or any time/temperature equivalent);
  - b) pasteurised fish products that have been subjected to a heat treatment at 90°C for at least ten minutes (or any time/temperature equivalent which has been demonstrated to inactivate IHNV);
  - c) mechanically dried, eviscerated fish (i.e. a heat treatment at 100°C for at least 30 minutes or any time/temperature equivalent which has been demonstrated to inactivate IHNV);
  - d) fish oil;
  - e) fish *meal*;
  - f) fish skin leather.
- 2) When authorising the importation or transit of *aquatic animals* and *aquatic animal products* of a species referred to in Article 10.6.2., other than those referred to in point 1 of Article 10.6.3., *Competent Authorities* should require the conditions prescribed in Articles 10.6.7. to 10.6.12. relevant to the IHN status of the *exporting country, zone or compartment*.
- 3) When considering the importation or transit of *aquatic animals* and *aquatic animal products* of a species not covered in Article 10.6.2. but which could reasonably be expected to pose a *risk* of spread of IHN, the *Competent Authority* should conduct a *risk analysis* in accordance with the recommendations in Chapter 2.1. The *Competent Authority* of the *exporting country* should be informed of the outcome of this assessment.

# **THANKS FOR YOUR ATTENTION**

**Dr. Hong Liu**

**State Key laboratory of Aquatic Animal Health**

**Food Inspection and Quarantine Technical Center (FICS)**

**Shenzhen Customs District**

**General Administration of Customs of P. R. China (GACC)**

**709274714@qq.com**