

# **TRIP REPORT**

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**William Koski (LGL Environmental Services)**  
**Technical Visit**

Laboratory of Biology of Fresh Water Fish Culture, Federal  
University of Santa Catarina, Brazil, March 11<sup>th</sup> – 15<sup>th</sup>, 2004



**LABORATÓRIO DE BIOLOGIA E CULTIVO DE PEIXES DE ÁGUA DOCE**  
**UNIVERSIDADE FEDERAL DE SANTA CATARINA**  
**CENTRO DE CIÊNCIAS AGRÁRIAS**  
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Karl English,  
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And

Joachim Carolsfeld,  
Research Director,  
World Fisheries Trust,  
Victoria, B.C., Canada

Florianópolis, April 16, 2004.

Dear Sirs:

In the period of the 11<sup>th</sup> to 15<sup>th</sup> of March, 2004, the Canadian company LGL Limited, was hired to provide technical assistance to the Laboratório de Biologia e Cultivo de Peixes de Água Doce/ Universidade Federal de Santa Catarina (Laboratory of Biology and Fresh Water Fish Culture - Federal University of Santa Catarina) for a *Fish Biotelemetry Project* that is being developed in the Uruguay River, Brazil. LGL was indicated as an appropriate service provider by the World Fisheries Trust, as part of the CIDA-funded Project *Peixes, Pessoas e Água*. This project also helped in the activity with a portion of the airfares.

The main objective of the service was to improve the overall design of the study and field set-up and the efficiency of data acquisition.

The assistance was provided by Mr. William Koski, who visited three fixed stations located in the upper portion of the Uruguay River.

In these places several activities were carried out: substitution of defective cables, redirection and change of antennas, receiver configuration and tests with the transmitters in the water. In addition, technical and theoretical subjects were discussed with Mr. Koski in each one of the places, and specific improved configurations were implemented for each situation.

The assistance provided was very positive, with a great deal of good interaction amongst participants. In addition to meeting the stated objectives, the work provided us with a much better theoretical and practical understanding of biotelemetry, increasing our capacity to solve future problems more effectively ourselves.

Alex Pires de Oliveira Nuñez  
Fish Biotelemetry Project Coordinator