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Executive Secretariat
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NIGER-HYCOS PROJECT

2nd STEERING COMMITTEE MEETING
(Ouagadougou 11- 12 December 2006)

**SUMMARY OF THE EXECUTION OF 2006
WORK PROGRAM as 31 st October 2006**

November 2006

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ABBREVIATIONS

ACMAD: African Center of Meteorological Applications for Development
Fad: African Development Bank
AGRHYMET: Regional Center for Training and Application in Agro meteorology and Operational Hydrology
AOC: West and Central Africa
AOC-HYCOS: Hydrological Cycle Observing System in West and Central Africa
AWF: African Water Facility
DB: Data Base
DCP: Data Collection Platforms
GHENIS: Upper Niger Hydro- Ecological Management
HYCOS: Hydrological Cycle Observing System
IRD: Institute of Research and Development
IWRM: Integrated Water Resources Management
NBA: Niger Basin Authority
NHS: National Hydrological Services
NTIC: New Technologies of Information and Communication
RPC: Regional Project Center
SC: Steering Committee
ES: Executive Secretariat
CPS: Computerized Pressure Systems
SYSCAD: Data Control and Analysis System
WB: World Bank
WHYCOS: World Hydrological Cycle Observing System
WIAG: Whacks International Advisory Group

INTRODUCTION

This execution summary is a situation report on the implementation of the work plan as at 31st October 2006 at the technical and financial levels. It corresponds to the first year of the project development phase after a preparatory phase of 6 months (April - September 2006).

The execution of the activity program relates to five main components: (i) the governance of the project, (ii) the network of hydrometric stations, (iii) the development of the regional hydrological information system, (iv) the identification and the development of hydrological products, (v) the training and the sensitization of actors.

For each of these components, the objectives aimed at, the expected results, the summary of the execution, the constraints and difficulties and the corrective measures under implementation or envisaged are indicated.

The report presents the level of implementation of the recommendations of the last meeting of the Steering Committee as well as the level of implementation of the other activities conducted by the Regional Project Center and the NBA Executive Secretariat, including the search for addition funds for the project, the development of synergies between the project and the programs of the NBA and the sub-region.

I. LEVEL OF EXECUTION OF THE RECOMMENDATIONS OF THE LAST MEETING OF THE STEERING COMMITTEE

The previous and first session of the Steering Committee of the project took place in Niamey from 9th to 11th November 2005.

It made the following recommendations:

1) TO THE NBA

- The decision taken defining the assignments of the Steering Committee and regulating its operation;

Per decision N° 0014 dated 29th March 2006, the Chairman of the NBA Council of Ministers created the Steering Committee of the Niger-HYCOS Project and defined its assignments and organization. This decision was sent to all the members of the Committee.

So, per decision N° 00433 dated 10th May 2006, the NBA Executive Secretary appointed the members of the Steering Committee of the project. This decision was sent to all the members of the Committee for information.

2) TO THE NBA AND THE WMO

- The search for additional funds for the budget of the project ;
- The holding of the training session of the Web sites with the financial means;
- The search for financial means for the organization of the training concerning the module 12 on the modelling

The last two of the recommendation are related to the first one through the availability of the additional funds to the budget of the project.

With the support of the WMO, NBA sent a request to the African Water Facility of the AfDB for the additional funding of the project. A mission conducted by this partner visited Niamey

in May 2006 in order to prepare jointly with the NBA the elements of a related convention for 1 200 000 €; this convention was signed in Tunis on 18th October 2006. A special account was opened by the NBA in Niamey and the first transfer is expected for soon.

The components of the project mainly interested by the funding of the AWF/AfDB relate to the training, the update of the knowledge of the Hydrological Forecasting Computerized System for the River Niger basin in order to make it possible to make forecasts at various locations the situation of the discharge of the water streams at various terms and finally the criticism of the old sets of data relating to the project network.

As regards the training component in particular, the organization of sessions as initially planned for the project had a provision of 400 000 Euro for all the 12 training modules. In the funds granted by the FDA, the amount budgeted for training was 300 000 Euro. For the sake of efficiency and economy, the 12 modules were gathered in 8 modules. In particular, the organization of the training sessions of module 8 relating to the modelling is envisaged only in the event the additional funding would be obtained. So, in addition to the organization of the training session on this module, the additional funding obtained from the AWF/AfDB makes it possible to enhance the conditions of the organization of the feed back sessions in the respective countries in 2007 as regards all the training modules.

3) TO THE MEMBER COUNTRIES:

- The sensitization of the riparian populations for the security of the hydrological installations;
- The capacity building for the hydrological services as regards data collection ;
- The signing before 31st December 2005 of the conventions for the implementation of the project ;
- The search for synergy with the project “Volta-HYCOS”.

As at 31st October 2006, no NHS reported to the RPC on the actions it initiated as regards items 1, 2 and 4 above. We hope they shall do it in their activity report as planned under item 2.2 of the agenda of this meeting of the Steering Committee.

As for the conventions relating to the implementation of the project between the Executive Secretary and each of the NBA Supervising Ministers, they were signed and are being implemented.

II. SUMMARY OF THE TECHNICAL EXECUTION

2.1. COMPONENT 1: GOVERNANCE OF THE PROJECT

2.1.1 Objectives

The objectives aimed at for year 2006 are:

- Creation of the structure of the RPC ;
- Supervision and monitoring of the execution of the project activities ;
- Development of collaboration conventions between NBA and the project partners ;
- Repair and putting in conformity with the WHYCOS norms of the stations selected under the framework of the project ;
- Definition of the procedures of data receipt and transmission.

2.1.2. Expected results

- The structures of the project execution operational;
- The management of the project in conformity with the provisions ;
- The equipment planned purchased ;
- The 2007 activity program developed;
- The supervision and support mission conducted;
- The annual meeting of the Steering Committee of the project held ;
- The conventions of collaboration between NBA and all the partners of the project, including the participating countries signed;
- The staff recruited.

2.1.3. Results achieved

- The international staff (Hydrology Expert and DB computer specialist) and the counterpart staff (Coordinator, hydrologist and technician in charge of DCP maintenance) is in place ;
- Two hydrology technicians and one secretary recruited ;
- The RPC is integrated in the new organizational chart of the Executive Secretariat ;
- The office equipment of the RPC is in place ;
- A contract for the purchase of part of the equipment of the RPC and the countries is signed with OTT France (limnometric scale, gauging equipment and limnigraph) ;
- Contract for the supply of ULTRASON discharge gauging device signed with SEBA Hydrométrie ;
- Proposals for the purchase of other hydrological and computer equipments received and examined and waiting for the non objection of the FDA so as to continue the process relating to their purchase;
- The 2007 program is developed and submitted to this meeting for consideration ;
- Missions of support of the RPC to the Burkina, Cameroon, Guinea, Mali, Niger and Nigeria for launching the project conducted;
- The annual meeting of the Steering Committee prepared and shall take place in Ouagadougou on 11th and 12th December 2006 ;
- The conventions were signed between the NBA and each of the Technical Partners (OMM, IRD and AGRHYMET), on the one hand, and each of the member countries on the other hand.

2.1.4. Constraints and difficulties

- Lengthy procedures for the recruitment of two hydrology technicians and the secretary of the project, which led to a second vacancy announcement for the second hydrologist ;
- Lengthy procedures of purchase of equipment, requiring the opinions of the technical and financial partners of the project at all the levels of this purchase (technical specifications, call for bids documents, reports on the review of the proposals, etc.....);

- The process relating to signing the conventions with the countries and opening local accounts for the project took a lot of time: it went from November 2005 to April 2006.
- Absence at the regional and national levels of financial statements to be certified by the independent auditors does not make it possible to know the patrimonial situation of the project ;
- The absence at the national level of the principle of separation of functions between the Authorizing Officers and the accountants does not make it possible to have a sound management of the project.

2.1.5. Solutions under implementation or envisaged

- Review of the ways and means to recruit for full or part time an accountant at the level of the national components of the project ;
- Separation of functions between the authorizing office and the accountant at the level of the national components;
- Sending of support mission from the RPC and the NBA Executive Secretariat to the various NHS so as to agree with them on the procedures of the management of the project at their level and the coordination of the activities between them and the RPC.

2.2. COMPONENT 2: ENHANCEMENT OF THE HYDROMETRICAL STATIONS OF THE NETWORK

2.2.1. Objectives

- Acknowledgement of the stations and their working conditions;
- Purchase of the components necessary for the rehabilitation of the DCP and hydrometrical equipment, including vehicles ;
- Repair and putting in conformity with the WHYCOS norms of the stations selected for the project ;
- Definition of the procedures of data transmission and receipt
- Training of the NHS agents for the installation, maintenance and management of the hydrometrical stations.

2.2.2. Expected results

- Map of siting of the stations of the network of hydrological observation of the project developed;
- Full list of the present equipment, including the local means of communication developed;
- List of the components to be purchased for the rehabilitation of the DCP developed;
- Cost estimate for the equipment and components of the DCP known;
- Equipment and components ordered;
- Local purchase of local vehicles and equipments ;
- A network of hydrological stations with WHYCOS norms equipped with sensors and regularly monitored;
- Data quality satisfactory;
- Circuits of the forwarding of data defined per station;
- Three training sessions of trainers organized by the RPC;
- Three training sessions give as feed back in the countries.

2.2.3. Results achieved

- The map for siting the 105 stations of the project is available ;
- The evaluation missions in order to rehabilitate the hydrometrical stations of the project were conducted in Guinea, Benin, Burkina, Mali, Niger and Nigeria and the related reports are available;
- Cost estimate for the rehabilitation of the stations equipped with DCP were developed on the basis of the information provided by ELTA ;
- Installation of 11 DCP SATLINK2 with WHYCOS norms (1 in Benin, 4 in Niger and 6 in Nigeria) ;
- The observations sent by the countries are generally of good quality;
- The control of the data received (via Internet or sent by the countries) is regularly conducted ;
- The three regional training sessions for the trainers (in limnometry and topography, in rating curve and hydrological expertise and IWRM) took place in Niamey in May, June and September 2006 respectively. They were attended by 11 participants from the (including 3 from Nigeria) and 2 from the RPC. The related reports are available;
- The funds allocated for the feed back of the training session on module1 were transferred at the request Burkina, Mali, Niger, Cameroon and Côte d'Ivoire and for module 3 only Cameroon, Niger and Mali made a request and obtained the funds as planned. As for module 6 no request of transfer was received from the countries ;
- The funds allocated for the local purchase of the vehicles of the countries were transferred at the request of Burkina, Mali, Côte d'Ivoire and Guinea

2.2.4. Constraints and difficulties

- The defect of the ELTA equipment is basically with the sensors and the supply system. The unit price of the defective modules (water level censor, power supply, connection cables) proposed by is extremely expensive as compared to the amounts budgeted.
- Despite the means allocated to the countries, only Guinea, Mali, Niger and Chad sent to the RPC partial data of their stations included in the network;
- Countries such as Niger, Nigeria, Chad, Benin and Cameroon are always late to complete their files for the purchase of computer equipments and vehicles ;
- The documents are always expected from all the NHS for the local organization of the module 6. For the national training on module1, proposals are yet to be received from Benin and Chad ; As for module 3, the related documents are still expected from Benin, Burkina, Guinea, Côte d'Ivoire, Nigeria and Chad ;

The situation of the support granted to the NHS is presented in annex.

2.2.5 Solutions under implementation or envisaged

- Jointly with the technical partners of the project, the RPC is envisaging to purchase the necessary equipment so as to rehabilitate some outreach DCP and test them for some months before taking a final decision;
- To send a joint mission ES/RPC in all the NHS so as to examine the ways and means to overcome the difficulties faced by the NHS in the course of the implementation of the project.

2.3. COMPONENT 3: DEVELOPMENT OF THE REGIONAL HYDROLOGICAL INFORMATION SYSTEM

2.3.1. Objectives

- Purchase and installation of the computer equipments and software ;
- Installations or reinforcement of the regional (RPC) and national (in the countries) Data Bases;
- Transfer of the data existing in the DB of the various countries or in other regional DB to the regional DB of the RPC;
- Training of the staff in the maintenance and management of the DB.

2.3.2. Expected results

- The technical specifications are developed
- The call for bids documents are developed and disseminated;
- The proposals are examined and the contracts signed ;
- The equipments received and sent to the RPC and NHS ;
- The equipments and software et installed and operational ;
- The regional DB of the RPC re-organized and reinforced ;
- Installation/reinforcement of the national DB in the countries ;
- The data quality control procedures defined and implemented;
- The exchange protocols signed;
- The agreements relating to the exchange of data with other international DB and projects signed;
- The training session for the trainers in DB management organized ;
- The training session for the trainers in DB given as feed back to the NHS agents.

2.3.3. Results achieved

- All the technical specifications of the equipments and software were developed in consultation with WMO and IRD and received the non objection of the FDA.
- The call for bids documents were largely disseminated ;
- The proposals received are being examined (like some hydrological equipments, the computer equipments and software) ; for some other hydrological equipment, the activities are at the level of the signing of the contracts
- The transfer of the hydrological data from Hydrom2 to Excel pending the new software ;
- The inventory of all the data available was conducted and sent to the countries for additional information.
- The training in management of data base and its feed back could not make any progress because of the lack of software ;

- The methods utilized for processing the data are up to now those based on the SYSCAD system;
- Protocol agreements between the NBA and several regional institutions on data exchange with their respective banks (ALG, AGRHYMET, ACMAD, etc...) are being prepared.

2.3.4. Constraints and difficulties

- The process relating to the purchase of equipments was delayed because it took into account the procedures of the technical and financial partners of the project ;
- Very few suppliers responded to the call for bids, requiring thus a second dissemination. This led to additional delays.
- The delays in the purchase of the management software and data processing disturbed the program of training and management of regional and national data bases.

2.3.5. Solutions under implementation or envisaged

- To once more solicit the indulgence of the technical and financial partners for the alleviation of the procedures relating to the acquisition of goods and services.

2.4. COMPONENT 4: IDENTIFICATION AND DEVELOPMENT OF HYDROLOGICAL PRODUCTS OF REGIONAL INTEREST

2.4.1. Objectives

- To develop a Web site for Niger-HYCOS.

2.4.2. Expected results

- A new web site for the project is developed and operational;
- Hydrological products of national and regional interest regularly prepared by the RPC and the NHS ;
- The information on the evolution of the hydrological situation of the basin produced and disseminated.

2.4.3. Results achieved

- The TOR of the mission of the consultant so as to enhance the site are available;
- The monthly bulletins and specific technical notes are published;
- Several data and information are provided at the request of the RPC
- Tutoring of Nigerien trainees at the request of their institutions.

2.4.5. Constraints and difficulties

- The project site inherited from the AOC-HYCOS pilot is up to now sited at IRD-Niamey pending the time the technical means of the project make its transfer to the RPC possible.
- The draft TORs of a consultant planned so as to enhance the project site was developed. We hope that the arrival of the new NTIC Expert of the NBA shall contribute to the rapid launching of the component.

2.5. COMPONENT 5: TRAINING AND SENSITIZATION.

2.5.1. Objectives

- To promote the activities relating to the sensitization of the decision makers and the users of hydrological information.

2.5.2. Expected results

- Training workshops organized.

2.5.1. Results achieved

The TORs of these workshops are being prepared at the RPC. The first one shall take place shortly in Niamey for Niger and the second one in Lokoja (Nigeria).

III. SUMMARY OF THE FINANCIAL EXECUTION

NBA is the project executing agency. The expenses made as at 31st October 2006 amount to 263 446 874 FCFA.

3.1 Financial balance sheet

The level of execution of the budget of the project as at 31st October 2006 is presented in the table below:

The expenses basically related to:

- The costs associated with the operation of the RPC (salaries, allowances, Internet,

<i>Vote head</i>	<i>PROVISIONS 2006</i>	<i>ACHIEVEMENTS AS AT 31/10/2006</i>	<i>GAP</i>	<i>% ACHIEVEMENTS</i>
Support to the countries	897 902 000	85 042 695	812 859 305	9,47%
Budget of the RPC	263 445 000	82 267 951	181 177 049	31,23%
Training	95 699 538	40 791 090	54 908 448	42,62%
Meeting of the Steering Committee	14 750 000	0	14 750 000	0,00%
Services of the executing agency NBA	16 398 925	13 522 566	2 876 359	82,46%
Services of the supervising agency WMO	32 797 850	32 797 850	0	100,00%
Services by IRD including training	30 174 022	9 024 722	21 149 300	29,91%
Services by AGRHYMET (training not included)	2 886 211		2 886 211	0,00%
Miscellaneous and contingencies/ equipments	8 888 311		8 888 311	0,00%
TOTAL	1 362 941 857	263 446 874	1 099 494 983	19,33%

office supplies, missions, etc.);

- The support to some national hydrological services;
- The training of the staff of the countries;
- The services rendered by the NBA and the WMO ;
- The purchase of vehicles and computer equipment at the request of some countries

3.2. Constraints and difficulties

The analysis of the table on the execution of the 2006 budget 2006 above indicates:

- i) A very low level of execution ;
- ii) A substantial disparity in the achievements among the vote heads ranging from 0 to 100% ; this situation is mostly explained by:
 - The failure to purchase the computer equipments and software which by themselves alone were supposed to cost 77% of the annual budget of the project. The reasons for this are the constraints associated with the related procedures of the technical and financial partners as indicated in the summary of the execution of components 2 and 3 ;
 - The delays of the submissions by the countries of the complete files for the transfer of the funds allocated for their training and the local purchase of vehicles and computer equipments ;
 - The lack of coherence in the financial reports of the NHS requiring thus ins and outs between them and the NBA for the reports to be in conformity with the financial deontology and enable the replenishment of funds for their operations.

IV. OTHER ACTIVITI OF THE RPC

4.1. Finalization of the project document:

The project document was finalized after the meeting of the Steering Committee of November 2005. It was sent to the WMO for formatting, translation into English and reproduction. So, 500 copies of this document are available including 250 in French and 250 in English.

4. 2. Missions of the Regional Project Center (RPC):

During the period from January to October 2006, several missions were conducted:

January/February 2006 (Geneva 30/01 to 02/02):

- Participation in the first meeting of the WIAG of the WMO WHYCOS program;
- Tripartite meeting (NBA-WMO-AfDB) for the search of additional funds for the Niger-HYCOS project from the AfDB.

March 2006 (Nigeria): Finalization of the convention between Nigeria and the NBA for the implementation of the project in Nigeria.

March – April 2006 (Mali, Guinea, Burkina Faso):

- Evaluation of the equipments of the hydrometric stations on the field, especially the non operational DCP in order to repair them;
- Development of synergy between the Niger-HYCOS project and other projects and programs under implementation in the three countries.

April 2006 (Cameroon): Finalization of the convention between the NBA and Cameroon for the implementation of the Niger-HYCOS project in Cameroon.

May 2006 (Geneva): Consultation meeting (NBA-RPC-WMO-IRD) so as to assess the performances of the HYDROMET software.

October 2006 (Tunis): Signing of the convention between the NBA and the AWF (African Water Facility of the AfDB) for the additional funding of the Niger-HYCOS project.

4.3. Technological base of the project:

Substantial means are planned for the re-development of the technological base whose pedagogical role is very important for the training sessions but which will also make it possible to test on the spot the new equipments. The RPC and the AGRHYMET are working on the issue and first results should be recorded as soon as the hydrological equipments is purchased and installed.

4.4. Security of the RPC power supply:

It is envisaged to purchase a spare generator set to remedy the frequent power cuts of the electrical network. Te competent services of the Niger Power Authority (NIGELEC) were contacted and they proposed spare power supply options. A call for bids was made and the opening of bids is scheduled for early November 2006.

4.5. Meetings at the RPC:

The project staff has periodic meetings in order to have a situation report on the evolution of the project activities and report to the NBA Executive Secretariat. The reports on all the meetings are available.

4.6. Synergy with the projects and programs of the NBA and the sub-region

Under the framework of the search for synergy, the RPC staff actively participates in several other activities of the Executive Secretariat (senior staff meetings, meeting of the Technical Directorate, ad hoc working committees, preparation of the NBA statutory meetings, meetings of the Steering Committees of the other projects and programs, scientific and technical meetings, etc...).

The RPC tutored several trainees at the request of the NBA countries of some partners. It animated conferences at the request of the AGRHYMET Regional Center.

The preparatory phase of the Volta-HYCOS project officially commenced in January 2006 au moment when the Niger-HYCOS initiated its development phase after the meeting of its

Steering Committee organized in November 2005. The two main officers of the Volta-HYCOS visited the team of the Niger-HYCOS project from 03rd to 07th March 2006. The main objective of the meeting aimed at the mutual knowledge of the member of the two teams in order to promote exchanges and synergies between the two projects and jointly conduct as much as possible activities of common interest, as for example the trainings sessions, the purchase of DB management equipments and software, etc.....

CONCLUSION AND RECOMMENDATIONS:

The low level of the budget execution of this first year of the development phase of the Niger-HYCOS project is the evidence of the difficulties associated with its implementation. These difficulties associated with the constraints relating to the procedures of the technical and financial partners as regards the purchase of the hydrometric, computer equipments and software of the project which represent 77% of the 2006 budget.

At their own level, the National Hydrological Services, which are the key actors of the project on the field, have difficulties to face their contractual obligations as evidenced, among many other things, by:

- The delays observed before proposing to the NBA sound documents for the local purchase of their vehicle and computer equipments respectively ;
- The feed back by the trainers of the trainings they received at the RPC;
- Insufficiency of vouchers for the funds received;
- Low quantity of data sent to the RPC.

In the light of the foregoing, the RPC recommends:

a) To the technical and financial partners :

- The alleviation of their procedures relating to the purchase of the goods and services of the project.

b) To the NHS :

- The acceleration of the procedures relating to the acquisition of goods whose purchase is planned locally;
- The need to make provisions so as to organize the feed back of the training sessions at the national level, as soon as the regional training is conducted;
- The regular feed back to the RPC of the data from the stations of the project ;
- The need to regularly send to the RPC contractual technical and financial reports.

c) The NBA Executive Secretariat:

- The support to the NHS through the sending of assistance missions in the area on accounting.

ANNEXES

ANNEX 1: SITUATION OF THE SUPPORT TO THE NHS

Countries	Operation 1 st quarter 2006	Nature of the support							
		Equipments		Trainings					
		Vehicle	Computer	Regional Module 1	Regional Module 3	Regional Module 6	National Module1	National Module3	National Module6
Benin	X	-	-	X	X	X	-	-	-
Burkina	X	X	X	X	X	X	X	-	-
Cameroon	X	-	-	X	X	X	-	X	-
Côte d'Ivoire	X	X	X	X	X	X	X	-	-
Guinea	X	X	X	X	X	X	X	-	-
Mali	X	X	X	X	X	X	X	X	-
Niger	X	-	-	X	X	X	X	X	-
Nigeria	X	-	-	X	X	X	-	-	-
Chad	X	-	-	X	X	X	-	-	-

NOTA

(X): Activities conducted

(-): Activity waiting for the reactions of the countries

Module 1: Hydrometry and topography

Module 3: Rating curves

Module 6: Expertise in hydrology and IWRM

ANNEX: 2

OPERATING CONDITIONS OF THE NETWORK OF DCP IN THE RIVER NIGER BASIN

COUNTRIES	NO	STATION	RIVERS	TYPE	SITUATION	FAULTY COMPONENTS
BENIN	1	Rte Kandi	Alibori	SUTRON	B	
	2	Malanville	Niger	ELTA	D	Censor- cable - battery
BURKINA FASO	3	Koriezena	Gorouol	ELTA	D	Censor- battery
CAMEROON	4	Cossi	Mayo-Kebbi	ELTA	D	Censor – battery
	5	Gounougou	Benue	ELTA	D	Censor – battery
	6	Garoua	Benue	ELTA	D	Censor -battery
	7	Djalingo	Faro	ELTA	D	Censor- battery
	8	Gd Capt	Benue	ELTA	D	Censor - battery
	9	HYDRO40		SUTRON		Not installed
	10	HYDRO41		SUTRON		Not installed
COTE D'IVOIRE	2 stations planned but installed in Niger					
GUINEA	11	Baro	Niandan	SUTRON	D	Battery
	12	Baro replaced		ELTA	D	Censor- synchro GPS/ Not installed
	13	Faranah	Niger	SUTRON	B	Nothing to mention
	14	Kouroussah	Niger	SUTRON	B	Nothing to mention
	15	Mandiana	Sankarani	ELTA	D	Censor
	16	Kankan	Milo	ELTA	D	Censor
	17	Kerouané	Milo	ELTA	D	Censor
	18	Fifa	Tinkisso	ELTA	D	Censor
	19	Guinea1		ELTA		Not installed (Synchro GPS)
	20	Guinea5		ELTA		Not installed (Synchro GPS)
	21	Tiguiberi	Niger	ELTA	D	Censor
	22	Kerouané	Tinkisso	ELTA	D	Suffered vandalism
MALI	23	Kirango Downstream	Niger	SUTRON	D	Censor
	24	Kirango Downstream replaced		ELTA	D	Censor and not installed
	25	Ansongo	Niger	SUTRON	B	Nothing to mention
	26	Nantaka	Niger	SUTRON	B	Nothing to mention
	27	Akka	Issa Ber	SUTRON	B	Nothing to mention
	28	Diré	Niger	SUTRON	B	Nothing to mention
	29	Douna	Bani	SUTRON	B	Nothing to mention

COUNTRIES	NO	STATION	RIVERS	TYPE	SITUATION	FAULTY COMPONENTS
	30	Douna		ELTA	D	Censor, cable and not installed
	31	Selingué- Downstream	Sankarani	ELTA	D	Censor -cable
	32	Selingué -Upstream	Sankarani	ELTA	D	Censor
	33	Ké-Macina	Niger	ELTA	D	Censor
	34	Keniéroba	Niger	ELTA	D	Censor
	35	Banankoro	Niger	ELTA	D	Censor
	36	Koulikoro	Niger	ELTA	D	Censor
	37	Tossaye	Niger	ELTA	D	Censor
	38	Bamako Sotiba	Niger	ELTA	D	Censor
NIGER	39	Barou	Mékrou	SUTRON	B	Nothing to mention
	40	Garbe Kourou	Sirba	SUTRON	B	Nothing to mention
	41	Niamey	Niger	SUTRON	B	Nothing to mention
	42	Niamey replaced		ELTA	D	Censor, cable and not installed
	43	W	Niger	SUTRON	B	RAS
	44	W, replaced		ELTA	D	Censor- cable , and not installed
	45	Kandadji	Niger	ELTA	M	Battery
NIGERIA	46	Woro Boki	Benue	SUTRON	B	Nothing to mention
	47	Jidere Bode	Niger	SUTRON	B	Nothing to mention
	48	Jidere replaced		ELTA	D	Censor et not installed
	49	Kainji Res.	Niger	SUTRON	D	Unknown
	50	Onitsha	Niger	SUTRON	D	Unknown
	51	Makurdi	Benue	SUTRON	B	Nothing to mention
	52	Lokodja	Niger	SUTRON	B	Censor/ Nothing to mention
	53	Lokodja replaced		ELTA	D	Censor
CHAD	54	Patalao	Kabia	ELTA	D	Battery

Nota :

(B): Station in good operating condition

(D): Faulty station

Synthesis of the summary of the execution of the 2006 AWP

Components	Activities for the 2006 programs	Level of execution as at 31-10-06	Remaining to be achieved	Observation /solutions envisaged
Component 1 : Governance of the project	1. Recruitment of staff	- Completed		
	2. Administrative and financial management of the project	- going on	Continuation of the support to the NHS	Support missions planned by the ES/RPC
	3. setting up as management of the RPC Dbase	- going on	Purchase of computer equipments and software	Request for the alleviation of the procedures of the technical and financial partners
	4. Development of contracting plans	- going on	Approval expected from FDA on some equipments	Request for the alleviation of the procedures of the technical and financial partners
	5. Development o the 2007 AWP	- Completed		
	6. Missions of supervisions and support to the NHS	- partial execution	Missions in Côte d'Ivoire, Benin and Chad	Continuation of the support missions in November and December 2006
	7. Holding of the annual session of the Technical Committee	- going on		
	8. Drafting and signing of conventions with the partners and the countries for the implementation of the project	- Completed		
Component 2 : Enhancement of the network of hydrometric stations	1. Map of the stations of the network of the project	- conducted		
	2. Definition and purchase of the equipments for the rehabilitation of the DCP	List of faulty modules developed and their costs received from ELTA		Some outreach DCP shall be rehabilitated so as to test the reliability of the new modules proposed by ELTA
	3. Mission for the repair and update of the stations on the field	Installation of 11 DCP SATLINK 2 in conformity with HYCOS norms (1 in Benin, 4 in Niger and 6 in Nigeria)	Installation of 5 DCP (3 in Nigeria and 2 in Cameroon)	Envisaged under the funding to be searched for.
	4. Training and/or further training of the observers	(see reports from the NHS)		
	5. Monitoring of the gauging stations	(see reports from the NHS)		

Components	Activities for the 2006 programs	Level of execution as at 31-10-06	Remaining to be achieved	Observation /solutions envisaged
Component 2 (Cont'd)	6. Definitions of the circuit for the transfer of data depending on the equipments and the vector of transmission utilized	Not conducted	Purchase of equipments	
Component 3 : Development of the regional hydrological information system	1. Definition of the specifications of the computer equipments and software	Completed		
	2. Development of call for bids	Completed		
	3. Opening of bids	Completed		
	4. Ordering of equipments	Pending for some cases	non objection from the FDA	
	5. Reorganization/ reinforcement of the regional and national Dbases	going on for the regional bank of the RPC	Purchase of computer equipments and software	
	6. Procedures for the control of data quality	going on with the SYSCAD software	Purchase of computer equipments and software	
	7. Agreements for the exchanges of data with other data banks of regional projects and programs	Being developed	Signing and implementation	
Component 4 : Identification and development of hydrological products of regional interest	1. Study and development of a Niger-HYCOS Web Site from the existing AOC-HYCOS one.	Development of the TOR for a mission of consultant	finalization of the TOR Organization of the consultant mission Installation of the computer equipments Transfer of the AOC-HYCOS site to the RPC	Support to the NTIC expert recently recruited by the NBA
	2. Regular update of the data received at the RPC (in real and differed times)	going on	Regular feed back of data from the NHS to the RPC	Reminders to the NHS about their contractual obligations
	3. Development of other products depending on the data received	going on	Regular feed back of data from the NHS to the RPC	Reminders to the NHS about their contractual obligations
Component 5 : Training and sensitization of the actors	1. Training of trainers in F 3 modules (hydrometry and topography, curving rates, hydrological expertise and IWRM, on the ADCP and the DCP	Executed for the first 3 modules, the 2 others are scheduled for 2007	Feed back in the countries by the trainers trained . the last two modules will depend on the arrival of the equipments	To relaunch the NHS so as to accelerate the feed back
	2. Organizations of national workshops for the promotion of the products of Niger-HYCOS under the framework of the Shared Vision process of the NBA	Development of the TOR for the first workshop in Niger	Organization and holding of the workshop	To involve the NBA Supervising Ministry in Niger

