



# Import Health Standard

## Aquatic Animal Products

AQUAPROD.GEN

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Consultation

## **TITLE**

Import Health Standard: Aquatic Animal Products

## **COMMENCEMENT**

This Import Health Standard comes into force on [Effective Date]

## **ISSUING AUTHORITY**

This Import Health Standard is issued under section 24A of the Biosecurity Act 1993.

Dated at Wellington, [Document Date]

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## Introduction

This introduction is not part of the Import Health Standard (IHS), but is intended to indicate its general effect.

## Purpose

This IHS specifies the minimum biosecurity requirements that must be met when importing into New Zealand aquatic animal products for all uses other than as bait or feed for aquatic animals.

The identified risk organisms associated with aquatic animal products that are managed by this IHS are:

### Risk organisms in fish

#### Viruses

- a) Epizootic haematopoietic necrosis virus (EHNV) / European catfish virus (ECV) / European sheatfish virus (ESV)
- b) European eel virus (EVE)
- c) European eel herpesvirus (EEHV)
- d) Grass carp haemorrhagic virus (GCHV)
- e) Grouper iridovirus (GIV)
- f) Hirame rhabdovirus (HIRRV)
- g) Infectious haematopoietic necrosis virus (IHNV)
- h) Infectious pancreatic necrosis virus (IPNV) / Halibut birnavirus / viral deformity of yellowtail virus
- i) Infectious salmon anaemia virus (ISAV)
- j) Koi herpesvirus (KHV)
- k) New Japan virus (NJV)
- l) Nodaviruses, including viral nervous necrosis virus (NNV)
- m) *Oncorhynchus masou* virus (OMV)
- n) Piscine aquareovirus (PRV) / Salmon aquareovirus / Tasmanian salmon reovirus / grass carp reovirus / Turbot reovirus (TRV) / Heart and skeletal muscle inflammation syndrome virus
- o) Red sea bream iridovirus (RSIV) / Infectious spleen and kidney necrosis virus (ISKNV) / Gourami iridovirus
- p) Salmon alphavirus (SAV) / Salmon pancreatic disease virus
- q) Salmon gill poxvirus (SGPV) / Carp oedema virus / koi sleepy disease virus
- r) Spring viraemia of carp virus (SVCV) / Pike fry rhabdovirus
- s) Viral haemorrhagic septicaemia virus (VHSV)

#### Bacteria

- a) *Aeromonas hydrophila* (exotic strains)
- b) *Aeromonas salmonicida* var. *salmonicida* (atypical strains)
- c) *Aeromonas salmonicida* var. *salmonicida* (typical strains)
- d) *Edwardsiella* spp.
- e) *Flavobacterium columnare* (exotic strains)
- f) *Francisella* spp.
- g) *Moritella viscosa*
- h) *Piscirickettsia salmonis* and related Rickettsia-like organisms
- i) *Pseudomonas anguilliseptica*
- j) *Renibacterium salmoninarum*
- k) *Streptococcus agalactiae* (serotype III: 283)
- l) *Streptococcus iniae*
- m) *Yersinia ruckeri* (Hagerman and other exotic strains)

### Fungi and Microsporidia

- a) *Aphanomyces invadans*
- b) *Ichthyophonus hoferi*
- c) *Microsporidian pathogens*
- d) *Sphaerothecum destruens*

### Metazoa

- a) *Anguillicola crassus*
- b) Myxozoa (including *Enteromyxum*, *Henneguya*, *Kudoa*, *Myxobolus*, *Sphaerospora*, and *Unicapsula*)
- c) Cestode larvae
- d) Digenean larvae
- e) Monogenean parasites, including *Gyrodactylus salaris*

### **Risk organisms in crustaceans**

#### Fungus

- a) *Aphanomyces astaci*

#### Protozoa

- a) *Hematodinium* and *Hematodinium*-like spp.

#### Metazoa

- a) *Angiostrongylus cantonensis*
- b) *Paragonimus* spp.

## **Background**

The Biosecurity Act 1993 (the Act) provides the legal basis for excluding, eradicating and effectively managing pests and unwanted organisms.

Import health standards issued under the Act set out requirements to be met to effectively manage biosecurity risks associated with importing goods. They include requirements that must be met in the exporting country, during transit, and before biosecurity clearance can be given.

Guidance boxes are included within this IHS for explanatory purposes. The guidance included in these boxes is for information only and has no legal effect.

A separate *Guidance Document* accompanies this IHS providing information on how requirements may be met.

## **Who should read this Import Health Standard?**

This IHS should be read by importers of aquatic animal products for all uses other than as bait or feed for aquatic animals, imported from all countries. For the purposes of this IHS, aquatic animal product means a non-viable commodity derived from fish, aquatic crustaceans, aquatic molluscs, echinoderms, tunicates, and cnidarians.

### **Guidance**

- Aquatic animal products brought in as private consignment may qualify for clearance under the [Import Health Standard: Personal Consignments Animal Products, PERSONAL.ALL](#). See section 5.3 of the [Guidance Document](#) for further information regarding this IHS.

## Why is this important?

It is the importer's responsibility to ensure the requirements of this IHS are met. Consignments that do not comply with the requirements of this IHS may not be cleared for entry into New Zealand and/or further information may be sought from importers. Consignments that do not comply with the requirements of this IHS may be re-shipped or destroyed under the Act or treated in accordance with this IHS prior to release or equivalence determined. Importers are liable for all associated expenses.

The costs to MPI in performing functions relating to the importation of aquatic animal products will be recovered in accordance with the Act and any regulations made under the Act. All costs involved with documentation, transport, storage and obtaining a biosecurity clearance must be covered by the importer or agent.

## Equivalence

The Chief Technical Officer (CTO) may issue a direction under section 27(1)(d) of the Act that measures different from those set out in this IHS may be applied to effectively manage risks associated with the importation of these goods.

If an equivalent measure is approved, an import permit may be issued under section 24D(2) of the Act if the Director-General considers it appropriate to do so. The details of the CTO direction on equivalence will be included as notes in the special conditions section of the permit to inform the inspector's assessment of the commodity.

MPI's preference is that the exporting country's Competent Authority makes equivalence requests.

Equivalence requests can be lodged with the Animal Imports Team: [animal.imports@mpi.govt.nz](mailto:animal.imports@mpi.govt.nz).

An import permit application form can be found on the MPI website at: [Permit to Import Animal Products](#), or a permit application can be lodged online at the following weblink (when active): <https://animalplantimportpermit.mpi.govt.nz/>

## Transitional facility

Following biosecurity authorisation being given under section 25 of the Act, aquatic animal products (where applicable) must proceed directly to the transitional facility named on the import permit.

The documentation will be checked to ensure the aquatic animal products meet the relevant requirements specified in *Part 1: Requirements* and *Part 2: General Processing Requirements*.

## Inspection

On arrival, all documentation accompanying the consignment will be verified by an inspector.

## Document History

Refer to Schedule 1.

## Other information

This is not an exhaustive list of compliance requirements. It is the importer's responsibility to be familiar with and comply with all New Zealand laws.

## Import health standards

- a) Certain salmonid and non-salmonid fish products for human consumption (such as those in retort packaging, or those that are composite products containing dairy and egg ingredients in addition to aquatic animal ingredients) may be imported under the relevant clause in this IHS or under the relevant clause in the [Import Health Standard: Specified Animal Products, SPECPROD.ALL](#).
- b) Aquatic animal products that contain other risk ingredients (such as egg, dairy and honey) must meet the requirements in the relevant IHSs for these additional risk ingredients before biosecurity clearance will be issued. You can view all the IHSs at this link:  
<https://www.mpi.govt.nz/legal/compliance-requirements/ihs-import-health-standards/>
- c) Aquatic animal products that are of New Zealand origin but are returned to New Zealand must meet the requirements under the [Import Health Standard: Returned New Zealand Animal Products, RETURNAP.ALL](#), before biosecurity clearance will be issued.
- d) Other relevant IHSs must also be complied with before biosecurity clearance will be issued. These include, but are not limited to, the following:
  - i) Aquatic animal products imported in sea containers must comply with the [Import Health Standard: Sea Containers](#).
  - ii) Containers made of timber must meet the requirements in the [Import Health Standard: Wood Packaging Material from All Countries](#).

## Trout import prohibitions

Imported trout products must comply with the [Customs Import Prohibition \(Trout\) Order](#).

Products derived from the following trout species are prohibited from being imported unless prior consent is obtained from the New Zealand Minister for Conservation, unless the consignment is less than 10 kilograms and is not intended for sale. The Department of Conservation's Permissions Team at [permissionshamilton@doc.govt.nz](mailto:permissionshamilton@doc.govt.nz) processes consent applications.

- a) Brown trout (*Salmo trutta*)
- b) Rainbow trout (*Oncorhynchus mykiss*, formerly known as *Salmo gairdneri*)
- c) American brook trout or char (*Salvelinus fontinalis*)
- d) Lake trout or char (*Salvelinus namaycush*)
- e) Cutthroat trout (*Oncorhynchus clarki*, formerly known as *Salmo clarki*)
- f) Golden trout (*Oncorhynchus aguabonita*, formerly known as *Salmo aguabonita*)
- g) Gila trout (*Oncorhynchus gilae*, formerly known as *Salmo gilae*)
- h) Apache trout (*Oncorhynchus apache*)
- i) Mexican trout (*Oncorhynchus chrysogaster*).

The order is implemented at the border by [New Zealand Customs Service](#).

The requirements under the above order are in addition to the biosecurity import requirements as set out in clause 2.1 (Salmonid fish products) of this IHS.

## Southern bluefin tuna (*Thunnus maccoyii*) import prohibitions

Requirements under the [Fisheries \(Import Prohibitions—Southern Bluefin Tuna\) Regulations](#) apply for importing southern bluefin tuna (*Thunnus maccoyii*) products.

Import of southern bluefin tuna products are prohibited unless accompanied by relevant catch documents set out in the [Commission for the Conservation of Southern Bluefin Tuna \(CCSBT\) Resolution on the Implementation of a CCSBT Catch Documentation Scheme](#). All imports of southern bluefin tuna products must be accompanied by an appropriately completed and validated catch monitoring form or re-export/export after landing of domestic product form. The exception to this is if the consignment is less than 10 kilograms of southern bluefin tuna meat/flesh and is not intended for sale. The import prohibition does not apply to the non-

meat/non-flesh parts of the southern bluefin tuna, such as its head, eyes, roe, fins, gills, gill covers, guts, and tail.

These regulations are implemented at the border by [New Zealand Customs Service](#).

The requirements under these regulations are in addition to the biosecurity import requirements as set out in clause 2.2 (Non-salmonid fish products) of this IHS.

### **Toothfish (*Dissostichus mawsoni* and *Dissostichus eleginoides*) import prohibitions**

Requirements under the [Fisheries \(Import and Export Prohibitions—Toothfish\) Regulations](#) apply for importing products derived from Antarctic toothfish (*Dissostichus mawsoni*) and Patagonian toothfish (*Dissostichus eleginoides*).

Import of toothfish products are prohibited unless a *Dissostichus* Catch Document has been issued by the exporting country using the [Commission for the Conservation of Antarctic Marine Living Resources'](#) (CCAMLR) electronic Catch Documentation Scheme (e-CDS). The catch document verifies that the toothfish was either caught in a manner consistent with CCAMLR's conservation measures, or that it was caught outside the waters covered by the Convention. All imports and exports of toothfish must be accompanied by a *Dissostichus* Export Document (DED) or, for toothfish that has been previously exported, a *Dissostichus* Re-export Document (DRED).

These regulations are implemented at the border by [New Zealand Customs Service](#).

The requirements under these regulations are in addition to the biosecurity import requirements as set out in clause 2.2 (Non-salmonid fish products) of this IHS.

### **Food Act 2014 and the Australia New Zealand Food Standards Code**

Consignments of food imported for sale into New Zealand for human consumption must comply with relevant requirements of the Food Act 2014 and the Australia New Zealand Food Standards Code.

The Food Act 2014 requires that importers of food intended for sale for human consumption are registered with MPI prior to the importation of any food into New Zealand. This requirement is independent of the IHS requirements. Importers are advised to consult MPI's website ([www.mpi.govt.nz/importing/food/](http://www.mpi.govt.nz/importing/food/)) for information on the Food Act requirements that importers must meet to import food for sale in New Zealand.

Some imported seafood products are considered High Regulatory Interest (HRI) food or Increased Regulatory Interest (IRI) food and will require food safety clearance on arrival at the New Zealand border. A full list of these foods can be found in the [Food Notice: Importing Food](#). Food safety clearance will include a documentation check and may include inspection, sampling and testing at the importer's cost.

Food sold in New Zealand must comply with the labelling, composition, and contaminant requirements as set out in the Australia New Zealand Food Standards Code. Importers are advised to consult MPI's website for more information on this code: <https://www.mpi.govt.nz/law-and-policy/legal-overviews/food-safety/australia-new-zealand-co-operation/food-standards-australia-new-zealand-fsanz/>.



## Animal Products Act 1999

The importation of the following animal material or product must comply with the requirements issued in Overseas Market Access Requirements (OMAR) 01/172 under the Animal Products Act 1999:

- a) Imported animal materials or products, or products containing animal materials or products, that is of New Zealand origin and has been returned to New Zealand for re-export where official assurance is required, and
- b) Imported animal material or product of foreign origin intended for export or further processing for export where official assurance is required.

To arrange for inspection of any animal materials or animal products, contact your primary verifier or local MPI Verification Services office.

## CITES

It is the responsibility of the importer to ensure that the consignment is accompanied by any permit(s) required to meet the legislation of the country of origin and the Convention on the International Trade in Endangered Species (CITES) <http://www.cites.org>. See the New Zealand Department of Conservation for further details: <http://www.doc.govt.nz/about-doc/role/international/endangered-species/>.

The importer is advised to clarify the status of the species of animal in relation to international agreements on their trade, prior to export. Material arriving in New Zealand without the relevant CITES permits may be subject to seizure by the New Zealand Department of Conservation.

Any requirement for CITES or other conservation-related documentation must be met by the exporter/importer.

## Trade Single Window (TSW) and Customs clearance

All goods imported into New Zealand need to be cleared by the New Zealand Customs Service and MPI. To gain customs clearance, the required documentation must be lodged through the Trade Single Window (TSW) portal.

For more information about the TSW portal, please visit [www.customs.govt.nz/business/trade-single-window/](http://www.customs.govt.nz/business/trade-single-window/).

## Part 1: Requirements

### 1.1 Application

- (1) This IHS applies to importers of aquatic animal products from any country for all uses other than as bait or feed for aquatic animals.
- (2) Aquatic animal products sourced from within New Zealand's Territorial Sea and Exclusive Economic Zone are deemed to be of New Zealand origin. The requirements of this IHS will not apply to these products (see definitions for Territorial Sea and Exclusive Economic Zone in *Schedule 2* of this IHS).
- (3) Aquatic animal products sourced from areas of the ocean outside New Zealand's Exclusive Economic Zone are deemed to be of New Zealand origin provided they are covered by a valid high seas fishing permit issued by MPI (detailed information is available at this [link](#)).

### 1.2 Incorporation by reference

- (1) The following international standard and database are incorporated by reference in this IHS under section 142M of the Act:
  - a) The World Organisation for Animal Health (OIE) *Aquatic Animal Health Code* (the *Aquatic Code*), available at the OIE website: <https://www.oie.int/en/what-we-do/standards/codes-and-manuals/aquatic-code-online-access/>
  - b) FishBase ([www.fishbase.org](http://www.fishbase.org)).
- (2) Under section 142O(3) of the Act, it is declared that section 142O(1) does not apply. That is, a notice under section 142O(2) of the Act is not required to be published before material that amends or replaces the standards, guideline or lists incorporated under clauses 1.2(1) and (2) above has legal effect as part of this IHS.

#### Guidance for clause 1.2

- Incorporation by reference means that standards, guidelines or lists are incorporated into the IHS, and they form part of the requirements.

### 1.3 Definitions

- (1) For the purposes of this IHS and the associated guidance, terms used that are defined in the Act have the meanings set out there. The Act is available at [www.legislation.govt.nz](http://www.legislation.govt.nz).
- (2) See *Schedule 2* of this IHS for additional definitions that apply.

### 1.4 Requirements for clearance

- (1) To obtain biosecurity clearance, aquatic animal products for all uses other than as bait or feed for aquatic animals must:
  - a) Meet the requirements of clauses 1.6 and 1.7 of *Part 1: Requirements*, and applicable clauses in *Part 2: General processing requirements*; and
  - b) For products described in clauses 2.1, 2.2.2, and 2.3.1, be imported from a country that the CTO is satisfied meets the exporting country systems and certification requirements of clause 1.5; and
  - c) Be accompanied by an import permit for products described in clauses 1.9(1)(b); 2.1(1)(c), 2.2.4, and 2.4.2(1)(b), as applicable; and

- d) Where required by this IHS, be accompanied by a health certificate meeting the requirements of clause 1.10.2.

## 1.5 Exporting country systems and certification

- (1) Importers may import aquatic animal products described in clauses 2.1, 2.2.2, and 2.3.1 only if a CTO is satisfied, on the basis of evidence, that the Competent Authority of the exporting country is capable of ensuring that aquatic animal products imported from that country can meet the requirements of this IHS.
- (2) The evidence must include details about all of the following matters, that the CTO considers applicable to aquatic animal products from that exporting country:
- The ability of the exporting country's Competent Authority to verify the health status of aquatic animals in the exporting country, zone, or compartment, with respect to the risk organisms identified in *Schedule 3* (for risk organisms in fish) and clause 2.3.1 (for risk organisms in crustaceans) of this IHS.
  - The adequacy of the national systems and/or programmes and standards in the exporting country for regulatory oversight of the aquatic animal products industry.
  - The capability of the exporting country's Competent Authority to support the issue of health certificates as required by this IHS.
- (3) Importers may not import from a country where the CTO has determined that the Competent Authority of the exporting country is no longer capable of ensuring that aquatic animal products from that country can meet the requirements of this IHS.

### Guidance for clause 1.5

- The evidence will be obtained during evaluation of the Competent Authority of the exporting country in accordance with section 3 of the *Aquatic Code* titled *Quality of Aquatic Animal Health Services*.
- Once the CTO is satisfied with the exporting country's evidence for exporting systems and certification, MPI and the Competent Authority of the exporting country may commence negotiation of the country-specific health certificate.
- To be satisfied with the evidence provided, an in-country or desk-top audit may be carried out at any time, including prior to the first shipment of the commodity.
- See the *Guidance Document* accompanying this IHS for more information about exporting country systems and certification, and for a list of recognised countries and country-specific health certificates.

## 1.6 Processing

- (1) The aquatic animal products must be processed at premises that implement Good Manufacturing Practice (GMP) and Hazard Analysis and Critical Control Point (HAACP) programmes to the satisfaction of the Competent Authority of the exporting country.
- (2) The aquatic animal products must be processed at premises that are approved for their export by the Competent Authority of the exporting country.

## 1.7 Packaging

- (1) Packaging containing aquatic animal products must be clean, secure, and free of any organic contaminants.

## 1.8 Third country processed products

- (1) Where aquatic animal products described in clauses 2.1, 2.2.2, and 2.3.1 for export to New Zealand originate from a country other than the exporting country, the country of origin (source country) of the aquatic animal products must be New Zealand or a country recognised under clause 1.5 to export the aquatic animal products to New Zealand.

### Guidance for clause 1.8

- The ability to export aquatic animal products from source countries other than the exporting country will be considered during the assessment of an exporting country's export and certification systems.
- See the *Guidance Document* for more information on third-country processing.

## 1.9 Import permit information

- (1) An import permit under section 24D of the Act issued by the Director-General is required if:
  - a) It is required in this IHS; or
  - b) A CTO has approved an equivalent measure prior to import, different from that set in this IHS that may be applied to effectively manage risks.
- (2) An import permit is not required where a CTO has issued a direction under section 27(1)(d) for a measure that is different from that set in this IHS during negotiation of a country-specific veterinary certificate and the equivalent measure is incorporated into that certificate.

### Guidance for clause 1.9

- An import permit application form can be found on the MPI website at this [Permit to Import Animal Products](#), or apply for the permit online at the following weblink (when active): <https://animalplantimportpermit.mpi.govt.nz/>
- Completed application forms can be submitted to the Animal Imports Team: [animal.imports@mpi.govt.nz](mailto:animal.imports@mpi.govt.nz).

## 1.10 Documentation that must accompany goods

- (1) The consignment must arrive in New Zealand with the documentation that is specified in, and meets the requirements of, clauses 1.10(2) to 1.10(4) below.
- (2) All documentation that is required by clause 1.10 to accompany the aquatic animal product must, unless otherwise stated:
  - a) Be in English or have an English translation that is clear and legible.
  - b) Be original.
- (3) Health certification that is in a paper format must, unless otherwise stated, be endorsed on every page by the Certifying Official with their original stamp, signature, and date or be endorsed in the space allocated, and all pages have paper-based alternative security features.
- (4) Health certification that is in an electronic format must, unless otherwise stated, be transmitted directly from the Competent Authority of the exporting country to MPI, using an electronic system approved by MPI for that purpose.

### 1.10.1 Import permit

- (1) An import permit (copy acceptable), where required by this IHS, must meet the requirements of clause 1.9 (1).

### 1.10.2 Health certificate

- (1) A health certificate from the exporting country's Certifying Official, where required by this IHS, must include the following:
- A unique consignment identifier.
  - The description, source species or family (where applicable), and amount of product.
  - The name and address of the importer (consignee) and exporter (consignor).
  - The name, signature, and contact details of the Certifying Official.
  - Certification and endorsement by the Certifying Official that the general requirements outlined in *Part 1: Requirements* of this IHS have been met.
  - Certification and endorsement by the Certifying Official that the relevant requirements outlined in *Part 2: General Processing Requirements* of this IHS have been met (except for those requirements that a CTO has agreed during negotiation under clause 1.5 as not being required for a country-specific health certificate).

#### Guidance for clause 1.10.2

- Where equivalent measures have been negotiated and agreed with MPI, and a CTO has, prior to import, issued a direction under section 27(1)(d) of the Act that is different from those in this standard in the form of a negotiated health certificate, a country-specific health certificate must accompany the consignment.
- See the *Guidance Document* for more information about equivalence and country-specific health certificates.

### 1.11 Transition period

- (1) From [date of final issue] to [6 months after date of issue], the requirements of this *Import Health Standard: Aquatic Animal Products* may be met by complying with the requirements of the applicable IHS set out below that is in force immediately before the issue of this IHS:
- Import Health Standard for the Importation into New Zealand of Caviar for Human Consumption from All Countries, FISCAVIC.ALL*; 19 May 2008.
  - Import Health Standard for the Importation into New Zealand of Commercial Consignments of Fresh/Frozen/Processed Salmonids for Human Consumption from the European Community FISSALIC.EEC*; 24 September 2004.
  - Import Health Standard for the Importation into New Zealand of Cooked Fish from All Countries FISCOOIC.ALL*; 11 May 2004.
  - Import Health Standard for the Importation into New Zealand of Fish Eggs/Roe for Human Consumption from the European Community, FISROEIC.EEC*; 24 September 2004.
  - Import Health Standard for the Importation into New Zealand of Frozen Nile Perch (*Lates niloticus*) Skinless, Boneless Fillets for Human Consumption from Kenya, Tanzania or Uganda (Lake Victoria), FISNPEIC.ALL*; 28 June 2000.
  - Import Health Standard for the Importation of Marine Fisheries Products for Human Consumption from All Countries, FISMARIC.ALL*; 6 October 2008.
  - Import Health Standard for the Importation into New Zealand of Marine Fisheries Products for Human Consumption from the European Community, FISMARIC.EEC*; 24 September 2004.
  - Import Health Standard for Processed Tilapia and Catfish for Human Consumption, FISFILIC.SPE*; 4 February 2011.

- i) *Import Health Standard for the Importation into New Zealand of Processed (Rendered) Animal Protein Derived from Fish Material for Animal Feed from the European Community FODPPFIC.EEC; 6 October 2004.*
  - j) *Import Health Standard for the Importation into New Zealand of Salmonids for Human Consumption from Australia, FISSALIC.AUS; 16 August 2000.*
  - k) *Import Health Standard for the Importation into New Zealand of Salmonids for Human Consumption from Specified Countries, FISSALIC.SPE; 28 June 2004.*
  - l) *Import Health Standard for the Importation into New Zealand of Marine Fish for Petfood from All Countries, PETFISIC.ALL; 12 November 1999.*
- (2) From [date of final issue] to [6 months after date of issue], the requirements of this *Import Health Standard: Aquatic Animal Products* may be met by complying with the requirements of the applicable clause in the import health standard set out below that is in force immediately before the issue of this IHS:
- a) Clause 7.2.3 (Fishmeal and fish oil) of the *Import Health Standard for Fish Food and Fish Bait from all Countries, FISFOOIC.ALL; 2 December 2011.*
  - b) Clauses relating to fish oil in the *Import Health Standard for the Importation into New Zealand of Lard, Rendered Fats and Oils and Fish Oil not for Human Consumption from the European Community, INETALIC.EEC; 11 October 2004.*

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## Part 2: General processing requirements

### 2.1 Salmonid fish products

- (1) Salmonid fish products may be imported provided all of the following requirements are met:

#### Guidance for clause 2.1(1)

- Certain salmonid fish products for human consumption (such as those in retort packaging, or those that are composite products containing dairy and egg ingredients in addition to aquatic animal ingredients) may be imported under clause 2.1 of this *IHS: AQUAPROD.GEN* or under the relevant clause of the *Import Health Standard: Specified Animal Products, SPECPROD.ALL*.

- a) The exporting country is recognised under clause 1.5 of this IHS.
- i) If the exporting country is not the source country, then the source country must be recognised under clause 1.5 of this IHS.
- b) The product is:
- i) Headed, gilled, and gutted salmonid fish; or
- ii) Salmonid fish fillets or steak; or
- iii) Products derived from further processing of salmonid fish fillets and/or salmonid fish steak.
- c) For salmonid fish in headed, gilled, and gutted form, the consignment is accompanied by an import permit naming the transitional facility to which the consignment will be authorised for processing for clearance in accordance with *Schedule 9: Processing Requirements at the Transitional Facility*.
- d) The consignment is accompanied by the negotiated health certificate issued by the Competent Authority of the exporting country attesting all of the following:
- i) The product is derived from fish within the family Salmonidae.
- ii) The product is derived from salmonid fish that were harvested from a population for which a documented health surveillance programme exists which is administered by a competent government-authorized agency.
- iii) The product is derived from salmonid fish that were not slaughtered as an official disease control measure as a result of an outbreak of disease.
- iv) The product is derived from salmonid fish that were processed in a premises under the supervision of a competent government-authorized regulatory agency with responsibility for food safety standards during processing of fish for export.

#### Guidance for clause 2.1

- See the *Guidance Document* for the list of countries that can export salmonid fish products to New Zealand.
- The *Guidance Document* has the country-specific health certificates agreed for trade of salmonid fish products.
- An import permit application form can be found on the MPI website at this [Permit to Import Animal Products](#), or apply for the permit online at the following weblink (when active): <https://animalplantimportpermit.mpi.govt.nz/>

- For importing trout products, see details under the heading **Trout import prohibitions** in the sub-section **Other information** under the section **Introduction**.

## 2.2 Non-salmonid fish products

### 2.2.1 Marine fish products from Australia

- (1) Whole fish and fish products may be imported from Australia for all uses other than as bait or feed for aquatic animals provided the consignment is accompanied by a health certificate attesting all of the following:
  - a) The fish or the fish product is either:
    - i) Sea mullet (*Mugil cephalus*) or derived from this fish species; or
    - ii) A marine fish species or derived from a marine fish species (see definition for marine fish species in *Schedule 2*).
  - b) The fish was caught in Australia's exclusive economic zone or adjacent international waters.

### 2.2.2 Non-salmonid fish products from recognised countries

- (1) Whole fish and fish products from species belonging to families listed in *Schedule 3* may be imported for all uses other than as bait or feed for aquatic animals provided all of the following requirements are met:
  - a) The exporting country is recognised under clause 1.5.
  - b) The exporting country is free from the risk organisms of concern to New Zealand as listed in *Schedule 3* of the IHS for the family the fish species belongs, or the product has been treated by an MPI-approved process to mitigate the risk organisms of concern to New Zealand for the family the fish species belongs to.
  - c) The product is accompanied by the negotiated health certificate naming the fish species that is from a family listed in *Schedule 3* of the IHS.

#### Guidance for clause 2.2.2

- Clause 2.2.2 provides for the importation of whole, non-salmonid fish and non-salmonid fish products that are unable to be imported under the other clauses of this IHS.
- For non-salmonid fish species belonging to families not listed in *Schedule 3* of the IHS, an application can be made to MPI to request an additional risk assessment for these species to be added to the IHS.
- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country as a reference for initiating country-specific health certificate negotiation. Before trade can begin, a certificate (using the model) must be negotiated and agreed between MPI and the Competent Authority of the exporting country. A sample of the agreed certificate will be linked in Section 5.6.2 of the *Guidance Document* and in the dropdown area where the *Import Health Standard: Aquatic Animal Products* is published on MPI's website.
- FishBase ([www.fishbase.org](http://www.fishbase.org)) has the *Information by Family* section that provides the list of fish species within a family.



### 2.2.3 Low-risk non-salmonid fish products from any country

- (1) Whole fish and fish products may be imported from any country for all uses other than as bait or feed for aquatic animals provided they are accompanied by a health certificate with the following attestations:
- a) For fish families listed in Schedule 4:
    - i) The fish is from a family listed in *Schedule 4* of the IHS.
  - b) For fish species listed in Schedule 5:
    - i) The fish is a species listed in *Schedule 5* of the IHS.
    - ii) The fish has been frozen to a minimum core temperature of -18°C for a period of not less than 168 hours.
  - c) For fish species listed in Schedule 6:
    - i) The fish is a species listed in *Schedule 6* of the IHS.
    - ii) The fish has been frozen to a minimum core temperature of -18°C for a period of not less than four months.

#### Guidance for clause 2.2.3

- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country for the purpose of exporting low-risk non-salmonid fish products to New Zealand. Exporting countries can use the model health certificate to export these commodities to New Zealand without negotiation or pre-approval by MPI.

### 2.2.4 Non-salmonid fish from any country for further processing in New Zealand

- (1) Whole, non-salmonid fish and fish products of any species may be imported from any country for further processing in New Zealand provided the consignment is accompanied by the following documents:
- a) A health certificate identifying the species of fish comprising the consignment and attesting that the species does not belong to the family Salmonidae.
  - b) An import permit that names the transitional facility to which the consignment will be authorised for processing for clearance in accordance with *Schedule 9: Processing Requirements at the Transitional Facility*.

#### Guidance for clause 2.2.4

- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country for the purpose of exporting non-salmonid fish products for further processing in New Zealand. Exporting countries can use the model health certificate for importing these products into New Zealand without negotiation or pre-approval by MPI.

### 2.2.5 Specified non-salmonid fish products from any country

- (1) The following non-salmonid fish products may be imported from any country for all uses other than as bait or feed for aquatic animals, provided they are accompanied by a health certificate with the relevant attestations:

#### Guidance for clause 2.2.5

- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country for the purpose of exporting specified non-salmonid fish

products to New Zealand. Exporting countries can use the model health certificate for importing these commodities into New Zealand without negotiation or pre-approval by MPI.

### 2.2.5.1 Non-salmonid fish skin-off fillets

- (1) The product is skin-off fillet that is either:
  - a) Derived from a fish species belonging to a family listed in *Schedule 3* of the IHS and frozen to a minimum core temperature of  $-20^{\circ}\text{C}$  for a period of not less than 168 hours; or
  - b) Derived from a fish species belonging to a family listed in *Schedule 7* of the IHS.

### 2.2.5.2 Dried non-salmonid fish products

- (1) The product is derived from a fish species that does not belong to the family Salmonidae.
- (2) The fish is eviscerated.
- (3) The product has been mechanically dried (see definition in *Schedule 2* of the IHS) at a minimum core temperature of  $100^{\circ}\text{C}$  for a period of not less than 30 minutes.

### 2.2.5.3 Non-salmonid fish products in retail packaging

- (1) The product is derived from a fish species that does not belong to the family Salmonidae.
- (2) The product is in retail packaging (see definition in *Schedule 2* of the IHS) intended for direct sale to households and businesses in the food service sector.
- (3) The product is frozen.
- (4) Each retail package has a net content of not more than 1 kg or 1 litre.

#### Guidance for clause 2.2.5.3

- Products listed in clause 2.2.5.3 may also meet the requirements under clause 2.2.5.1 or 2.2.5.2.
- Clause 2.2.5.3 includes, but is not limited to, products such as fish balls, fish cakes, fish chowders, fish collars, fish crackers, fish flavourings (including extracts and stocks), fish mince, fish roe, fish sauces, fish soups, kippered fish, marinated fish, ready-to-eat fish meals, sashimi, smoked fish, surimi, whitebait, and whole fish.
- Certain non-salmonid fish products for human consumption (such as those in retort packaging, or those that are composite products containing dairy and egg ingredients in addition to aquatic animal ingredients) may be imported under clause 2.2.5.3 of this IHS or under the relevant clause of the *Import Health Standard: Specified Animal Products, SPECPROD.ALL*.

## 2.3 Crustacean products

### 2.3.1 Crustacean products from recognised countries

- (1) Crustacean products may be imported for all uses other than as bait or feed for aquatic animals provided the following requirements are met:
  - a) The exporting country is recognised under clause 1.5.
  - b) The consignment is accompanied by the negotiated health certificate identifying the exporting country as being free from the identified risk organisms for the commodity as specified below:
    - i) For products derived from crustacean species listed in *Schedule 8* of the IHS, the exporting country must be free from *Aphanomyces astaci*.
    - ii) For products derived from crab and lobster species, the exporting country must be free from *Hematodinium* spp.

#### Guidance for clause 2.3.1

- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country as a reference for initiating country-specific health certificate negotiation. Before trade can begin, a certificate (using the model) must be negotiated and agreed between MPI and the Competent Authority of the exporting country. A sample of the agreed certificate will be linked in Section 5.6.2 of the *Guidance Document* and in the dropdown area where the *Import Health Standard: Aquatic Animal Products* is published on MPI's website.

### 2.3.2 Specified crustacean products from any country

- (1) The following crustacean products may be imported from any country for all uses other than as bait or feed for aquatic animals, provided they are accompanied by a health certificate with the relevant attestations.

#### 2.3.2.1 Heat-treated crustacean products

- (1) For crustacean species listed in *Schedule 8* of the IHS, the product has been heat treated to one of the following temperature/time parameters:
  - a) Heat treated to a minimum core temperature of 100°C for a period of not less than one minute; or
  - b) Heat treated to a minimum core temperature of 90°C for a period of not less than 10 minutes.
- (2) For all other crustacean species, the product is heat treated until all protein in the crustacean meat is coagulated.

#### Guidance for clause 2.3.2.1

- Dried crustacean products for uses other than as bait or feed for aquatic animals can be imported under clause 2.3.2.1.
- Crustacean meals for uses other than as bait or feed for aquatic animals can be imported either under clause 2.3.2.1 or clause 2.8 of this IHS.

#### 2.3.2.2 Frozen crustacean products

- (1) For crustacean species listed in *Schedule 8* of the IHS, the product has been frozen to a minimum core temperature of -20°C for a period of not less than 72 hours.
- (2) For all other crustacean species, the product has been frozen to a minimum core temperature of -18°C.

### 2.3.2.3 Crustacean products in retail packaging

- (1) The product is in retail packaging (see definition in *Schedule 2*).
- (2) Each retail package has a net content of not more than 1 kg or 1 litre.
- (3) The packaging is labelled with the words “**For human consumption only. Not to be used as bait or feed for aquatic animals**”.

#### Guidance for clause 2.3.2.3

- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country for exporting crustacean products in retail packaging to New Zealand. Exporting countries can use the model health certificate for importing these commodities into New Zealand without negotiation or pre-approval by MPI.
- Crustacean products listed in clause 2.3.2.3 may also meet the requirements under clause 2.3.2.1 or 2.3.2.2.
- Clause 2.3.2.3 includes, but is not limited to, products such as butterflied prawns, dried shrimps, peeled prawn, prawn cakes, prawn chips, prawn chowders, prawn crackers, prawn cutlets, prawn sauces, prawn soups, ready-to-eat crustacean meals, shrimp balls, shrimp roe, tempura prawns, and whole prawns.
- Retorted crustacean products for human consumption may be imported either under clause 2.3.2.3 of this IHS or the relevant clause under the [Import Health Standard: Specified Animal Products, SPECPROD.ALL](#).

## 2.4 Mollusc products

### 2.4.1 *Haliotis* spp. (abalone) products

- (1) *Haliotis* spp. (abalone) products may be imported from any country provided they are accompanied by a health certificate attesting all of the following:
  - a) The product is derived from *Haliotis* spp. (abalone).
  - b) The product does not contain any shell.
  - c) The meat of the *Haliotis* (abalone) has been heated to a minimum core temperature of 55°C for a period of not less than 10 minutes.

### 2.4.2 Mollusc products other than *Haliotis* spp. (abalone)

- (1) Mollusc products other than *Haliotis* spp. (abalone) may be imported from any country provided they are accompanied by:
  - a) A health certificate attesting all of the following:
    - i) The product is derived from a mollusc species other than *Haliotis* spp. (abalone).
    - ii) The product does not contain any shell.
    - iii) The meat of the mollusc is cooked or dried or frozen.
  - b) An import permit (copy acceptable) for products where the meat of the mollusc has been put on to a cleaned shell.

#### Guidance for clause 2.4.2

- An import permit for mollusc meat put on to a cleaned shell will only be issued if the manufacturing process can demonstrate that the shell is cleaned to free it of adherent fat, muscle, sinew, blood, extraneous organic material, pest infestation, and evidence of decay.

- The *Guidance Document* has a model health certificate that can be used by the Competent Authority of the exporting country for the purpose of exporting mollusc products to New Zealand. Exporting countries can use the model health certificate for importing these commodities into New Zealand without negotiation or pre-approval by MPI.

## 2.5 Echinoderm products

- (1) Echinoderm products (sea urchins, sea cucumber, etc.) may be imported from any country provided they are commercially prepared and packaged.

## 2.6 Tunicate products

- (1) Tunicate products (sea squirt, sea tulips, sea peaches, sea pineapple/shoyas, *Pyura* spp., *Microcosmus* spp.) may be imported from any country provided they are commercially prepared and packaged.

## 2.7 Cnidarian (jellyfish) products

- (1) Cnidarian (jellyfish) products may be imported from any country provided they are commercially prepared and packaged.

### Guidance for clauses 2.5, 2.6, and 2.7

- For the products described in clauses 2.5., 2.6, and 2.7, biosecurity clearance at the border will be facilitated if the exporter includes a document identifying the product as echinoderm, or tunicate or cnidaria (jellyfish) and that it has been commercially prepared and packaged.

## 2.8 Aquatic animal meal and aquatic animal oil

- (1) Aquatic animal meal and aquatic animal oil may be imported from any country for all uses other than as bait or feed for aquatic animals, provided it is accompanied by a health certificate attesting that a minimum core temperature of 80°C for a period of no less than 20 minutes was used for manufacturing the product.

### Guidance for clause 2.8

- Meal and oil derived from fish belonging to the family Salmonidae may be imported under clause 2.8.
- Meal and oil derived from any crustacean species may be imported either under clause 2.3.2.1, or 2.3.2.3, or 2.8 of this IHS.

## Schedule 1 – Document history

Date First Issued	Title	Shortcode
2 August 2021 (Internal Consultation)	Import Health Standard: Aquatic Animal Products	IHS AQUAPROD.GEN
11 October 2021 (External Consultation)	Import Health Standard: Aquatic Animal Products	IHS AQUAPROD.GEN
Date of Issued Amendments	Title	Shortcode

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Consultation

## Schedule 2 – Definitions

### Aquatic animal

An animal belonging to:

- a) Superclass *Osteichthyes*, including, but not limited to, bony fish like salmon, perches, cods, herrings, and eels.
- b) Class *Chondrichthyes*, including, but not limited to, cartilaginous fish like sharks and stingrays.
- c) Phylum *Mollusca*, including, but not limited to, clams, mussels, oysters, scallops, octopus, squids, and aquatic snails. Excludes terrestrial crustacean species.
- d) Subphylum *Crustacea*, including, but not limited to, crabs, lobsters, shrimp, prawns, and crawfish. Excludes terrestrial crustacean species.
- e) Phylum *Echinodermata*, including, but not limited to, sea cucumbers, sea stars, and sea urchins.
- f) Phylum *Cnidaria*, such as jellyfish.
- g) Subphylum *Tunicata*, including, but not limited to, sea squirts, sea tulips, sea peaches (*Halocynthia aurantium*) sea pineapples/hoyas (*Halocynthia roretzi*), *Pyura* spp., and *Microcosmus* spp.

### Aquatic animal product

A non-viable (non-living) commodity derived from an aquatic animal. For the purposes of this IHS, roe (fish eggs) and milt (fish seminal fluid) are aquatic animal products.

### Bait

Any substance used to attract and catch aquatic animals. For the purposes of this IHS, bait will be limited to substances derived from aquatic animals (as defined in this IHS).

### Certifying Official

The person authorised by the Competent Authority of the exporting country to sign health certificates for aquatic animal products.

### Competent Authority

The Governmental Authority of an OIE Member that has the responsibility and competence for ensuring or supervising the implementation of aquatic animal health and welfare measures, international health certification and other standards and recommendations in the *Aquatic Code* in the whole territory.

### Crustacean product

An aquatic animal product derived from subphylum Crustacea. Includes animals such as, but not limited to, crabs, lobsters, shrimp, prawns, and crawfish. Excludes terrestrial crustacean species.

### Echinoderm

A member of the phylum Echinodermata. Examples include sea cucumbers, sea stars, and sea urchins.

### Exclusive Economic Zone

The area of the sea stretching from a country's baseline out to 200 nautical miles offshore.

For New Zealand, the Exclusive Economic Zone is as described in Section 9 of the [Territorial Sea, Contiguous Zone, and Exclusive Economic Zone Act 1977](#).

### Fish

A member of the superclass Osteichthyes (bony fish, including, but not limited to, salmon, perches, cods, herrings, and eels) and class Chondrichthyes (cartilaginous fish like sharks and stingrays).

**Fillet**

A slice of fish flesh that is removed by a cut made parallel to the backbone.

**Food service sector**

Businesses that prepare and serve food that is ready to eat on site or to be taken away to be eaten in the vicinity without necessarily requiring any further preparation by consumers.

Food service sector has the same meaning as given in Schedule 1, Part 3 of the [Food Act 2014](#).

**Fry**

Immature fish of any species at the stage where scales have not yet developed. They are usually between 25 and 50 millimetres in length.

**Good Manufacturing Practice (GMP)**

A Competent Authority approved food control operation aimed at ensuring that products are consistently manufactured to a specified quality appropriate to their intended use. It thus has two complementary and interacting components; the manufacturing operation itself and the control system and procedures.

**Hazard Analysis and Critical Control Point (HAACP)**

A system that identifies, evaluates and controls hazards that are significant for biosecurity and food safety.

**Headed, gilled, and gutted fish**

A fish that has its head, gills, and gut removed.

**Mechanically dried**

Removing moisture from the aquatic animal by blowing heated air through it. The following processes do not meet the definition for mechanical drying:

- a) Drying under the sun
- b) Freeze-drying
- c) Drying by infrared radiation
- d) Salting
- e) Smoking

**Marine fish**

A fish species that spends all of its lifecycle in saltwater. An example of a marine fish species is *Thunnus thynnus* (the Atlantic bluefin tuna). A fish (such as the salmon) that spends part of its lifecycle in freshwater environment is not a marine fish species even if harvested from saltwater.

MPI uses FishBase ([www.fishbase.org](http://www.fishbase.org)), the global biodiversity information system on fish, for determining the marine status of fish species. If any one of the terms; freshwater, anadromous, catadromous, amphidromous, diadromous, or potamodromous is mentioned in FishBase's *Environment* section for the species then it does not qualify as a marine fish species.

**Mollusc**

An animal belonging to the phylum Mollusca. Examples include clams, cuttlefish, mussels, octopus, oysters, snail, and squids. For the purposes of this IHS, terrestrial molluscs, such as land snails (escargots), are excluded from the definition of mollusc.

**OIE**

The World Organisation for Animal Health ([www.oie.int](http://www.oie.int)).



## Retail packaging

The original imported packaging for direct sale of the aquatic animal product to households and businesses in the food service sector in New Zealand. The content within the packaging cannot be subjected to any action that may lead to exposure to the environment until opened at the households and businesses in the food service sector. Retail packaged goods must be appropriately labelled to include product information such as name or description of the product, name and address of the manufacturer, date marking, batch number, ingredients list, percentage labelling, quantity information, and use and storage directions.

## Salmonid

Fish belonging to the family Salmonidae.

## Shelf-stable

A product is shelf-stable if the product:

- a) Is able to be stored in the package at room or ambient temperature; and
- b) Does not require refrigeration or freezing before the package is opened.

## Steak

A cross-section cut of a fish that may include a piece of the backbone.

## Territorial sea

Means New Zealand's area of sea as described in Section 3 of the [Territorial Sea, Contiguous Zone, and Exclusive Economic Zone Act 1977](#). In simple terms, New Zealand's Territorial Sea is the area of water not exceeding 12 nautical miles measured from the shores.

## Tunicate

A member of the subphylum Tunicata. Sea squirts and sea pineapples are members of this subphylum.

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## Schedule 3 – Fish families and their disease susceptibilities

See clauses 2.2.2 and 2.2.5.1 for information relevant to this schedule.

### RISK ORGANISM KEY

Key	Risk organisms of concern to New Zealand
1	<i>Aeromonas hydrophila</i> (exotic strains)
2	<i>Aeromonas salmonicida</i> var. <i>salmonicida</i> (atypical strains)
3	<i>Aeromonas salmonicida</i> var. <i>salmonicida</i> (typical strains)
4	<i>Anguillicola crassus</i>
5	<i>Aphanomyces invadans</i>
6	Cestode larvae
7	Digenean larvae
8	<i>Edwardsiella</i> spp.
9	Epizootic haematopoietic necrosis virus (EHNV) / European catfish virus (ECV) / European sheatfish virus (ESV)
10	European eel herpesvirus (EEHV)
11	European eel virus (EVE)
12	<i>Flavobacterium columnare</i> (exotic strains)
13	<i>Francisella</i> spp.
14	Grass carp haemorrhagic virus (GCHV)
15	Grouper iridovirus (GIV)
16	Hirame rhabdovirus (HIRRV)
17	<i>Ichthyophonus hoferi</i>
18	Infectious haematopoietic necrosis virus (IHNV)
19	Infectious pancreatic necrosis virus (IPNV) / Halibut birnavirus / Viral deformity of yellowtail virus
20	Infectious salmon anaemia virus (ISAV)
21	Koi herpesvirus (KHV)
22	Microsporidian pathogens
23	Monogenean parasites, including <i>Gyrodactylus salaris</i>
24	<i>Moritella viscosa</i>
25	Myxozoa (including <i>Enteromyxum</i> , <i>Henneguya</i> , <i>Kudoa</i> , <i>Myxobolus</i> , <i>Sphaerospora</i> , and <i>Unicapsula</i> )
26	New Japan virus (NJV)
27	Nodaviruses, including nervous necrosis virus (NNV)
28	<i>Oncorhynchus masou</i> virus (OMV)
29	Piscine aquareovirus (PRV)/salmon aquareovirus/Tasmanian salmon reovirus / grass carp reovirus / Turbot reovirus (TRV) / Heart and skeletal muscle inflammation syndrome virus
30	<i>Piscirickettsia salmonis</i> and related rickettsia-like organisms
31	<i>Pseudomonas anguilliseptica</i>
32	Red sea bream iridovirus (RSIV) / Infectious spleen and kidney necrosis virus (ISKNV) / Gourami iridovirus
33	<i>Renibacterium salmoninarum</i>
34	Salmon alphavirus (SAV) / Salmon pancreatic disease virus
35	Salmon gill poxvirus (SGPV) / Carp oedema virus / koi sleepy disease virus
36	<i>Sphaerothecum destruens</i>
37	Spring viraemia of carp virus (SVCV) / Pike fry rhabdovirus
38	<i>Streptococcus agalactiae</i> (serotype III: 283); <i>Streptococcus iniae</i>
39	Viral haemorrhagic septicaemia virus (VHSV)
40	<i>Yersinia ruckeri</i> (Hagerman and other exotic strains)

<b>SCHEDULE 3: FISH FAMILIES AND THEIR DISEASE SUSCEPTIBILITIES</b>	
<b>Fish Family</b>	<b>Risk Organisms</b> (For risk organism names see the Risk Organism Key table at the beginning of Schedule 3)
<b>Acanthuridae</b>	23; 27
<b>Achiridae</b>	5
<b>Acipenseridae</b>	1; 18; 19; 21; 27; 35; 40
<b>Acropomatidae</b>	27
<b>Alestidae</b>	5
<b>Ambassidae</b>	5
<b>Amiidae</b>	19
<b>Ammodytidae</b>	2; 19; 39
<b>Anabantidae</b>	5; 8
<b>Anarhichadidae</b>	2; 19; 27; 35
<b>Anguillidae</b>	2; 4; 5; 6; 8; 10; 11; 18; 19; 22; 23; 25; 27; 31; 35; 38; 39; 40
<b>Anoplopomatidae</b>	2; 5; 33; 39
<b>Argentinidae</b>	29; 35; 39
<b>Ariidae</b>	5; 35; 38
<b>Atherinidae</b>	19; 35
<b>Aulorhynchidae</b>	19; 39
<b>Bagridae</b>	5
<b>Batrachoididae</b>	8; 27
<b>Belonidae</b>	5; 39
<b>Berycidae</b>	25
<b>Bothidae</b>	19; 27; 35
<b>Carangidae</b>	5; 8; 17; 19; 22; 23; 25; 27; 29; 31; 32; 35; 38; 39
<b>Carcharhinidae</b>	25
<b>Catostomidae</b>	2; 19; 23; 35; 39
<b>Centrarchidae</b>	2; 4; 5; 8; 12; 19; 27; 29; 31; 32; 35; 37; 39
<b>Chaetodontidae</b>	23
<b>Chanidae</b>	27
<b>Channidae</b>	5; 7; 8; 19; 23; 29; 38
<b>Chirocentridae</b>	25
<b>Cichlidae</b>	2; 4; 5; 7; 8; 11; 12; 13; 19; 23; 25; 27; 30; 31; 37; 38; 40
<b>Clariidae</b>	5; 8; 12; 25
<b>Clupeidae</b>	2; 5; 6; 7; 16; 17; 18; 19; 20; 25; 27; 29; 31; 33; 38; 39
<b>Cobitidae</b>	31
<b>Congridae</b>	23
<b>Coryphaenidae</b>	25
<b>Cyclopteridae</b>	2; 24
<b>Cynoglossidae</b>	27
<b>Cyprinidae</b>	1; 2; 3; 4; 5; 6; 7; 8; 12; 14; 17; 19; 21; 23; 25; 27; 29; 31; 32; 33; 35; 36; 37; 38; 39; 40
<b>Cyprinodontidae</b>	19
<b>Dasyatidae</b>	8; 25; 38
<b>Distichodontidae</b>	25

<b>SCHEDULE 3: FISH FAMILIES AND THEIR DISEASE SUSCEPTIBILITIES</b>	
<b>Fish Family</b>	<b>Risk Organisms</b> (For risk organism names see the Risk Organism Key table at the beginning of Schedule 3)
Eleotridae	5; 7; 8; 27
Embiotocidae	18; 19; 23; 33; 39
Engraulidae	25; 39
Esocidae	2; 3; 4; 7; 9; 18; 19; 25; 37; 39
Exocoetidae	5
Fundulidae	39
Gadidae	2; 3; 13; 17; 18; 19; 20; 24; 25; 27; 31; 34; 39; 40
Galaxiidae	9
Gempylidae	25
Gerreidae	2
Glaucostegidae	25
Gobiidae	4; 5; 8; 27; 39
Haemulidae	8; 27; 32; 38
Haplogenyidae	27
Hexagrammidae	2; 23; 33
Ictaluridae	1; 5; 7; 8; 9; 12; 19; 23; 25; 29; 38; 39; 40
Kurtidae	5
Kyphosidae	23; 32
Labridae	2; 3; 19; 23; 34
Lateolabracidae	7; 16; 23; 27; 32
Latidae	5; 8; 12; 23; 25; 27; 31; 32; 35; 38
Latridae	2; 27
Leiognathidae	27
Lepisosteidae	19
Lethrinidae	27; 32
Lopiidae	27
Lotidae	1; 2; 39; 40
Lutjanidae	5; 17; 25; 27; 38
Macrouridae	19; 25; 27
Malacanthidae	27
Mastacembelidae	5
Merluccidae	19; 25; 33; 39
Monacanthidae	27
Moronidae	2; 3; 5; 8; 13; 17; 18; 19; 27; 30; 31; 32; 38; 39
Mugilidae	5; 7; 8; 17; 24; 27; 32; 38; 39
Mullidae	19; 25; 27; 39
Muraenesocidae	27
Nemipteridae	25
Notopteridae	5
Ophidiidae	39
Oplegnathidae	27; 32
Orectolobidae	25
Osmeridae	4; 17; 29; 39

<b>SCHEDULE 3: FISH FAMILIES AND THEIR DISEASE SUSCEPTIBILITIES</b>	
<b>Fish Family</b>	<b>Risk Organisms</b> (For risk organism names see the Risk Organism Key table at the beginning of Schedule 3)
<b>Osphronemidae</b>	5; 8
<b>Pangasiidae</b>	12; 23
<b>Paralichthyidae</b>	8; 16; 17; 19; 25; 27; 32; 38; 39
<b>Percichthyidae</b>	5; 9; 12; 15; 19; 27; 32
<b>Percidae</b>	2; 4; 6; 7; 9; 12; 19; 21; 25; 27; 37; 39; 40
<b>Percithyidae</b>	19
<b>Percopsidae</b>	39
<b>Pimelodidae</b>	25
<b>Platycephalidae</b>	5; 27; 33
<b>Plecoglossidae</b>	5; 16; 19; 22; 26; 31; 33; 35
<b>Pleuronectidae</b>	2; 3; 8; 13; 16; 17; 19; 22; 24; 25; 27; 32; 34; 39
<b>Plotosidae</b>	9; 27; 31
<b>Polynemidae</b>	25; 29
<b>Polyodontidae</b>	19
<b>Polyprionidae</b>	23
<b>Pomatomidae</b>	5
<b>Priacanthidae</b>	27
<b>Psettodidae</b>	5
<b>Rachycentridae</b>	27; 32
<b>Rhinobatidae</b>	25
<b>Scaridae</b>	23; 38
<b>Scatopagidae</b>	5
<b>Schilbeidae</b>	5
<b>Scianidae</b>	5; 13; 19; 25; 27; 30; 32; 38; 39
<b>Scombridae</b>	13; 17; 25; 32; 39
<b>Scophthalmidae</b>	2; 3; 8; 13; 18; 19; 24; 25; 27; 29; 31; 34; 39; 40
<b>Scorpaenidae</b>	39
<b>Sebastidae</b>	16; 17; 23; 27; 32; 39
<b>Serranidae</b>	7; 8; 15; 23; 25; 27; 30; 31; 32; 38; 39
<b>Serrasalmidae</b>	7; 12
<b>Siganidae</b>	27; 38
<b>Sillaginidae</b>	5; 25; 27; 39
<b>Siluridae</b>	4; 5; 7; 8; 9; 21; 25; 27; 37
<b>Soleidae</b>	5; 7; 19; 22; 27; 39; 40
<b>Sparidae</b>	2; 3; 5; 6; 7; 8; 16; 17; 18; 19; 23; 25; 27; 31; 32; 38; 39
<b>Sphyraenidae</b>	19; 25
<b>Sphyrnidae</b>	25
<b>Stichaeidae</b>	16
<b>Stromateidae</b>	39
<b>Synbranchidae</b>	5
<b>Synotidae</b>	38
<b>Terapontidae</b>	2; 5; 9; 27

<b>SCHEDULE 3: FISH FAMILIES AND THEIR DISEASE SUSCEPTIBILITIES</b>	
<b>Fish Family</b>	<b>Risk Organisms</b> (For risk organism names see the Risk Organism Key table at the beginning of Schedule 3)
<b>Tetraodontidae</b>	25; 27; 30; 32
<b>Trichiuridae</b>	17; 39
<b>Triglidae</b>	19; 27
<b>Uranoscopidae</b>	39
<b>Zeidae</b>	27
<b>Zoarcidae</b>	2; 27

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## Schedule 4 – Fish families relevant to clause 2.2.3(1)(a)

Fish belonging to the families listed in this schedule can be imported in whole form, provided they meet the requirements in clause 2.2.3(1)(a) of this IHS.

### Fish Families

- a) Apogonidae
- b) Centropomidae
- c) Characidae
- d) Cottidae
- e) Gasterosteidae
- f) Helostomatidae
- g) Liparidae
- h) Poeciliidae
- i) Umbridae

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## Schedule 5 – Fish species relevant to clause 2.2.3(1)(b)

Fish species listed in this schedule can be imported in whole form, provided they meet the requirements in clause 2.2.3(1)(b) of this IHS. This clause requires the fish to be frozen to a minimum core temperature of - 18°C for a period of not less than 168 hours.

### Fish species

- a) *Cololabis saira*
- b) *Engraulis ringens*
- c) *Hemiramphus balao*
- d) *Hemiramphus brasiliensis*
- e) *Hemiramphus dussumieri*
- f) *Hemiramphus lutkei*

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## Schedule 6 – Fish species relevant to clause 2.2.3(1)(c)

Fish species listed in this schedule can be imported in whole form, provided they meet requirements in clause 2.2.3(1)(c) of this IHS. This clause requires the fish to be frozen to a minimum core temperature of -18°C for a period of not less than four months.

### Fish species

- a) *Auxis rochei*
- b) *Auxis thazard*
- c) *Euthynnus alletteratus*
- d) *Katsuwonus pelamis*
- e) *Sarda chilensis*
- f) *Sarda lineolata*
- g) *Sarda sarda*
- h) *Thunnus obesus*

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## Schedule 7 – Fish families relevant to clause 2.2.5.1(1)(b)

Skin-off fillets derived from fish belonging to the families listed in this schedule can be imported as per clause 2.2.5.1(1)(b) of this IHS.

Fish families		
1. Acanthuridae	45. Fundulidae	89. Percopsidae
2. Achiridae	46. Gadidae	90. Pimelodidae
3. Acipenseridae	47. Galaxiidae	91. Platycephalidae
4. Acropomatidae	48. Gasterosteidae	92. Plecoglossidae
5. Alestidae	49. Gempylidae	93. Pleuronectidae
6. Ambassidae	50. Gerreidae	94. Plotosidae
7. Amiidae	51. Glaucostegidae	95. Poeciliidae
8. Ammodytidae	52. Haemulidae	96. Polynemidae
9. Anabantidae	53. Haplogenyidae	97. Polyodontidae
10. Anarhichadidae	54. Helostomatidae	98. Polyprionidae
11. Anoplopomatidae	55. Hexagrammidae	99. Pomatomidae
12. Apogonidae	56. Ictaluridae	100. Priacanthidae
13. Argentinidae	57. Kurtidae	101. Psettodidae
14. Ariidae	58. Kyphosidae	102. Rachycentridae
15. Atherinidae	59. Labridae	103. Rhinobatidae
16. Aulorhynchidae	60. Lateolabracidae	104. Scaridae
17. Bagridae	61. Latidae	105. Scatopagidae
18. Batrachoididae	62. Latridae	106. Schilbeidae
19. Belonidae	63. Leiognathidae	107. Scianidae
20. Berycidae	64. Lepisosteidae	108. Scombridae
21. Bothidae	65. Lethrinidae	109. Scopthalmidae
22. Carangidae	66. Liparidae	110. Scorpaenidae
23. Carcharhinidae	67. Lopiidae	111. Sebastidae
24. Catostomidae	68. Lotidae	112. Serranidae
25. Centropomidae	69. Lutjanidae	113. Serrasalminidae
26. Chaetodontidae	70. Macrouridae	114. Siganidae
27. Chanidae	71. Malacanthidae	115. Sillaginidae
28. Channidae	72. Mastacembelidae	116. Soleidae
29. Characidae	73. Merluccidae	117. Sphyrnaeidae
30. Chirocentridae	74. Monacanthidae	118. Sphyrnidae
31. Clariidae	75. Moronidae	119. Stichaeidae
32. Cobitidae	76. Mugilidae	120. Stromateidae
33. Congridae	77. Mullidae	121. Synbranchidae
34. Coryphaenidae	78. Muraenesocidae	122. Synotidae
35. Cottidae	79. Nemipteridae	123. Terapontidae
36. Cyclopteridae	80. Notoptoridae	124. Tetraodontidae
37. Cynoglossidae	81. Ophidiidae	125. Trichiuridae
38. Cyprinodontidae	82. Oplegnathidae	126. Trigilidae
39. Dasyatidae	83. Orectolobidae	127. Umbridae
40. Distichodontidae	84. Osphronemidae	128. Uranoscopidae
41. Eleotridae	85. Pangasiidae	129. Zeidae
42. Embiotocidae	86. Paralichthyidae	130. Zoarcidae
43. Engraulidae	87. Percichthyidae	
44. Exocoetidae	88. Percithyidae	

## Schedule 8 – Crustacean species relevant to clauses 2.3.1(1)(b)(i) and 2.3.2.1(1)

Crustaceans listed in this schedule are susceptible to the risk organism *Aphanomyces astaci*. Products derived from these crustaceans can be imported provided they meet the requirements in either clause 2.3.1(1)(b)(i) or clause 2.3.2.1(1) of this IHS.

Under clause 2.3.1(1)(b)(i), products derived from crustacean species listed in this schedule may be imported from countries recognised by MPI as being free from *A. astaci*. The exporting country must be recognised under clause 1.5 of this IHS. Each consignment must be accompanied by the negotiated health certificate.

Under clause 2.3.2.1(1), products derived from crustacean species listed in this schedule may be imported from any country, provided each consignment is accompanied by a health certificate attesting the product has been heat treated to one of the following temperature/time parameters:

- a) Heat treated to a minimum core temperature of 100°C for a period of not less than one minute; or
- b) Heat treated to a minimum core temperature of 90°C for a period of not less than 10 minutes.

### Crayfish families (all species from within these families)

- a) *Astacidae*
- b) *Cambaridae*
- c) *Parastacidae*

### Other crustacean species

- a) *Eriocheir sinensis* (Chinese mitten crab)
- b) *Macrobrachium dayanum*
- c) *Potamon potamios*

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## Schedule 9 – Processing requirements at the transitional facility

- (1) This schedule applies to consignments of aquatic animal products imported to New Zealand that have been authorised to be moved for further processing at the transitional facility listed on the import permit.
  - a) Headed, gilled, and gutted salmonid fish imported under clause 2.1(1)(c) of this IHS.
  - b) Non-salmonid fish imported under clause 2.2.4 of this IHS.
- (2) Following biosecurity authorisation being given under section 25 of the Act, the above aquatic animal products will proceed from the border directly to the transitional facility named on the import permit. The transitional facility must have approval under one of the following facility standards.
  - a) For holding and processing: Facility Standard: Transitional Facilities for Animal Products, MPI-STD-ANIPRODS
  - b) For holding only: Facility Standard: Standard for Transitional Facilities for General Uncleared Risk Goods, TFGEN
- (3) While at the transitional facility, and prior to processing, imported aquatic animal products must be clearly marked, stored, and handled in accordance with the MPI Facility Standard: Transitional Facilities for Animal Products (MPI-STD-ANIPRODS).
- (4) While at the transitional facility approved to MPI Facility Standard: Transitional Facilities for Animal Products (MPI-STD-ANIPRODS), the facility operator must ensure that the aquatic animal products are processed as below to be eligible for clearance.
  - a) Headed, gilled, and gutted salmonid fish imported under clause 2.1(1)(c) must be processed to the level described in clause 2.1(1)(b)(ii) of this IHS, which is fillets or steaks or any product derived from further processing of fillets and steaks (clause 2.1(1)(b)(iii)).
  - b) Non-salmonid fish imported under clause 2.2.4 must be processed to one of the categories listed under clause 2.2.5 (Specified non-salmonid fish products from any country) of this IHS.
- (5) The facility operator must ensure that all trimmings and solid waste associated with aquatic animal products are treated, destroyed or disposed of by one of the following methods at a transitional facility.
  - a) Heat treating at a minimum core temperature of 100°C for a period of not less than 30 minutes; or
  - b) Rendering; or
  - c) Incineration; or
  - d) Deep burial; or
  - e) Any other method approved by a CTO.
- (6) The facility operator must ensure that all packaging that has been in contact with the aquatic animal products is destroyed or disposed of at a transitional facility.
- (7) The facility operator must ensure that all effluent generated during processing is:
  - a) Discharged into a municipal sewage system; or
  - b) Discharged into a securely fenced and isolated soak-pit.