

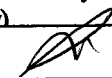
# QUARTERLY AQUATIC ANIMAL DISEASE REPORT

Country: Hong Kong SAR

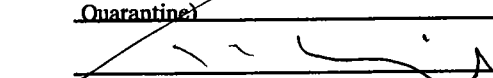
Period: July - September 2007

| Item  | Disease status <sup>1/</sup> |        |           | Level of diagnosis | Epidemiological comment numbers |
|---|------------------------------|--------|-----------|--------------------|---------------------------------|
|   | Month                        |        |           |                    |                                 |
|   | July                         | August | September |                    |                                 |
| <b>DISEASES PREVALENT IN THE REGION</b>                             |                              |        |           |                    |                                 |
| <b>FINFISH DISEASES</b>   |                              |        |           |                    |                                 |
| <b>OIE-listed diseases</b>  |                              |        |           |                    |                                 |
| 1. Epizootic haematopoietic necrosis                                | 0000                         | 0000   | 0000      | II                 |                                 |
| 2. Infectious haematopoietic necrosis                               | 0000                         | 0000   | 0000      | III                |                                 |
| 3. Spring viraemia of carp  | 0000                         | 0000   | 0000      | III                |                                 |
| 4. Viral haemorrhagic septicaemia                                   | 0000                         | 0000   | 0000      | III                |                                 |
| 5. Infectious pancreatic necrosis                                   | 0000                         | 0000   | 0000      | III                |                                 |
| 6. Epizootic ulcerative syndrome (EUS)                              | 0000                         | 0000   | 0000      | II                 |                                 |
| 7. Bacterial kidney disease   | 0000                         | 0000   | 0000      | II                 |                                 |
| 8. Red seabream iridoviral disease                                  | -                            | -      | -         | III                |                                 |
| <b>Non OIE-listed diseases relevant to the region</b>               |                              |        |           |                    |                                 |
| 9. Infection with koi herpesvirus                                   | -                            | -      | -         | III                |                                 |
| 10. Viral encephalopathy and retinopathy                            | -                            | +      | -         | III                | 1                               |
| 11. Enteric septicaemia of catfish                                  | 0000                         | 0000   | 0000      | III                |                                 |
| 12. Epitheliocystis   | (2002)                       |        |           |                    |                                 |
| 13. Grouper iridoviral disease                                      | -                            | -      | -         | III                |                                 |
| <b>MOLLUSC DISEASES</b>   |                              |        |           |                    |                                 |
| <b>OIE-listed diseases</b>  |                              |        |           |                    |                                 |
| 1. Infection with <i>Bonamia exitiosa</i>                           | 0000                         | 0000   | 0000      | II                 |                                 |
| 2. Infection with <i>Perkinsus olseni</i>                           | 0000                         | 0000   | 0000      | II                 |                                 |
| <b>Non OIE-listed diseases relevant to the region</b>               |                              |        |           |                    |                                 |
| 3. Infection with <i>Marteilia sydneyi</i>                          | 0000                         | 0000   | 0000      | II                 |                                 |
| 4. Infection with <i>Marteilioides chungmuensis</i>                 | 0000                         | 0000   | 0000      | II                 |                                 |
| <b>CRUSTACEAN DISEASES</b>  |                              |        |           |                    |                                 |
| <b>OIE-listed diseases</b>  |                              |        |           |                    |                                 |
| 1. Taura syndrome   | 0000                         | 0000   | 0000      | III                |                                 |
| 2. White spot disease   | -                            | +      | -         | III                | 2                               |
| 3. Yellowhead disease (YH virus, gill-associated virus)             | 0000                         | 0000   | 0000      | III                |                                 |
| 4. Spherical baculovirus ( <i>Penaes monodon</i> -type baculovirus) | 0000                         | 0000   | 0000      | II                 |                                 |
| 5. Infectious hypodermal and haematopoietic necrosis                | 0000                         | 0000   | 0000      | II                 |                                 |
| 6. Tetrahedral baculovirus ( <i>Baculovirus penaei</i> )            | 0000                         | 0000   | 0000      | II                 |                                 |
| <b>Non OIE-listed diseases relevant to the region</b>               |                              |        |           |                    |                                 |
| 7. Necrotising hepatopancreatitis                                   | 0000                         | 0000   | 0000      | II                 |                                 |
| 8. Baculoviral midgut gland necrosis                                | 0000                         | 0000   | 0000      | II                 |                                 |
| 9. White tail disease (MrNV and XSV)                                | 0000                         | 0000   | 0000      | II                 |                                 |
| <b>UNKNOWN DISEASES OF A SERIOUS NATURE</b>                         |                              |        |           |                    |                                 |
| 1. Akoya oyster disease   | 0000                         | 0000   | 0000      | II                 |                                 |
| 2. Abalone viral mortality  | 0000                         | 0000   | 0000      | II                 |                                 |
| <b>ANY OTHER DISEASES OF IMPORTANCE</b>                             |                              |        |           |                    |                                 |
| 1.  |                              |        |           |                    |                                 |
| 2.  |                              |        |           |                    |                                 |

**Prepared by:**

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 Signature:   
 Date: 7 Jan, 2008

**Endorsed by (OIE Delegate):**

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 Position: Assistant Director (Inspection and Quarantine)  
 Signature:   
 Date: 7 Jan, 2008

**DISEASES PRESUMED EXOTIC TO THE REGION<sup>b</sup>  
LISTED BY THE OIE**

**Finfish:** Infectious salmon anaemia; Gyrodactylosis (*Gyrodactylus salaris*).

**Molluscs:** Infection with *Bonamia ostreae*; *Marteilia refringens*; *Mikrocytos mackini*; *Perkinsus marinus*; *Xenohaliotis californiensis*;

**Crustaceans:** Crayfish plague (*Aphanomyces astaci*);

**NOT LISTED BY THE OIE, BUT OF POTENTIAL RELEVANCE**

**Finfish:** Channel catfish virus disease; Piscirickettsiosis.

**Crustaceans:** Infectious myonecrosis.

a/ Please use the following symbols:

|    |   |        |  |
|----|---|--------|--|
| +  | Disease reported or known to be present   | +()    | Occurrence limited to certain zones          |
| +? | Serological evidence and/or isolation of causative agent but no clinical diseases | ***    | No information available                     |
| ?  | Suspected by reporting officer but presence not confirmed                         | 0000   | Never reported                               |
|    |   | -      | Not reported (but disease is known to occur) |
|    |   | (year) | Year of last occurrence                      |

b/ If there is suspicion or confirmation of any of these diseases, they must be reported immediately, because the region is considered free of these diseases

**1. Epidemiological comments:**

(Comments should include: 1) Origin of the disease or pathogen (history of the disease); 2) Species affected; 3) Disease characteristics (unusual clinical signs or lesions); 4) Pathogen (isolated/sero-typed); 5) Mortality rate (high/low; decreasing/increasing); 6) Death toll (economic loss, etc); 7) Size of infected areas or names of infected areas; 8) Preventive/control measures taken; 9) Samples sent to national or international laboratories for confirmation (indicate the names of laboratories); 10) Published paper (articles in journals/website, etc). and 11) Unknown diseases: describe details as much as possible.)

| Comment No. |  |
|-------------|--|
| 1           | One case of disease caused by Nervous Necrosis Virus was seen during the reporting period in a batch of 14-days old Gant Grouper, morbidity rate was about 50% with very low mortality rate (1%).  |
| 2           | White Spot Syndrome Virus was detected by PCR during routine surveillance testing of ornamental Crabs and Red Lobsters, but these animals were clinically healthy with no gross pathology lesions. |
| 3           |  |
| 4           |  |
| 5           |  |

**2. New aquatic animal health regulations introduced within past six months (with effective date):**

Nil.