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MID-YEAR PROGRESS REPORT
January - June 1984

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Project Title: STRENGTHENING HEALTH DELIVERY SYSTEMS
IN WEST AND CENTRAL AFRICA

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Progress Report
January - June 1984

OBJECTIVE I

<u>Subobjective</u>	<u>Activity</u>	<u>Review of six month period</u>	<u>Plans for second six month period</u>
1.1	Plan 3rd series of Training of Trainers courses for Health Management Development. <u>Documentation</u>	1. Planning for this series of courses began during the holding of the second series of courses planned under the 1983 implementation plan, but carried over into 1984 owing to the short 1983 program year. The second series of TOT courses were held 9-21 January in Dakar (francophone) and 27 February - 10 March in Badagry Nigeria (anglophone) with respectively 16 and 19 participants representing 7 Network institutions. In addition to Network members the course numbered persons who were involved in health management training, including WHO/AFRO personnel. The courses were conducted by 4 African Network Consultant Trainers under the supervision of senior facilitators. This represented one component of the on-the-job training for the NCTs planned under Objective I. Two technical reports, produced for the courses, will serve as the basis for preparing the Trainers Guides for Health Management Development. (see subobjective 1.4)	The second six month period will involve the technical planning of the courses. This will be done by African Network consultant-trainers and senior facilitators. The latter are the same as those who participated in the first two TOT courses. NCTs will include those involved in the second series of courses as well as additional ones selected from the host institutions and from among other network participants in the first two courses.
	1. Administrative and Technical Reports TOT Health Management Workshop Dakar 9-21.1.84		
	2. Administrative and Technical Reports TOT Health Management ASCON. Badagry 27.2-10.3.84		Responsibility for the on-site management will be given to the host institutions. Both have experience in organising their institution TOT courses. Further review of their responsibilities will take place during the planning meeting.

Subobjective	Activity	Review of six month period	Plans for second six month period
<u>Documentation</u>	Correspondence between SHDS, AFRO and SHDS and IPA and ENAM.	<p>2. The third series of courses will be held under the auspices of two network institutions as part of the program for developing the capabilities of the network institutions. The two Network institutions selected were the Institute of Public Administration and Extension Services, University of Benin, Nigeria, and the Ecole National d'Administration et Magistrature, University of Marien Ngouabi, Brazzaville, Congo. These institutions were selected because of their individual initiatives in developing health management programs, organising institutional training of training courses based on the regional SHDS courses. In addition, several of the NCTs involved in SHDS activities were from these two institutions.</p>	<p>AFRO will be principally responsible for the invitation and administration concerning CTs and participants. Action in this regard will start in August.</p>
		<p>Between the period of January and June the following steps were taken to plan the third series of courses. Dates and sites were agreed upon with the institutions and with AFRO. The Anglophone course is tentatively set for 15-27 November, the francophone for 10-22 December. A planning meeting has been tentatively scheduled for 22-26 October in Brazzaville, however, owing to the direct institutional involvement in the planning and organizing of the courses, two planning meetings may be considered during October, one at each institution. SHDS and AFRO and the institutions have consulted on each of these steps. AFRO asked SHDS to communicate with IPA directly in the planning of the Anglophone course because of communication difficulties between Brazzaville and Benin City. Several mechanisms were also discussed to ensure that the appropriate participants would be invited and permitted to attend the courses, including those who have been serving as local facilitators in national top level health management workshops and continuing education programs in health management development.</p>	<p>It is expected that the courses will be implemented on schedule, with only minor adjustment for dates as both institutions have agreed in principle to host the courses on the proposed dates.</p>
			<p>The former SHDS Assistant Director for Objective I and II, now coordinator for Management Development and Training, will visit the proposed sites to finalise discussions with the authorities of the hosting institutions. In addition, during the visit to Brazzaville, action will be initiated regarding responsibilities of AFRO in this regard.</p>

Subobjective	Activity	Review of six month period	Plans for second six month period
1.4	<p>Prepare trainers Guide for Health Management Development.</p> <p><u>Documentation</u></p> <p>1. First draft of 26 sessions plans for top level workshop on intersectoral management for PHC.</p>	<p>1. The draft of first Guide based on the Top Level intersectoral regional management workshops was completed. The draft was prepared by the SHDS Project Coordinator for Management Development and Training. The Guide is in the form of a series session plans. When the guide is prepared in final form it will contain all the documentation needed for such workshops. It will be tested in the Nigeria and Congo top level workshops.</p> <p>2. Arrangements have been made with WHO/AFRO and Network consultant-trainers for the preparation of a second Trainers Guide based on the two Training of Trainers Course in Health Management Development given in 1982 and 1984. A technical meeting has been planned for 6-22 August in Brazzaville. The preparation of the guide will be supervised by the SHDS Project Coordinator for Management Development and Training and senior facilitator Dr. Adjou-Moumouni. However, the intent is that the Guide should be developed by the Network consultants and be published as a document of the African Network for Health Management Development.</p>	<p>1. The draft will be sent for review by African Network Consultant-Trainer and senior facilitators as well as other experts in health management and training.</p> <p>This guide will be translated into French. It will be tested at the Nigeria and Congo top level workshops.</p> <p>2. Following the meeting in Brazzaville, the guide will be edited and sent for review to members of the Network and other experts on management development and training. The comments will be collated and a final draft will be prepared for review by the Network consultant-trainers. A plan will be drawn up in consultation with the NCTs and AFRO as to procedures for printing and distributing the Guides.</p>

Subobjective	Activity	Review of six month period	Plans for second six month period
2.1	Development of national continuing education programs in health management development in Senegal and Cameroon.	<p><u>Senegal</u></p> <p>1. The first cycle of continuing education programs in health management development planned in 1983 was carried out in the form of two workshops in January and April 1984. The purpose of the programme will be to develop and implement a multisectoral policy for primary health care. The first cycle involved 62 participants from 10 ministries. The workshops are being organized by the Ministry of Health. Chief facilitators are from the Bureau d'Organisation et Méthode, a management group in the executive branch of the Senegalese government. Their participation in health management training started in 1982 with the national level follow-up in Senegal to the Aldiana regional health management workshop.</p> <p>2. In April work began on the planning of the second cycle of continuing education workshops in health management development. The SHDS Project Coordinator for Management Development and Training met with MOH officials and facilitators from the BOM to review the first cycle, the SHDS implementation plan for 1984 and to set out the criteria for planning the second cycle. The second cycle will be conceived as a follow-up to the first cycle. The first cycle participants came from central offices of the ministries. The workshop resulted in a series of policy guidelines. The second cycle will involve regional level personnel from the 8 ministries and focus on the implementation of these policy guidelines and the formation of multi-sectoral teams in implementing primary health care.</p>	<p>2. The plan for the second cycle will be submitted to SHDS for review by mid July, then sent for action to AFRO. As in the case of the first cycle, the MOH and the BOM will take full responsibility for organizing and implementing the workshops. Funding for certain aspects will be covered by SHDS/AFRO budget.</p>
	<u>Documentation</u>		
	1. Report of the first cycle of workshops.		
	2. Proposal for second cycle of workshops.		<p>The SHDS Project Coordinator for Management Development and Training will focus on the involvement of Network consultant-trainers in this activity as well as the development of an evaluation plan for 1985.</p>

Subobjective	Activity	Review of six month period	Plans for second six month period
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Documentation

1. Report of Reforme Administrative on Document management in the MOH.

Cameroon

1. The first cycle of continuing education programs in health management development was planned as a direct follow-up to the 1982 national top level workshop in Cameroon. The focus of the workshop is on communication and feedback and in general document management in the MOH for PHC, a major problem identified in the 1982 workshop.

The continuing education workshop is being organised by the MOH and the facilitators are from the Office of Administrative Reform, of the Ministry of State delegated for Administrative Reform. In preparation for the workshop Reform Administrative carried out a situation analysis of the communication and documentation problems. This study will serve as the principle working document for the first cycle. It was completed in April and submitted to the MOH for review. The completion of this document took longer than expected owing to some internal problems in the Ministry that affected the production of the final report on the research carried out by the Reforme Administrative staff.

This period will be critical to the development of this part of the SHDS Program in Cameroon. The continued interest of the ministry in this program gives cause for reasonable optimism that the workshop will be carried out despite the delays, and that sufficient progress will be made to start the planning of a second cycle.

During this period, the same attention will be given to the involvement of NCTs in this activity and the preparation of an evaluation plan for 1985.

Subobjective Activity Review of six month period Plans for second six month period

2. Intervening changes in Ministers of Health and political events have also served as constraints to delay the actual implementation of the first cycle, which was planned as a series of two day workshops spaced over five month period.

During this period the SHDS Project Coordinator for Management Development and Training has maintained continual contact with MOH and Reforme Administrative officials to monitor progress and problems. By the end of June, the MOH has approved the situation analysis and was planning to submit the analysis along with a specific proposal to the Minister for the organisation of the workshops. Approval had already been obtained from the Prime Ministry in this regard. In order to compensate for the lost time, the plans for holding the workshops over five months have been changed and it is now agreed that they will be scheduled over a 10 week period. It is hoped that the workshop can start by September and be completed before the PCC meeting in November.

Subobjective	Activity	Review of the six month period	Plans for second six month period
2.2	Introduce Continuing Education programs in Health Management Development in two other countries.	This activity is dependent on the implementation of national level follow-ups to the regional top level health management workshops. Plans have been so far made to hold national level follow-ups in Gabon, Nigeria and Congo, so these countries represent potential areas for the institution of continuing education program. Discussions have been held with the senior facilitators and Network Consultant-Trainers regarding the second stage development of the management training programs, and the program idea will be introduced during the actual implementation of the workshops in these and other countries which may request follow-up management workshop to the Aldiana, Oguta and Lome workshops.	Emphasis will be placed on Gabon and Nigeria which will have completed the national level follow-up workshops. Efforts will be made to develop a plan for continuing education in health management development in these countries to start in 1985. As the Congo top level management workshop will be carried out in conjunction with ENAM , a network institution, local facilitators will develop the workshop program in the context of a long term plan for management development in the Ministry of Health and related sectors that will form the basis of the continuing education program.
	<u>Documentation</u>		
	1. Report by ENAM Director on participation in WHA meeting on health management.		
	2. Correspondence between ENAM Director and MOH officials in Gabon.		
	3. Report of the national Top level management workshop in Gabon.		

Subobjective	Activity	Review of six month period	Plans for second six month period
2.3	National level follow up to top level intersectoral ministerial workshops (Aldiana, Oguta, Lome)	<p><u>1. Gabon</u> The Gabon workshop was planned in 1983 by senior facilitator Professor Diallo of CAFRAD and NCT Professor K. Kinzounza, director of ENAM, Brazzaville. The workshop was planned for July 1984. A follow-up mission to Gabon by the NCT occurred in March 1984 to ascertain progress on the planning of the workshop. The report of this mission indicated that all activities required were being carried out on schedule. SHDS Project ordered the training materials and shipped them to Gabon. AFRO released funds for direct costs, and for NCT and local facilitators.</p>	The workshop is scheduled for the period 2-16 July. It is expected that it will occur on schedule, and that it will serve as the basis for introducing the concept of developing a continuing education program in health management development in Gabon (see subobj. 2.2). In order to develop the capabilities of local facilitators, the latter will be invited to attend the TOT course in December organized by ENAM for francophone Network Institutions (see subobj. 1.1).
	<p><u>Documentation</u> 1. Report of follow-up mission of Prof. Kinzounza 14-16 March 1984.</p>		
	<p><u>Documentation</u> 1. Report of the Coordination Meeting 10 March 1984. 2. Report of the Planning Meeting 22-26 May 1984.</p>	<p><u>2. Nigeria</u> Nigeria requested a follow-up in October 1983. A coordination meeting was held in March 1984 between SHDS, AFRO, Federal and State officials, and local facilitators who would be involved in the follow-up. It was decided that the follow-up workshop would involve six states, four of which participated in the Oguta workshop. A planning meeting was scheduled for 22-26 May. The meeting occurred under the Federal Primary Health Care Programme office and was attended by state officials, local facilitators (two Network Consultant-Trainers from IPAES, University of Benin) and senior facilitator Dr. Adjou-Moumouni.</p>	The follow-up workshop is scheduled for 4-10 November 1984. The Federal Primary Health Care programme office will be responsible for all arrangements. A NCT will review progress on these arrangements in September. SHDS has already procured the training materials and shipped them to Nigeria. AFRO has made arrangements for transfer of funds for direct costs of the workshop allowed under the SHDS Project budget, as well as arrangements for local facilitators and NCTs. The Federal government will cover all participant per diems and travel costs.

subobjective	Activity	Review of six month period	Plans for second six month period
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Documentation

1. MOH request for national level follow-up.
2. AFRO-SHDS correspondence on use of NCT as chief facilitator.

3. Congo

The Ministry of Health of Congo has requested a follow-up to the Lome regional workshop. This follow-up will be organised under the administrative and technical supervision of ENAM. Chief facilitator in this regard will be NCT Prof. Kinzounza. This was recommended by AFRO and supported by SHDS. The follow-up workshop has been scheduled for February 1985.

4. Bourkina Faso

Prior to the recent change of government the MOH had indicated interest in organising a top level management workshop. AFRO had responded to this request in 1983, but the nature of the workshop agreed upon did not conform to the mandate of the SHDS Project, hence the SHDS Project could not provide support. New efforts were made to contact the MOH via USAID to determine whether interest in SHDS type of top level management workshop still existed. The Ministry of Health responded affirmatively and the SHDS office was contacted by AFRO in this regard. It is hoped that the workshop can be organised within the parameters mandated by the 1984 Implementation Plan. To ensure that this is the case, SHDS has recommended that the planning mission be undertaken by NCT Professor Kinzounza who is well qualified and experienced in this regard.

In the second generation of follow-up management workshops, the NCTs and the Network institutions have begun to play a significant part in the planning and implementation, both on a national and regional basis.

SHDS will inform USAID in Bourkina-Faso regarding the request received from the MOH. AFRO will respond to the Ministry of Health as well, and make arrangements for a planning mission to be carried out by Professor Kinzounza. The workshop will have to be scheduled for the second trimester of 1985.

Subobjective	Activity	Review of six month period	Plans for second six month period
2.4	Regional Intersectoral PHC team building workshop.	The nature of this workshop was changed by AFRO and agreed to by REDSO in a meeting in Brazzaville in March 1984. Henceforth the workshop to be carried out will be similar to the top level workshop held in Lome. The workshop will be hosted by the MOH in Congo, and will be carried out under the technical and administrative supervision of Network Institution ENAM, with the collaboration of Network Institution ISTM in neighboring Kinshasa. The workshop will be organised for the Central African countries. A Planning meeting has been scheduled for 6-10 August 1984. The workshop itself will be carried out in the second trimester of 1985.	The planning meeting is expected to occur on schedule, and will involve NCTs from ENAM and ISTM, as well as local facilitators from the University of Marien Ngouabi. There will be one senior facilitator, Dr. Adjou-Moumouni. During the planning meeting efforts will be made to examine how this workshop can be organised so as to introduce new elements in modern management. As some of the participants are likely to be the same as those attending the Lome workshop, it will be important to ensure that the workshop covers new ground as well as reinforces the major themes and concepts of the previous one.
	<u>Documentation</u>		
	1. Minutes of REDSO-AFRO-SHDS meeting March 1984.		
	2. Request of MOH/Congo to host top level regional health management workshop.		

OBJECTIVE II
Regional Training Centers, LOME/LAGOS

Subobjective	Activity	Review of six month period	Plan for second six month period																																
1.1	Apprentice program for training trainers.	This program continued at the Regional Training Center in Lome and started up in the Center in Lagos. The Lome Center identified 12 potential trainees from C.A.R., Mali, Niger, Bourkina Faso, Benin Senegal, Ivory Coast, Gabon, Rwanda and the Lagos Center identified trainees from Ghana, Gambia, Nigeria, Cameroun.	The programme will continue into the second half of the year, as apprentices have already been nominated by each of the Centers.																																
	<u>Documentation</u>																																		
	1. Nominations by RTC of candidates for apprenticeship program.	Since 1983, the following persons have served as apprentice trainers to Lome:	Further discussions will be held with the Lagos staff regarding the procedures for this training program, particularly staff evaluation so that there will be an objective basis for creating the registre of qualified persons who can serve as consultants and temporary advisors in both national and regional PHC oriented training programs.																																
	2. Assessment by Lome RTC staff of apprentice-trainee performance.																																		
	3. Reports of Lome and Lagos apprentice trainers.	<table border="1"> <thead> <tr> <th><u>Name</u></th> <th><u>Country</u></th> <th><u>Course</u></th> <th><u>Date</u></th> </tr> </thead> <tbody> <tr> <td>Dorichamou B.</td> <td>Benin</td> <td>Santé Comm.</td> <td>9-12/83</td> </tr> <tr> <td>Outtara B.</td> <td>Burkina-Faso</td> <td>" "</td> <td>9-12/83</td> </tr> <tr> <td>Cisse F.</td> <td>Mali</td> <td>" "</td> <td>9-6/84</td> </tr> <tr> <td>Katabanze P.</td> <td>Burundi</td> <td>TOT</td> <td>9-6/84</td> </tr> <tr> <td>Malekanga A.</td> <td>C.A.R.</td> <td>TOT</td> <td>9-6/84</td> </tr> <tr> <td colspan="4"><u>Lagos</u></td> </tr> <tr> <td>Nyinah S.</td> <td>Ghana</td> <td>SCD & CM</td> <td>1-4/84</td> </tr> </tbody> </table>	<u>Name</u>	<u>Country</u>	<u>Course</u>	<u>Date</u>	Dorichamou B.	Benin	Santé Comm.	9-12/83	Outtara B.	Burkina-Faso	" "	9-12/83	Cisse F.	Mali	" "	9-6/84	Katabanze P.	Burundi	TOT	9-6/84	Malekanga A.	C.A.R.	TOT	9-6/84	<u>Lagos</u>				Nyinah S.	Ghana	SCD & CM	1-4/84	Candidates for the 1985 program will also be selected. The Centers will choose candidates from the entire range of course which have been given at the Centers. This net is being expanded as the centers feel that the top trainees from the Training of Trainers course have already been chosen.
<u>Name</u>	<u>Country</u>	<u>Course</u>	<u>Date</u>																																
Dorichamou B.	Benin	Santé Comm.	9-12/83																																
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Nyinah S.	Ghana	SCD & CM	1-4/84																																
		The Lome center staff prepared an evaluation report on each apprentice trainer. In Lagos, the apprentices prepared reports on their assignments.																																	
		This program has run successfully so far. As a training program it is innovative in that the Centers have the opportunity to nominate the trainees and thus insure that the most qualified benefit from this approach to development of training skills.																																	

Subobjective	Activity	Review of six month period	Plan for second six month period
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Occasionally, selection of participants, which has previously been left to the ministries, has met with opposition. AFRO and the centers have tried to overcome this problem by nominating two apprentice trainers per country and leaving the choice between them to the MOH.

1.2	National level follow-up to Center courses on Training of trainers of VHWs.	<p>During this period it has not been possible to generate requests for national level follow-up, although the possibilities have been pursued in Benin, Togo, Nigeria.</p> <p>Till the present follow-up requests have been generated directly through SHDS project staff intervention. During this period it was hoped that the centers as well as AFRO could take the initiative in generating the requests. It is possible that the possibilities for follow-up in new countries have peaked (there were eight follow-ups in the 1978-82 period); returning participants to the TOT course are adequate to the task of carrying out the national training courses (as is the case in the Congo) and so do not need technical assistance from the centers, or that a more dynamic approach to developing the outreach activities of the centers need to be developed.</p>	
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The reasons for low demand for Center consultation will be reviewed and a new strategy will be developed. Possibilities of new initiatives in using the RTCs in AID bilateral PHC training programs will also be investigated, as the one of the original intents of the TOT program was to provide resources to PHC programs funded bilaterally through AID.

Subobjective	Activity	Review of six month period	Plan for six month period
2.1	<p>Improve capability of RTC to produce PHC related training materials.</p> <p><u>Documentation</u></p> <ol style="list-style-type: none"> <li>1. Consultation report prepared by L.J. Long <li>2. Response to report by RTC Lome Coordinator of Studies <li>3. French and English versions of Training Course for Community Health Workers. 	<p>During this period efforts were focussed on the Lome RTC. The first consultation report on the potential of the center to undertake this kind of activity and expand its role as a training center was revised several times prior to review by the Coordinator of Studies. Some of the recommendations of the consultant are still under discussion and problems associated with these recommendations need to be resolved before further action can be taken. The principal issue concerns staffing in regard to training materials production. The recommendation to create a position of materials production coordinator is not deemed feasible for the present principally because of financial constraints. Alternative measures to permit the integration of the new function of preparing training materials without over burdening the center need to be examined.</p>	<p>Further discussion will be held with the Coordinator of Studies to find a possible solution to the personnel problem associated with expanding the role of the center. These solutions will be incorporated into the report and submitted to AFRO for review prior to taking further action.</p>
		<p>The center finally completed the production of the revised version of the Training Course for Community Health Workers. The French version was completed end of March and the English version was completed mid June. A total of 600 copies (400 French and 200 English of the 10 module set plus trainers guide and visual aids) were printed at the Center; an enormous job of close to 50,000 pages. This undertaking highlighted the technical, personnel and economic problems that need to be tackled in developing the materials production capacity of the training centers.</p>	<p>Efforts will continue to focus on Lome as it currently represents the most viable possibility logistically and it has the most experience in this regard having produced and printed the Training course for Community Health Workers.</p>

Subobjective	Activity	Review of six month period	Plan for second six month period
		No further analysis were undertaken regarding regional training materials needs, as the initial consultation preliminary study indicated that results were likely to prove no different than those from the preliminary survey.	
2.2	Procure equipment for the Center to facilitate materials production.	No action will be taken in this regard until the outstanding issues regarding personnel are resolved. The consultant report however, reviewed the various options for upgrading the equipment needs of the center, and this review will be used as a guide to any decisions made in this regard.	Equipment will be procured following viable resolution of personnel problems as the kind of equipment used will be dependent on the kinds of personnel available.
2.3	Training RTC staff in use of equipment.	The same consideration as raised in regard to subobj. 2.2 apply here.	The same considerations as regard subobj. 2.2 apply here.

OBJECTIVE II
CESSI Dakar and Yaoundé

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.1	Collaborate with the two CESSIs to develop the second stage of the consultative outreach program.	<p>The first stage in 1983 focussed on the developing skills to work with institutions on the formulation of Primary Health Care (PHC) programs.</p> <p>The second stage commenced January 1984. Throughout 1984 the focus will be on preparing plans for outreach consultations to the basic schools of Nursing in the countries served by the CESSIs. The plans will include means of assessing consultation needs in continuing education and curriculum reformulation and guidelines for collaboration between the CESSIs and the basic Schools of Nursing.</p> <p>SHDS staff and WHO/AFRO are working with CESSI staff in coordinating this program outreach consultation.</p>	
1.1.1	Organise and hold 3-day meeting between directors of the CESSIs to prepare terms of reference for a planning meeting for a second joint workshop for the teaching staff of the CESSIs, and directors and teachers of basic Schools of Nursing.	<p>A meeting between the two CESSI Directors - Mme. S. Missé and Mlle. M. Pellegrin, March 19-23, 1984, in Dakar.</p> <p>Terms of reference for the workshop planning meeting scheduled to take place in Abidjan were written, together with a provisional workshop program of work.</p>	

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month
<u>Documents</u>	Rapport Final de la Réunion de Planification de l'Atelier Conjoint SHDS/AFRO de Yaoundé, CESSI/Dakar du 19 au 23 mars 1984.	A report of the March meeting was distributed to those who would attend the workshop planning meeting. The meeting was scheduled for Abidjan, Ivory Coast, May 7-12, 1984.	
1.1.2	Organize the workshop planning meeting. <u>Documents</u> Rapport Final de la Réunion de Planification de l'Atelier Conjoint SHDS/AFRO de Yaoundé, Abidjan au 7 au 12 Mai, 1984.	<p>1. The workshop planning meeting was held May 7-12, 1984, Abidjan. The planning meeting was composed of the following:</p> <ol style="list-style-type: none"> 1. Mme Missé, Director, CESSI Yaoundé 2. Mlle Pellegrin, Director, CESSI Dakar 3. Mme Jato, Faculty member, CESSI Yaoundé 4. Mlle. Konde, faculty member CESSI Dakar 5. Dr. J. Ozbolt, International Consultant 6. Mr. Niang, Director, Basic School of Nursing. 7. Dr. Ferguson, SHDS Nursing Coordinator <p>Mrs. J. Samarasinghe, West African College of Nursing Coordinator for Nursing Affairs, made a courtesy visit on the opening day of the meeting. She expressed her desire for closer collaboration among anglophone and francophone nurses.</p> <p>2. Objectives accomplished in the planning meeting included the following:</p> <ol style="list-style-type: none"> a) Elaboration of the workshop program b) Approval of the final workshop plan c) Writing a final report of the meeting. <p>3. The workshop will be held July 23-28, 1984 in Yaoundé, Cameroun. Twenty participants from the two CESSIs and Basic Schools of Nursing will be invited. In addition, 1 WACN representative will be invited to attend.</p>	<p>1. A joint workshop for 21 persons as indicated in subobjective 1.1.1 will be held in Yaoundé, Cameroun, July 23-28, 1984.</p> <p>Workshop will consider determination of consultation needs, how to assess the needs, how to meet the needs, the role of the CESSIs and short and long term outreach program.</p> <p>WHO/AFRO will send out invitations to all participants. SHDS/AFRO budget will cover costs of facilitators, participants from the two CESSIs and basic Schools of Nursing and representatives from the WACN. SHDS will cover costs of international expert. WHO will cover costs of WHO PHC/Nursing expert.</p> <p>It is anticipated that the workshop will be held as scheduled.</p> <p>Following the workshop facilitators will prepare a report on the workshop for general distribution to all the schools of basic nursing. The report will include guidelines on the above and will be distributed after review by SHDS and AFRO to all the basic schools of nursing for their inputs.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
		Facilitators will include 2 CESSI Directors, 1 CESSI staff from each CESSI, 1 regional consultant, 1 international expert on outreach consultation and 1 WHO/AFRO PHC/-Nursing expert.	The response will serve as a preliminary assessment of needs for outreach consultation. The report will be distributed to SHDS, AFRO and workshop participants before the end of the second six months.
1.1.3	Prepare report on the planning meeting to include: annotated program, recommendation for participants from the CESSIs and basic Schools of Nursing, documentation, special consultant needs and budget. (SHDS budget will provide support for 10 CESSI staff including directors) 10 staff from basic Schools of nursing and one french speaking representative from the West African College of Nursing (WACN).	Facilitators at the planning meeting prepared a report which was distributed to SHDS, AFRO and planning meeting participants. The report was received by SHDS in June 1984.	Plans for this subobjective completed.
	<u>Documents</u> Rapport Final de la Réunion Planification de l'Atelier Conjoint SHDS/AFRO de Yaoundé, Abidjan, du 7 au 12 mai 1984.		
1.2	CESSI outreach consultation.	Activities subsumed under subobjective 1.2 will take place in the second six months as outlined in the 1984 Implementation.	Implementation of the following objectives are anticipated to take place in the second six month as scheduled:

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
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a. Collaborate with the two CESSIs to carry out short-term outreach consultations to two schools of basic nursing in organising continuing education workshop for the teaching staff of the schools. These consultations will be organised in two of the schools represented at the joint CESSI workshop. Preliminary discussions will be held between CESSI and the representatives of the schools at the workshop. SHDS and WHO/AFRO will assist in the arrangements to facilitate the CESSI consultations. Representatives of the basic Schools of nursing will be responsible for working with MOH officials in their countries for making official request for CESSI consultation.

b. Organise 5-day visit by CESSI staff to the two schools. Each basic school of nursing will be visited by two CESSI teaching staff to plan a 5-day continuing education workshop on PHC for the entire teaching staff. CESSI staff will identify local facilitators from among PHC personnel. SHDS/AFRO will provide travel and per diem for CESSI staff for this visit. SHDS Nursing Program field Coordinator will provide additional support.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
			<p>C. Prepare a short module for each workshop based on the theme and objectives of the continuing education workshop. Modules will include learning objectives, resource materials and evaluation, with instructions for use by facilitators and participants. CESSI staff, SHDS/AFRO will provide funds for duplication. SHDS will provide literature as needed.</p> <p>d. Conduct workshops in the two basic schools of nursing for teaching staff (10 to 15 participants per school). CESSI staff will serve as principal facilitators, and supervise local facilitators. SHDS/AFRO budget will cover travel and per diem of CESSI staff and per diem of local facilitators. MOH and Nursing School will be responsible for providing all other support costs.</p> <p>e. Prepare report on workshop for general distribution to basic schools of nursing in the region. Modules will be distributed as part of the report. CESSI and local facilitators will prepare report. SHDS/AFRO budget will cover cost of duplication and distribution. WHO/AFRO will distribute report via WPCs and WNCs.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.3	<p>Prepare one 4 page news- letter quarterly for CESSI graduates. Newsletter will deal with PHC theme(s) relevant to Nursing practice and education. Approximately 400 news- letters to be sent out.</p> <p><u>Document</u> CESSI Newsletter.</p>	<p>During the first six month period, articles for newsletters were prepared by CESSI staff. Printing facilities were investigated in Yaounde. Further action was postponed until the next semester starting in September as the CESSI staff was principally involved in preparing the joint-CESSI workshop. (See Subobjective 1.1).</p>	<p>The newsletters will be produced and distributed to CESSI graduates during the second six months.</p>
1.4	<p>Promote PHC collaboration between nurses from fran- cophone and anglophone countries in the SHDS 20 countries.</p>	<p>1. The promotion of collaboration between anglophone and francophone countries began in 1981. WACN, representing anglophone nursing, extended invitations to the two francophone CESSI directors - Mme. S. Missé and Mlle. M. Pellegrin, to attend the first Annual General meeting of the West African College of Nursing (WACN). Invitations to the WACN annual general meeting have been extended each subsequent year including the March 1984 meeting.</p> <p>In the March 1984 meeting Mlle. Pellegrin formally addressed the WACN body and thanked them for providing an opportunity for dia- logue between anglophone and francophone nurses. In response WACN President encouraged closer collaboration between the two groups.</p>	<p>1. Plans for the second six month period include the following:</p> <p>a) Visit to CESSI Dakar by SHDS Nursing Coordinator to discuss issues in nursing education and service (17-21 Sept. 1984)</p> <p>b) Visit to CESSI Yaounde early October to discuss nursing issues.</p> <p>c) Arranging a visit to WHO/AFRO in order to coordinate efforts in preparing an issues paper and to develop an agenda for the 1985 conference on anglophone and francophone collaboration.</p>

<u>Subobjective</u>	<u>Activity</u>	<u>Review of</u>	<u>Month Period</u>	<u>Plans for Second</u>	<u>Month Period</u>
1.4.1	Start planning for 1985 conference on collaboration between Francophone and Anglophone nurses by developing an issues paper and agenda for meeting.	During February and June SHDS Nursing Coordinator held discussions with WACN representative and anglophone nurses on current issues in nursing service and education issues discussed covered the current status of nursing education for PHC roles and ways. Strengthening professional ties and collaboration between Francophone and Anglophone nurses can foster participation in PHC.			
		2. SHDS visits to Cameroon and Senegal have been planned in the second six month period to discuss similar issues with the CESSIs. Data collected will be the basis for developing an issues paper prepared by the SHDS Nursing Program Coordinator and a regional consultant identified by WHO/AFRO.			
		3. The timetable for scheduling a visit to WHO/AFRO to collaborate on subobjective 1.4 necessitated revision. Scheduling the activity will occur in the second six month period.			
2.1	Collaborate with CESSI/Dakar to plan a comprehensive evaluation of the reformulated curriculum, installed in 1985.	1. The only activity which occurred under this objective was the identification of evaluation consultant, J. Ozbolt, to collaborate with CESSI Dakar staff to develop instruments and an operational plan to conduct an evaluation in the future.		Plans for the second six months are the following: a) Determine dates the consultant will be available; b) the consultant will help develop methodology for evaluation. Consultant will collaborate with CESSI staff to develop evaluation instruments and an operational plan to conduct evaluation in 1985	

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
2.2	<p>Collaborate with CESSIs to develop PHC field practice sites for students in 5 Semester.</p> <p><u>Documentation</u></p> <p>Reports of visits by 2 CESSI/Dakar staff to Niger and Burkina Faso (ex Upper Volta) to identify PHC field practice sites.</p>	<p>1. This program activity got underway in March. Two CESSI staff members made to Niger and Burkina Faso to identify field practice for nationals who are currently studying in CESSI/D, in order to provide six weeks of practical experience in PHC delivery, and to facilitate the integration of nationals in local PHC program development on return to their countries. PHC sites were visited and recommendation made placing and supervising students during the practice period. Four students will be sent to these sites in the October-December semester.</p> <p>2. CESSI/Yaounde is making arrangements to send it students to a local site 300 km from Yaounde where a PHC Training site has been established in collaboration with WHO.</p>	<p>This activity should proceed as planned. AFRO will raise travel authorizations for students and supervisory faculty in September. CESSI staff will be responsible for the overall organization implementation, and evaluation of this activity. It is to be noted in this regard that the experience gained in this program gives the CESSI staff first hand contact with a wide variety of PHC activities, and this enhances staff competence to implement the oriented curriculum reformulated in the 1980 - 1982 period.</p>

Progress Report
January-June 1984

OBJECTIVE II
Anglephone Nursing

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.1	Collaborate with the West African College of Nursing (WACN) and basic Schools of Nursing in the second stage of planning a regional Continuing Education program for basic School of Nursing graduates.	<p>1. WACN/SHDS planning for a regional system of continuing education programs for basic nursing school graduates was initiated in November and December under the 1983 implementation plan. A draft of a technical document on WACN's organizational structure and functions was produced. Identification of a body within WACN responsible for continuing education programs was determined and their functions delineated. This body, represented by the five member countries - The Gambia, Ghana, Liberia, Sierra Leone and Nigeria, will serve as the expert continuing education committee for WACN/SHDS activities. Current Committee members are the following:</p>	<p>1. In the second six months the WACN Continuing Education Committee will present the draft proposal on a WACN Regional System of Continuing Education to WACN National Chapters and Chief Nursing Officers for discussion and comment. A final draft proposal, incorporating inputs from WACN, Schools of Nursing and Chief Nursing Officers will be written and presented to the WACN governing council at an extraordinary meeting toward the end of 1984 or at the 1985 WACN annual general meeting.</p>
	<u>Documentation</u>		
	1. Technical Report: Structure and Functions of WACN Continuing Education Committee, November/December 1983.	<p>Olga Roberts, Gambia School of Nursing, The Gambia; Alice Akita, University of Ghana Nursing Program, Ghana; Elizabeth Mulbah, Cuttington University College Nursing Program, Liberia; Olufemi Kujore, University of Ife Nursing Program, Nigeria; Nadia Osborne, National School of Nursing Program, Sierra Leone.</p>	<p>The proposal is envisaged by WACN to serve as a point of departure for seeking funding for WACN continuing education programs.</p>
		<p>2. As a result of the first WACN/SHDS meeting 30 November - 3 December 1983, Monrovia, Liberia, SHDS Nursing Coordinator and WACN Coordinator for Nursing Affairs (CNA) were delegated the task of writing a proposal on a regional WACN system of continuing education.</p>	

SubobjectiveActivityReview of Six Month PeriodPlans for Second Six Month Period

An outline of the proposal was submitted to Mrs. Merle Haick, continuing education consultant, University of Iowa, who discussed regional programming issues with WACN CNA, and SHDS Nursing Coordinator during her March 26 - April 3, 1984 consultation visit in Abidjan.

SHDS Nursing Coordinator in collaboration with WACN CNA completed a draft of the proposal June 12, 1984 and distributed it to the WACN Steering Committee and the WACN Continuing Education Committee for review and additional WACN input. These inputs will be incorporated in the final draft of the proposal during the second half of 1984.

3. A second outcome of the meeting was setting a date for school of nursing representatives and WACN to plan a program of continuing education for 1984-85. The first meeting was scheduled for February 1984, Lagos, Nigeria.

A provisional agenda and annotated program of work was prepared by SHDS Nursing Coordinator and her WACN counterpart, Mrs. J. Samarasinghe, CNA. Four days before the scheduled meeting was to occur WHO/AFRO sent a communique to WHO WPCs/NPCs and the WACN Regional office, Lagos, that travel authorizations and per diem would not be forthcoming. The decision was made to postpone the meeting. However, communication did not reach nursing school representatives in time to allow some to cancel their travel plans.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
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Three of the five representatives arrived in Lagos February 11 and 12, 1984. The meeting was rescheduled for March 11-15, 1984, immediately following the WACN annual general meeting in Freetown.

1.1.1 Organize and hold a five day meeting with WACN and nursing school representatives to plan a program of continuing education for 1984-85.

Documentation

Correspondence between WACN and SHDS.

1. A four day planning meeting with school of nursing representatives and WACN was held 11-15 March 1984, Freetown. A WACN plan of action for a regional continuing education program, and a first draft outline of two workshop programs were drawn up. Participants in the meeting were O. Olga Roberts (The Gambia), N. Osborne (Sierra Leone), O. Madabuku, Proxy Kujore (Nigeria), J. Samarasinghe (WACN CNA), C. Ferguson (SHDS).

1.1.2 Prepare a report on the meeting to be distributed to WACN, WHO, and basic schools of nursing.

Documentation

1. Report of a Planning Meeting on Continuing Education Program, Freetown, 11-15 March 1984.

2. Correspondence between SHDS and WACN, WHO/AFRO and WACN; WACN and planning meeting participants in WACN member countries, February 1984.

1. A report of the meeting was prepared and distributed to WACN regional officers (who are also the WACN Steering Committee) and basic schools of nursing in The Gambia, Ghana, Liberia, Nigeria and Sierra Leone, April 1984. Since the meeting was held after the WACN annual general meeting, the report was submitted to WACN officers (Steering Committee) for review and approval. The document will be used provisionally, as a WACN technical paper until it is submitted to WACN Governing Council at the March 1985 Annual General Meeting. The five day planning meeting to plan the inter-country workshop was also rescheduled for 30 April - 5 May 1984.

This activity was completed during the first six months of 1984. The report will be presented to WACN Council March 1985 for adoption as a WACN Technical document.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.1.4	<p>Hold a five day planning meeting between basic schools of nursing, WACN and WHO to plan the first WACN/SHDS inter-country workshop</p>	<p>1. The five-day planning meeting was held in Abidjan 30 April - 5 May 1984 between WACN and School of Nursing representatives and two WHO/AFRO consultants. Workshop planning included drafting workshop annotated programs of work, determining the type of participants, selecting facilitators determining the workshop site and budget. It was decided that SHDS Nursing Coordinator would work with the Sierra-Leone WACN workshop committee in two follow-up planning meetings scheduled September 1984.</p>	<p>1. The second six month period will involve completion of the technical planning for the workshop.</p>
	<p><u>Documentation</u></p>		<p>WACN has delegated primary responsibility for management of the workshop to the Sierra Leonean WACN Planning Committee. The SHDS Nursing Coordinator will participate in planning meeting in Freetown September 4-7 and 22-27.</p>
	<p>1. Report of Workshop Planning Meeting 30 April - 5 May 1984, Abidjan.</p>		
1.1.5	<p>Prepare a report on the planning meeting. Include annotated program of work, facilitators, participants, budget, site, dates of workshop, and responsibilities.</p>	<p>By June 9, 1984 workshop report was forwarded to WHO/AFRO. By the end of June WHO/AFRO had responded and requested that WACN/SHDS extend workshop invitations to WACN member state. WACN plans to extend invitations.</p>	<p>WACN in collaboration with WHO will send invitations to all participating countries no later than August 15, 1984.</p>
	<p><u>Documentation</u></p>		<p>SHDS/AFRO budget will cover the cost of facilitators, direct meeting costs and participants. Facilitators will include WACN and schools of nursing personnel who have been planners of facilitators in past SHDS Project continuing education activities.</p>
	<p>(See documentation under 1.1.4)</p>		<p>The two week workshop is scheduled to be held in Freetown 22 October - 3 November 1984 for 20 persons, 4 each from the Gambia, Ghana, Liberia, Nigeria and Sierra Leone. No change in schedule is anticipated. A report will be written following the workshop and distributed by December 1984.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.2	<p>Promote PHC collaboration between nurses from francophone and anglophone countries in the SHDS 20 countries.</p> <p><u>Documentation</u></p> <p>1. Report of the 1984 WACN Annual General Meeting, 5-9 March 1984 Freetown.</p>	<p>1. The promotion of collaboration between anglophone and francophone countries began in 1981. WACN, representing anglophone nursing, extended invitations to the two francophone CESSI directors - Mme S. Missé and Mlle. M. Pellegrin, to attend the first annual general meeting of the West African College of Nursing (WACN). Invitations to the WACN annual general meetings have been extended each subsequent year including the March 1984 meeting.</p> <p>In the March 1984 meetings, Mlle. Pellegrin formally addressed the WACN body and thanked them for providing an opportunity for dialogue between anglophone and francophone nurses. In response, WACN President encouraged closer collaboration between the two groups.</p>	<p>1. Plans for the second six month period include the following:</p> <p>a) Visit to CESSI Dakar by SHDS Nursing Coordinator to discuss issues in nursing education and service, (17-21 September 1984)</p> <p>b) Visit to CESSI Yaoundé early October to discuss nursing issues.</p> <p>c) Arranging a visit to WHO/AFRO in order to coordinate efforts in preparing an issues paper and to develop an agenda for the 1985 conference on anglophone francophone collaboration.</p> <p>A conference planning meeting between representatives from CESSI, WACN, SHDS and WHO/AFRO is likely to be rescheduled.</p>
1.2.1	<p>Start planning for 1985 conference on collaboration between Francophone and Anglophone nurses by developing an issues paper and agenda for meeting.</p>	<p>1. During February and June, SHDS Nursing Coordinator held discussions with WACN representatives and anglophone nurses on current issues in nursing service and education. Issues discussed covered the current status of nursing education for preparing nurses for PHC roles and ways of strengthening professional ties and collaboration between Francophone and Anglophone nurses.</p> <p>2. SHDS visits to Cameroon and Senegal and WHO Brazzaville have been planned in the second six month period to discuss similar issues with francophone nurses. Data collected will be the basis for developing an issues paper prepared by the SHDS Nursing Program Coordinator and a regional consultant identified by WHO/AFRO.</p>	

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.2.2	Invite one representative from each CESSI to attend WACN Annual General Meeting, and workshop on curriculum development for continuing education in PHC.	<p>1. WACN Annual General Meetings Two CESSI representatives were invited and one, Mlle. Pellegrin, was able to attend.</p> <p>2. Curriculum development workshop. This activity is scheduled for the second Six Month SHDS Implementation Plan period.</p>	1. WACN will be responsible for inviting one representative of each CESSI to the Curriculum Development Workshop no later than August 1984.
2.1	<p>Carry out comprehensive evaluation of Cuttington University College (CUC) post-basic nursing education program</p> <p><u>Documentation</u></p> <p>1. Report of CUC Follow-up Survey of 1980-82 Post-Basic Nursing Graduates May 1984</p> <p>2. Comprehensive Evaluation of CUC Post-Basic Nursing Program, May 1984</p>	<p>1. Preliminary to the comprehensive evaluating of the CUC post-basic nursing program, data were collected November 1983 in a follow-up study of 1980-82 CUC post-basic nursing graduates.</p> <p>Based on the pilot test of the follow-up study instrument and a faculty development workshop on evaluation, held December 1983 at CUC evaluation instruments were drafted.</p>	<p>1. SHDS Nursing Coordinator, WHO/AFRO Consultants and CUC Faculty will complete revision of evaluation instruments by mid November 1984. A follow-up of 1983 graduates is scheduled late November.</p> <p>The August-November schedule was revised due to heavy teaching schedules and disruption of the academic calendar due to temporary closure of the college in 1983. The college has been plagued with this problem each year since 1980. Therefore time-tables for accomplishing SHDS implementation objectives will continue to be provisional as long as the college's academic schedules are unstable. That the initial comprehensive evaluation was completed at all represents a remarkable achievement by the faculty.</p>
2.1.1	Revise the follow-up study questionnaire.	1. Revision of the follow-up study questionnaire was postponed until the second 1984 implementation plan period	1. Revision of the follow-up questionnaire is scheduled to be completed by mid-November.

Subobjective	Activity	Review of Six Month Period	Please for Second Six Month Period
2.1.2	Verify the existence of evaluation data sources and assemble CUC documents (course objectives, outlines, clinical schedules, patient encounter forms).	<p>1. January-April 1984 faculty verified the existence of evaluation data sources and assembled available CUC documents by early May.</p> <p>May 1984 the evaluation study was conducted by Dr. D. Skiba, Boston University Consultant; Mrs. A. Akita, WACN Consultant; Dr. C. Ferguson, SHDS Nursing Coordinator, in collaboration with CUC faculty and two WHO/AFRO teaching consultants.</p> <p>Despite delayed opening of CUC with attendance rescheduling of teaching activities, CUC faculty and WHO/AFRO teaching consultants exerted great effort to accomplish the task.</p>	
2.1.3	<p>Collect baseline data (student admission data/baseline questionnaire, resources survey, clinical performance data).</p> <p><u>Documentation</u></p> <p>1. Report of the evaluation study 1980-82 CUC Post-basic Nursing Graduates, May 1984</p>	<p>1. These data were collected May 17-31, 1984 by Dr. D. Skiba and Mrs. A. Akita. A preliminary report on the analysis and interpretation of the data was distributed to the faculty for review and amendment in early June 1984. By the end of June, faculty comments had not yet been received by the evaluation team.</p>	<p>1; Based on evaluation instruments piloted in the first half of the year plans are to:</p> <p>a) follow-up 1983 post-basic graduates and do clinical site interviews with employers of the post-basic graduates.</p> <p>b) Analyze and interpret evaluation data.</p> <p>c) Prepare and distribute the evaluation report.</p> <p>Faculty workload coupled with the recent political unrest seems likely to impede plans to repeat the evaluation within the time specified in the second six month period.</p> <p>2. First draft of an Evaluation protocol for basic schools of nursing in the WACN region will be completed by December 1984. The draft protocol will be revised during the first six month period in 1985.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
2.3	Test and evaluate the curriculum reformulation process used at CUC in basic schools of nursing.	<p>1. During January-December 1983 the curriculum reformulation process used at CUC was tested and evaluated at TNIMA, the first of the basic schools of nursing in the region.</p> <p>2. The Principal of the Gambia School of Nursing requested SHDS assistance November 1983. While preliminary discussions have been held with WACN and the School of Nursing principal, substantive plans to with the Gambia in collaboration with WACN are scheduled to occur in the second half of 1984.</p>	<p>1. Specific dates for consultant visits will be discussed with the Gambia School of Nursing principal.</p> <p>2. If suitable dates can be found WHO AFRO - CUC consultants will make visits to The Gambia to review the</p>
2.3.1	<p>Prepare a report on results of the use of the curriculum reformulation process at TNIMA carried out during 1983</p> <p><u>Documentation</u></p> <p>1. Report on Curriculum Reformulation at TNIMA, May 1984</p> <p>2. Consultants report on the TNIMA curriculum, May 1984</p>	<p>1. During January-December 1983, the curricula of the basic nursing program, the midwifery program and the licensed practical nursing program were reformulated using the CUC curriculum reformulation process.</p> <p>2. A curriculum consultant was procured to review the completed basic nursing courses. Minor changes in the curriculum could, therefore be made before its scheduled date of implementation. TNIMA's objective is to present the curriculum as a prototype for Liberian basic schools of nursing.</p> <p>3. May 14-31, 1984 the SHDS Nursing Coordinator in collaboration with Mrs. E. George prepared a report on the results of the curriculum reformulation process which was distributed to faculty and the Ministry of Health of Liberia.</p>	<p>1. The activity for this subobjective has been accomplished. However, since TNIMA has been closed for more than 5 months the faculty has more free time to devote to developing lesson plans for courses.</p> <p>Mrs. George, Director of Nursing has requested technical assistance from SHDS to develop lesson plans which would serve as a basis for developing teaching materials, specific for Liberia and the West African region.</p> <p>Developing lesson plans for two courses Medical-Surgical Nursing and Community Health Nursing, will constitute activities for the second six months.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
2.3.2	<p>Make arrangements to collaborate with the National School of Nursing in Sierra Leone on curriculum reformulation to integrate PHC during 1984. This will be a follow-up to the 1982 ten-week course on curriculum development in PHC for basic nursing schools.</p>	<p>4. May 18-31, 1984 Dr. J. Sullivan, Consultant from Boston University reviewed the basic nursing curriculum and suggested before its scheduled implementation date January 1985. Dr. Sullivan prepared a report of her consultation visit which was mailed to TNIMA Faculty, and Administration mid-June 1984.</p> <p>5. It should be noted that TNIMA has been closed throughout the first half of 1984 because of closure of J.F.K Medical Center Complex by the Liberian Government. TNIMA Director of Nursing, Mrs. George, will notify SHDS Nursing Coordinator when it reopens.</p> <p>1. National School of Nursing in Sierra Leone continued with curriculum reformulation activities to integrate PHC in the nursing curriculum during 1983. November 1983 SHDS Nursing Coordinator was informed that a new principal would administer the school beginning January 1984. It was suggested that SHDS postpone activity 2.3.2 to allow time for the principal's orientation to the new job.</p> <p>2. Preliminary formal discussion have not been held during the January-June 1984 period.</p>	<p>1. Discussions will be held with the Nursing School Principal during a SHDS Nursing Coordination visit scheduled september 3-7, 1984, in Freetown. A positive response is anticipated because of the rapport established between the Principal and SHDS while working on WACN related activities. (The Principal is a member of the WACN Continuing Education Committee and Chairperson of the curriculum workshop planning committee).</p> <p>2. The plan of action will include plans to hold a two-day planning meeting with the faculty to assess the current status of curriculum reformulation activities and determine what additional technical inputs are needed.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
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2.3.3	<p>Hold a two-day meeting to plan curriculum development activities with the staff of the nursing school. The plan will include a review of the curriculum development process, national school of nursing priorities, roles and responsibilities, and a plan of work.</p>	<ol style="list-style-type: none"> <li>1. No meetings were held with staff of school of nursing during January-June 1984 period. <li>2. April 1984 discussions were held with SHDS/AFRO consultants, W. Kezala and J. Adamu, regarding their teaching schedules at CUC. They will be utilized as curriculum consultants, pending further discussion with basic school of nursing in the second half of 1984. 	
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Progress Report
January-June 1984

OBJECTIVE III

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.1	Conduct second annual six-week field epidemiology course at OCEAC.	<p>All activities scheduled for January-June 1984 were completed. The date for the second course was set in early January 1984 as October 1 - November 9, 1984, with the facilitators' meeting to be held September 24-30. A list and time frame for various course administrative and logistical tasks was developed, in collaboration with OCEAC and WHO/AFRO, in April 1984. SHDS has engaged Dr. Alain Roisin, the Director of the first annual course, to again serve as Course Director. OCEAC has nominated Dr. Roger Josseran, Head of the Training and Documentation Center at OCEAC, to serve as full-time course Co-Director. It has been agreed that Dr. Josseran will serve as Course Director in 1985 and thereafter. OCEAC nominated three course facilitators, one of which served as course co-facilitator in 1983 and two of which were outstanding participants at last year's course. WHO/AFRO is proceeding to engage these facilitators. SHDS, in collaboration with WHO/AFRO, selected three co-facilitators from West Africa. Individuals selected come from Ivory Coast, Niger and Mauritania. 13 participants from the six Central African OCEAC states have been selected. OCEAC has been actively involved in promoting this course to the Ministries of Health of its member states. The course has been received with much enthusiasm.</p>	<p>course facilitators will assemble in Yaoundé, Cameroun on September 24, 1984 to review course objectives, content and teaching approaches, and the course will be held October 1 - November 9.</p>
	<u>Documentation</u>		
	1. "Tâches Administratives et Logistiques Pour le Deuxième Cours d'Epidémiologie OCEAC/SHDS/AFRO"		
	2. Correspondence among SHDS, AFRO, OCEAC and REDSO.		

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
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A special request for multiple copies of the final report for the 1983 course made by the new Secretary General of OCEAC, Dr. Daniel Kouka-Bemba, to be sent to the member states, was filled on June 27.

- 1.2 Revise course materials based on guidelines prepared by course facilitators following the 1983 course.
- Documentation
 1. Cours Intensif d'Epidémiologie Appliquée revised June, 1984.
2. Report on Dr. Brownlee's SHDS Objective III Assignment in Lomé, Togo June 11-16, 1984.
3. Cours Intensif d'Epidémiologie Appliquée : Commentaires et Suggestions by Dr. A.M. d'Almeida, Lome, Togo, June 11-16, 1984.
4. Correspondence among SHDS, OCEAC, WHO/AFRO and REDSO.

All activities scheduled for January-June 1984 were completed. On the basis of the recommendations made by course facilitators and participants, the course materials were extensively revised during the period May 21 to June 15 by a team composed of the 1983 course Director, Dr. Alain Roisin, the SHDS Assistant Director, M^{re}. Jean Shaikh, the Head of the OCEAC Training and Documentation Center, Dr. Roger Jossieran, and of two SHDS pedagogical consultants, Drs. Ann Brownlee and A.M. d'Almeida. The following are the most significant changes made to the course text:

1. A section describing the text and its uses has been added.
2. The Introduction to the text has been revised to focus on the epidemiologic tasks likely to be performed by course participants and to illustrate ways in which the epidemiologic method can be used to complete these tasks.
3. Introduction and conclusion sections have been added to each chapter. In these sections the epidemiologic tools and techniques presented in the text have been addressed in terms of: a) the process of reasoning leading to their development;

The text will be revised again following the 1984 course. Revisions will be carried out by a team composed of 1984 course facilitators and co-facilitators during the week of November 10. Major changes will include:

1. On the basis of an analysis of the epidemiological tasks for which participants either have or should have responsibility (to be performed at the beginning of the course) the text will be reorganized so as to present course content in a logical manner that makes apparent the relevance of the course material from the beginning of the course.
2. Additional case studies and exercises will be prepared.
3. A final chapter entitled "Epidemiological Tasks and Their Practical Aspects: Developing a Plan of Action" will be drafted. A final, more thorough, editing of the text will be done after revision to perfect the French and the general clarity of presentation.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.3	Follow-up 1983 course trainees with respect to progress on individual projects developed during 1983 course.	<p>b) the data needed to use them; and c) their utility in day-to-day epidemiologic work.</p> <p>4. Chapter II: <u>Analytic Epidemiology</u> has been completely rewritten. An Introduction to Statistical Methods has been added. The "modules" of this chapter have been rewritten to focus on more frequently used statistical tests and to remove detailed explanations of less frequently used tests.</p> <p>5. Answers to exercises have been removed from the text.</p> <p>6. The format of the text has been standardized.</p> <p>7. Case studies have been added to the text.</p> <p>8. The text has been edited to improve the clarity of exposition.</p>	<p>The text has been assessed by our pedagogical experts as representing with appropriate revision, a valuable teaching tool which could be used by many groups and teaching institutions in francophone Africa since no really useful teaching text in epidemiology now available in French and since, with revision, the course will address many practical aspects of tasks typically undertaken by those practicing epidemiology in the African context. They highly commend and encourage our efforts to revise the text as the results of the work will have widespread utility</p> <p>The "newsletter" summarizing participants' projects will be distributed to participants, OCEAC, Ministries of Health of the OCEAC member states and to other interested organizations and individuals.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
<u>Documentation</u>	<ol style="list-style-type: none"> 1. Draft and final project protocols developed by 1983 course participants. 2. Consultant Report of Dr. Alain Roisin, 28 March - 25 May 1984. 3. "Newsletter" summarizing participants projects. 4. Correspondence among SHDS, AFRO, OCEAC, REDSO and USAID Missions. 	<p>Dr. Alain Roisin, the 1983 Course Director and Ms. Jean Shaikh, SHDS Project Assistant Director, corresponded with each participant in January and February 1984 to provide documentation relating to their chosen topics and to schedule field visits to assist participants in finalizing project protocols and in planning for the implementation of their projects. Draft protocols were received from 5 participants between January and April. One participant a Chadian, was unable to prepare a protocol since he did not rejoin his post after returning from the 1983 course. Dr. Roisin visited 10 participants in Cameroun, Central African Republic, Congo and Gabon between April 14 and May 25, 1984. He was accompanied on various visits by Dr. Roger Josseran (Cameroun, Gabon), Dr. Pascal Talani (Congo) and Ms. Jean Shaikh (Gabon). Each participant was assisted in developing a final protocol. Participants' supervisors were briefed at the beginning and end of each visits. Upon his return from Central Africa, Dr. Roisin with the assistance of Ms. Shaikh, prepared a brief "Newsletter" summarizing the results of the field visits and the participants' projects.</p>	<p>1983 course participants have been requested to send status reports on their projects to SHDS in September 1984. By this time, many participants should have completed their data collection activities and be beginning the analysis of their data. Many of the 1983 participants have been invited to attend the XVth OCEAC Technical Conference to be held November 19-22. Drs. Roisin, Josseran and Talani will also attend the conference and will provide technical assistance to the 1983 course participants during the conference period. Participants not attending conference will be visited in early 1985.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.4	Collaborate with one or two training institutions in adapting 6-week epidemiology course to their program needs.	Activity not scheduled to begin until November 1984. Three representatives of West African training institutions were nominated to serve as co-facilitators for the 1984 course.	During the course in October-November discussions will be held with the three co-facilitators regarding adaptations required for use of the documents in their institutions' training programs. Follow-up discussions will continue throughout 1984, and required revisions, if any, will begin in early 1985.
	<u>Documentation</u> 1. Correspondence among SHDS, AFRO, INSP, OCCGE, Oncho Program.		
1.5	Collaborate with OCCGE in training African health professionals as regional medical epidemiologists.	This activity was originally to be carried out in 1983. However, OCCGE did not designate a trainee in early 1983 as agreed. Therefore, the training program was not carried out in 1983, and was rescheduled to 1984.	None planned.
	<u>Documentation</u> 1. Correspondence among SHDS, OCCGE, AFRO and REDSO.	In early 1984 SHDS was informed by OCCGE that no trainee would be designated in 1984, and this activity was cancelled and funds rebudgeted.	

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
2.1	Collaborate with WHO/AFRO and the Ivory Coast Ministry of Health to develop an EDT zone and to initiate a training program in basic field epidemiology therein.	The framework for developing this program was prepared in late 1983. Detailed planning necessary to begin program activities was scheduled for the period January to June 1984. Due to many changes in personnel of the Ministry of Health and in Ivory Coast health policies, however, it has been impossible to obtain clear-cut approval to proceed with the development of a detailed plan for consideration by the Ministry of Health. As a result SHDS HIS consultants who were in Abidjan in March and, again, in June to work with SHDS staff were unable to begin the development of activities under this subobjective. In addition, electronic data processing equipment was purchased for use in this program, and is available for training and HIS development purposes. Visits were made to the new Ivory Coast Minister of Health by Drs. French, Shepperd, and Atayi in June 1984 and by Mr. Bond and Drs. French, Shepperd and Atayi in July 1984. One of the purposes of these meetings was to obtain approval for the continued development of this program. The Minister indicated his agreement that work on the program should continue.	An official letter approving the continued development of this program is required from the Minister of Health before further activities can be undertaken. Such a letter was requested on July 23. If the letter is received in a timely fashion, SHDS HIS consultants will visit the Ivory Coast before November 1984 to begin detailed planning for the program and to prepare a report for presentation to the SHDS PCC in November 1984.
2.2	Identify an anglophone country for EDT zone development.	Activity scheduled for July 1984.	Preliminary discussions will be held with AFRO in October 1984.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
2.3	Adopt epidemiological training program used in the anglophone country selected.	Activity scheduled to begin August 1984.	Due to delay in developing the Ivory Coast training program, it is unlikely that this activity will begin in 1984.
2.4	Review EDT zone training program activities.	Activity scheduled for November 1984.	Due to delay in developing the Ivory Coast training program, this activity will be rescheduled to 1985.
3	<p>Collaborate with the MOH of Sierra Leone to introduce efficient data processing techniques as a management tool of PHC.</p> <p><u>Documentation</u></p> <p>1. Technical Reports on the Sierra Leone model country program March 1984 May 1984</p> <p>2. Correspondence among SHDS, MOH, Sierra Leone, AFRO, REDSO.</p>	<p>All activities scheduled for January-June 1984 were completed. A team of SHDS staff and consultants visited Sierra Leone in February 1984 to begin the detailed design of this program per the framework developed in November and approved by the PCC in December 1983. A draft design document was prepared in early March 1984 and was presented to representatives of the MOH, WHO and USAID in Sierra Leone for review and discussion prior to its finalization. Per the final design document, computer equipment and supplies were purchased in April 1984 and transported to Abidjan in May and June. The team of consultants returned to Abidjan in June to test the hardware and software in preparation for their transport to Sierra Leone.</p>	<p>The team of SHDS staff and consultants returned to Sierra Leone from July 31 - August 21, 1984 to begin program implementation, including installing micro-computer equipment and training of MOH personnel in its use. Activities under this subobjective will continue throughout 1984 and 1985, and a review of 1984 activities will be presented to the PCC in November 1984 as scheduled.</p>

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
4.1	Organize the third annual disease surveillance conference (anglophone).	All activities scheduled for January-June 1984 were completed. The conference was held in Freetown, Sierra Leone, February 27-March 2, 1984 with 31 attendees from the 5 anglophone countries in the SHDS region (The Gambia, Ghana, Liberia, Nigeria and Sierra Leone) and from the Ivory Coast, Kenya, Somalia and the U.S. The conference theme was "Practical Organization of Health Services for Disease Surveillance." The conference goals were:	The complete conference proceedings (two volumes) will be distributed to all attendees, representatives of AFRO, REDSO, the MOH, WHO and USAID Sierra Leone, and to other interested organizations and individuals.
	<u>Documentation</u>		
	1. Report: Disease Surveillance Conference Freetown, 27 February - 2 March 1984 Volume I Volume II	1. To emphasize the importance of disease surveillance in planning at local and national levels.	
	2. Correspondence among SHDS, AFRO, REDSO, MOH, WHO, USAID Sierra Leone and representatives of attendees' countries of origin.	2. To emphasize practical and appropriate methods to achieve surveillance.	
		3. To share experiences with surveillance activities in a workshop setting.	
		4. To provide hands-on microcomputer experience using surveillance program teaching tools.	
		5. To identify means of achieving epidemiologic surveillance goals with limited resources.	
		There were 17 presentations made by conference attendees, as well as micro-computer workshops and a day-long field visit to the Bombali District PHC Project. An evaluation of the conference by attendees indicated that most of the goals have been met, that the presentations were useful and that there was valuable interchange.	

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
		<p>The final report of the conference was drafted during the conference and was reviewed and amended by attendees. A complete conference proceedings, containing all papers presented as well as speeches made at the opening and closing ceremonies was prepared in May and June 1984.</p>	
4.2	<p>Organize the fourth annual disease surveillance conference (to be held in 1985).</p>	<p>Planning activities scheduled for May and June 1984 were rescheduled to July 1984 to coincide with a visit to WHO/AFRO by Ms. Jean Shaikh, SHDS Project Assistant Director.</p>	<p>Possible sites, dates and themes for the conference were discussed with WHO/AFRO in early July. The Regional Director approved the theme: "Development of Epidemiological Surveillance and Control of Communicable Disease Activities in the Context of the Strategy of Health for all by 2000". WHO/AFRO recommended that the conference be held in November 1985 and that Brazzaville be considered as the conference site due to the ease with which logistics can be arranged there. It was also suggested that the conference be bilingual and Africa-wide, with SHDS supporting participants from its 20 country region and AFRO supporting participants from the rest of Africa. Given the likely postponement of the conference from the early to late 1985 activities scheduled for May-December 1984 will likely be rescheduled for November 1984 - June 1985. The conference program will be developed by December 1984.</p>

Progr Report
January-June 1984

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.1.1	<p>Conduct an Applied Research workshop in Mali.</p> <p><u>Documentation</u></p> <p>1. "Rapport du séminaire-atelier 'Comment intégrer la recherche appliquée dans le processus des prises de décision'", Bamako, January 10-12, 1984.</p> <p>2. "Rapport du cours de recherche sur les services de santé: 'Comment élaborer des projets de recherches axés sur les problèmes de santé prioritaires.'" Sélingué, January 13-25, 1984.</p> <p>3. Correspondence among SHDS, AFRO, REDSO, and WHO and USAID, Mali.</p>	<p>All activities scheduled for January-June 1984 were completed. The course was held in Selingué, Mali January 13-25, 1984 for 26 participants from the Institut National de Recherche en Santé Publique (INRSP), the Ministry of Public Health and the School of Medecine and Pharmacy. The course was preceeded by a three-day A.R. orientation session (January 10-12) held in Bamako and attended by 29 Malian decision-makers. The course was very well attended and, in the opinion of one of the SHDS consultant-facilitators, was the most successful applied research course held to date. A total of nine applied research proposals was submitted for SHDS funding by researchers who attended the course. Follow-up visits to Bamako to assist the INRSP in further developing its program in applied research and to follow-up on the research proposals submitted to SHDS were made in March and June 1984.</p>	None scheduled.
1.1.2	<p>Plan and conduct one additional applied research workshop in an anglophone country.</p> <p><u>Documentation</u></p> <p>1. Correspondence among SHDS, REDSO and AFRO.</p>	Activity cancelled due to budgetary constraints.	Preliminary discussions to schedule a 1985 anglophone workshop will take place in September-December 1984.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
1.1.3	Assist one or more training institutions to integrate applied research training into their curricula.	Activity cancelled due to budgetary constraints.	Preliminary discussions to determine interest of one or two training institutions in this activity for 1985 will take place in September - December 1984.
	<u>Documentation</u> 1. Correspondence among SHDS, REDSO and AFRO.		
1.2	Collaborate with WHO/AFRO in developing one of the WHO/AFRO National Centers for Applied Research (INSP, Abidjan).	Preliminary planning for an applied research training of trainers workshop to be held in Abidjan for 20 participants from INSP, the Institut d'Hygiène, the MOH and the Schools of Medicine, Pharmacy and Nursing, was completed. The workshop was tentatively scheduled for October 15 - November 1, 1984. Six facilitators, including two SHDS consultants and two representatives from INRSP, Bamako, were contacted and engaged.	It is hoped that the workshop will be held October 15 - November 1, as scheduled. However, it will not be possible to begin detailed workshop planning in collaboration with INSP until an official letter approving this activity is received from the Minister of Health (see explanation) of steps taken to obtain this approval given in the sections of this report for Objective III, Subobjective 3).
	<u>Documentation</u> 1. Outline for INSP Abidjan Applied Research workshop Abidjan, March 1984. 2. Correspondence among SHDS, INSP, REDSO, AFRO and MOH, Ivory Coast.		
1.3.1	Begin modification of the format and content of the SHDS Health Services Research course document.	Modifications to format the SHDS Applied Research Course materials was completed in February 1984 in preparation for the second printing of the document.	None scheduled.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
	<u>Documentation</u>		
	1. <u>Health Services Research Courses: How to Develop Proposals and Design Research to Solve Priority Health Problems SHDS, 1984</u>		
	2. Correspondence between SHDS and REDSO.		
1.3.2	Develop A.R. training materials for decision-makers and senior facilitators.	Activity was cancelled due to budgetary constraints.	None scheduled.
	<u>Documentation</u>		
	1. Correspondence among SHDS, REDSO and AFRO.		
2.1	Continue distribution of the WHO/AFRO-SHDS A.R. guidelines and packet of materials concerning the research funds available under the project.	Guidelines and other informational materials distributed as requested.	Materials will be distributed as requested throughout 1984, and at the SHDS/AFRO Applied Research Conference to be held December 3-7, 1984.
	<u>Documentation</u>		
	1. Correspondence between SHDS and researchers from the 20 country region.		

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
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2.2 Offer technical support and supervision for A.R. projects already underway.

Documentation

1. First-year reports of the project "Etudes Epidémiologiques et Contrôle de la Dracunculose en Zone de Savane Humide (Région de Banfora, Haute Volta: Vol. I: Etudes du Vecteur Vol. II: Etudes Cliniques Vol. III: Les Conséquences Socio-Economiques de la Dracunculose
Dr. T.R. Guiguembde.

2. Report of the project "Analyse Coût-Efficacité du Programme Elargi de Vaccination de la République de Côte d'Ivoire
Mr. Sanoh Layes.

3. Correspondence among SHDS, Dr. T.R. Guiguembde, REDSO, AFRO and individuals from interested organizations.

Technical support was provided for two of the three research projects funded by the SHDS Project:

1. The Project entitled "Control of Dracunculosis in Upper Volta, Phase I" by Dr. T.R. Guiguembde was completed in late 1983 and a final report, in three parts, was submitted in early January 1984. The report was translated into English and was sent to REDSO and AFRO in May. Copies were also distributed for review by Boston University researchers and by experts in other organizations (CDC, NAMRU-3). Plans for publishing journal articles based on this research were made with Dr. Guiguembde during the visit to Bobo-Dioulasso by Ms. Jean Shaikh April 23-26. Follow-up actions were taken in May and June 1984.

2. The project entitled "Cost Effectiveness of E.P.I. in the Ivory Coast" by Mr. Sanoh Layes was completed in late 1983 and a draft report was submitted to SHDS. The report was reviewed by SHDS staff and consultants in early 1984. The final version of the report was prepared, edited and typed.

Funds for the project on "Epidemiology and Risk Factors of Diarrheal Diseases in Low Income Families" by Dr. R. Biritwum (approved in August 1983) were not disbursed owing to Dr. Biritwum's prolonged absence from the study site (Ghana).

Dr. Guiguembde will be assisted in preparing two articles, one in English and the other in French, for submission to appropriate journals. Mr. Sanoh's final report will be distributed to REDSO and AFRO, and Mr. Sanoh will be assisted in preparing one or two journal articles. Both Mr. Sanoh and Dr. Guiguembde will be invited to present their results at the first annual SHDS/AFRO Applied Research Conference to be held in December 1984.

Dr. Biritwum will be contacted in September 1984 to ascertain the status of his project and a decision will be made regarding disbursement of funds for the project. Technical support and supervision will also be given for projects newly funded by SHDS in 1984.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
	4. Correspondence among SHDS, Mr. Sanoh Layes, REDSO and AFRO.	Dr. Biritwum was contacted several times in 1984 to ascertain the status of his project and to request a detailed plan for utilizing SHDS funding. SHDS was informed in June 1984 that Dr. Biritwum will return to Ghana in September 1984 and will brief us on the status of his project at that time.	
	5. Correspondence between SHDS and Dr. R. Biritwum.		
	6. Forms on "Status of Research Projects Funded under the SHDS Program".		
2.3	Offer technical support for the development of 4 new applied research projects.	Technical support was given for the development of 19 new applied research projects:	Continued technical support for the development of these projects as well as for the development of other projects will be given throughout 1984.
	<u>Documentation</u>	<u>Cameroun</u>	
	1. Draft proposals for 19 projects.	1. "Influence des Pratiques des Mères sur la Prévalence des Diarrhées chez les Enfants de 0 à 2 ans Dans le Quartier de Njongmellen"	
	2. Correspondence among SHDS, researchers, REDSO and AFRO.	2. "Vulgarisation de Traitement des Diarrhées Infantiles et Formation des Agents de Soins de Santé Primaires en Milieu Rural dans la Province de l'Est du Cameroun".	
	3. Forms on "Status of Research Proposals Being Developed for Submission to the SHDS Program".	<u>Gambia</u>	
		3. "The Dental Habits of Gambian School Children and the Role of Health Education on the Proper Use of the Chewing Stick in Reducing the Incidence of Dental Disease".	

<u>Subobjective</u>	<u>Activity</u>	<u>Review of Six Month Period</u>	<u>Plans for Second Six Month Period</u>
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Ivory Coast

4. "Prenatal Care/Nutrition and Low Birthweight"

5. "Production et Promotion de Sources Nouvelles de Proteines et Dérivés Pour Lutter Contre la Malnutrition".

Liberia

6. "A study of the Interventions Undertaken by Mothers of Children Under Five Years Old when Seeking Treatment for Diarrhea in the Kolahun District".

Mali

7. "Etude de l'Impact du Traitement Systématique des Cas Fébriles par la Chloroquine sur la Réduction du Paludisme dans une zone de Barrage - Sélingué".

8. "Etude Portant sur l'Integration de la Lutte Antituberculeuse dans les Activités de Soins de Santé Primaires dans la Zone de Sélingué".

9. "Etude sur les Modes de Sévrage Chez les Bambara, le Bozo et le Peulh dans le Cercle de Ségou".

10. "Etude Portant sur la Prévalence et l'Incidence des Salmonelloses dans le District de Bamako".

11. "Etude des Principales Causes de Mortalités Maternelles Pendant la Grossesse en Zone Rurale".

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
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12. "Etude de la Sensibilité de Plasmodium Falciparum à la Chloroquine (Test in Vivo et in Vitro)"

13. "Evaluation des Actions 'Latrines' au Niveau des Ecoles de Kori-Kori, Kokoun et Baguinéda Employé"

14. "Evaluation de l'Adéquation entre la Formation Reçue par les Médecins et Pharmaciens Formés à l'Ecole Nationale de Médecine et de Pharmacie et les Tâches qui leur sont confiées dans le Systèmes de Santé"

15. "Mise en Oeuvre de la Réhydratation Orale dans les Maladies Diarrhéiques en Zone Rurale (Selingué)"

16. "Recherche sur le Rôle de la Vaccination par l'HBS Ag sur la Prévalence de l'HB dans 3 Maternités: Welessebougou-Baguineda-Faladié"

Senegal

17. "Etude pour l'Adaptation de la Formation des Médecins, Sage-Femmes et Infirmiers d'Etat à la Politique Sanitaire des Soins de Santé Primaires au Sénégal"

Upper Volta

18. "Etude Comparée de l'Effet de l'Education Sanitaire, de l'Effet du Traitement Chimique des points d'Eau; et de l'Effet des Deux Actions Conjugées comme Moyens de Contrôle de la Dracunculose en Zone de Savane (Région de Banfcra - Haute Volta)"

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
2.4	Fund up to 4 new projects for a total of up to \$60,000.	19. "Projet de Contrôle de la Dracunculose par l'utilisation de l'Education Sanitaire et des Soins de Santé Primaires dans la Région de Banfora (Haute)	The proposed starting date for all three projects is October 1, 1984. Follow-up action will be taken in August and September 1984 to ensure that AFRO responses will be received and funds disbursed in time. Both researchers will be visited in September or October, 1984 so that project implementation and administrative arrangements can be finalized.
	<u>Documentation</u>		
	1. Final proposals for 3 projects.	Three proposals were submitted to REDSO and AFRO with SHDS recommendations for funding as follow:	
	2. Correspondence among SHDS, REDSO, AFRO and 3 researchers.	<p>1. "Projet de Contrôle de la Dracunculose par l'Utilisation de l'Education Sanitaire et des Soins de Santé Primaires dans la Région de Banfora (Haute Volta) by Dr. T.R. Guiguemde</p> <ul style="list-style-type: none"> . Submitted in May 1984 . Approved by REDSO in June 1984 . Response from AFRO not received by July 1, 1984 . Budget - \$15,000 <p>2. "Etude Comparée de l'Effet de l'Education Sanitaire, de l'Effet du Traitement Chimique des Points d'Eau, et de l'Effet des Deux Actions Conjuguées comme Moyens de Contrôle de la Dracunculose en Zone de Savane (Région de Banfora - Haute Volta)" by Dr. T.R. Guiguemde.</p> <ul style="list-style-type: none"> . Submitted in June 1984 . Approved by REDSO in June 1984 . Response from AFRO not received by July 1, 1984. . Budget - \$15,000 <p>3. "The Dental Habits of Gambian School Children and the Role of Health Education on the Proper Use of the Chewing Stick in Reducing the Incidence of Dental Disease" by Dr. M.O. George</p> <ul style="list-style-type: none"> . Submitted in June 1984 . Approved by REDSO in July 1984 . Response from AFRO not received by July 1, 1984 . Budget - \$9970 	

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
3.1	Collaborate with WHO/AFRO in continuing distribution of the AFRO-SHDS health services research training materials. Produce additional copies of the modified materials to meet demand	1000 copies of the modified HSR course text and 750 copies of the HSR course facilitators' guide were printed in May 1984. A flyer describing the course materials and forms for ordering them were designed and produced. Mailing lists for the flyers were compiled. A total of 411 copies of the course materials were distributed by July 1, 1984.	Distribution of the flyers will begin in September or October 1984. Course materials will continue to be distributed as requested.
	<u>Documentation</u>		
	1. Announcement and Order Form for <u>Health Services Research Course: How to Develop Proposals and Design Research to Solve Priority Health Problems</u>		
	2. Correspondence among SHDS, REDSO, AFRO and individuals and organizations requesting course materials.		
3.2	Produce and distribute a document on lessons learned from the SHDS Project applied research program.	Activity cancelled due to budgetary constraints.	Activity will be included in the 1985 Implementation Plan.
	<u>Documentation</u>		
	1. Correspondence among SHDS, REDSO and AFRO.		
3.3	Disseminate results from research projects supported or assisted by SHDS.	Final reports of two SHDS-supported projects were prepared. Preliminary discussions regarding the preparation of journal articles were held with both researchers.	Five researchers, including the principal investigators of the two projects supported by SHDS in the past, will be invited to present their results and/or their research proposals at the WHO/AFRO-SHDS Applied Research Conference.

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
	<u>Documentation</u>		
	1. <u>Provisional Program for the First Annual WHO/AFRO-SHDS Applied Research Conference, to be held in Dakar, 3-7 December 1984.</u>		The principal investigators of the two projects formerly supported by SHDS will be assisted in preparing one or two journal articles.
	2. Correspondence among SHDS, AFRO and REDSO.		
3.4	Conduct an Applied Research Conference.	The conference was tentatively scheduled for December 3-7, 1984 in Dakar, Senegal. The provisional program for the conference was prepared in June 1984, as was a list and time-frame for administrative and logistical tasks.	The provisional program for the Conference was reviewed and approved by AFRO and REDSO in July 1984. Invitations to the conference will be sent by AFRO in August and September 1984. A pre-conference planning visit will be made to Dakar in October 1984. The Conference will be held December 3-7, 1984.
	<u>Documentation</u>		
	1. <u>Provisional Program for the First Annual WHO/AFRO-SHDS Applied Research Conference.</u>		
	2. "Administrative and Logistical Tasks for the First Annual WHO/AFRO-SHDS Applied Research Conference".		
	3. Correspondence among SHDS, AFRO and REDSO.		
4.1	Complete a regional inventory of A.R. training and support resources	A form to be used to collect information on applied research training and support resources available from donor organizations was drafted in June 1984.	The data collection form was completed in July. It will be distributed to at least 30 organizations in August 1984. Information received will be compiled in October 1984 and the final inventory will be distributed at the Applied Research Conference in December 1984
	<u>Documentation</u>		
	1. Data collection form for the "Inventory of Applied Research Funding and Training Resources for Africa"		
	2. "Administrative and Logistical Tasks for the Regional Inventory of Applied Research Training and Support Resources."		

Subobjective	Activity	Review of Six Month Period	Plans for Second Six Month Period
3. Correspondence among SHDS, REDSO and AFRO.			
4.2	Collaborate with WHO/AFRO in developing a network of institutions to promote A.R. within the region.	Plans for establishing a collaborative relationship between INRSP, Bamako and INSP Abidjan were made. Two representatives from INRSP, Bamako have been selected as facilitators for the applied research workshop to be held at INSP, Abidjan in October-November 1984. The Provisional Program for the December 1984 Applied Research Conference includes a one and one half day working-group session, for representatives of research institutions and research/planning units, during which specific strategies and actions for developing inter-institutional collaborative training and applied research programs will be discussed. The Directors of INRSP, Bamako and INSP, Abidjan, as well as the Deputy Director of DGRST, Cameroun and a representative of OCCGE have been proposed as attendees.	Two representatives from INRSP, Bamako will serve as facilitators for the INSP Abidjan A.R. Workshop in October-November 1984. Representatives of both institutions will attend the Applied Research Conference in December 1984 and will formally discuss ways of improving collaboration between their institutions.
Documentation	1. Outline for INSP Abidjan Applied Research Workshop, Abidjan March 1984.		
2. <u>Provisional Program for the First Annual WHO/AFRO-SHDS Applied Research Conference.</u>			
3. Correspondence among SHDS, AFRO and REDSO.			
4.3	Collaborate with WHO/AFRO to promote exchange of A.R. training materials and strategies on an interregional basis.	As the first step in its two-year project to develop institutional collaboration for Health Systems Research Training, WHO/Geneva (Division SHS/HSR) organized an interregional consultation in Cameroun from July 23-28, 1984 in which 13 countries of the different WHO regions were involved. The SHDS/AFRO Health Services Research Course: <u>How to Develop Proposals and Design Research to Solve Priority Health Problems and the Course Guide for Administrators and Trainers</u> were to be used as part of the training package for this	The Interregional Consultation took place in Yaoundé from July 23-28. The draft report was received by SHDS in August and the final report will be received by the end of September. All participants reviewed the AFRO/SHDS HSR Course and Guide. The reviews were very positive and all participants indicated that they plan to use these training materials in up-coming courses to be organized in the context of the two-year WHO/Geneva project.
Documentation	1. Draft report of the Consultation on <u>Institutional Collaboration for Health Systems Research Training, Yaoundé, July 1984.</u>		

Subobjective

Activity

Review of Six Month Period

Plans for Second Six Month Period

2. Correspondence between SHDS and WHO/Geneva.

meeting, and Dr. Ann Brownlee, who was actively involved in the preparation and use of this course while employed by the SHDS Project, was invited by WHO/Geneva to serve as a temporary advisor in the meeting.

Suggestions for adapting these materials for interregional use were made. As a follow-up to this meeting, discussions concerning future collaboration between SHDS, WHO/AFRO and WHO/Geneva in the area of A.R. training will be scheduled.

GLOSSARY

AR	.Applied Research
ASCON	Administrative Staff College of Nigeria (Badagry)
BOM	Bureau d'Organisation et Méthode (Dakar)
CAFRAD	Centre Africain de Formation de Recherche Administrative pour le Développement (Rabat)
CDC	Centers for Disease Control (Atlanta)
CESSI	Centre d'Enseignement Supérieur en Soins Infirmiers
CHW	Community Health worker
CM	Course Management
CNA	Coordinator of Nursing Affairs
CUC	Cuttington University College (Monrovia)
DGRST	Délégation Générale de Recherches Scientifiques et Techniques (Cameroun)
EDT	Epidemiologic Demonstration and Training (Zones)
ENAM	Ecole Nationale d'Administration et Magistrature (Brazzaville)
HIS	Health Information Systems
HSR	Health Systems Research
IPAES	Institute of Public Administration and Extention Services (Benin-City, Nigeria)
INSP	Institut National de Santé Publique (Abidjan)
INRSP	Institut National de Recherche en Santé Publique (Bamako)
ISTM	Institut Supérieur de Technique Médicale (Kinshasa)
MOH	Ministry of Health
NCT	Network Consultant Trainer
NAMRU	Naval Medical Research Unit (Cairo)
NWC	National WHO Programme Coordinator
OCEAC	Organisation de Coordination pour la lutte contre les Endémies en Afrique Centrale (Yaoundé)
OCCGE	Organisation de Coordination et de Coopération pour la lutte contre les Grandes Endémies (Bobo-Dioulasso)
PCC	Project Coordination Committee
PHC	Primary Health Care

PRC	Project Review Committee
REDSO/WCA	Regional Economic Development Services Office, West and Central Africa (Abidjan)
RTC	Regional Training Center (Lome, Lagos)
SHS	Strengthening Health Services
SHDS	Strengthening Health Delivery Systems (Project)
SCD	Systematic Course Design
TOT	Training of Trainers
USAID	United States Agency for International Development
VHW	Village Health Worker
WACN	West African College of Nursing (Lagos)
WHO/AFRO	World Health Organisation/Africa Regional Office
WHA	World Health Assembly
WPC	WHO Programme Coordinator

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