

BACK-TO-OFFICE-REPORT  
(VS 4849)

Pollution Control and other measures to Protect Biodiversity in Lake Tanganyika (RAF/92/G32). Special Studies: 'Pollution of International Waters', 'Sediment Discharge and Its Consequences' and Related biodiversity studies

Draft back to office report for visit by G. Patterson to Brussels - Natural Resources Institute (NRI)

13 Sept 1997

Project code - C0767

Separate copies

A. Menz (PCU)  
K. West (PCU and Kigoma office)  
NRI Internal list  
T. Bailey -Watts (IFE)  
I. Payne (MRAG)  
V. Cowan (MRAG)  
R. Duck (Univ Dundee)  
A. Cohen (Univ Arizona)  
C. Foxall (UEA)  
E.Allison (UEA)  
K. Irvine (Trinity, Dublin)

## 1. BACKGROUND

A) To consult Peter Coveliers (consultant) and Leo Goeyens (Vrije Universiteit Brussel). Discussion was about the formulation of a workplan for 'impact of sediments on the limnology of lake Tanganyika (with special emphasis on nutrient dynamics)'.  
B) to meet with members of the Belgian Government Project performing ENSO work with whom we are intending to share part of their cruise scheduled for October 1997 (See GP's BTOR of 26/4/97).

C) to meet with Eric Verheyen of the Royal Museum of Belgium concerning the work proposed by SIAL to complete their lakewide survey by sampling the Congolese coastline.

D) Maps. Maps collected from the African Museum at Tervuren

## 2. SUMMARY OF VISIT

## Part A

A provisional workplan and costings had been prepared by PC and LG and this was discussed at the meeting.

It was agreed that:

- 1) To proceed towards a more clearer workplan LG and PC would first mount a mission to the region in Nov 1997 (6 person weeks) with the broad terms of reference to make closer contacts with national institutions who may be co-operating in this work and to identify possible collaborative staff. This would also involve an assessment of field sites and laboratory facilities.
- 2) This would aim to agree a contract and commence field work by Jan 1 1998 which would continue until early 1999.
- 3) That all parties search for appropriate CVs with a view to appointing a national from one of the riparian countries to act as a research assistant at the Vrije Universiteit Brussel (it was felt appropriate that this person should be French-speaking) during 1998 - the cost implications of this person for their work at the Vrije Universiteit should be known.
- 4) GP to send to LG the appropriate workplans of the project to assist with the development of the workplan on the impact of sediments on limnology.
- 5) That LG explore the options of having visiting staff from the region for short periods at the Vrije Universiteit Brussel.
- 6) GP to send the CV of LG to UNDP for approval as a consultant.

## Part B

GP met with Plisnier, Cocquyt and Francus. They are still aiming to use the Explorer for a 23 day period of 1-23 October and Lake Tang GEF to be principally involved in the first three days of this work. (We will meet a total of 3/23 fraction of the boat hire and running cost).

It was agreed that Dirk Vershuren's airfare to Kigoma be paid by the Tanganyika GEF - all other of his costs to be met by the ENSO project. DV is an experienced operator of heavy coring gear and will be asked to test and make functional the coring kit (and CTD) of the Lake Tang project for operation during this three day cruise period,

They requested that a freezer be made available on The Explorer for the cruise period if possible. See Action point 3.4 for KW below.

IF the cruise does begin on 1 Sept it may be able to incorporate a short cruise for the participation of the trainees at the training course. These dates remain, however, provisional.

## Part C

Meeting with Verheyen. We discussed the survey work to be carried out in Republic of Congo. Provisionally the most convenient time for them would be during April- May 1997. He felt that the Explorer would not be the most appropriate craft to do this work. The preferred would be a couple of smaller craft possibly out of Mpulungu or even Kalemie.

This raised the point as to whether we could use funds allocated for Explorer hire to hire other ships. Since the FAO lease on the Explorer expires on 26 April 1997 the general issue as to whether the money allocated for Explorer hire can be transferred to direct hire from the owner (Hajeandrou) or for other vessels needs to be agreed with the client (UNDP).

EV agreed to summarise the needs for this piece of work and to contact KW to begin to explore options for boatage.

## Part D

A complete set of 1:25,000 US defence maps of the lake Tanganyika coastline have been obtained in Dyline copy (of mediocre quality). Only one set procured with difficulty (8 maps). These maps are full topographic maps and based on the Zaire Ministry of Mines and Energy maps dating from 1985.

Will pass to ESD for copying if this is possible. Can send details of map coverage to anyone who begs me!

## 3. PRINCIPAL ACTION POINTS

3.1 Tim Bostock to contact clients regarding boat hire.

3.2 GP to send to LG the appropriate workplans of the project to assist with the development of the workplan on the impact of sediments on limnology.

3.3 GP to send the CV of LG to UNDP ASAP for approval as a consultant (Ha!).

3.4 KW to make available project freezer for use on the Explorer during Oct 1997(or tell GP if this is not possible)

3.5 CO'R, KW, SA (Simone) and GP to note possible cruise slot in Early Oct. This date remains provisional. C.O'R to identify 2 local counterparts to be present on ship for these three days (Chita for one?)

G. Patterson  
14 August 1997