



**Report of the Africa Region Preparatory Experts Group Meeting for  
drafting African Common Proposals for the First  
Session of the Regional Radiocommunication Conference  
(RRC-2004)  
Abidjan, Côte d'Ivoire, 8 - 12 March 2004**

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## **1. Purpose**

The purpose of the Africa Region Preparatory Expert Group Meeting was to draft African Common Proposals (AFCPs) for the first session of the Regional Radiocommunication Conference (RRC-2004) so that African Countries could speak with one voice at the Conference on mature AFCPs.

## **2. Participation**

Twenty nine (29) African Countries, CEPT and Thales Group experts as well as a team of experts from the ATU General Secretariat attended the meeting and were represented by ninety two participants. The names of the participants are in the Consolidated List of Participants in Annex 6.

## **3. Opening Ceremony**

The meeting was held at the Hotel Ivoire in Abidjan from 8/03/2004. The opening ceremony was marked by the speech made by the Chief Guest, the Minister of Modern Information and Telecommunication Technologies, Hon Hamed BAKAYOKO who officially opened the meeting.

The speech of the minister was preceded by a statement made by the Secretary General of ATU Mr. Akossi Akossi.

The speech of the Minister and the statement made by the Secretary General are in Annex 5.

## **4. Structure of the Meeting**

The meeting had two sessions: the Information and Preparatory Sessions. The overview agenda and the programme of work are in Annex 2. The Information Session took two days (8-9 March 2004) while the Preparatory Session took three days (10-12 March 2004).

## **5. Report of the Information Session**

The Information Session was chaired by Cote d'Ivoire represented by Mr Kouakou Yao Jean-Baptiste and supported by the General Secretariat.

During the opening session, the Secretary General of ATU, Mr. Akossi Akossi made a welcome statement to all participants and expressed his gratitude to CEPT and Thales Group for accepting to participate at the Information Session at a short notice.

The presenters focused on issues of the agenda of the Conference and responded to questions made by the participants. The report of the Information is in Annex 3.

## **6. Report of the Preparatory Session.**

Before the start of the session the Secretary General Mr. Akossi Akossi welcomed delegates to the meeting and expressed gratitude to Member States that made written contributions for the work of the session.. The output of the session is in Annex 1 containing draft AFCPs. The report of the Preparatory Session is contained in Annex 4.

## **7. Closing Ceremony**

The closing ceremony was marked by a Speech made by the Minister of the Ministry of Modern Information and Communications Technologies, Hon Ahmed BAKAYOKO. The speech was preceded by statement made by the Chairman of the two Sessions Mr. KOUAKOU YAO Jean-Baptiste who presented the communiqué, Gabon who read the vote of thanks on behalf of delegates, Major John Tandoh, the Director General of Ghana and lastly by ATU Secretary General who gave his closing remarks. The speech of the Minister and the above statements are in Annex 6.

## **8. ATU General Secretariat's Conclusion and Recommendations**

It is gratifying to note that the meeting achieved its objective of generating draft AFCPs. Nonetheless Members States are invited to consider taking actions on the following recommendations in order to improve the AFCP process in preparing for the second session of RRC:-

### **RECOMMENDATION 1**

To endorse the draft AFCPs in order to validate them as mature AFCPs that will be sent to ITU as Africa's contribution to the work of RRC-2004.

### **RECOMMENDATION 2**

To send the national delegation list for RRC-2004 to the General Secretariat so that the AFCP human resources defence team is known before the start of the Conference.

### **RECOMMENDATION 3**

To participate actively in the ATU Consultations Meetings (ACM) that will be held at the venue of the RRC-2004 in Geneva to defend/and or review AFCPs.

### **RECOMMENDATION 4**

To provide the national delegates attending RRC-2004 with laptops to enable them use wireless facilities at the ITU to access Conference documents.

## **RECOMMENDATION 5**

To be prepared to host Information Meeting that will be held during the second half of this year (2004) for follow up actions of the RRC-2004 in preparation for the second session of RRC.

## **RECOMMENDATION 6**

To be prepared to host Africa Region Preparatory Experts Group Meetings next year (2005) in preparation for the second session of the RRC.

## **RECOMMENDATION 7**

To participate actively in the activities that will taken in preparation for the second session of the RRC.

## **RECOMMENDATION 8**

To establish National Preparatory Expert Group (NPEG) for drafting national positions and contributions for the second session of the RRC.

## **RECOMMENDATION 9**

To inform ATU General Secretariat the establishment of the NPEG and its contact points.

## **RECOMMENDATION 10**

To finance the participation of the members of the NPEG in ITU, ATU and ATU partners preparatory meetings.

## DRAFT AFRICAN COMMON PROPOSALS (AFCPs)

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3.	Draft AFCPs for Agenda on `resolves 2.2 of Council Resolution 1185 Rev
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6.	Draft AFCPs for Agenda on `resolves 3 of Council Resolution 1185 Rev.
7.	Draft AFCPs for Agenda on `resolves 4 of Council Resolution 1185 Rev.
8.	Draft AFCPs for Agenda on `resolves 5 of Council Resolution 1185 Rev.

## 1. Introduction

In the planning area that is defined in 'resolves 1' of Resolution 1185 Rev, the bands 174-230 MHz and 470-862 MHz will be planned for digital terrestrial broadcasting while providing adequate protection to existing/planned analog broadcasting stations and primary services sharing these bands in conformity with the Radio Regulations.

The worldwide tendency towards the digitalization of broadcasting such as the post-production, transmission, and the constant development of digital technology, reinforces a well-shared conviction that the advent of a all-digital terrestrial broadcasting is a certainty.

However, the change of this analogue environment to an all-digital environment passes through a difficult and complex transition period in terms of the time necessary for this change and the behaviour of the consumers. This will require simultaneous broadcasting in both analogue and digital systems (simulcast broadcasting) for several years. Therefore the transition will cost more money and more frequency bandwidth.

Each country can decide future use of these frequency bands for establishing digital broadcasting. The Conference creates an opportunity of harmonizing to maximum extent the future use of these frequency bands, to carry out this transition smoothly and to lower cost, and to safeguard the evolution of digital broadcasting.

The following draft African Common Proposals (AFCPs) are based on the ITU-R Report of Doc 3 of the Conference documents for the first session of the RRC. In order to avoid lengthy papers it is proposed to make references to the mentioned part of the Report when appropriate. The presentation of the AFCPs is based on the ITU Administrative Circular #132 of 28/11/2003 as follows:-

- The AFCPs are structured in accordance with the Agenda of the Conference contained in Resolution 1185 Rev of the ITU Administrative Council.
- AFCPs are also grouped in chapters of ITU-R Report to the first session of RRC i.e Doc 3.

## **2. Draft AFCPs for Agenda on 'resolves 2.1 of Council Resolution 1185 Rev.**

### **2.1 Chapter 1 of ITU-R Doc. 3**

#### **AFCP/xy/01**

The ITU-R Report (document 3 of RRC-04) should be considered as a reasonable basis pending refinement to produce a Report to the second session.

#### **Reasons:**

ITU-R Report is the final report of the Task Group (TG 6/8) of the ITU-R Study Group 6 that was established for highlighting issues on some agenda items of the first session of the RRC.

Endorsement Form for Draft AFCPs on 'resolves 2.1 of  
Resolution 1185 Rev'  
*Chapter 1 of ITU-R Report (Doc 3)*

**Appendix 1**

1. Name of ITU Member State.....

2. Name the Administration Filling the Questionnaire: .....

3. Endorsements - To endorse see Note 1

4. Name of the Chief Executive Officer (CEO) of the Administration

.....

5. Signature of CEO and Official Stamp

.....

AFCP #	01								
Endorsement (See Note 1)									

**Note 1**

**Nomenclature:**

Tick(√) = endorsement of AFCP

Cross(X) = rejection of AFCP

Blank = pending decision of endorsement or rejection of AFCP

When duly filled please return the endorsement form to:

Mr. Akossi Akossi  
The Secretary General  
African Telecommunications Union  
P O. Box 35282  
00200 NAIROBI  
Fax: +254 20 219445/  
E-mail: [sg@atu-uat.org](mailto:sg@atu-uat.org)



## Co-signatories for AFCPs on Chapter 1

## Appendix 2

	AFCP #	01	02	03	04	05
1	Algeria					
2	Egypt					
3	Libya					
4	Morocco					
5	Tunisia					
6	Benin					
7	Burkina Faso					
8	Cape Verde					
9	Côte d'Ivoire					
10	Gambia					
11	Ghana					
12	Guinea					
13	Guinea Bissau					
14	Liberia					
15	Mali					
16	Mauritania					
17	Niger					
18	Nigeria					
19	Senegal					
20	Sierra-Leone					
21	Togo					
22	Angola					
23	Burundi					
24	Cameroon					
25	Central African Rep.					
26	Chad					
27	Congo					
28	Congo DR					
29	Equatorial Guinea					
30	Gabon					
31	Rwanda					
32	Sao Tome and Principe					
33	Comoros					
34	Djibouti					
35	Eritrea					
36	Ethiopia					
37	Kenya					
38	Madagascar					
39	Mauritius					
40	Seychelles					
41	Somalia					
42	Sudan					
43	Tanzania					
44	Uganda					
45	Botswana					
46	Lesotho					
47	Malawi					
48	Mozambique					
49	Namibia					
50	South Africa					
51	Swaziland					
52	Zambia					
53	Zimbabwe					
Total Co-signatories						

Key: (✓) = Endorsement, Cross (X)= Rejection and Blank= Pending decision

## **2.2. Chapter 2 of ITU-R Report to the first Session of RRC (Doc 3)**

### **AFCP/xy/01**

ADD definition of existing analog broadcasting stations.

Existing station: is a broadcasting station ensuring the coverage of a determined service area and its assignment is recorded either:

- in the MIFR,
- or in the Plan,
- or in the Plan and MIFR,
- or notified to BR 3 months before the start of second session.

### **AFCP/xy/02**

ADD definition of planned analog broadcasting stations.

Planned analog broadcasting station, is an assignment recorded as an entry of the updated Plans ST61 and GE 89.

### **AFCP/xy/03**

ADD definition of Existing service:

Existing service: is the service, other than broadcasting, using the bands concerned by the planning conference and operating in conformity with the Radio regulations, that shall be protected during a certain period to be defined by the administration. This protection may be limited to a transition period.

### **Reasons:**

This major issue of definitions of existing/planned stations has a direct impact on the planning process with respect to the constraints to be taken into account according to the number of stations and of the services to be protected.

However, the stations in service should be protected under conditions which the conference would adopt.

### **Remarks:**

- 1- the existing stations that are in operation, administrations must notify them urgently to the BR, in order that the planning process due take them into account; including stations of services other than broadcasting and using the bands subject of the planning conference in conformity with the Radio Regulations.
- 2- We should be aware that this taking into account put constraints for the future plan. The constraints could be lightened if this protection is limited to only a certain period of transition that is determined by each administration.

Endorsement Form for Draft AFCPs on 'resolves 2.1 of  
Resolution 1185 Rev'  
*Chapter 2 of ITU-R Report (Doc 3)*

**Appendix 1**

**1. Name of ITU Member State.....**

**2. Name the Administration Filling the Questionnaire: .....**

**3. Endorsements - To endorse see Note 1**

**4. Name of the Chief Executive Officer (CEO) of the Administration**

.....

**5. Signature of CEO and Official Stamp**

.....

AFCP #	01	02	03						
Endorsement (See Note 1)									

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## Co-signatories for AFCPS on Chapter 2

## Appendix 2

	AFCP #	01	02	03	04	05
1	Algeria					
2	Egypt					
3	Libya					
4	Morocco					
5	Tunisia					
6	Benin					
7	Burkina Faso					
8	Cape Verde					
9	Côte d'Ivoire					
10	Gambia					
11	Ghana					
12	Guinea					
13	Guinea Bissau					
14	Liberia					
15	Mali					
16	Mauritania					
17	Niger					
18	Nigeria					
19	Senegal					
20	Sierra-Leone					
21	Togo					
22	Angola					
23	Burundi					
24	Cameroon					
25	Central African Rep.					
26	Chad					
27	Congo					
28	Congo DR					
29	Equatorial Guinea					
30	Gabon					
31	Rwanda					
32	Sao Tome and Principe					
33	Comoros					
34	Djibouti					
35	Eritrea					
36	Ethiopia					
37	Kenya					
38	Madagascar					
39	Mauritius					
40	Seychelles					
41	Somalia					
42	Sudan					
43	Tanzania					
44	Uganda					
45	Botswana					
46	Lesotho					
47	Malawi					
48	Mozambique					
49	Namibia					
50	South Africa					
51	Swaziland					
52	Zambia					
53	Zimbabwe					
Total Co-signatories						

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## **2.3. Chapter 3 of the ITU-R Report to the first session (Doc 3)**

### **AFCP/xy/01**

The three element planning layers of paragraph 3.4.3 of ITU-R Report (document 3 of RRC-04) should be determined before the commencement of the intersession work.

#### **Reasons:**

These planning elements are needed for the digital requirements that have to be submitted for the intersession activities.

### **AFCP/xy/02**

The planning process should deal with the two bands separately:

VHF-Band III and UHF Bands IV & V.

See also §10.1.1.3 of ITU-R.

**Reasons:** The usage of VHF band III, in terms of frequency, channeling, the extensive usage of analog TV, the future use of T-DAB by some countries lead logically to a separate planning process for VHF and UHF.

### **AFCP/xy/03**

Bases for the plan

Support of paragraphs of TG 6/8 Report relevant to Principles with an amendment, planning approaches, planning process

### **AFCP/xy/04**

In § 3.4.1 of TG 6/8 Report (document 3 of RRC-04), Planning principles, ADD the following indents:

- Flexible and forward looking plan;
- Bilateral or multilateral negotiations for digital assignments and interim plans where appropriate;
- Administrations may declare incompatible requirements as compatible.
- Resolution of incompatibilities through the outcome of planning exercises to be run in between the two sessions and in the second session of the Conference.

### **AFCP/xy/05**

Planning Process See §3.4.1.2 of ITU-R Report.

Based on the outcome of the first session of the RRC, the selection of lattice-based or non-lattice-based planning method can be done.

### **AFCP/xy/06**

Planning methods

Assignment, allotment requirement forms both are acceptable

### **AFCP/xy/07**

### Band III

The use of Band III should permit both DVB-T & T-DAB services.

### **AFCP/xy/08**

In VHF band III, to retain the existing situation on the channel raster to be used and to harmonize, where possible, with neighboring countries in order to get more flexibility.

**Reasons:** This conference is a good opportunity to harmonize to maximum extent possible the analog environment like channeling, bandwidth spacings and other characteristics in order to prepare a better digital environment which will allow better standardization of future digital equipments and terminals, and at lower prices.

### **AFCP/xy/09**

#### Band IV & V

For these administrations, DVB-T System will be used with a channel bandwidth of 8 MHz.

### **AFCP/xy/10**

The following consideration shall be applied for VHF and UHF bands:

- The planning process should deal with MFN, SFN, and mixed configurations.
- The number of system variants to be considered in the planning process should be limited to minimum.

### **AFCP/xy/11**

In VHF Band-III, Reception Modes to be considered in the planning process are: Fixed, Portable, Mobile

In UHF Bands IV and V, Reception Modes to be considered in the planning process are: Fixed, Portable, Mobile

For DVB-T, the Location Probability for reception is 70%, 95%.

For T-DAB, the Location Probability for reception is 99%.

### **AFCP/xy/12**

Most of the African administrations are in favour to use Scenario N°2 in VHF Band III and Scenario 2,3 in UHF bands IV and V.

However, each administration is sovereign in its definitive choice.

See § 3.4.2.3.2 Planning scenarios of ITU-R Report.

### **AFCP/xy/13**

Mod § 3.4.2.3.2 planning scenario 2 of TG 6/8 Report (document 3 of RRC-04), as follows:

The primary assumption made for this scenario is that during the planning process all existing or planned analogue assignments would need to be protected by all new digital requirements for a period to be decided by the Conference. The analogue assignments would be converted to digital assignments and would form part of a future all-digital plan at a later stage by applying appropriate procedures to be decided by the Conference.

**Reasons:**

This underlined part of sentence is contradictory with other text in chapter 3 defining scenario 2, like :

“ In this scenario, any administration could decide for itself:

– when any of its analogue assignments would be converted to digital assignments.”

Or in chapter 6 defining transition, like :

“The new agreement should contain a transitional arrangement at the end of which all analogue television terrestrial broadcasting must be switched off. This period may vary from country to country or from region to region”

There should be smooth and managed transition to digital broadcasting environment.

**AFCP/xy/14**

The new Agreement shall protect the existing and planned analog broadcasting stations that are declared to be protected.

**Reasons:**

Only declared existing/planned stations will be protected.

**AFCP/xy/15**

Analogue stations declared to be protected should be treated as follows:

The ones that are recorded in the up-dated plans ST61 and GE 89, and

The ones that are recorded in the Master Register MIFR with favourable findings are protected without any condition;

The ones that are in operation and recorded before 01<sup>st</sup> July 1997 in the Master Register MIFR with unfavourable findings are protected without any condition;

The ones that are in operation and recorded after 01<sup>st</sup> July 1997 and before 10<sup>th</sup> may 2001 in the Master Register MIFR with unfavourable findings and no claim of interference was received by BR, are protected without any condition;

The ones that are in operation and recorded after 10<sup>th</sup> of may 2001 and 10<sup>th</sup> of may 2004 in the Master Register MIFR with unfavourable findings, are protected with conditions (see AFCP /xy/16) and a remark giving the list of affected administrations;

The ones that are in operation and recorded after 10<sup>th</sup> of may 2004 and [xx/yy/zzzz] in the Master Register MIFR with unfavourable findings, are protected with conditions (see AFCP /xy/16) and a remark giving the list of affected administrations.

**AFCP/xy/16**

The conditions of protection in the above proposal (AFCP/xy/15) are as follows:

- The protection is limited to a period to be agreed among the concerned administrations; or
- The concerned administrations might accept through bilateral or multilateral agreements mutual and reciprocal coverage; or
- The concerned administrations accept through bilateral or multilateral agreements mutual interference and a small reduction of the service area.
- During the negotiations, it is advisable to use terrain data propagation model, where possible.

- The new Agreement shall protect the existing and planned primary services sharing the bands 174-230MHz and 470-862 MHz, and operating in conformity with the Radio Regulations.

#### **AFCP/xy/17**

The form should contain:

- Existing /planned analogue broadcasting station requirements to be protected by the planning process during the second session
- Existing/ planned analogue broadcasting station requirement to be protected during transition phase and not by the planning process during the second session.
- Existing/planned service requirement (other than broadcasting) to be protected by the planning process during the second session
- Existing/planned service requirement (other than broadcasting) to be protected during transition phase and not by the planning process during the second session.
- New digital broadcasting requirements

#### **Reasons:**

The precision, to protect an Existing/planned station of broadcasting or a service during the transition and not during the process of planning, is very significant. This protection of these various analogues stations constitutes a constraint for the future digital plan in terms of spectrum efficiency and in terms of bringing into operation digital assignments/allotments. Thus, this constraint could be reduced if this protection is defined for a certain transition period that each administration would be able to determine.

#### **AFCP/xy/18**

The administration should declare if a requirement is intended for operation either in VHF band III or in UHF bands IV and V.

See also §10.1.2.1 of ITU-R Report (document 3 of RRC-04).

#### **Reasons:**

It is up to the administration to choose the frequency band to be used for a requirement. The planning process gives a channel or a frequency to the requirement after analysis and synthesis.

#### **AFCP/xy/19**

The form should contain at least data of the :

- T02 notice form;
- The planning elements (see §3.4.3 of ITU-R Report, the layers information);
- Allotment or assignment requirement.

See chapter 9 of ITU-R Report

#### **AFCP/xy/20**

The data should be presented in electronic form as defined by the BR

#### **Reasons:**



The data should be in forms used by the BR. In order to avoid extra expenses in this nowadays financial crisis that is experiencing ITU.

Endorsement Form for Draft AFCPs on 'resolves 2.1 of  
Resolution 1185 Rev'  
**Chapter 3 of ITU-R Report (Doc 3)**

**Appendix 1**

1. **Name of ITU Member State**.....
2. **Name the Administration Filling the Questionnaire:** .....
3. **Endorsements** - To endorse see Note 1
4. **Name of the Chief Executive Officer (CEO) of the Administration**  
.....
5. **Signature of CEO and Official Stamp**  
.....

AFCP #	01	02	03	04	05	06	07	08	09	10
Endorsemen (See Note 1)										

AFCP #	11	12	13	14	15	16	17	18	19	20
Endorsemen (See Note 1)										

**Note 1**

**Nomenclature:**

- Tick(√) = endorsement of AFCP  
 Cross(X) = rejection of AFCP  
 Blank = pending decision of endorsement or rejection of AFCP

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 The Secretary General  
 African Telecommunications Union  
 P O Box 35282  
 00200 NAIROBI  
 Fax: +254 20 219445/  
 E-mail: [sg@atu-uat.org](mailto:sg@atu-uat.org)

## Co-signatories for AFCPs on Chapter 3

## Appendix 2

	AFCP #	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
1	Algeria															
2	Egypt															
3	Libya															
4	Morocco															
5	Tunisia															
6	Benin															
7	Burkina Faso															
8	Cape Verde															
9	Côte d'Ivoire															
10	Gambia															
11	Ghana															
12	Guinea															
13	Guinea Bissau															
14	Liberia															
15	Mali															
16	Mauritania															
17	Niger															
18	Nigeria															
19	Senegal															
20	Sierra-Leone															
21	Togo															
22	Angola															
23	Burundi															
24	Cameroon															
25	Central African Rep.															
26	Chad															
27	Congo															
28	Congo DR															
29	Equatorial Guinea															
30	Gabon															
31	Rwanda															
32	Sao Tome and Principe															
33	Comoros															
34	Djibouti															
35	Eritrea															
36	Ethiopia															
37	Kenya															
38	Madagascar															
39	Mauritius															
40	Seychelles															
41	Somalia															
42	Sudan															
43	Tanzania															
44	Uganda															
45	Botswana															
46	Lesotho															
47	Malawi															
48	Mozambique															
49	Namibia															
50	South Africa															
51	Swaziland															
52	Zambia															
53	Zimbabwe															
Total Co-signatories																

Key: (√) = Endorsement, Cross (X)= Rejection and Blank= Pending decision

## Co-signatories for AFCPs on Chapter 3

## Appendix 2

Key: (√) = Endorsement  
Cross (X)= Rejection and  
Blank= Pending decision

	AFCP #	16	17	18	19	20			
1	Algeria								
2	Egypt								
3	Libya								
4	Morocco								
5	Tunisia								
6	Benin								
7	Burkina Faso								
8	Cape Verde								
9	Côte d'Ivoire								
10	Gambia								
11	Ghana								
12	Guinea								
13	Guinea Bissau								
14	Liberia								
15	Mali								
16	Mauritania								
17	Niger								
18	Nigeria								
19	Senegal								
20	Sierra-Leone								
21	Togo								
22	Angola								
23	Burundi								
24	Cameroon								
25	Central African Rep.								
26	Chad								
27	Congo								
28	Congo DR								
29	Equatorial Guinea								
30	Gabon								
31	Rwanda								
32	Sao Tome and Principe								
33	Comoros								
34	Djibouti								
35	Eritrea								
36	Ethiopia								
37	Kenya								
38	Madagascar								
39	Mauritius								
40	Seychelles								
41	Somalia								
42	Sudan								
43	Tanzania								
44	Uganda								
45	Botswana								
46	Lesotho								
47	Malawi								
48	Mozambique								
49	Namibia								
50	South Africa								
51	Swaziland								
52	Zambia								
53	Zimbabwe								
Total Co-signatories									

## **2.4 Chapter 4 of ITU-R Report to the first session (Doc 3)**

### **AFCP/xy/01**

These administrations endorse the use of Recommendation ITU-R P.1546 as the propagation prediction model for the RRC provided the anomalies detected will be corrected, otherwise Recommendation ITU-R P.370 with its associated curves will be used for the planning process. The different climatic zones should be taken into account.

Endorsement Form for Draft AFCPs on 'resolves 2.1 of  
Resolution 1185 Rev'  
*Chapter 4 of ITU-R Report (Doc 3)*

**Appendix 1**

**1. Name of ITU Member State**.....

**2. Name the Administration Filling the Questionnaire:** .....

**3. Endorsements** - To endorse see Note 1

**4. Name of the Chief Executive Officer (CEO) of the Administration**

.....

**5. Signature of CEO and Official Stamp**

.....

AFCP #	01								
Endorsement (See Note 1)									

**Note 1**

**Nomenclature:**

Tick(√) = endorsement of AFCP

Cross(X) = rejection of AFCP

Blank = pending decision of endorsement or rejection of AFCP

When duly filled please return the endorsement form to:

Mr. Akossi Akossi  
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African Telecommunications Union  
P O. Box 35282  
00200 NAIROBI  
Fax: +254 20 219445/  
E-mail: [sg@atu-uat.org](mailto:sg@atu-uat.org)

## Co-signatories for AFCPs on Chapter 4

## Appendix 2

	AFCP #	01		
1	Algeria			
2	Egypt			
3	Libya			
4	Morocco			
5	Tunisia			
6	Benin			
7	Burkina Faso			
8	Cape Verde			
9	Côte d'Ivoire			
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50	South Africa			
51	Swaziland			
52	Zambia			
53	Zimbabwe			
Total Co-signatories				

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## **2.5 Chapter 5 of ITU-R Report to the first session (Doc 3)**

### **AFCP/xy/01**

These administrations support the paragraphs of Chapter 5 of ITU-R Report (document 3 of RRC-04), concerning Planning criteria, Reception mode, Protection Ratio, Spectrum Mask and Network configuration.



1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
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AFCP #	01								
Endorsement (See Note 1)									

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## Co-signatories for AFCPs on Chapter 5

## Appendix 2

	AFCP #	01		
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3	Libya			
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53	Zimbabwe			
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## 2.6 Chapter 6 of ITU-R Report to the first session (Doc 3)

### **AFCP/xy/01**

After § 6.3 of ITU-R Report (document 3 of RRC-04), ADD the following text:  
VHF Band III is extensively used for the analog TV as universal coverage, and great investments were made for the development and the renewal of the broadcasting TV stations in VHF. On the other hand, in these countries UHF bands are much less used.

In general, the actual usage of the Bands III, IV and V is very different. It is also the case concerning the situations of the industrial actors and the market, are very different from country to country and from region to region.

Therefore, in VHF band, the transition period will take a longer time compared to UHF bands.

### **AFCP/xy/02**

Mod § 6.4.2 planning scenario 2 of ITU-R Report (document 3 of RRC-04), as follows:

#### 6.4.2 planning scenario 2

In this scenario (§3.4.2.3.2) all existing or planned analogue assignments are to be protected from new digital requirements, and the analogue assignments would be converted to digital in appropriate time ~~to be decided by the Conference~~ and will form part of the all-digital plan.

#### **Reasons:**

See reasons expressed in proposal AFCP/xy/13 in chapter 3.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
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AFCP #	01	02							
Endorsement (See Note 1)									

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## Co-signatories for AFCPs on Chapter 6

## Appendix 2

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## **2.7 Chapter 7 of ITU-R Report to the first session (Doc 3)**

### **AFCP/xy/01**

These administrations support Scenarios 2, 3 for sharing between DVB-T and T-DAB services in VHF band III.

See Chapter 7, sharing scenarios between DVB-T and T-DAB services in VHF band III of ITU-R Report (document 3 of RRC-04).

Reasons :

To avoid incompatibility problems between DVB-T and T-DAB in the border areas,  
and to ensure spectrum efficiency;

And the need to favour the transition from the analogue television to DVB-T.

**1. Name of ITU Member State**.....

**2. Name the Administration Filling the Questionnaire:** .....

**3. Endorsements** - To endorse see Note 1

**4. Name of the Chief Executive Officer (CEO) of the Administration**

.....

**5. Signature of CEO and Official Stamp**

.....

AFCP #	01								
Endorsement (See Note 1)									

**Note 1**

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## Co-signatories for AFCPs on Chapter 7

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53	Zimbabwe			
Total Co-signatories				

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## 2.8 Chapter 8 of ITU-R Report to the first session (Doc 3)

### AFCP/xy/01

Mod § 8.1.4.1.1. of ITU-R Report (document 3 of RRC-04), as follows:

8.1.4.1.1 Information concerning protection needs of digital terrestrial broadcasting. Basic elements which are needed for the protection of digital terrestrial broadcasting assignments are:

- centre frequency;
- type of service;
- field strength to be protected;
- protection ratio as a function of frequency separation between other service and digital terrestrial broadcasting centre frequencies;
- percentage time for which protection is required.

The coverage area of digital terrestrial broadcasting is usually described by a set of ~~test points (latitude, longitude and height above ground)~~ characteristics (transmitting antennas location, radiated power,..)

For fixed reception, the antenna pattern, polarization, and the main beam direction are needed.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
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AFCP #	01								
Endorsement (See Note 1)									

**Note 1**

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## Co-signatories for AFCPs on Chapter 8

## Appendix 2

	AFCP #	01		
1	Algeria			
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3	Libya			
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53	Zimbabwe			
Total Co-signatories				

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## **2.9 Chapter 9 of ITU-R Report to the first session (Doc 3)**

### **AFCP/xy/01**

When an administration does not supply data agreed by the conference as mandatory, the BR after a reminder, shall use by default the Master register MIFR or relevant plan.

#### **Reasons:**

Such cases have to be foreseen in order to not block the planning process.  
This would be also valuable during the intersession activities.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
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5. Signature of CEO and Official Stamp  
.....

AFCP #	01								
Endorsement (See Note 1)									

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## Co-signatories for AFCPs on Chapter 9

## Appendix 2

	AFCP #	01		
1	Algeria			
2	Egypt			
3	Libya			
4	Morocco			
5	Tunisia			
6	Benin			
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52	Zambia			
53	Zimbabwe			
Total Co-signatories				

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### **3. Draft AFCPs for Agenda on 'resolves 2.2 of Council Resolution 1185 Rev'**

#### **AFCP/xy/ 01**

The Final date for data submission before the second session should be three months before the start of the second session.

#### **Reasons:**

Three months is a good compromise between the need of ample time to perform planning exercises and the time to allow forwarding back and forth of data between administrations and BR (validation, correction of data).

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
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AFCP #	01								
Endorsement (See Note 1)									

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# Co-signatories for AFCPs on 'resolves 2.2 of Resolution 1185 Rev' Appendix 2

	AFCP #	01		
1	Algeria			
2	Egypt			
3	Libya			
4	Morocco			
5	Tunisia			
6	Benin			
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53	Zimbabwe			
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#### **4. Draft AFCPs for Agenda on 'resolves 2.3 of Council Resolution 1185 Rev**

##### **AFCP/xy/ 01**

Duration of the second session should be five weeks.

The date of the second session should be early 2006.

##### **Reasons:**

Five weeks are needed in order to examine the new plan, to allow negotiations, multilateral agreements for the transition time scales and process, to address compatibility issues.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
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AFCP #	01								
Endorsement (See Note 1)									

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## **5. Draft AFCPs for Agenda on 'resolves 2.4 of Council Resolution 1185 Rev**

### **AFCP/xy/ 01**

One single agreement to govern broadcasting service in bands III, IV and V. The new Agreement shall contain the relevant part of ST61 & GE89 with their procedures as well as the new digital Plan with its procedure:

- A new plan for digital terrestrial broadcasting in Band III with provisions for sound and television broadcasting;
- A new plan for digital terrestrial broadcasting for Band IV and V with provision for television broadcasting;
- The plan for analogue terrestrial television in Bands III, IV and V as currently associated with the ST61 Agreement;
- The plan for analogue terrestrial television in Bands III, IV and V as currently associated with the GE89 Agreement;
- a certain form of a list of coordinated analogue terrestrial television stations in Bands III, IV and V for countries in the planning area which are outside the GE89 and ST 61.
- Provisions for transition from analogue to digital broadcasting.

The relevant part of ST61 and GE89 with their respective procedures to be transferred to the new agreement.

### **Reasons:**

These administrations are of the view that the first alternative described in paragraph 1.2.2.1 (scope of the Agreement) of ITU-R Report (Doc 3 of RRC-04) is more advantageous.

### **AFCP/xy/02**

The entry into force of the new agreement and associated frequency plans should take place, in considering an ample time to resolve incompatibility issues not resolved during the second session , but not later than 12 months after the end of the second session.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
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5. Signature of CEO and Official Stamp  
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AFCP #	01	02							
Endorsement (See Note 1)									

#### Note 1

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52	Zambia				
53	Zimbabwe				
Total Co-signatories					

Key: (✓) = Endorsement, Cross (X)= Rejection and Blank= Pending decision

## **6. Draft AFCPs for Agenda on 'resolves 3 of Council Resolution 1185 Rev'**

Proposals under agenda item 2.1 are valid for agenda item 3.1 and vice-versa.

**Reasons:**

Most of materials to be included in the technical base of the first session Report would be valuable for inclusion in the technical part of the Agreement.

**AFCP/xy/01**

To establish coordination procedures between broadcasting services such as DVB-T/DVB-T, DVB-T/Analogue TV, DVB-T/T-DAB, Analogue TV/T-DAB,.

**AFCP/xy/02**

The ST61 and GE 89 Agreements will be revised with the view to abrogate the transferred part .

**Reasons:** as a consequence of AFCP/xy/ 01 of 'resolves 2.4'.



1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
.....

AFCP #	01	02							
Endorsement (See Note 1)									

### Note 1

#### Nomenclature:

- Tick(√) = endorsement of AFCP  
 Cross(X) = rejection of AFCP  
 Blank = pending decision of endorsement or rejection of AFCP

When duly filled please return the endorsement form to:

Mr. Akossi Akossi  
 The Secretary General  
 African Telecommunications Union  
 P O. Box 35282  
 00200 NAIROBI  
 Fax: +254 20 219445/  
 E-mail: [sg@atu-uat.org](mailto:sg@atu-uat.org)

## Co-signatories for AFCPs on 'resolves 3 of Resolution 1185 Rev' Appendix 2

	AFCP #	01	02		
1	Algeria				
2	Egypt				
3	Libya				
4	Morocco				
5	Tunisia				
6	Benin				
7	Burkina Faso				
8	Cape Verde				
9	Côte d'Ivoire				
10	Gambia				
11	Ghana				
12	Guinea				
13	Guinea Bissau				
14	Liberia				
15	Mali				
16	Mauritania				
17	Niger				
18	Nigeria				
19	Senegal				
20	Sierra-Leone				
21	Togo				
22	Angola				
23	Burundi				
24	Cameroon				
25	Central African Rep.				
26	Chad				
27	Congo				
28	Congo DR				
29	Equatorial Guinea				
30	Gabon				
31	Rwanda				
32	Sao Tome and Principe				
33	Comoros				
34	Djibouti				
35	Eritrea				
36	Ethiopia				
37	Kenya				
38	Madagascar				
39	Mauritius				
40	Seychelles				
41	Somalia				
42	Sudan				
43	Tanzania				
44	Uganda				
45	Botswana				
46	Lesotho				
47	Malawi				
48	Mozambique				
49	Namibia				
50	South Africa				
51	Swaziland				
52	Zambia				
53	Zimbabwe				
Total Co-signatories					

Key: (✓) = Endorsement, Cross (X)= Rejection and Blank= Pending decision

## **7. Draft AfCPs for Agenda on 'resolves 4 of Council Resolution 1185 Rev**

### **AFCP/xy/01**

To convene two short conferences in succession with the second session of the RRC in order to revise/abrogate ST61 & GE89 as appropriate, in accordance with *resolves 3.5* of Resolution 1185 (Modified 2003).

### **AFCP/xy/02**

The two short conferences should not be in parallel because some countries are signatories of both Agreements ST61 & GE89.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....

**5. Signature of CEO and Official Stamp**

.....

AFCP #	01	02							
Endorsement (See Note 1)									

**Note 1**

**Nomenclature:**

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 E-mail: [sg@atu-uat.org](mailto:sg@atu-uat.org)

## Co-signatories for AFCPs on 'resolves 4 of Resolution 1185 Rev' Appendix 2

	AFCP #	01	02		
1	Algeria				
2	Egypt				
3	Libya				
4	Morocco				
5	Tunisia				
6	Benin				
7	Burkina Faso				
8	Cape Verde				
9	Côte d'Ivoire				
10	Gambia				
11	Ghana				
12	Guinea				
13	Guinea Bissau				
14	Liberia				
15	Mali				
16	Mauritania				
17	Niger				
18	Nigeria				
19	Senegal				
20	Sierra-Leone				
21	Togo				
22	Angola				
23	Burundi				
24	Cameroon				
25	Central African Rep.				
26	Chad				
27	Congo				
28	Congo DR				
29	Equatorial Guinea				
30	Gabon				
31	Rwanda				
32	Sao Tome and Principe				
33	Comoros				
34	Djibouti				
35	Eritrea				
36	Ethiopia				
37	Kenya				
38	Madagascar				
39	Mauritius				
40	Seychelles				
41	Somalia				
42	Sudan				
43	Tanzania				
44	Uganda				
45	Botswana				
46	Lesotho				
47	Malawi				
48	Mozambique				
49	Namibia				
50	South Africa				
51	Swaziland				
52	Zambia				
53	Zimbabwe				
Total Co-signatories					

Key: (✓) = Endorsement, Cross (X)= Rejection and Blank= Pending decision

## **8. Draft AFCPs for Agenda on 'resolves 5 of Council Resolution 1185 Rev**

### **AFCP/xy/01**

The RRC-04 shall set up a Project Planning Team, open to administrations, assisted by the BR to undertake the planning exercises prior to the second session.

See Resolution XXX- to be developed

### **AFCP/xy/02**

The RRC-04 shall activate the Special Committee on Regulatory and Procedural Matters in conformity with Res.38-3.

See Resolution YYY to be developed.

1. Name of ITU Member State.....
2. Name the Administration Filling the Questionnaire: .....
3. Endorsements - To endorse see Note 1
4. Name of the Chief Executive Officer (CEO) of the Administration  
.....
5. Signature of CEO and Official Stamp  
.....

AFCP #	01	02							
Endorsement (See Note 1)									

**Note 1**

**Nomenclature:**

- Tick(√) = endorsement of AFCP  
Cross(X) = rejection of AFCP  
Blank = pending decision of endorsement or rejection of AFCP

When duly filled please return the endorsement form to:

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The Secretary General  
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P O. Box 35282  
00200 NAIROBI  
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E-mail: [sg@atu-uat.org](mailto:sg@atu-uat.org)

## Co-signatories for AFCPs on 'resolves 5 of Resolution 1185 Rev' Appendix 2

	AFCP #	01	02		
1	Algeria				
2	Egypt				
3	Libya				
4	Morocco				
5	Tunisia				
6	Benin				
7	Burkina Faso				
8	Cape Verde				
9	Côte d'Ivoire				
10	Gambia				
11	Ghana				
12	Guinea				
13	Guinea Bissau				
14	Liberia				
15	Mali				
16	Mauritania				
17	Niger				
18	Nigeria				
19	Senegal				
20	Sierra-Leone				
21	Togo				
22	Angola				
23	Burundi				
24	Cameroon				
25	Central African Rep.				
26	Chad				
27	Congo				
28	Congo DR				
29	Equatorial Guinea				
30	Gabon				
31	Rwanda				
32	Sao Tome and Principe				
33	Comoros				
34	Djibouti				
35	Eritrea				
36	Ethiopia				
37	Kenya				
38	Madagascar				
39	Mauritius				
40	Seychelles				
41	Somalia				
42	Sudan				
43	Tanzania				
44	Uganda				
45	Botswana				
46	Lesotho				
47	Malawi				
48	Mozambique				
49	Namibia				
50	South Africa				
51	Swaziland				
52	Zambia				
53	Zimbabwe				
Total Co-signatories					

Key: (✓) = Endorsement, Cross (X)= Rejection and Blank= Pending decision



## **Overview Agenda and Programme of Work**

1. Opening Session
2. Information Session
3. Preparatory session
4. Closing Session

## WORK PROGRAMME OF THE MEETING

Time	1st Day 8/3/2004	2nd Day 9/3/2004	3rd Day 10/3/2004	4th Day 11/3/2004	5th Day 12/3/2004
8:00	Registration				
9:00	Opening Session	I S	P S	P S	P S
10:00	Tea/C Break				
		Tea/C Break	Tea/C Break	Tea/C Break	Tea/C Break
11:00	I S	I S	P S	P S	P S
12:00	I S	I S	P S	P S	P S
13:00	Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break
14:00					
15:00	I S	I S	P S	P S	P S
16:00	I S	I S	P S	P S	Closing Session
17:00					
18:00		DVB-T & DRM Thales Group			
19:00					
20:00					

Key:

P S=Preparatory Session

I S =Information Session

## REPORT OF THE INFORMATION SESSION

### 1. Purpose

The objective of the Information Session was to expose African Experts to the main issues of the first session of the Regional Radiocommunication Conference (RRC-2004) so that they could draft African Common Proposals during the Preparatory Session of the Africa Region Preparatory Experts Group Meeting.

### 2. Resources Personnel

The main resource personnel for this meeting was as follows:-

Mr. Akossi Akossi	Secretary General	ATU
Mr. Yao Kouakou J.B	ATCI	
Mr. Jim Connolly	CEPT	
Mr. Chris van Diepenbeek	CEPT	
Mr. Jean-Jaques Guitot	CEPT	
Mr. Philippe Mege	Thales Group	
Mr. Pierre Vasseur	Thales Group	
Mr. Gideon Mwakatobe	ATU	

### 3. Presentations

The Information Session was presided over by Cote d'Ivoire represented by Mr. Yao Kouakou Jean-Baptiste. The presentations were preceded by a statement of welcome from the Secretary General Mr. Akossi Akossi. The following presentations were made by CEPT:

- i) Organisation of CEPT
- ii) Organisation of the work on RRC in CEPT
- iii) Update of activities of the Informal Group
- iv) Introduction of the European Common Proposals
- v) Technical issues for RRC
- vi) Discussion on ITU-R Report to RRC (Doc 3)
- vii) Technical means for transition from analogue to digital TV broadcasting

The following presentations were made by Thales Group:

- i) Digital Video Broadcasting Terrestrial (DVB-T)
- ii) Digital Radio Mondial

The presentations were followed by questions posed by delegates to the resource personnel.

Documents for the Information Session will be available at ATU website as soon as possible.

**AGENDA FOR THE INFORMATION SESSION**

1. Opening Session
2. Organisation of CEPT
3. Organisation of the work on RRC in CEPT
4. Update of the activities of the Informal Group
5. Introduction of the European Common Proposals
6. Technical Issues for RRC
7. Discussion on ITU-R Report to the RRC (Document 3)
8. Technical means for transition from analogue to digital TV broadcasting
9. Digital Video Broadcasting Terrestrial (DVB-T)
10. Digital Radio Mondial (DRM)
11. AOB
12. Closure

## WORK PROGRAMME FOR THE INFORMATION SESSION

<b>1<sup>st</sup> Day 8/3/04</b>	
14.00	Opening Remarks
14.00 – 14.15	Organisation of CEPT
14.15 - 14.45	Overview Digital Broadcasting
14.45 – 15.15	Organisation of the work on RRC in CEPT
15.15 – 15.30	Update of the activities of the Informal Group
15.30 – 16.00	Coffee / Tea Break
16.00 – 17.00	Introduction of European Common Proposals
<b>2<sup>nd</sup> Day 9/3/2004</b>	
9.00 - 10.00	<i>Contd.</i> Introduction of the European Common Proposals
10.00 – 10.30	Technical Issues for RRC
10.30 – 11.00	Tea Break
11.00 – 13.00	Discussion on ITU- R Report to the RRC (Document 3)
13.00 – 14.30	Lunch Break
14.30 – 15.30	Technical means for transition from analogue to digital TV Broadcasting
15.30 – 15.45	DVB-T
15.45 – 16.15	Tea / Coffee Break
16.15 – 16.30	DRM
16.30 – 16.45	AOB
16.45 - 17.00	Closure

## REPORT ON THE PREPARATORY SESSION

### 1. PURPOSE

The purpose of this meeting was to evolve African Common Proposals (AfCPS) from the proposals made by African Administrations for RRC-04.

### 2. PARTICIPATION

Thirty-two Administrations, represented by eighty-two participants attended the meeting, including ATU. The Thales Group was represented by an observer. (See List of Participants in Annex 1).

### 3. AGENDA – WORK PROGRAMME

(See Annex 2).

### 4. ELECTION OF THE BUREAU

The meeting elected the following Bureau:

- Chairman: M. YAO KOUAKOU Jean Baptiste, Côte d'Ivoire;
- Vice-Chairman: Ms MMATHAPELO LENGOSANE, South Africa;
- Rapporteurs: MM. MBEGA Hilaire (Cameroon) and MAGESA Johannes (Tanzania).

### 5. SETTING UP OF A COMMITTEE

The meeting resolved to set up a committee to review the proposals made by Administrations and to summarize them.

The committee was chaired by Mr DJEMATENE (Algeria) with the representatives of Kenya and Mali as Rapporteurs.

The committee also included delegates from the following countries: South Africa, Botswana, Cameroon, Côte d'Ivoire, Egypt, Tanzania and Senegal.

### 6. ADOPTION OF DRAFT AFCPs

Circular CA-132 of the BR was presented by ATU with a view of explaining the format under which proposals should be presented to the Conference. Moreover, the endorsement process of the AfCPs was presented.

For the evolvement of AfCPs, the various country contributions were presented by the following Administrations: Algeria, Côte d'Ivoire, Egypt, Kenya, Mali and Tanzania. A contribution from the ATU-PEG was also presented.

Following thorough consideration of the contributions by an editorial group, draft AfCPs were submitted to the committee then to the meeting who endorsed them. There were 41 AfCPs in total. See Annex 3.

## **7. NOMINATION OF AFRICAN EXPERTS FOR THE PLANNING GROUP**

In line with Res. 1185 (rev.), a Planning Group composed of members from the different Administrations should be set up.

The meeting agreed that African sub-regions consult and nominate candidates. Nominations should be sent to the Secretariat General as soon as possible and in any case before the start of RRC-04.

## **8. BUREAU OF THE AFRICAN GROUP AT THE CONFERENCE**

The meeting agreed to maintain the group established at the ITU information session in Geneva, on 18 September, 2003, with the following members:

Chairman: Algeria  
Vice-Chairman: Nigeria  
Rapporteurs : ATU and URTNA

## **9. STRUCTURE OF THE CONFERENCE AND NOMINATION OF AFRICAN CANDIDATES**

Consultations are underway to nominate African candidates for positions in the Conference structure.

It was agreed that the working sub-group 5C suggested by the Informal Group would be a plenary session working group.

The meeting seconded the proposal by the Arab Group and CEPT concerning the appointment of Algeria (in the person of Slimane Djematene) as Chairman of Commission 5.

## **10. DIVERS**

For the information of the meeting, Cameroon presented a document on IMT-2000, and indicated that studies were still ongoing on the issue of IMT-2000 below 1 GHz, while requesting a follow-up of the issues raised in the document.

**DRAFT AGENDA FOR THE PREPARATORY SESSION**

1. Opening Remarks; the Secretary General of ATU, Mr. Akossi Akossi
2. Election of the Bureau
  - Chairman
  - Vice Chairman
  - Rapporteur
3. Establishment of Committee (s) to harmonize national positions and contributions on Conference Agenda Items and evolve draft African Common Proposals.
4. Adoption of the report(s) of the committee (s) on draft AFCPs.
5. Proposed structure of the Conference RRC-2004 and nominations of office bearers from Africa Region
6. Proposed structure of the Planning Project Team and nomination of African Experts.
7. Adoption of the report of the Preparatory Meeting
8. Closing Remarks by:-
  - Secretary General of ATU.
  - Chairman of the Preparatory Meeting.



# WORK PROGRAMME FOR THE PREPARATORY SESSION

Time	3rd Day 10/3/2004	4th Day 11/3/2004	5th Day 12/3/2004
8:00	Registration		
9:00	Agenda 1, Agenda 2, Agenda 3	Committee Work	Preparation of Final Report
10:00			
	Tea/C Break	Tea/C Break	Tea/C Break
11:00	Agenda 4	Committee Work	Preparation of Final Report
12:00	Committee Work	Committee Work	Agenda 7, and 8 on Closing for the session
13:00	Lunch Break	Lunch Break	Lunch Break
14:00	Committee Work	Agenda 5 Adoption of Committee Reports Agenda 6	
15:00			
16:00			
17:00			
18:00			
19:00			
20:00			

Key:

STATEMENTS MADE DURING THE OPENING CEREMONY

#	Statement	Page #
1.	Official Opening Speech of the Minister-	Appendix 1
2.	Statement of the Secretary General-	Appendix 2

SPEECH BY THE MINISTER OF MODERN INFORMATION AND  
TELECOMMUNICATIONS TECHNOLOGIES AT THE OPENING  
CEREMONY OF THE AFRICAN EXPERTS MEETING FOR THE  
PREPARATION OF THE REGIONAL RADIOCOMMUNICATION  
CONFERENCE  
(ABIDJAN, 8-12 MARCH, 2004)

- Ladies and Gentlemen representing Ministers,
- The Secretary General of the African Telecommunications Union (ATU),
- The Representative of the Union of National Radio and Television Corporations in Africa (URTNA),
- Representatives of the European Conference of Post and Telecommunication Administrations (CEPT),
- The Chairman of the Telecommunication Council of Côte d'Ivoire (CTCI),
- The Chairman of the National Communication and Audio Visual Authority (CNCA),
- The Chairman of the Board of Directors of the Telecommunication Agency of Côte d'Ivoire (ATCI),
- The Chairman of the National Radio and Television Corporation (RTI),
- Managing Directors,
- Distinguished Representatives of African Telecommunication Administrations,
- Distinguished Guests,
- Ladies and Gentlemen,

Allow me first and foremost, on behalf of the Government of National Reconciliation, to greet you all and warmly welcome our friends from abroad, to this experts meeting in preparation of the Regional Radiocommunication

Conference, in charge of planning digital terrestrial television in frequency bands 174-230 MHz and 470-862 MHz.

Côte d'Ivoire, land of friendship and hospitality, is much honored to have been selected to host this important meeting. Your presence on Ivorian land at this precise time is an evidence of the trust and friendship that the African telecommunication community has in our country.

Let me also thank and congratulate the Secretary General of ATU for thinking of organizing this meeting, to enable African experts to get a better understanding of the real issue in the Conference, and to harmonize the positions of our different States on the important issues to be discussed in Geneva comes next May.

This is an opportunity for me to recall that it is by its Resolution 1185, adopted in 2001 and revised at its 2003 session, that the ITU Council resolved to convene a two-session Regional Radiocommunication Conference, to plan the digital terrestrial broadcasting service in some parts of Regions 1 and 3, in frequency bands 174-230 MHz and 470-862 MHz.

The first session of the Conference to be held in Geneva from 10-28 May, 2004, aims at setting the necessary ground to facilitate the planning process prior to the second session, as well as spelling out the format in which Administrations should submit their needs. Hence the importance of the first session, that would set the pace for the eventual success of the planning process. That is why the key issues that would enable to ensure continuous and harmonious development of television services in our countries as a whole have to be addressed, and fair and equitable solutions have to be found. The aim, indeed, will be:

- to ensure adequate protection of existing or future analogue television stations from any harmful interferences;
- To organize swift and harmonious transition before the shift from analogue systems to digital systems, by enabling each country to perform the shift at its own pace;
- To ensure availability of frequencies, at any time and for all countries, through fair and equitable treatment of needs.

All this week long, you will get to know the content of the report prepared by the ITU Radiocommunication Sector (ITU-R) to help the Conference spell out the technical bases that will guide the planning process. You will exchange ideas with your colleagues from Europe and from Arab States, in order to harmonize your views. But most importantly, you will have to come up with common positions bound to become African Common Proposals (AfCPs), to be submitted to the Conference.

In your capacity as professionals, I am convinced that you will exactly define the actual needs of Africa, to ensure that her interests are effectively defended and protected in Geneva.

With these words, Ladies and Gentlemen, I am pleased to declare officially open the Africa Region experts meeting to prepare the 2004 Regional Radiocommunication Conference, and wish you successful deliberations.

Thank you for your attention.



**Statement of the Secretary General of ATU, Mr. Akossi Akossi, at the official opening of the Africa Region Preparatory Expert Group Meeting for the Regional Radiocommunication Conference, Abidjan 8-12 March 2004.**

The Chief Guest, **Hon. Hamed Bakayoko**, Minister of Modern Information and Communication Technologies

- ◆ Distinguished Representative of CEPT
- ◆ Distinguished Heads of Delegations
- ◆ Distinguished Representatives of Regional Telecom Organisations present
- ◆ Distinguished invited guests
- ◆ Distinguished Delegates
- ◆ Ladies and Gentlemen

Right from the outset, allow me to express my deep gratitude to the Government of the Republic of Cote d'Ivoire for accepting to host the Africa Region Preparatory Expert Group Meeting for the Regional Radiocommunication Conference (RRC-2004) that will be held in Geneva on 10-28 May 2004. Since the attendance and participation of African countries in the preparatory process for the Conference was low, the need for this meeting cannot be over-emphasized. African countries need to understand the issues that will be deliberated at the conference hence the information meeting. Equally important, African countries must take a position for each agenda item of the conference. But more importantly however, African countries must if possible speak with one voice at the conference because our problems are similar and hence the need for this preparatory meeting where African Common Proposals (AfCPs) are going to be generated. Furthermore it is an empirical fact

that with globalization, the voices of single countries are becoming fainter and fainter while the voices of groups of countries like CEPT in Europe, CITELE in the Americas, ATU in Africa are growing louder and louder. The Abidjan meeting is therefore timely.

I note with appreciation that the last ATU event, the Conference of Plenipotentiaries that was held again in Abidjan in August 2003, was also hosted by the Government of the Republic of Cote d'Ivoire. Among other things, the hospitality of Cote d'Ivoire places it under one of the most active Member States of the Union. May I therefore take this opportunity to recognize the excellent work being done by Cote d'Ivoire in promoting African unity in the field of ICT. May I also invite other Member States to emulate Cote d'Ivoire by, among other things, playing hosts to a number of ATU events in the offing.

On behalf of ATU Members I wish therefore to request the Minister **Hon. Hamed Bakayoko** to pass my heart-felt appreciation to His Excellency, the President of the Republic of Cote d'Ivoire **His Excellency Laurent Gbagbo** and the People of the Republic of Cote d'Ivoire for the sustained support to the activities of ATU even at a time when the nation is facing difficult situations.

Chief Guest and Ladies and Gentlemen

Allow me now to thank **Hon. Hamed Bakayoko**, the Minister Communications and Modern Information Technologies for accepting to officially open this event, especially taking into account of the fact that he has a very busy schedule. His keen interest in promoting the development of ICT in Africa is clearly visible.

Allow me again to express my appreciation to the European Conference of Postal and Telecommunications Administrations (CEPT) for accepting to organize and run the Information Session of this meeting at a very short notice. CEPT is the leader in the digital TV broadcasting technologies which we are all eager to use when agreement generated by the RRC-2004/05 is finally adopted. CEPT is represented here by three experts namely Messrs. Jim Connolly, the Chairman of CEPT ECC Working Group Frequency Management, Jean-Jacques Guitot of ANFR France and Chris van Diepenbeek, Chairman of CEPT ECC. I wish to formally welcome them to work with ATU in preparing African countries for signing a long term agreement for the implementation of digital broadcasting in our countries. Africa shall live to remember the contributing of CEPT for the introduction of digital broadcasting in the Africa.

Chief Guest and Ladies and Gentlemen

Permit me to introduce the African Telecommunications Union (ATU). ATU is the agency of the African Union for coordinating the development of ICT in Africa. It is the successor of the Pan African Telecommunications Union (PATU) that was created on 7<sup>th</sup> December 1977. ATU was established on 7<sup>th</sup> December 1999 following successful restructuring of PATU.

ATU has five core activity areas namely Global Decision-Making, Regional Market Integration, Institutional Capacity Building, Infrastructure Investment Promotion and Membership Decision-Making.

In globalization brought about by ICTs, 'out of sight out of mind'. Africa must be present and adequately prepared at international conference to



ensure that ICT global resources are equitably shared and Africa gets its rightful share. The General Secretariat must therefore prepare its members for these global conferences. The AFCP process is the accepted way that ensures that ATU membership is conference-ready.

The process is at its infancy and we are sure it will ultimately succeed. We used it for PP-2002 and WRC-2003 with tremendous success. We are using it to prepare ATU members for RRC-2004/05 WSIS-05 and WTSA-2004. We are working with our partners CEPT, CITELE, APT, to improve the process. We are reviewing the process to take stock of the reality. For example we note that organizing meetings like this is expensive. While one cannot eliminate meetings, we could reduce them to a bare minimum by using internet facilities. In this regard, the General Secretariat has established 'Online Delegate Forum' at its website where ATU membership will deliberate issues on the agenda of conferences. The physical meetings will be used for preparing and adopting AfCPs. I am pleased to inform you that the following Member States have sent their national positions for RRC-2004 to the General Secretariat: Algeria, Kenya and Mali in the order of arrival of the contributions and that the same positions will be submitted during the Abidjan preparatory meeting to generate AfCPs. I am also heartened to inform you that the Headquarters Preparatory Expert Group has prepared draft AfCPs for the work of this meeting. May I appeal to all Member States to participate actively in the AFCP preparatory process by establishing National Conference Preparatory Committees for various upcoming conferences.

Chief Guest, Ladies and Gentlemen

The Regional Market integration initiatives include activities like preparing Regional Radio Frequency Spectrum Allocation Table, harmonization of policy and regulatory framework at the regional level, to mention a few. These activities promote ICT investments and hence the socio-economic development of the regions and Africa in general. ATU Secretariat will coordinate these activities through its online delegate forums and meetings. Member states are welcome to participate in these activities.

Chief Guest, Ladies and Gentlemen

You are welcome to visit the ATU website to get the insight of the rest of the activities of the General Secretariat at the services of its members. Before I conclude, allow me to appeal to all ATU member states to communicate to the General Secretariat the names of the Head of the Delegation and Deputy so that the ATU team is known well in advance of the start date of the RRC-2004. This will enable the Secretariat prepare the defence team for the AfCPs at the venue of the RRC-2004 in Geneva.

Chief Guest, Ladies and Gentlemen

In conclusion, may I wish the Africa Region Preparatory Expert Group Meeting for RRC-2004 fruitful deliberations and results.

Thank you very much for your kind attention.

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**Statements made during the Closing Ceremony**

<b>#</b>	<b>Statement</b>	<b>Page #</b>
1.	Closing Speech of the Minister- Appendix 1	
2.	Closing Statement of the Secretary General -Appendix 2	
3.	Statement of the Director General of National Communication Authority (Ghana) -Appendix 3	

SPEECH BY THE MINISTER OF MODERN INFORMATION AND  
TELECOMMUNICATIONS TECHNOLOGIES AT THE CLOSING  
CEREMONY OF THE AFRICAN EXPERTS MEETING FOR THE  
PREPARATION OF THE REGIONAL RADIOCOMMUNICATION  
CONFERENCE  
(ABIDJAN, 8-12 MARCH, 2004)

- Ladies and Gentlemen representing Ministers,
- The Secretary General of the African Telecommunications Union (ATU),
- The Chairman of the Telecommunication Council of Côte d'Ivoire (CTCI),
- The Chairman of the National Communication and Audio Visual Authority (CNCA),
- The Chairman of the Board of Directors of the Telecommunication Agency of Côte d'Ivoire (ATCI),
- The Chairman of the National Radio and Television Corporation (RTI),
- Managing Directors,
- Distinguished Delegates,
- Ladies and Gentlemen,

Allow me first and foremost to thank you once again for having selected Côte d'Ivoire to host this African experts' group meeting to prepare the Regional Radiocommunication Conference, , in charge of planning digital terrestrial television in frequency bands 174-230 MHz and 470-862 MHz.

This meeting being the second of its kind to be organized by ATU in Côte d'Ivoire in the space of seven months, enabled to develop African Common Proposals (AFCPs) on the various issues to be discussed at the Regional Radiocommunication Conference, to be held in Geneva, from 10-28 May, 2004.

The most remarkable aspect of the deliberations of the past five days is no doubt the massive participation of ATU member States.

In this regard, I would like to remind you that significant efforts are still needed to enable Africa to speak with one voice during the Geneva deliberations, through the mechanism of AFCPs.

Allow me to say a few more words on the planning process of this Conference. Indeed, it encompasses multiple advantages for the Africa Region, including:

- adequate protection of existing or future analogue television stations from any harmful interferences;
- swift and harmonious transition before the shift from analogue systems to digital systems, by enabling each country to perform the shift at its own pace;
- availability of frequencies, at any time and for all countries, through fair and equitable treatment of needs.

There is no need to mention that such an approach will enable greater cohesion, by facilitating exchanges with other world regions attending the Conference.

You will agree with me that ATU can only become a real tool to solve Africa's problems in the field of telecommunications as a whole and radiocommunication in particular, if it enjoys the needed commitment, co-operation and support from its members.

I wish to commend the ATU Secretary General for all the initiatives taken in this regard.

Distinguished Delegates,  
Ladies and Gentlemen,

I strongly believe that the positions adopted by you all will be defended in Geneva.

Distinguished Delegates,  
Ladies and Gentlemen,

To end with, allow me once again to thank you on behalf of the President of the Republic, His Excellency Laurent Gbagbo, and on behalf of the Government of National Reconciliation, for having spared your time to honor the invitation by ATU to this meeting. Your discussions were indeed very useful and will no doubt enable to achieve progress in all radiocommunication fields, through the action of the Union. I would also like to urge you to popularize the African Common Proposals and to gather support for them from other countries, before their submission to the Regional Radiocommunication Conference.

I cannot conclude without wishing you all safe journey back to your respective countries.

With these words, Ladies and Gentlemen, I declare officially closed the Africa Region experts meeting to prepare the 2004 Regional Radiocommunication Conference.

Goodbye and see you soon.

**Statement by Mr. Akossi akossi, the Secretary General of ATU during the closing ceremony of the Africa Region Preparatory Experts Group Meeting held in Abidjan, Cote d'Ivoire, 8 - 12 March 2004.**

Chief Guest,  
Invited Guests,  
Distinguished Delegates,  
Ladies and Gentlemen.

'A person who plants seeds is expected to harvest in due course'. The seeds have been planted by: -

- Administrations - contributions to the Conference (RRC-04);
- CEPT and Thales - Information given during the Information Session;
- Cote d'Ivoire, for hosting the AR - PEG for RRC-04.

The harvest is the 41 draft AFCPs. We need to mature AFCPs into full AFCPs through endorsement process.

I wish to therefore express my gratitude to the Government of the Republic of Côte d'Ivoire for accepting to host the harvesting season for the African Region in preparation for RRC-04.

Thank the Administration for attending this meeting with 27 Administrations being represented by sixty four delegates. This is a well attended meeting.

Express our gratitude again to our partners CEPT and Thales for being of assistance in times of need.

Work for preparation of AFCP is ongoing. The following work is still outstanding: -

- i. Endorsement of draft AFCP
- ii. Defense of AFCPs at the venue of the Conference
- iii. Review of mature of AFCPs at the Conference
- iv. Addition of outstanding AFCPs before the Conference for endorsement during the ATU consultation meetings at the venue of the conference.

I therefore request Administrations to strengthen their relations for the RRC-04 for maximum participation and best results.

May I wish all delegates safe journey back home and look forward to meeting them in Geneva in May for RRC-2004.

Thank you all for your attention.

Au revoir.

**Statement of Major John R. K. Tandoh, Director General of the National  
Communications Authority (Ghana)**

Mr. Chairman,  
Honorable Representative of the Minister in charge of Communications,  
Your Excellency the Secretary General of ATU, Mr. Akossi Akossi,  
The Chairman of ATCI,  
The Director General of ATCI,  
The Director General of RTI,  
Distinguished Delegates,  
Ladies and Gentlemen,

Since this is my first time to take the floor at this meeting, may I take this opportunity to thank the host country, la Côte d'Ivoire for hosting the meeting in this beautiful city of Abidjan.

We are, indeed, grateful for the wonderful hospitality accorded to us. In this regard, we are thankful to the Government of Côte d'Ivoire and in particular the Minister in charge of Communications, the Director General of ATCI, as well as the planning committee and the hard working staff of the Agence des Télécommunications de Côte d'Ivoire (ATCI).

I also congratulate Mr. Kouakou Jean-Baptiste, the chairman of the meeting, as well as the entire Bureau elected at this meeting for the able manner in which this august meeting has been conducted. I am not surprised at this achievement because, I know the capabilities of Yao for having served with him 4 years at the ITU Radio Regulation Board where he later became vice and then chairman of the Board. Indeed he was the first African to have held the chairmanship of the Radio Regulation Board of the International Telecommunications Union.

I also take this opportunity to congratulate the Secretary General of ATU, in the person of Mr. Akossi Akossi, for his election to the position, and to Mr. Gideon Mwakatobe, the Radiocommunications Research and Programme Coordinator of ATU, for his role in keeping the ATU abreast of time, through the high level of organizational abilities that he exhibited from the then PATU (Pan African Telecommunications Union) to the present day ATU (African Telecommunications Union).

Mr. Chairman, the success of this meeting could not be achieved without the contribution of the technical Working Group under the chairmanship of Mr. Slimane Djimatene.

This meeting has indeed shown that Africa and, for that matter, the African Telecommunications Union (ATU), has the expertise to deliberate and find technical solutions to the challenges posed to the telecommunication industry within the Region.



Radiocommunication (telecommunication by radio waves) must be given due attention, since it affords to be the most convenient way of achieving universal access among developing countries where cable networks are scantily developed especially in underserved rural areas.

Mr. Chairman, the convergence of telecommunications, computers and broadcasting have brought about what is nowadays known as the Multimedia, through the application of digital transmission technologies.

It is the first step towards narrowing the digital divide and translating it into digital opportunities.

Africa cannot be left out in the race towards digitalization in broadcasting. We can achieve greater heights through Research and Development activities in Radiocommunication, such as propagation studies within our peculiar environmental conditions. This is necessary because those ITU studies were mostly conducted in temperate Region.

The case of West Africa Abnormal propagation of radio waves has been documented as CCIR Interim Working Party (IWP1/2 198).

Other issues to be studied in accordance with ITU Resolution 5 include:

- Refractivity measurements ;
- Rainfall attenuation ;
- etc.

This will go a long way in achieving the results we are aiming at in our proposals, particularly in AfCP/04, in our efforts towards reaching one single agreement to govern broadcasting in frequency bands III, IV, & V. This Agreement will contain relevant parts of ST61 and GE 89, which have been identified through Research and Development (R & D): it should not merely support what has been calculated through R & D activities conducted outside our peculiar climatic and meteorological environment.

R & D can help ATU establish the necessary coordination procedures to be used to revise ST 61 and GE 89.

This Agreement will enable the project planning team to undertake the planning process which will spell out adequately our own needs based on our peculiar climatic environment.

We must also address the need for convergence. Administrations whose Broadcasting Regulatory Agencies are different from their Telecommunication Regulatory Agencies, should involve their counterparts in future Radiocommunication Experts' Group discussions. This way, we shall be able to harmonize regulatory issues or Radiocommunication issues effectively.

Mr. Chairman, to conclude, I have to thank you for giving me this opportunity to deliver this short statement. Thank you all for your attention.

## **VOTE OF THANKS AND CONGRATULATIONS TO THE AUTHORITIES OF THE SISTER REPUBLIC OF CÔTE D'IVOIRE**

We, delegates from African countries to the Africa Region Preparatory Experts Group meeting for the Regional Radiocommunication Conference, held in the beautiful city of Abidjan, from 8-12 March, 2004, would like to thank the Ivoirian Authorities under the highly leadership of the President of the Republic, His Excellency Laurent Gbagbo, for the security and serenity conditions in which we conducted our deliberations.

We congratulate the leadership and staff of the National Telecommunication Agency of Côte d'Ivoire (ATCI) for the efficient arrangements and wonderful logistics that we were provided with, as well as the fraternal atmosphere during the meeting.

We wish to express our sincere gratitude to the African Telecommunications Union who initiated this meeting, and to all the sponsors of the meeting, including RTI, Côte d'Ivoire Telecom, Telecel and Orange.

We also wish to commend all the speakers, including CEPT and the Thales Group who, through their dynamism, have successfully led this information session.

We call upon all African countries to endorse the draft common proposals evolved during this meeting and, of course, to defend them at the Regional Radiocommunication Conference, scheduled in May, in Geneva.

Done in Abidjan, on the 12th Day of March 2004

THE PARTICIPANTS

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