

WORK PROGRAMME FOR THE COMMUNITY REFERENCE LABORATORY FOR FISH DISEASE, 2007

I. LEGAL FUNCTIONS AND DUTIES

The functions and duties of the Reference Laboratory are described in the Council Directive 93/53/EEC, and are mainly concerned with fish diseases of list I and II in Council Directive 91/67/EEC.

II. OBJECTIVES FOR THE PERIOD JANUARY - DECEMBER 2007

1. Organise and prepare for the Annual Meeting for the National Reference Laboratories for Fish Diseases in 2007, planned for the 4th-7th June 2007 at the Institute in Copenhagen
2. Produce a report from the Annual Meeting 2007.
3. Collect data on the fish disease situation in EU, including the new listed diseases in the new Fish Directive: ISA, SVC and KHV
4. Identify and characterise selected isolates of listed viruses (serological and genetic characterisation)
5. Production of antisera against selected isolates if necessary
6. Optimization and standardisation of RT-PCR and real-time PCR for the diagnosis and identification of VHS.
7. Update and maintain a library of Infectious salmon anaemia (ISA), Viral Haemorrhagic Septicaemia (VHS) and Infectious Haematopoietic Necrosis (IHN) virus isolates (including the sequences and GIS data of selected isolates) and entering this information into a database.
8. Cooperate with existing projects concerning databases on viral genomes in order to obtain a functional and accesible system for molecular epidemiological tracing.
9. Maintain and update the webpage for the CRL.
10. Supply standard antisera and other reference reagents to the National Reference Laboratories in Member States.
11. Prepare the Annual Inter-laboratory Proficiency Test year 2007 for the National

Reference Laboratories.

12. Collate and analyse information gained from the Inter-laboratory Proficiency Test
13. Facilitate and provide training in laboratory diagnosis.
14. Attending international meetings and conferences.