

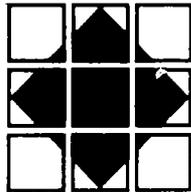
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1986-48267

REPUBLIC OF ZAIRE  
DEPARTMENT OF AGRICULTURE  
STUDIES AND PLANNING SERVICE

**QUARTERLY REPORT**  
**NO. XX**  
**APRIL-JUNE 1986**

USAID/ZAIRE AGRICULTURAL SECTOR  
STUDIES PROJECT (660-0070)

CONTRACT NO. AFR-0070-C-00-5003-00



## THE PRAGMA CORPORATION

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THE PRAGMA CORPORATION

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## I. INTRODUCTION

This quarterly report covers the twentieth quarter of activities of the Pragma Team, which provides technical assistance to the Studies and Planning Service (Service d'Etudes et Planification, or SEP) of the Zairian Department of Agriculture and Rural Development under USAID/ZAIRE Project 660-0070. The report covers the second quarter of 1986.

There are four substantive sections to this report. The following section provides an overview of the major events of the quarter, while Section III reviews progress toward project objectives. Following a section on the major problems and constraints encountered, the report concludes with the individual reports of Pragma Team members.

The Pragma Corporation

## II. MAJOR ACTIVITIES OF THE QUARTER

There were important accomplishments during the second quarter of 1986 in each of the major areas of emphasis of the Zaire Agricultural Sector Studies Project (Project 070): on-the-job training, principally via research and reporting studies on the Zairian agricultural sector; participant training; primary data collection; and computerized data processing.

Field work in support of project reports was carried out by Dr. Chan and Cit. Ruhimbasa of the Agricultural Planning Bureau and by Cits. Budiadia, Kassenga, and Afifi of the Economic Analysis Bureau. The Planning Bureau mission was to Bas-Zaire, to gather data to finalize the Bas-Zaire regional study. The Economic Analysis Bureau conducted one mission to Shaba (Cit. Budiadia) and another to Haut-Zaire (Cits. Kassenga and Afifi); the former to gather data for an updated (second edition) maize report and the latter to gather data for the second edition rice report.

Good progress continued to be made on a number of project reports. The Synthesis of the Current Situation of Zairian Agriculture report and the Bas-Zaire regional study were finalized and sent to the Fragma Home Office for publication. Under Mr. Conde's supervision, corrections have been made to the full Current Situation of Zairian Agriculture report based on the comments of Director Mubenga. These corrections still need to be made to the typed text to finalize the report for publication. Several reports are with Director Mubenga, awaiting his comments and approval for publication: these include the cocoa, cotton, and Peruvian bark reports, as well as the Kasai Oriental regional study. The manioc report is being typed for submission to the Director, and the Preliminary Report on the Southern Band Survey (giving tabular results from the first round of the survey) is also awaiting his comments and approval.

In addition to on-the-job training via research and writing of project reports, the past quarter also witnessed formal on-the-job training in the form of two technical courses given by Fragma team members. During the month of June, Mr. Gray gave a two-week micro-computer course for 15 technicians at the Division of Strategy and Planning (DSP) and Dr. Shapiro gave a four-week Introductory Microeconomics course to 14 project technicians. Mr. Gray also provided training sessions in dBase, Supercalc, and Statpak to members of the Computer Bureau (Bureau Informatique).

Participant training was an important focus of project activities last quarter. Cits. Nseye and Kalamba continue to make good progress on their Master's thesis work, the former having completed a first draft of his thesis (following an additional data-collection mission in Bandundu) and the latter having drafted the first five chapters of his thesis. The other two returned participants under Dr. Yeboah's supervision, Cits. Lukusa and Tonyemba, only returned to work (following vacation) at the end of the quarter.

The next participant training group was also selected during the quarter, based on the criteria (two years experience at SEP, good performance on a written English test and on an oral interview, plus successful completion of the Introductory Microeconomics course) identified in a revised "Notes on Participant Training," which was prepared by Dr. Shapiro. In addition, Mrs. Shapiro was hired again to teach the intensive English course for the group, the course to last from July through October. It should be noted that Mr. Jim Gulley, former USDA academic advisor to our participants in the U.S., commented that last year's group of participants (trained by Mrs. Shapiro) was the best-prepared of any group that he had seen from Zaire.

Two additional items in the area of participant training are also noteworthy: In May, Mr. Gulley completed the field work in Zaire for his study evaluating the training that had been undertaken under Project 052. In June, Cit. Singa, Chief of the Division of Strategy and Planning, traveled to the U.S. to attend a two-month Francophone Seminar on Economic Development at the University of Michigan. Following the seminar he will go to the Economics Institute at the University of Colorado and begin preparations for pursuing a Master's degree in Agricultural Economics.

Primary data collection activities last quarter were principally focused around the Southern Band Survey (SBS). The month of April was devoted to extensive preparations for the second round of the survey. These preparations included creation of 7 working groups to address specific methodological and conceptual issues pertinent to round 2 of the survey, development of the questionnaire and an instructor's manual, and three days of interviewer training for the 20 DSP and DSA (Statistics Division) technicians chosen to carry out the survey (all of the chosen interviewers had participated in the Kasangulu seminar on agricultural surveys in March).

The survey itself was carried out during the month of May. Teams of four interviewers each went to the five regions included in the Southern Band. Dr. Shapiro accompanied the Kasai Oriental team and spent 10 days in the field, while Mr. Gold again traveled to Shaba and remained there for the duration of the survey. The work went well, in general, and was completed as planned prior to the end of the

month. Processing of the data began in June with verification and control of the round two questionnaires.

A related development in the area of primary data collection was the hiring of Prof. Kalonji Ntalaja as a short-term consultant to prepare a handbook on agricultural data collection in Zaire. Work on the handbook began late in the quarter, and will carry well into the next quarter.

Computerized data processing continued throughout the quarter, focused principally on entry and analyses of the SBS round 1 data, continued processing of DMPCC retail and wholesale price data, and work on the Agricultural Statistics Data Bank. This latter activity included adding export data and new product codes, and extensive work by Mr. Gray rewriting Data Bank programs in order to work more efficiently and with the new product codes. In addition, the Bureau Informatique began routinely submitting to Director Mubenga monthly reports on exports of agricultural products.

During the past quarter USAID/Kinshasa decided to extend the Pragma contract for an additional six months, through March 1987. This contract extension will permit completion of pending project reports and will assure continuity of technical assistance at SEP (leading into Project 119). The extension was agreed to following preliminary budget work in Washington by Dr. Shapiro during his consultation visit in May, and then extensive budget work by Pragma's Financial Director Nga-Ambun Kabwasa in Kinshasa in late May and early June. Under the terms of the extension all positions except that of Chief of Party will be continued through next March, and Mr. Conde will take over the administrative and liaison responsibilities of Chief of Party.

There were a few additional activities last quarter that are worth mentioning. An audit of the project was conducted in April (as recommended in last year's evaluation). The auditor's lengthy report was completed in draft during the latter half of the quarter. The report is generally favorable, and makes an extensive number of procedural recommendations. We plan to study and respond to those recommendations during the first half of next quarter.

Also of note is an agreement between SEP and the Foreign Agriculture Service (FAS) of USDA, represented by Mr. James Benson, U.S. Agricultural Attache at Abidjan. This agreement calls for SEP to provide overview commodity reports to USDA/FAS on a periodic basis, in return for which SEP will be compensated for each report. Two such reports were done last quarter by Cit. Massensa of the Economic Analysis Bureau, dealing with sugar and coffee. This agreement is a landmark of sorts: it represents the first time (apart from unit sales of project technical reports and studies that SEP has been able to generate revenue from the sale of the product of the services of its technicians. As such, the agreement bears witness to the progress made by SEP under Project 070.

Last but not least is personnel turnover. Cit. Afifi, former Bureau Chief from the Economic Analysis Bureau, returned to SEP early in the quarter following a stint working at OZACAF. Ms. Griego, the project's part-time administrative assistant, left the project at the end of May. She was replaced in June by Ms. Beverly Duke. Mr. Gray will be leaving early in July, and we have been fortunate enough to find a replacement for him (for at least the next two months) here in Kinshasa in the form of Mr. John Barton. In addition, due both to illness and impending retirement of our current project translator, Ms. Rachel Voegt was hired to begin on July 1 as a new (part-time) project translator.

### III. PROGRESS TOWARD ACHIEVING PROJECT OBJECTIVES

As always, the project's ongoing work (e.g., on the regional studies and commodity reports, on the data bank) represents continued progress toward achieving several project objectives. In considering progress toward achievement of specific end-of-project status (EOPS) indicators from the original Project 070 Project Paper, the following should be noted:

- Mr. Gray's work on rewriting programs for the Data Bank represents progress toward "improved data processing programs."

- The extensive collaborative work between DSF and DSA technicians that took place throughout the month of April in preparation for the second round of the Southern Band Survey constitutes a major step toward "improved operational linkages between DSA and the rest of SEP." The data processing work for first-round SBS data also serves to link the two divisions, since DSF technicians who gathered the data are often called on to clarify questions that arise in the processing of the data.

- The second-round SBS data collection that took place during the month of May represents "collection of agricultural statistics that accurately reflect the performance of the agricultural sector," and this is the first time under Project 070 that such data collection has taken place covering a major portion of Zaire. While we cannot claim that collection of reliable statistics is "institutionalized," we do believe that the SBS can be used as a model for data collection in the future.

#### IV. MAJOR PROBLEMS AND CONSTRAINTS ENCOUNTERED AND PROPOSED SOLUTIONS

In comparison with the (sometimes difficult) early years of Project 070, it is fair to say that we have not recently encountered any major problems or constraints. There are, nonetheless, a number of minor problems that can be mentioned here.

We have a backlog of reports building up and awaiting Director Mubenga's comments and approval. He, in turn, is so overloaded with other (i.e., non-Project 070) work that it is difficult for him to get the reading done in a timely manner. To address this problem we established last quarter a reading program and calendar for the Director, and so far he has managed to stay reasonably close to schedule.

The heavy participation of Economic Analysis Bureau technicians in the SBS has limited somewhat the bureau's other activities (although despite this, the bureau's output has been considerable). Now that SBS data collection activities have ended, the Economic Analysis Bureau should no longer be held back by this constraint.

The future of the Southern Band Study constitutes a question mark, since Dr. Shapiro--the initiator and coordinator of the study--will be leaving Zaire mid-way through the next quarter. In order to insure that a second report will be done, Dr. Shapiro plans to propose an outline for the report, delegation of responsibility for specific report chapters to different bureaus, and designation of Mr. Gold as coordinator for preparation and production of the report. In order for the report to be completed, Mr. Gold will need the full and sustained support of both Director Mubenga and Mr. Daniel.

The Data Bank has been largely neglected by the Project, with the exception of some limited ongoing work by the Bureau Informatique and by the Bureau Depouillement. The ideal of a functioning Data Bank useful to and exploited by analysts is still far away; and stocking of considerable additional, useful, and reliable data is needed before this ideal can be realized. In this context, a strategy focusing on preparing the SBS and FAO data sets for inclusion in the bank (and, given the work that this entails, putting other Data Bank activities on the back burner) would appear to be a desirable one.

Unexpected delays were encountered in the preparation of the Kasai Occidental regional study. Perhaps assigning additional Planning Bureau technicians to the study is called for; but in any case, we expect the draft of the study to be completed next quarter.

With the return of two additional participants from the U.S., office space looms once again as a problem. Work on the new office building, which began late last year, continues. However, we have decided to make it a three-story building in order to be able to bring the Statistics Division over, and this means that the problem of insufficient office space will be with us for another few months. We believe that the long-term benefits of having DSA and DSP together in the same location will be substantial, and worth the short-term costs we are now bearing in the form of inadequate office space.

Finally, the three problems identified in the previous quarterly report--computer hardware maintenance, typing, and transportation--are all still present. During the next quarter we plan to meet with Mr. Thorez of STI in order to attempt to resolve our hardware maintenance problems. We will also attempt to improve the management of the typing pool in order to increase productivity.

Transportation problems remain, and we repeat the proposed solution offered previously: in the long run, we should explore means of assuring transportation in each of Zaire's regions. The most plausible means of doing this would appear to be via stocking a project vehicle in each regional capital. While this is very expensive, it is a necessary step if one wants to be able, on a national basis, to "institutionalize collection of agricultural statistics that accurately reflect the performance of the agricultural sector."

## V. INDIVIDUAL TEAM MEMBERS' QUARTERLY REPORTS

NAME : Chan Phuc Nguyen  
POSITION : Agricultural Planning Bureau Advisor  
PERIOD COVERED: April - June, 1986

### I. STATUS OF ACTIVITIES PLANNED FOR THE QUARTER (see section IV of previous individual quarterly report)

1. Field trip to Bas-Zaïre to gather necessary information for finalizing the Bas-Zaïre report.

Citoyen Ruhimbasa (Deputy Chief of the Agricultural Planning Bureau) and I went to Bas-Zaïre from April 1 to April 6, 1986 to collect recent statistics for updating and finalizing the Bas-Zaïre report following the recommendation of Citoyen Mubenga, Director of the Studies and Planning Service.

During this field trip, we made several contacts with the Governor of the region, local authorities, numerous private companies, traders, and farmers in four sub-regions: Lukaya, Cataractes, Boma and Mataji. The purpose of these contacts is to gather recent information, verify data and to explore the possibilities for agricultural development in the region.

Three principal areas for agricultural development in the future were recommended to the Governor. He and his staff unanimously agreed with our proposal which includes also the priority for future production of food and cash crops in the region.

2. Supervise the BFA's staff to finalize the Bas-Zaïre report.

Under my direct supervision, Citoyen Ruhimbasa completed chapters III and IV, and Citoyen Imuine contributed his effort to finalize the fish section of chapter II. I myself reviewed chapters I, II and V and edited all other chapters after they were reviewed by members of the BFA.

The reviewing and editing of the report has taken longer than I expected because the draft was done in 1982. Therefore almost all statistics had to be updated with new information found during our field trip and the interpretation also had to be revised accordingly.

The report was completed and submitted to the Chief of Party on Tuesday May 27, 1986 in order to be hand carried by Mr. Ron Daniel (Project Officer for Project 070) on the

following day to the Pragma Home Office for reproduction.

3. Assist the Agricultural Planning Bureau to finalize the first draft of the Kasai-Occidental report.

The preparation of the Kasai-Occidental report was assigned to Citoyen Kabengele and Citoyen Lohese. Unfortunately, Citoyen Kabengele was sick for several days, then preoccupied with the funeral of his mother and a mission to Shaba with a World Bank team. In the meantime, Citoyen Lohese was also preoccupied with a one-month field trip to Kivu to make a cotton study for the Caisse de Stabilisation Cotonniere. I have been busy with the editing of the Bas-Zaire report. Therefore the completion of this report has been delayed. In addition, I plan to take my vacation on June 7, 1986 which means that I don't have enough time to complete the first draft of this report. In any case, the first chapter of Kasai-Occidental was done, and the other chapters are in progress. This report should be completed in the coming months.

4. Prepare the individual quarterly report and annual report.

Both the individual quarterly report and the annual report were completed and submitted to the Chief of Party as scheduled.

5. Prepare the individual end-of-contract report.

A 15 page end-of-contract report was also completed as planned. The report was submitted to the Chief of Party on May 16, 1986.

6. Annual leave.

My family and I plan to leave post for vacation in the USA and Canada on June 7, 1986.

## II. UNPLANNED ACTIVITIES DURING THE QUARTER

- Assisted and provided counseling and technical advice to the members of the Agricultural Planning Bureau to prepare a document for the Consultative Group.

- Discussions were held with FAO experts to review the distribution of agricultural information and the improved seed program.

- Discussion was also held with a World Bank consultant to explore the possibility of agricultural development in the Shaba region.

- Exchanged personal views with Mr. James Gulley regarding the academic training program of Project 052 and

Project 070 in order to draw some conclusions for future AID training activity at the Service d'Etudes.

### III. COMMENTS AND SPECIAL PROBLEMS ENCOUNTERED

- Transportation has been irregularly provided at times. This causes a lot of difficulties in the collection of data to finalize reports. It is recommended that each bureau be given a specific vehicle for official use when it is needed.

### IV. ACTIVITIES PLANNED FOR NEXT QUARTER

- Since I plan to take vacation from June 7, 1986 to July 11, 1986, I hope I could concentrate my efforts to work on the Kasai-Occidental report during the next quarter.

- I also plan to finalize the text of the Kasai Oriental report for publication.

NAME : Georges Conde  
POSITION : Economic Analysis Bureau Advisor  
PERIOD COVERED : April - June, 1986

I. STATUS OF ACTIVITIES PLANNED FOR THE QUARTER (see section IV of previous individual quarterly report)

Among the activities planned for the quarter were:

1. Completion of the draft texts on manioc, cotton, and Peruvian bark as well as the text on the Current Situation of Zairian Agriculture.
  2. On-the-job training of Zairian professionals.
  3. The completion of specific tasks assigned by the Department of Agriculture and Rural Development.
1. Reports concerned: Manioc, Cocoa, Cotton, Peruvian bark, and the Current Situation of Zairian Agriculture.

Draft texts of the commodity reports (except for manioc) are being reviewed by the Director of SEP. The text on manioc is being typed and will soon be submitted to the Director.

The text on the Current Situation of Zairian Agriculture has been reviewed by Cit. Mubenga and revised accordingly, but it is being delayed in typing.

In addition, work on updating the maize and rice reports has started, with the missions of Cit. Eudiadia to Shaba (maize), and of Cits. Kassenga and Afifi to Haut-Zaire (rice).

Finally, the synthesis on production and marketing of food crops and cash crops was finalized for publication during this past quarter.

2. On-the-job training of Zairian professionals

This task has been carried out throughout the quarter, especially in the correction of texts which have been submitted for comments and approval to the Director and the Chief of Party. Moreover, we have supervised the work of preparation for missions (establishing a calendar of visits, questionnaires, etc.), of preparing reports on sugar and coffee for USDA, of specific tasks for the Department of Agriculture, and we have provided comments on the banana report.

### 3. Specific tasks we have provided for the Department of Agriculture

For this quarter, our attention has been drawn to the corn situation in the area of PNS in Shaba. Regional authorities are alarmed by the prices offered to producers in the sub-region (2 Z/kg), which could discourage the producers.

We should also note that several members of the Economic Analysis Bureau are participating in the Southern Band Survey.

### II. UNPLANNED ACTIVITIES DURING THE QUARTER

Among the unplanned activities which have taken a good deal of our time are the following:

1. Evaluation of the members of the Economic Analysis Bureau for the determination of merit pay premiums.

2. Drafting of the individual end-of-project report.

3. Documentary support to Sofide, to the Division of Statistics, to students from the Institute of Applied Sciences, to Mr. Gulley (USDA) and to Mr. Paulin (Central Co-Operation Fund).

4. Participation at the Agricultural Fair at FIKIN.

5. Participation in work meetings or team meetings.

### III. COMMENTS AND SPECIAL PROBLEMS ENCOUNTERED

The same problems are still with us:

1. Shortage of staff due to irregularity at work of some technicians.

2. Interference from the Southern Band Survey.

3. The limited number of typists trained to use Wordstar.

### IV. ACTIVITIES PLANNED FOR NEXT QUARTER

Among the activities planned for this quarter we mention:

1. A month and a half of holidays.

2. The completion and publication of the texts on the Current Situation of Zairian Agriculture, Cocoa, and Cotton.

3. Continued on-the-job training.

4. Eventually, specific tasks for the Department of Agriculture and Rural Development.

NAME : James K. Gray  
POSITION : Computer Bureau Advisor  
PERIOD COVERED: April - June, 1986

I. STATUS OF ACTIVITIES PLANNED FOR THE QUARTER (see section IV of previous quarterly report)

1. Expand the quantity of data stored in the Agricultural Statistics Data Bank.

During this quarter the Computer Bureau (Bureau Informatique) continued to add export data to the Data Bank. Reports on monthly exports of agricultural products were routinely prepared and passed to Director Mubenga. The Bureau also continued the entry of new product codes. The data from the Statistiques Annuaire and the Prix-Detail data were changed to reflect these new product codes.

2. Work with the Bureau Chief to continue the program of on-the-job training for agents at the Bureau Informatique.

Training of the Bureau Informatique agents continued with training in dBase, Supercalc 2, and NWA Statpak. Technical memoranda were also prepared instructing users of the computers in various aspects of hardware and software.

3. Work with the Bureau Chief to train would-be users of the new computers being installed at the Service d'Etudes et Planification.

A two-week course was held at the Service d'Etudes et Planification with 15 agents of the BPA, BAE, and BP. Cit. Kabongo Bayabalumes assisted in this training.

4. Work with agents of the Bureau Informatique and the analysts at SEP on the entry of data and the preparation of reports for the Southern Band Study.

Cit. Kabengele of the Bureau Informatique, working under my supervision, entered and corrected all the data from the first round of the Southern Band Study. I prepared some initial tables, a correlation matrix, and some preliminary computer analysis. Much of this work was done in preparation for the second round data because the intent for the first round was to prepare the report quickly and primarily with manually prepared tables.

5. Make all the computers within SEP operational.

Problems still remain with one computer in the BAE. Thus far STI has been unable to repair it. The power supply in computer 904 in the Bureau Informatique failed again and at the end of the quarter the computer was still in the possession of STI.

6. Make the 5 MB Corvus operational again.

Nothing was done during this quarter to make the 5 MB Corvus operational.

7. Continue to backstop agents of the Bureau Informatique in their programming efforts.

This activity was performed continuously as needed within the Bureau.

8. Work with the Bureau Chief to update as needed the Master Operations and Policy Manual and the Policies and Procedures Manual: The Agricultural Statistics Data Bank.

## II. UNPLANNED ACTIVITIES DURING THE QUARTER

1. A major portion of my time this quarter was spent re-writing Data Bank programs. This was necessary to make the programs work with the new product codes, to make the programs work more efficiently, to correct errors that existed, and to add new features. This was important work that had been inhibited when the Corvus was down. It was reinstalled during this quarter.

2. During the quarter, I assisted Mr. Kabwasa, Pragma Financial Director, in the preparation of budget scenarios for the extension of the Pragma contract for Project 070 through March 1987.

## III. COMMENTS AND SPECIAL PROBLEMS ENCOUNTERED

It would be better for the creation of the Data Bank if it received some more Project attention. Until some pressure is applied at the Division of Statistics by the Project, the Data Bank will remain a low priority.

#### IV. ACTIVITIES PLANNED FOR NEXT QUARTER

As I will be leaving Zaire and Project 070 at the end of this quarter, I will not be here to realize these planned activities. These activities therefore should be seen as my suggestions for my successor.

1. Together with the Bureau Chief of the Bureau Informatique, supervise the entry of data for the second round of the Southern Band Study.

2. Together with the Bureau Chief of the Bureau Informatique supervise the preparation of any output tables and/or analysis that needs to be done.

3. Continue to work with the Bureaus Informatique and Depouillement to add data to the Data Bank.

4. Resolve all hardware problems within SEP (computer 904, the computer in the BAE, and the 5 MB Corvus.)

5. Backstop the Bureau Informatique in its programming efforts.

6. Work with the new administrative assistant to the Pragma Chief of Party to prepare the Pragma voucher.

NAME : Anthony Yeboah  
POSITION : Field Thesis Advisor (Research Bureau Advisor)  
PERIOD COVERED: April - June, 1986

I. STATUS OF ACTIVITIES PLANNED FOR THE QUARTER (see section IV of previous individual quarterly report)

Activities planned for this quarter were pretty much stuck to. Below is a summary of the activities.

1. Coordinate the second phase of Cit. Kalamba's survey of oil palm plantations, which is to be conducted in Haut-Zaire.

The participant worked on the first part of his thesis which utilizes time-series data. After entering the data and their transformations into the computer, he performed several analyses including estimation of econometric models. The results of the analyses are stored on diskettes. This portion plus chapters on general introduction and literature review constitute the first five chapters of his thesis.

The second portion of his thesis utilizes primary data obtained from interviewing oil palm plantation owners in Bandundu and Haut-Zaire. His data collection efforts have been greatly hampered by inadequate transportation facilities in the interior parts of the country. The problem is further exacerbated by the fact that the oil palm plantations are widely dispersed. Unlike fields growing foodcrops, which tend to be close to each other, oil palm plantations are widely separated from each other; hence great distances needed to be covered between interviews. This situation has led to very slow progress by the participant.

The survey in Bandundu had been completed in February. He traveled to Haut-Zaire in April to start surveying the operators in that region. The final phase is scheduled for July. Analysis of the data will commence in August.

2. Two technicians, Cit. Lukusa and Cit. Tonyemba, are expected to arrive in Kinshasa during the early part of April. I will start work with them on their theses.

The two participants returned to Zaire from the University of Georgia toward the end of April. After a brief period of orientation, they took a two-month vacation. However, arrangements have been made for me to travel with Cit. Lukusa in early July to Kasai Oriental for pretesting the questionnaire to be used in interviewing maize farmers in the region. A similar mission has been planned for Haut-Zaire in August with Cit. Tonyemba to survey cotton farmers.

3. Coordinate Dr. Mike Reed's May visit.

This visit was postponed to August at the request of Dr. Reed. Travel arrangements for the trip were finalized and he is expected in Kinshasa during the second week of August.

4. Continue to supervise the thesis of Cit. Nseye Mara.

During this quarter, the participant completed the analysis of data obtained from the survey conducted. All analyses were done on the Apple IIe microcomputer. However due to the lack of capacity of this machine to handle some of the more sophisticated analyses, several data manipulations had to be done manually before being entered into the computer. This took a little bit of extra time. However, it obviated the need for sending the data to North Carolina A & T State University for analysis. The data and results of analyses are stored on diskettes for easy retrieval.

In addition, Cit. Nseye and I traveled to Bandundu (the region under study) on a mission to verify some of the information obtained in the previous study. In particular, farm fields were measured to ascertain the accuracy of figures on area planted reported by the interviewed farmers.

Finally, the participant submitted to me the first draft of his thesis during this quarter. It has been typed and is currently being edited for typing errors.

5. Continue to perform a liaison function for project participants in the U.S.

Arrangements were started for Dr. Richard Robbins of N.C. A & T State University to visit Kinshasa for the thesis defense of Cit Nseye Mara who is nearing the completion of his thesis. Mr. Norm Sheldon, Acting Project 070 Officer during the absence of Mr. Ronnie Daniel, gave his verbal approval for such a visit.

I also corresponded with N.C. A & T for progress reports on Cit. Katende Kamukenji and Cit. Pezo Yi Bamba and for their intended date of arrival in Zaire. It appeared that Cit. Pezo would be arriving during the month of August. Arrival date for the other participant is subject to his passing a comprehensive examination scheduled for that month.

## II. UNPLANNED ACTIVITIES DURING THE QUARTER

1. I read and commented on a draft report of a study on Project 052 undertaken by Mr. Jim Gulley of USDA/OICD.

2. I met with Mr. Kabwasa of the Fragma Corporation to discuss issues pertaining to Project 070.

3. I submitted an individual quarterly report to Dr. Shapiro, the Chief of Party for Project 070. The report included thesis advisory activities, liaison function for participants, and planned activities for the second quarter of the year.

### III. COMMENTS AND SPECIAL PROBLEMS ENCOUNTERED

The main problems facing the Research Bureau are:

1. Lack of adequate transportation for participants conducting surveys in the interior of the country. This tends to hamper the timely administering of questionnaires.

2. Lack of adequate office space and furniture for Cit. Lukusa and Cit. Tonyemba. This problem will worsen with the expected return in August of two more participants, Cit. Katende and Cit. Pezo.

3. Lack of adequate typing services. The first draft of Cit. Nseye's thesis and the first five chapters of that of Cit. Kalamba were typed by Cit. Kamwaka at the Mobil Bldg. (USAID). The distance between the typist and the thesis authors prevented timely consultations during typing. As a result there were several errors and omissions. It is recommended that Citne. Batantu be allowed to type the theses as was originally planned.

### IV. ACTIVITIES PLANNED FOR NEXT QUARTER

1. Continue with the supervision of theses of returned participants. This will include pretesting questionnaires in Kasai Oriental with Cit. Lukusa and in Haut-Zaire with Cit. Tonyemba. Also, analytical work with the computer will be supervised and monitored and prepared drafts reviewed.

2. Work with Dr. Mike Reed in reviewing the thesis of Cit. Kalamba.

3. Coordinate the visit of Dr. Richard Robbins to Kinshasa to conduct a thesis defense by Cit. Nseye Mara.

4. Continue to perform a liaison function for project participants in the U.S.

5. Continue to work with the project's new part-time administrative assistant to maintain files on participants.

6. Start working with Cit. Katende and Cit. Pezo on their theses upon their arrival in Kinshasa (should they choose not to take vacation).

NAME : David Shapiro  
POSITION : Chief of Party and Projects Bureau Advisor  
PERIOD COVERED: April - June, 1986

I. STATUS OF ACTIVITIES PLANNED FOR THE QUARTER (see section IV of previous individual quarterly report)

1. Carry out routine administrative work: SEP, USAID, PRAGMA

Routine administrative work entailed, as always, numerous meetings throughout the quarter. Administrative work at SEP included a number of meetings with FAO people (Mr. Babilot and consultants). These meetings dealt both with the short-term considerations of status reports on the FAO Statistics Project and the concomitant timing and volume of demands that will be placed on the Bureau Informatique; and with the longer-term concerns of what should agricultural data collection in Zaire seek to accomplish and how. I also participated in a Commission Statistiques Agricoles meeting in April, discussing past and prospective activities of the Southern Band Survey. SEP administrative work also included the second round of personnel evaluations for merit pay premiums. These evaluations were conducted in June, and my work on them included calculating evaluation scores.

Meetings involving USAID focused on the Quarterly Implementation Report, the audit of Project 070 (carried out in April), Jim Gulley's work on Project 052 training, a visit to Project 070 by Ms. Lois Richards of AID/Washington, and hiring of a replacement for Jim Gray (who left Zaire in early July). In addition, Cit. Mubenga, Mr. Daniel, Mr. James Benson (Agricultural Attache at the U.S. Embassy in Abidjan), and I met to work up an agreement between SEP and the Foreign Agriculture Service of the U.S. Department of Agriculture (USDA/FAS) under which SEP would provide six reports per year to USDA/FAS and be paid (usually \$400-\$600) for each report completed.

Administrative work for Pragma included, as always, work on telexes to the Pragma Home Office and on the monthly vouchers. The unexpected departure in late May of Ms. Griego, part-time administrative assistant on the project, added to this work load. I also had several meetings and discussions with Prof. Kalonji concerning his short-term consultancy to write a handbook on agricultural data collection in Zaire. That consultancy began during the second half of June. In addition, five Project 070 team meetings were held during the quarter.

2. Complete the Quarterly Report for the first quarter of 1986 and the End-of Project Report.

The Quarterly Report was completed (in draft) and sent in June to Dr. Fatoorehchie at the Pragma Home Office for comments. The End-of Project Report was drafted, and in consultation with Dr. Fatoorehchie during a consultation trip to work on the report additional data needed to finalize the report were identified. Since the contract extension will change the end of the project (Pragma participation) from September 30, 1986 to March 31, 1987, it was decided that finalizing the report will be done later in the year by Dr. Fatoorehchie, so as to be able to incorporate developments during the second half of 1986.

3. Review documents: Kivu Regional Study, Southern Band Survey Preliminary Report, Project 119 Project Paper, etc.

I reviewed the Kivu Regional Study, the second draft of the Southern Band Survey Preliminary Report and provided extensive comments in each case. I discovered a flaw in the methodology of calculation of the food consumption needs in the Kivu study; correction of this flaw will improve the quality of our future estimates. I also read Citne. Mputu's Banana Report, as well as two briefer reports (ca. 15-20 pp.) on sugar and coffee prepared by Cit. Kassenga for USDA/FAS.

4. Continue work on the Southern Band Survey (data collection and analysis)

The preparations for round two that had begun at the very end of March following the seminar in Kasungulu continued throughout the month of April. Work on the round two questionnaire and on an instruction manual for interviewers was done principally at the Statistics Division, eight of whose technicians were designated to carry out the survey along with twelve technicians from the Division of Strategy and Planning. Following the raising of a number of important methodological and conceptual issues principally by John Gold and also by Jim Gray, seven working groups were created to address specific issues (e.g., should we attempt to carry out yield tests; are we sure that we'll get the data we need in order to attribute area planted to individual crops on an annual basis in the presence of multi-cropping and two agricultural growing seasons). These working groups included individuals from both divisions (DSA and DSP). I worked with several of the groups and coordinated it all.

By the end of April we had resolved the outstanding issues and finalized the instruction manual (with considerable help from Cits. Mawampanga and Nsavar from DSA as well as from John Gold) and the questionnaire. Intensive

interviewer training took place on April 28, 29, and 30, with Cits. Mawampanga and Nsavar as well as myself serving as trainers. Round two of the survey began on May 1, and in this context I traveled to Kasai Oriental to participate in the survey. I worked principally with Cits. Kalambayi and Lukusa in the collectivity of Kanintshina, to insure that the new elements added in round two caused no problems. My mission ended on May 11, while round two data collection continued more or less throughout the month of May.

Following the return to Kinshasa in late May of the data collection teams, work began on processing the data. Cits. Mawampanga and Tshilumba of DSA carefully reviewed the incoming questionnaires, as preparation both for computerized data entry and for choice of regions in which to conduct control missions. John Gold and I met with Mawampanga and Tshilumba several times to discuss this work. Data analysis was also pursued during June, in the form of revising the second draft of the Preliminary Report (which had been completed at the very beginning of the quarter). A third draft of the report was prepared by the ten technicians who had participated in the first round of the survey and myself, under my supervision. By the end of the quarter this draft was completed and ready to submit to Director Mubenga for comments and approval.

5. Work with the Projects Bureau to monitor progress vis-a-vis the PES recommendations.

On June 6 there was a meeting of bureau chiefs, division chiefs, Project 070 advisors, and Director Mubenga at which progress vis-a-vis the PES recommendations was reviewed. This meeting allowed us to identify the recommendations that still had not yet been implemented, chief among them being the recommendation that all the bureaus in the Statistics Division should provide a clear definition of their responsibilities and functions within the Division and to the project. This information, along with an indication of the activities and responsibilities of individual technicians at DSA, was provided to me by Division Chief Mingiedi at the very end of the quarter. In addition, the quarterly update of the document reviewing progress toward achievement of the PES recommendations was prepared by Cit. Tamfumu of the Projects Bureau. The document may be found as the Appendix to this report.

6. Give the Introductory Microeconomics Course to participant training candidates and other SEP technicians, and finalize selection of individuals for the next participant training group.

I gave the Introductory Microeconomics course for four weeks during the month of June (7 hours of instruction per week). There were 14 students: the three participant training candidates who had not previously taken the course

plus eleven technicians likely to be participant training candidates next year. The final exam was held July 1, and 10 of the 14 students (including 2 of the 3 participant training candidates) passed the course.

In early June I prepared an updated document on "Notes on Participant Training," identifying candidates, procedures, and criteria for selection into the next participant training group and intensive English course. In brief, the criteria for admission included having worked at SEP at least since 1984, passing the Introductory Microeconomics course, taking the ZALI placement test, and being interviewed by Mrs. Shapiro (the teacher for the intensive English course). The procedures were followed during June, and on July 2 the intensive English course began with Cits. Kabongo and Kalombo (Projects Bureau) and Ngongo (Economic Analysis Bureau) of DSP and Cit. Kiesolo and Citne. Wumba of the Bureau Informatique of DSA as the students.

## II. UNPLANNED ACTIVITIES DURING THE QUARTER

Contracts and hiring were the focus of my unplanned activities: an extension of the Pragma contract, and contracts for and hiring of three new project personnel. In order to insure completion of pending project reports and to assure continuity at SEP, USAID agreed during June to extend the Pragma contract by six months, through March of 1987. This agreement was the outcome of a series of meetings in Kinshasa, some preliminary budget work I did during my consultation visit (indicating the feasibility of maintaining a Pragma team through March without adding additional funding), and extensive budget work by Pragma Financial Director Mr. Nga-Ambun Kabwasa during his visit to Kinshasa (permitting a choice among competing scenarios). All positions but the Chief of Party/Projects Bureau Advisor position will be continued.

The decision to maintain a Pragma team in Kinshasa through next March effectively created an impending vacancy: the Bureau Informatique will need a new advisor following Jim Gray's departure in early July. We were fortunate to find (thanks to Mr. Gray) a suitable replacement here in Kinshasa (allowing continuous provision of technical assistance to the Bureau Informatique), Mr. John Barton. Following some back-and-forth correspondence involving USAID and the Pragma Home Office, and thanks to a helping hand from Mr. Norman Sheldon, Acting Project Officer for Project 070 during Mr. Daniel's absence on home leave, we were able to hire Mr. Barton for two months of work as advisor to the Bureau Informatique, beginning on July 1.

Two additional hirings (and contracts) were carried out during the quarter: Ms. Beverly Duke was hired in mid-June to replace Ms. Dayna Griego as the project's part-time administrative assistant (Ms. Griego having left the position

at the end of May to take home leave and then pursue a bachelor's degree); and Ms. Rachel Voegt was hired as a part-time project translator (Mr. Kueviakoe has been ill recently and irregular at work, plus he is planning to retire in August).

### III. COMMENTS AND SPECIAL PROBLEMS ENCOUNTERED

A principal concern of mine is what will happen to the Southern Band Study after my departure in mid-August. I plan prior to my departure to initiate work on processing data from the second round and on preparing a second report covering the results of the survey; but I am not sure if that work will be carried out in a timely fashion once I'm gone. I plan also to recommend that responsibilities for data processing and for individual chapters of report no. 2 be assigned formally to specific bureaus and individuals, and that John Gold be given responsibility for overseeing and coordinating preparation of the report. However, I believe that periodic monitoring, encouragement, and pressure to complete the report by Mr. Daniel and by Cit. Mubenga would be most desirable.

I am pleased that Mr. Conde will be serving as Chief of Party after my departure. I believe that he has both the temperament and the team spirit necessary to do a good job.

Other problems encountered during the quarter are of a more general nature, and are discussed in section IV of the main body of the report.

### IV. ACTIVITIES PLANNED FOR NEXT QUARTER (FIRST HALF)

1. Carry out routine administrative work: SEP, USAID, PRAGMA.
2. Complete the Quarterly Report for the second quarter of 1986 and the Annual Report for 1985-1986.
3. Review Documents: Prof. Kalonji's Handbook on Agricultural Data Collection, Audit Report.
4. Finalize the Southern Band Survey Preliminary Report for publication.
5. Continue work on the Southern Band Study (data processing and analysis).
6. Leave Zaire on August 15.

PROJET 070

RAPPORT TRIMESTRIEL SUR LE PROGRES DANS L'APPLICATION DES RECOMMANDATIONS DE L'U.S.A.I.D.

RECOMMANDATIONS	RESPONSABLE	DATE LIMITE PREVUE	SITUATION ACTUELLE : 30 Juin 1986
1. Dès qu'un étudiant est accepté pour une formation post-universitaire par une université américaine, l'USAID/Kinshasa devrait demander à l'université un programme d'études post-universitaires. Tout ceci devrait être examiné par l'administrateur du projet d'USAID, le Directeur du SEP et le Chef d'Equipe Pragma. L'USAID devrait rester en contact avec l'université pour garantir que l'étudiant suit un programme d'études relatif à son futur travail au SEP. Cette mesure devrait être prise pour les étudiants qui sont partis aux Etats-Unis en Août 1985.	USAID	Juin 86	Les participants ont reçu leurs inscriptions provisoires. Les programmes d'études post-universitaires ne seront établis qu'après que les étudiants auront leurs inscriptions définitives.
2. USAID/Kinshasa devrait demander des rapports d'études trimestriels ou semestriels auprès des universités dans lesquelles la formation des participants se déroule. Ces rapports devraient être transmis au Chef d'Equipe et au Directeur du SEP. Si un participant éprouve des problèmes académiques, des solutions pour y remédier devraient être recherchées.	Dr. Shapiro et Dir. Mubenga	En cours	Sur les six participants, cinq semblent être sur la bonne voie. On a mis le sixième dans un cours de récupération pendant la session d'été, et on espère qu'il va se rattraper.
3. Des cours brefs dans la planification et l'évaluation des projets, la planification régionale et l'analyse régionale devraient continuer à être donnés si possible avec la collaboration de la Banque Mondiale, de la FAO, de l'USDA et d'autres institutions.	PRAEMA	Septembre 86	Pendant tout le mois de juin, Dr Shapiro a donné un cours introductoire à la micro-économie à 14 techniciens de la Division de Stratégie et Planification.
4. Un effort devrait être fait pour garder les techniciens formés présentement employés par le SEP. La mission devrait augmenter les primes payées aux employés du SEP jusqu'au même niveau que les paiements faits au personnel travaillant avec d'autres projets de l'USAID. Les primes devraient être payées en rapport avec la responsabilité, la formation, l'expérience et le rendement au travail.	USAID/SEP	Septembre 86	Ce qui a été prévu dans le précédent rapport a été réalisé à partir du mois de janvier. Cette recommandation est alors exécutée sauf que l'augmentation des primes jusqu'au même niveau que les primes données aux personnels prestant leur service dans d'autres projets de l'USAID se fera à travers trois ans au lieu de tout d'un coup.
5. La série en cours des rapports sur les produits devraient être terminée.	Mr. Condé + Cit. Ngenba	Septembre 86	Le rapport sur la Situation Actuelle de l'Agriculture Zaïroise est fin prêt. La Synthèse de la Situation Actuelle est achevée et sera publiée prochainement. On a déjà un texte provisoire des rapports sur le manioc, le quinquina, le cacao et le coton. Le bureau est entrain d'actualiser les rapports sur le riz, le café et le maïs. On a aussi fait des rapports pour l'USDA sur le sucre et le café pendant ce dernier trimestre.

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6. Les micro-ordinateurs devraient être disponibles pour chacun des bureaux et une formation au sein du service devrait être donnée concernant leur utilisation. Le Bureau Informatique devrait prendre la charge de cette formation.	USAID, Cit. Kabongo T. Mr. Gray.	Décembre 85	Mr. Gray a initié au mois de juin un cours sur l'utilisation de micro-ordinateur. 15 agents de la Direction d'Etudes et Planification ont suivi ce cours pendant deux semaines.
7. Le BPE devrait concentrer ses efforts sur l'évaluation des projets en cours.	Cit. Mukuna B. Dr. Shapiro	En cours	Citoyen TAMFUMU a été associé dernièrement à une mission d'évaluation des projets qui a eu lieu à Mwaka. Pour le moment, il s'attèle à la rédaction du rapport de mission.
8. La gestion financière et technique du projet devrait être améliorée. La situation actuelle est que les Chefs de Bureau et de Division ne sont pas impliqués suffisamment dans la préparation des budgets. Ils devraient participer à la préparation des budgets et les budgets devraient être liés au programme du travail.	USAID/PRAGMA/ SEP	Décembre 85	La recommandation a été exécutée.
9. Les chefs de Bureau devraient travailler avec les chefs de Division pour le développement des plans de travail et de budget pour l'année à venir. Ceci devrait comprendre (un catalogue) une liste du matériel et de l'équipement nécessaire. Ces rapports devraient être utilisés dans tout le processus d'élaboration des budgets pour le SEP.	USAID/PRAGMA	Décembre 85	La recommandation a été exécutée.
10. Il devrait y avoir un contrôle financier du projet.	USAID	Septembre 86	Le contrôle a eu lieu, et on vient de recevoir le rapport vers la fin du mois de juin.
11. Un Zaïrois devrait être engagé pour aider l'Assistante Administrative dans la gestion des aspects logistiques du Projet.	USAID/SEP	Juin 86	La recommandation a été exécutée.
12. B.D. devrait augmenter ses archives des données secondaires. Les documents et les données devraient être soigneusement classifiés et une liste des ressources avec des mots clés devrait former une partie de la Banque des Données informatisées.	Cit. Msavar + Mr. Gold	En cours	Pendant ce dernier trimestre on a pu informatiser des renseignements sur dix documents.
13. B.D. devrait continuer à développer les procédures de codification du projet de la Banque des Données. Le Bureau devrait vérifier les données une fois qu'elles sont introduites dans l'ordinateur.	Cit. Msavar + Mr. Gold	En cours	Les deux fichiers en préparation (démographie, exportations/importations) sont terminés, on a commencé la phase de saisie des données. Une grande partie d'information se trouve déjà dans la Banque des Données.
14. Une copie de la Banque des Données des Statistiques Agricoles devrait être inclus dans le système de l'ordinateur qui sera installé dans le bâtiment principal du SEP.	Mr. Gray + Cit. Kabongo T.	Décembre 85	Le système entier n'est pas encore installé, parce que le disque fixe CORVUS est en panne (en Belgique pour réparation).
15. Le système pour sauvegarder le disque fixe CORVUS devrait être immédiatement mis en oeuvre.	Mr. Gray + Cit. Kabongo	Décembre 85	Puisque le disque fixe CORVUS n'est pas entièrement installé, le système pour le sauvegarder n'est pas encore mis en oeuvre.

16. Un système pour la sécurité des dossiers devrait être développé et appliqué aussitôt que possible dans le but d'assurer l'intégrité des dossiers.	Mr. Gray + Cit. Kabongo	Decembre 85	La recommandation a été exécutée.
17. La Banque des Données des Statistiques Agricoles devrait être élargie.	Cit. Mingiedi + Dr. Shapiro	En cours	On avait réalisé quelques fichiers sur les prix des produits agricoles, des entités administratives, et de production, ainsi que sur la démographie et les exportations et importations.
18. Le personnel du SEP devrait recevoir une formation sur l'utilisation du système de la Banque des Données.	Mr. Gray +	En cours	C'est difficile à réaliser pour le moment, puisqu'on n'a pas encore installé le système de la Banque des Données à la DSP/SEP.
19. Le niveau du personnel du centre informatique devrait être élevé. Une formation supplémentaire devrait être donnée au personnel présent au sein même du service. Cette formation devrait comprendre les opérations, l'entretien, la programmation, l'utilisation de la Banque des Données des Statistiques Agricoles, et l'utilisation des logiciels.	Cit. Kabongo Cit. Kabongo + Mr. Gray	En cours	Mr Gray a dispensé des cours sur les systèmes de Supercalc, de Statpak, et de dBase II.
20. Il ne faudrait plus acheter des nouveaux ordinateurs Apple IIe. Ceux qui sont déjà là ne devraient pas être remplacés et des sommes minimes devraient être dépensées pour leur entretien.	USAID	En cours	La recommandation a été exécutée.
21. Des logiciels supplémentaires pour les Apples devraient être achetés d'après les besoins constatés.	USAID/PRAGMA	Septembre 86	On avait commandé des logiciels, mais on a reçu les Supercalcs qui ne conviennent pas à nos ordinateurs. On a aussi reçu une imprimante de bonne qualité.
22. Dans le but d'obtenir des données pour analyser, la DSPA devrait développer une collaboration plus poussée avec la DSA sur le plan de travail. L'équipe PRAGMA devrait prendre l'initiative d'encourager cette collaboration.	Cit. Mingiedi, Cit. Singa et Mr. Shapiro	En cours	Des progrès ont été réalisés surtout avec le deuxième passage de la Bande Sud, on avait incorporé les agents de la Division des Statistiques Agricoles. Il y avait du travail préparatoire collaboratif pendant le mois d'avril et ensuite la collecte de données pendant le mois de mai.
23. Au terme de chaque année fiscale, chaque Chef de Bureau devrait soumettre à son Chef de Division le bilan des activités proposées et réalisées, le niveau des dépenses dans le bureau, et les problèmes et contraintes rencontrés. Ces bilans devraient être utilisés pour la préparation d'un rapport annuel pour le SEP et l'ASSP.	Dir. Mubenga Dr. Shapiro et Cit. Nzungu	En cours	Réalisé, sauf l'aspect niveau des dépenses dans le bureau.
24. Le personnel du centre informatique devrait être spécialisé dans différents logiciels.	Cit. Kabongo T. et Mr. Gray	En cours	En suspens.

5. Le SEP devrait fournir des rapports annuels à l'USAID de Kinshasa.	Dr. Shapiro et Dir. Mubenga	En cours	La recommandation a été exécutée.
5. L'USAID devrait fournir à temps à l'Equipe PRAGMA des renseignements sur des questions concernant les contrats et l'expiration des contrats.	USAID	Juin 86	L'USAID a décidé de prolonger le contract de PRAGMA jusqu'au 31 Mars 1987, pour faciliter l'achèvement de certains rapports et pour assurer la continuité de l'assistance technique au SEP. Cette recommandation a été alors exécutée.
7. Tous les bureaux de la Division des Statistiques devraient fournir une définition claire de leurs responsabilités et de leurs fonctions au sein de la Division et du Projet.	Dr. Shapiro + Cit. Mingiedi	Juin 86	Une liste des activités et fonctions de chaque bureau au sein de la Division a été confectionnée sous la supervision du Cit. Mingiedi, et Dr. Shapiro va maintenant essayer d'élaborer leurs responsabilités au sein du Projet.
8. Le comptable du SEP devrait fournir aux Chefs de Division et de Bureau des rapports trimestriels sur la situation financière.	Cit. Nzungu	En cours	Le rapport du premier trimestre sur la situation financière était fourni pendant ce dernier trimestre.