



**Documents of the Regional Administrative Radio Conference for the Planning of VHF/UHF Television
Broadcasting in the African Broadcasting Area and Neighbouring Countries (2nd Session)
(RARC AFBC-2)
(Geneva, 1989)**

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Note by the Secretary-General

DRAFT

STRUCTURE OF THE
SECOND SESSION OF THE REGIONAL ADMINISTRATIVE CONFERENCE
FOR THE PLANNING OF VHF/UHF TELEVISION BROADCASTING
IN THE AFRICAN BROADCASTING AREA AND NEIGHBOURING COUNTRIES
(Geneva, 1989)

The agenda of the Conference appears in Resolution No. 968 which was adopted by the Administrative Council at its 42nd Session (1987) and amended at its 43rd Session (1988).

Bearing in mind Nos. 464 to 479 inclusive of the International Telecommunication Convention, Nairobi, 1982, the following committees and working group of the Plenary with their terms of reference are suggested. These terms of reference have been drawn up within the framework of the Convention, the Conference Agenda and in the light of experience gained at previous conferences.

Committee 1 - Steering Committee

Terms of Reference :

To coordinate all matters connected with the smooth execution of work and to plan the order and number of meetings, avoiding overlapping wherever possible in view of the limited number of members of some delegations (Nos. 468 and 469 of the International Telecommunication Convention, Nairobi, 1982).

Committee 2 - Credentials Committee

Terms of Reference :

To verify the credentials of delegations and to report on its conclusions to the Plenary Meeting within the time specified by the latter (Nos. 390 and 471 of the International Telecommunication Convention, Nairobi, 1982).

Committee 3 - Budget Control Committee

Terms of Reference :

To determine the organization and the facilities available to the delegates, to examine and approve the accounts of expenditure incurred throughout the duration of the Second Session of the Conference and to report to the Plenary Meeting the estimated total expenditure of the Second Session as well as the estimated costs entailed by the execution of the decisions of the Conference (Nos. 476 to 479 inclusive of the International Telecommunication Convention, Nairobi, 1982 and Nairobi Resolution No. 48).

Committee 4 - Planning Committee

Terms of Reference :

On the basis of the Report to the Second Session and proposals submitted by administrations, and taking into account the relevant parts of the reports of the IFRB and CCIR resulting from studies and planning exercises performed in accordance with that Report :

- to establish a frequency assignment Plan for use by television broadcasting in the planning area for the following VHF/UHF frequency bands:

- 47 to 68 MHz
(54 to 68 MHz for Botswana, Burundi, Lesotho, Malawi, Namibia, Rwanda, South Africa, Swaziland, Zaire, Zambia and Zimbabwe)
- 174 to 230 MHz
- 470 to 790 MHz, 790 to 862 MHz*
(agenda item 1);

- to include in the Plan the assignments to television stations in the bands 230 - 238 MHz and 246 - 254 MHz in the countries listed in No. 635 of the Radio Regulations, subject to the application of the procedure of Article 14 of the Radio Regulations for the other services to which the above-mentioned bands are allocated (agenda item 5).

* See also the conditions for the use of frequency assignments for the fixed service in the band 790 - 862 MHz.

Committee 5 - Regulatory Committee

Terms of Reference :

On the basis of the Report to the Second Session and proposals submitted by administrations, and taking account of the relevant parts of the report by the IFRB :

- to draw up an agreement for use by television broadcasting in the planning area for the following VHF/UHF frequency bands :

- 47 to 68 MHz
(54 to 68 MHz for Botswana, Burundi, Lesotho, Malawi, Namibia, Rwanda, South Africa, Swaziland, Zaire, Zambia and Zimbabwe)
- 174 to 230 MHz
- 470 to 790 MHz, 790 to 862 MHz*
(agenda item 1);

- to establish regulatory procedures pertaining to the sharing of the above bands between broadcasting and other services to which these bands are also allocated (agenda item 3);

- to establish the provisions which would define the conditions under which frequency assignments included in the Plan for the broadcasting service may be used by the administrations concerned in the fixed service in the band 790 - 862 MHz (agenda item 4).

Committee 6 - Editorial Committee

Terms of Reference :

To perfect the form of the texts to be included in the Final Acts of the Conference, without altering the sense, for submission to the Plenary Meeting (Nos. 473 and 474 of the International Telecommunication Convention, Nairobi, 1982).

* See also the conditions for the use of frequency assignments for the fixed service in the band 790 - 862 MHz.

Technical Working Group of the Plenary

Terms of Reference :

On the basis of the Report to the Second Session and proposals submitted by administrations, to review and revise, as necessary, the relevant propagation data to be used in the planning areas, taking account of the CCIR report prepared in accordance with Recommendation 3 of the First Session (agenda item 2).

Pekka TARJANNE
Secretary-General

PLENARY MEETING

DRAFT

AGENDA OF THE

FIRST PLENARY MEETING

Monday, 13 November 1989, at 1430 hrs

(Room II)

	<u>Document No.</u>
1. Approval of the agenda	PL-1
2. Election of the Chairman of the Conference	-
3. Address by the Chairman of the Conference	-
4. Election of the Vice-Chairmen of the Conference	-
5. Address by the Secretary-General	-
6. Conference Structure	DT/1
7. Election of the Chairmen and Vice-Chairmen of the Committees	-
8. Composition of the Conference Secretariat	-
9. Allocation of documents to Committees	DT/3
10. Requests for participation received from international organizations	7
11. Date by which the Credentials Committee must submit its conclusions	-
12. Working hours of the meetings of the Conference	-
13. Financial responsibilities of administrative conferences	9
14. Presentation of the IFRB preparative work to the Second Session of the African Broadcasting Conference	-
15. Other business	-

Pekka TARJANNE
Secretary-General

AFBC(2)

UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
CARR CHARGÉE DE LA PLANIFICATION DE LA
RADIODIFFUSION TÉLÉVISUELLE EN ONDES
MÉTRIQUES ET DÉCIMÉTRIQUES DANS LA ZONE
AFRICAINNE DE RADIODIFFUSION ET PAYS VOISINS
SECONDE SESSION, GENÈVE Novembre-Décembre 1989

Document DT/3-F/E/S
13 novembre 1989
Original : anglais

SEANCE PLENIERE
PLENARY MEETING
SESION PLENARIA

Note du Secrétaire général / Note by the Secretary-General /
Nota del Secretario General

ATTRIBUTION DES DOCUMENTS / ALLOCATION OF DOCUMENTS /
ATRIBUCION DE LOS DOCUMENTOS

Séance plénière / Plenary Meeting / Sesión plenaria : 1

C2 - Pouvoirs / Credentials / Credenciales : 2

C3 - Contrôle budgétaire / Budget Control / Control del presupuesto : 9, 17

C4 - Planification / Planning / Planificación : 3, 5, 10, 11, 12, 13, 14

C5 - Réglementation / Regulatory / Reglamentación : 4, 5, 6, 12, 13, 14

GT/WG-PL (technique / Technical / técnico) : 3, 5, 6, 10, 12, 13, 14

Pekka TARJANNE
Secrétaire général

COMMITTEE 5Draft

GENERAL STRUCTURE OF THE AGREEMENT

- Article 1: Definitions
- Article 2: Execution of the Agreement
- Article 3: Annexes to the Agreement
- Article 4: Procedure concerning modifications to the Plan
- Article 5: Notification of frequency assignments
- Article 6: Accession to the Agreement
- Article 7: Scope of application of the Agreement
- Article 8: Approval of the Agreement
- Article 9: Denunciation of the Agreement
- Article 10: Revision of the Agreement
- Article 11: Entry into force and duration of the Agreement

-
- Annex 1: The Plan
- Annex 2: Technical data
- Annex 3: Basic characteristics of television stations to be submitted for modification to the Plan in accordance with Article 4 of the Agreement
- Annex 4: Limits for determining when coordination with another assignment is required as a result of a proposed modification to the Plan
- Annex 5: Additional technical data which may be used for coordination between administrations

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5Draft

DETAILED STRUCTURE OF ANNEX 4

Limits for determining when coordination with another administration is required.

Chapter 1: Protection of television from television

Chapter 2: Protection of fixed from television

- 2.1 47 - 68 MHz
- 2.2 174 - 230 MHz
- 2.3 230 - 238 and 246 - 254 MHz
- 2.4 470 - 862 MHz

Chapter 3: Protection of mobile from television

- 3.1 47 - 68 MHz
- 3.2 174 - 230 MHz
- 3.3 230 - 238 and 246 - 254 MHz
- 3.4 470 - 862 MHz

Chapter 4: Protection of amateur from television

Chapter 5: Protection of radionavigation from television

- 5.1 216 - 235 MHz
- 5.2 585 - 610 MHz

Chapter 6: Protection of radioastronomy from television

Chapter 7: Protection of the Plan from the other services

D.F. MATAVIRE
Chairman of Committee 5

COMMISSION 4
COMMITTEE 4
COMMISSION 4

Comité international d'enregistrement des fréquences

STATISTIQUES SUR LES ASSIGNATIONS ATTRIBUEES A LA
TELEVISION QUI ONT ETE NOTIFIEES OU ENREGISTREES
(BANDES DES ONDES METRIQUES ET DECIMETRIQUES)

La liste annexée contient toutes les assignations attribuées à la télévision qui ont été notifiées pour inscription dans le Fichier de référence international des fréquences ou inscrites dans ce même Fichier au nom d'administrations comprises dans la zone de planification:

- avant le 31 octobre 1987;
- avant le 30 juin 1989; et,
- avant le 13 novembre 1989,

et que l'IFRB a reçues ou traitées avant l'ouverture de la Conférence AFBC(2).

Président de l'IFRB

International Frequency Registration Board

STATISTICS ON NOTIFIED AND RECORDED TELEVISION
ASSIGNMENTS IN THE VHF/UHF BANDS

The annexed list contains all television assignments notified for recording or recorded in the MIFR on behalf of the administrations in the planning area

- before 31 October 1987;
- before 30 June 1989; and
- before 13 November 1989,

that the IFRB has received or has processed before the start of the AFBC(2) Conference.

Chairman of the IFRB

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Junta Internacional de Registro de Frecuencias

ESTADISTICAS SOBRE LAS ASIGNACIONES A LA TELEVISION EN LAS BANDAS
DE ONDAS METRICAS Y DECIMETRICAS NOTIFICADAS Y RECIBIDAS

La lista que se adjunta contiene todas las asignaciones a la televisión notificadas para su inscripción o ya inscritas en el Registro en nombre de las administraciones de la zona de planificación:

- antes del 31 de octubre de 1987;
- antes del 30 de junio de 1989;
- antes del 13 de noviembre de 1989,

que la IFRB ha recibido o procesado antes del inicio de la Conferencia AFBC(2).

Presidente de la IFRB

Annexe: 1

Annex:

Anexo:

Assignations reçues/enregistrées
avant le 31 octobre 1987

Assignments received/recorded
before 31 October 1987

Asignaciones recibidas/registradas
antes del 31 de octubre de 1987

Col.1	Col.2	Col.3	Col.4	Col.5	Col.6
AFS		47	47	90	184
ALG		4			4
ARS		125	125	99	349
BHR	1			4	5
CNR	1	29	9	14	53
COG		1			1
CTI		10			10
DJI		1			1
EGY		39			39
ETH		3			3
GAB		1			1
IRN	22	130	58	102	312
KEN	2				2
KWT		4	1	1	6
MLI		2			2
NGR		17			17
NIG	4	1			5
NMB		3			3
OMA		21	84	132	237
QAT		2	1	11	14
REU		13			13
SDN		1			1
SEN		1			1
SRL	1				1
SWZ		3	5	3	11
UAE	3	7	8	9	27
UGA		1			1
YMS		5			5
ZAI		1			1
ZMB		8			8
ZWE	3	3			6

Assignations reçues/enregistrées
avant le 30 juin 1989

Assignments received/recorded
before 30 June 1989

Asignaciones recibidas/registradas
antes del 30 de junio de 1989

Col.1	Col.2	Col.3	Col.4	Col.5	Col.6
AFS		52	49	91	192
ALG		226			226
AOE	1	1			2
ARS	3	130	125	99	357
BHR	1			4	5
CNR	1	31	16	26	74
COG		7			7
CTI		22			22
DJI		1			1
EGY	2	81	18	7	108
ETH		3			3
GAB		1			1
IRN	32	145	92	157	426
IRQ		40	13	3	56
KEN	2				2
KWT		5	2	6	13
MLI		2			2
MRC		26			26
MYT		2			2
NGR		17			17
NIG	4	1			5
NMB		3			3
OMA		21	52	91	164
QAT		2	1	11	14
REU		17	12	13	42
SDN		1			1
SEN		1			1
SRL	1				1
SWZ		3	5	3	11
UAE	3	7	8	9	27
UGA		1			1
YEM		27			27
YMS		5			5
ZAI		1			1
ZMB		8			8
ZWE	3	3			6

Assignations reçues/enregistrées
avant le 13 novembre 1989

Assignments received/recorded
before 13 November 1989

Asignaciones recibidas/registradas
antes del 13 de noviembre de 1989

Col.1	Col.2	Col.3	Col.4	Col.5	Col.6
AFS		52	52	95	199
ALG		226			226
AOE	1	2			3
ARS	3	130	125	99	357
BHR	1			4	5
CNR	1	31	16	26	74
COG		7			7
CTI		22			22
DJI		1			1
EGY	2	81	18	7	108
ETH		3			3
GAB		1			1
IRN	32	145	102	209	488
IRQ		40	13	3	56
KEN	2				2
KWT		5	2	6	13
MLI		2			2
MRC		26			26
MYT		2			2
NGR		17			17
NIG	4	1			5
NMB		3			3
OMA		21	52	90	163
QAT		2	1	11	14
REU		17	12	13	42
SDN		1			1
SEN		1			1
SRL	1				1
SWZ		3	5	3	11
UAE	3	7	8	9	27
UGA		1			1
YEM		27			27
YMS		5			5
ZAI		1			1
ZMB		8			8
ZWE	3	3			6

ANNEXE/ANNEX/ANEXO

AFBC(2)/DT/6-F/E/S

- 3 -

Col.1 - Pays/Country/Pais

Col.2 - Nombre d'assignations dans la Bande I/Number of assignments in Band I/
Número de asignaciones en la Banda I

Col.3 - Nombre d'assignations dans la Bande III/Number of assignments in
Band III/Número de asignaciones en la Banda III

Col.4 - Nombre d'assignations dans la Bande IV/Number of assignments in
Band IV/Número de asignaciones en la Banda IV

Col.5 - Nombre d'assignations dans la Bande V/Number of assignments in Band V/
Número de asignaciones en la Banda V

Col.6 - Nombre total d'assignations/Total number of assignments/Número total
de asignaciones

Draft

STATISTICS ON RECORDED NON-TV FREQUENCY ASSIGNMENTS

The annexed list was prepared by the IFRB from the Master International Frequency Register (MIFR) and refers to assignments that:

- were notified by administrations under the provisions of the Radio Regulations;
- successfully underwent the regulatory examination by the IFRB;
- received a favourable finding by the Board; and
- were subsequently recorded in the MIFR.

Details on the stations are available in the Planning Groups. The number of stations in service but not (yet) notified to the IFRB may be higher and therefore the MIFR may not accurately reflect actual usage.

Annex: 1

ANNEX

Country	No. of recorded frequency assignments			Total
	Band I	Band III	Band IV/V	
AFS	14 FB(T), 8 ML			22
ARS			95 FX	95
BHR			4 FX	4
CME		12 FX		12
CNR			14 FX	14
EGY	2 BC		2 FX	4
ETH		1 FX	10 FX	11
GHA		57 FX		57
IRN	39 FB	8 FX	32 FX	79
IRQ		2 ML, 2 FB, 1 AL		5
KEN		48 FX, 1 AL, 1 AM		50
KWT			12 FX	12
LBY		2 AL, 1 FA	2 FX	5
MOZ	1 FB, 1 FX, 2 ML		8 FX	12
MRC			1 FX(T)	1
MWI	1 FX	3 FX, 1 AL		5
NIG		105 FX, 6 AL, 2 AM		113
OMA			20 FX	20
QAT			1 FX	1
SDN		1 AL		1
TZA		30 FX, 1 AL	3 FX	34
UGA		8 FX, 1 AL, 1 AM		10
ZAI		6 FX	2 FX	8
ZMB		22 FX, 1 AL, 1 AM		24
ZWE		41 FX, 2 AL, 1 AM		44
				643

AL: Aeronautical radionavigation land station
AM: Aeronautical radionavigation mobile station
BC: Broadcasting station, sound
FA: Aeronautical station
FB: Base station in the land mobile service
FX: Fixed station
ML: Land mobile station
(T): Recording of a typical station

TECHNICAL WORKING
GROUP OF THE PLENARY

Draft

DETAILED STRUCTURE OF ANNEX 2

TECHNICAL DATA

- Chapter 1: Definitions
- Chapter 2: Propagation
- Chapter 3: Technical standards and transmission characteristics for the broadcasting (television) service
- Chapter 4: Determination of the usable field strength by the simplified multiplication method
- Chapter 5: Compatibility between the broadcasting (television) service and the fixed and mobile services

K.J.B. YAO
Chairman of the
Technical Working Group
of the Plenary

COMMITTEE 5

DRAFT ARTICLE 4

Procedure Concerning Modifications to the Plan

4.1 Modifications to the Plan

When an administration proposes to make a modification to the Plan i.e.:

- to modify the characteristics of a frequency assignment to a television broadcasting station shown in the Plan; or
- to add a frequency assignment to a television broadcasting station in the Plan; or
- to cancel a frequency assignment to a television broadcasting station,

the procedure contained in this Article shall be applied before any notification is made under Article 5 of this Agreement.

4.2 Initiation of the modification procedure

4.2.1 Any administration proposing to modify the characteristics of an assignment appearing in the Plan or to add a new assignment to the Plan shall, either directly or through the IFRB, obtain the agreement of any other administration whose primary or permitted services are likely to be affected.

4.2.2.a The [stations of the] television broadcasting service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.b The [stations of the] fixed service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.c The [stations of the] mobile service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.d The [stations of the] amateur service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.e The [stations of the] aeronautical radionavigation service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.f The [stations of the] radionavigation service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.g The [stations of the] radioastronomy service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.]

[4.2.3 Not used.]

4.2.4 The agreement mentioned in section 4.2.1 is not required if:

- a) the proposed modification relates to a reduction in effective radiated power or to other changes which would not increase the level of interference to services of other countries; or
- b) the distances from the station under consideration to the nearest points on the boundaries of other countries, the administrations of which are Contracting Members, are equal to or greater than the limits indicated in [Annex 4]; or
- c) the proposed modification relates to a change in the site of the station and the distance between the actual site of the transmitter and the site indicated in the Plan is no greater than:
 - [] for transmitters having a total e.r.p. greater or equal than [];
 - [] for transmitters having a total e.r.p. less than [];

provided that the change in topographical conditions does not increase the probability of interference caused to the stations of other countries.

4.2.5 An administration proposing to modify the Plan shall communicate to the IFRB the information listed in [Annex 3] and shall also indicate, if appropriate:

- a) that the agreement referred to in section 4.2.1 is not required with any administration; or
- b) the name of any administration which has already agreed to the modification proposed on the basis of the characteristics communicated to the IFRB.

4.2.6 When requesting the agreement of another administration, the administration proposing to modify the Plan may also communicate any additional information relating to proposed methods and criteria to be used as well as other details concerning the terrain, particular propagation conditions, etc. (see also [Annex 5]).

4.2.7 On receipt of the information referred to in section 4.2.5 above, the IFRB shall:

- a) identify the administrations whose services are likely to be affected in conformity with sections 4.2.2 and 4.2.4;
- b) send immediately a telex to those administrations identified in a) above which have not yet given their agreement, drawing their attention to the information contained in the special section of a forthcoming weekly circular and indicating the nature of the modification to the Plan;
- c) publish the information received in the special section of this weekly circular, together with the names of the administrations identified, indicating those whose agreement has been obtained.

4.3 *Consultation of the administrations whose stations may be affected*

4.3.1 The special section of the IFRB weekly circular, referred to in 4.2.7 c), constitutes the formal request for agreement addressed to those administrations whose agreement remains to be obtained.

4.3.2 Any administration which considers that it should have been included in the list of administrations whose frequency assignments are likely to be affected may, within [28 days] from the date of publication of the weekly circular, request the IFRB by telex to include its name. A copy of the request shall be sent to the administration proposing the modification to the Plan.

4.3.3 On receipt of the telex, the IFRB shall consider the matter and, if it finds that the name of this administration should have been included in the list, it shall:

- inform the administrations concerned by telex; and
- publish the name of the administration in an addendum to the special section of the weekly circular referred to in 4.2.7 c).

For this administration, the overall period of [100 days] specified in section 4.3.10 shall run from the date of publication of the addendum to the special section of the weekly circular referred to above.

4.3.4 An administration receiving a telex from the IFRB sent in accordance with sections 4.2.7 or 4.3.3 above shall acknowledge receipt within [30 days].

4.3.5 If the IFRB has not received an acknowledgement after [30 days], it shall send a reminder telex and inform the administration that, if no reply is received within [10 days], it will be deemed to have received the request for agreement.

4.3.6 On receipt of the special section of the IFRB weekly circular referred to in sections 4.2.7 c) and 4.3.3, any administration listed therein shall determine the effect produced on its assignments by the proposed modification to the Plan, using any of the additional information referred to in section 4.2.6 which it finds acceptable.

[4.3.7 If the administration consulted is responsible for:

4.3.7.1 a television broadcasting station, it should normally accept the proposed modification provided that:

- the resulting usable field strength is not greater than:

46 dB (μ V/m) in band I;
49 dB (μ V/m) in band III;
53 dB (μ V/m) in band IV;
58 dB (μ V/m) in band V;

- the resulting usable field strength is greater than this value but is increased by [0.5 dB] or less compared with the reference usable field strength. An increase of more than [0.5 dB] is open to negotiations, in which more detailed calculation methods may be used.

4.3.7.2 a station in the fixed service, it should normally accept the proposed modification provided that

4.3.7.3 a station in the mobile service, it should normally accept the proposed modification provided that

[4.3.7.4 a station in the amateur service, it should normally accept the proposed modification provided that]

[4.3.7.5 a station in the aeronautical radionavigation service, it should normally accept the proposed modification provided that]

4.3.7.6 a station in the radionavigation service, it should normally accept the proposed modification provided that

4.3.7.7 a station in the radioastronomy service, it should normally accept the proposed modification provided that

4.3.8 An administration receiving a telex from the IFRB sent in accordance with sections 4.2.7 or 4.3.3 may request the IFRB to calculate [as indicated in section 4.3.7 above] the increase in the usable field strength resulting from the proposed modification.

4.3.9 An administration may ask the administration proposing the modification to the Plan for any additional information it considers necessary to calculate the increase in the usable field strength. Similarly, the administration proposing the modification may ask any administration whose agreement it seeks for any additional information it considers necessary. The administrations shall inform the IFRB of such requests.

4.3.10 An administration which is not in a position to give its agreement to the proposed modification shall give its reasons within [100 days] from the date of the weekly circular referred to in section 4.2.7 c).

4.3.11 [Seventy days] after the publication of the weekly circular mentioned in section 4.2.7 or 4.3.3, the IFRB shall request by telex any administration which has not yet given its decision in the matter to do so and shall inform it that, if no reply is received within an overall period of [100 days] following the date of publication of this weekly circular, it is deemed to have agreed to the proposed modification to the Plan. This time limit may be extended by [14 days] in the case of an administration which has requested additional information or which has asked the IFRB to carry out technical studies.

4.3.12 If at the end of the [100-day] period (possibly extended by [14 days]) there is continuing disagreement, the IFRB shall make any study that may be requested by these administrations; it shall inform them of the result of the study and shall make such recommendations as it may be able to offer for the solution of the problem.

4.3.13 An administration may request the assistance of the IFRB in the following cases:

- in seeking the agreement of another administration;
- in applying any stage of the procedure described in this Article;
- in carrying out technical studies in relation to this procedure;
- in applying the procedure with respect to other administrations.

4.4 *Comments of other administrations*

4.4.1 On receipt of the special section of the IFRB weekly circular published pursuant to section 4.2.7, administrations may send their comments to the administration proposing the modification either directly or through the IFRB. In any event the IFRB shall be informed that comments have been made.

4.4.2 An administration which has not notified its comments either to the administration concerned or to the IFRB within a period of [100 days] following the date of the weekly circular referred to in section 4.2.7 c) shall be understood to have no objection to the proposed change. This time limit may be extended by [14 days] in the case of an administration which has requested additional information or which has asked the IFRB to carry out technical studies.

4.5 *Cancellation of an Assignment*

When an assignment in conformity with this Agreement is cancelled, whether or not as a result of a modification (for instance, in connection with a change of frequency), the administration concerned shall immediately inform the IFRB, which shall publish this information in a special section of its weekly circular.

4.6 *Updating of the Plan*

4.6.1 An administration which has obtained the agreement of the administrations whose names were published in the special section referred to in sections 4.2.7 and 4.3.3, may bring the assignment in question into use and shall inform the IFRB, indicating the final agreed characteristics of the assignment together with the names of the administrations with which agreement has been reached.

4.6.2 The IFRB shall publish in the special section of its weekly circular the information received under sections 4.2.5 or 4.6.1 together with the names of any administrations with which the provisions of this article have been successfully applied. With respect to Contracting Members, the assignment concerned shall enjoy the same status as those appearing in the Plan.

4.6.3 The IFRB shall maintain an up-to-date master copy of the Plan, taking account of any modifications, additions and deletions made in accordance with the procedure of this Article.

4.6.4 The Secretary-General shall publish an up-to-date version of the Plan in an appropriate form as and when the circumstances justify and in any case every three years.

4.7 *Elimination of harmful interference*

If a change, although made in accordance with the provisions of this Article, causes harmful interference to services of other Contracting Members, the administration which has made the change shall take the requisite action to eliminate such interference.

4.8 *Settlement of disputes*

If, after application of the procedure described in this Article, the administrations concerned have been unable to reach agreement, they may resort to the procedure described in Article 50 of the Convention. They may also agree to apply the Optional Additional Protocol to the Convention.

D. ROUERS
Chairman of ad hoc Group 1
of Committee 5

COMMITTEE 5**DRAFT AGREEMENT****ARTICLE 1****Definitions**

For the purposes of this Agreement, the following terms shall have the meanings defined below:

- 1.1 Union: The International Telecommunication Union.
- 1.2 Secretary-General: The Secretary-General of the Union.
- 1.3 IFRB: The International Frequency Registration Board.
- 1.4 CCIR: The International Radio Consultative Committee.
- 1.5 Convention: The International Telecommunication Convention (Nairobi, 1982).
- 1.6 Radio Regulations: The Radio Regulations (1982 edition, revised in 1985, 1986, [1988] and by WARC MOB-87) annexed to the Convention.
- 1.7 Conference: The Regional Administrative Radio Conference for the Planning of VHF/UHF Television Broadcasting in the African Broadcasting Area and Neighbouring Countries.¹
- 1.8 Planning area: The countries of the African Broadcasting Area as defined in Nos. 400 to 403 of the Radio Regulations and the following neighbouring countries: Bahrain, United Arab Emirates, Islamic Republic of Iran, Iraq, Kuwait, Oman, Qatar, Yemen Arab Republic and that part of the People's Democratic Republic of Yemen which is outside the African Broadcasting Area.
- 1.9 Agreement: The Regional Agreement and its Annexes as drawn up by this Conference.

¹ This Conference was held in two sessions:

- the First Session, responsible for preparing a report to the Second Session, was held in Nairobi from 22 September to 9 October 1986;
- the Second Session, responsible for drawing up an Agreement and associated Frequency Assignment Plan, was held in Geneva from 13 November to [8] December 1989.

1.10 Plan: The Plan forming Annex 1 to this Agreement.

1.11 Contracting Member: Any Member of the Union in the Planning area which has approved or acceded to this Agreement.

1.12 Administration: Unless otherwise indicated, the term administration designates an administration, as defined in the Convention, of a Contracting Member.

1.13 Assignment in conformity with this Agreement: Any assignment appearing in the Plan, or for which the procedure of Article 4 has been successfully applied.

ARTICLE 2

Execution of the Agreement

2.1 The Contracting Members shall adopt for their television broadcasting stations in the planning area operating in the VHF and UHF bands referred to in Article 3 the characteristics specified in the Plan.

2.2 The Contracting Members shall not modify these characteristics or establish new stations, except under the conditions provided for in Article 4.

2.3 The Contracting Members undertake to apply the procedures of Article 5 for the other services to which these bands are also allocated.

2.4 The Contracting Members undertake to study and, in common agreement, to put into practice the measures necessary to eliminate any harmful interference that might result from the application of this Agreement.

2.5 Should agreement, as envisaged in section 2.4 above prove impossible, the Contracting Members concerned may, in accordance with Article 35 of the Convention, resort to the procedure laid down in Article 22 of the Radio Regulations.

ARTICLE 3

Annexes to the Agreement

3.1 Annex 1: The Plan and its Appendix

Frequency Assignment Plan for VHF/UHF Television Broadcasting Stations in the African Broadcasting Area and Neighbouring Countries.

3.1.1 The Plan contains frequency assignments and associated characteristics of television broadcasting stations, coordinated either during the Conference

or by the application of the provisions of Article 4, [or coordinated after the Conference in accordance with Resolution ...,] in the following frequency bands:

- 47 - 68 MHz (the Plan is limited to the band 54 - 68 MHz in the following countries: Botswana, Burundi, Lesotho, Malawi, Namibia, Rwanda, South Africa, Swaziland, Zaire and Zambia);
- 174 - 230 MHz;
- 230 - 238 MHz and 246 - 254 MHz for the countries listed in No. 635 of the Radio Regulations;
- 470 - 862 MHz.

[3.1.2 The Appendix to the Plan contains the list of the assignments, [for a specified period,] which could not be fully coordinated during the Conference [(see Resolution ...)].]

3.2 Other Annexes

Annex 2: Technical data

Annex 3: Basic characteristics of television stations to be submitted for modification to the Plan in accordance with Article 4 of the Agreement

Annex 4: Limits for determining when coordination with another administration is required as a result of a proposed modification to the Plan

Annex 5: Additional technical data which may be used for coordination between administrations

[ARTICLE 4]

ARTICLE 5

Notification of Frequency Assignments

5.1 When an administration of a Contracting Member proposes to bring into use a television broadcasting assignment in conformity with this Agreement, it shall notify the assignment to the IFRB in accordance with the provisions of Article 12 of the Radio Regulations. In the case of frequency assignments in the band 230 - 238 MHz or 246 - 254 MHz, see also [Resolution ...].

In relations between Contracting Members, assignments thus brought into use and entered in the Master International Frequency Register will have the same status, irrespective of the date on which they were brought into service.

5.2 Notification of frequency assignments to the primary and permitted services in the planned bands (other than TV)

5.2.1 In the case of frequency assignments to stations in the other non-planned services, the provisions of Article 12 of the Regulations shall apply, account being taken of the categories of services and allocations specified in Article 8 of the Regulations.

5.2.2 In the application of No. 1245 of the Radio Regulations, the Board shall examine, using the criteria of Annex [], the notices for frequency assignments to these services to determine the probability of harmful interference to any assignment appearing in the Plan [(excluding the Appendix)]. If the Board finds that there is a probability of harmful interference to any TV assignment that is in the Plan, the notice for the non-TV assignment shall be returned to the administration with any recommendations that the Board may be able to make.

5.3 Notification of assignments of the fixed service in the band 790 - 862 MHz

5.3.1 Administrations may use their broadcasting assignments in the frequency band 790 - 862 MHz for the fixed service on the following conditions:

- the assigned bandwidth of the fixed station is all within the assigned channel;
- the geographical position of the fixed station is the same as the one of the broadcasting station in the Plan, or is within the limits [of paragraph 4.2.4 c)] of Article 4;
- the station of the fixed service shall not cause more interference in any direction than would cause the broadcasting assignment it replaces;
- the station of the fixed service shall not request a greater protection than would be given to the planned broadcasting station it replaces.

5.3.2 When the conditions in 5.3.1 above are satisfied, the Board shall not examine the fixed assignment against the existing or planned broadcasting assignments of the countries party to the Agreement.

ARTICLE 6

Accession to the Agreement

6.1 Any Member of the Union in the planning area which has not signed the Agreement may at any time deposit an instrument of accession with the Secretary-General, who shall immediately inform the other Members of the Union. Accession to the Agreement shall be made without reservations and shall apply to the Plan as it stands at the time of accession.

6.2 Accession to the Agreement shall become effective on the date on which the instrument of accession is received by the Secretary-General.

ARTICLE 7

Scope of Application of the Agreement

7.1 This Agreement shall bind Contracting Members in their relations with one another but shall not bind those Members in their relations with non-Contracting Members.

7.2 If a Contracting Member enters reservations with regard to the application of any provision of this Agreement, other Contracting Members shall be free to disregard such provision in their relations with the Member which has made such reservations.

ARTICLE 8

Approval of the Agreement

8.1 Members signatory to the Agreement shall notify their approval of this Agreement, as promptly as possible, to the Secretary-General, who shall at once inform the other Members of the Union.

ARTICLE 9

Denunciation of the Agreement

9.1 Any Contracting Member may denounce this Agreement at any time by a notification sent to the Secretary-General, who shall inform the other Members of the Union.

9.2 Denunciation shall become effective one year after the date on which the Secretary-General receives the notification of denunciation.

9.3 On the date on which the denunciation becomes effective, the IFRB shall delete from the Plan the assignments entered in the name of the Member which has denounced the Agreement.

ARTICLE 10

Revision of the Agreement

10.1 No revision of the Agreement shall be undertaken except by a competent [regional] administrative radio conference convened in accordance with the procedure laid down in the Convention, to which [at least] all the Members of the Union in the planning area shall be invited.

ARTICLE 11

Entry into Force and Duration of the Agreement

11.1 This Agreement shall enter into force on [] at 0001 hours UTC.

11.2 On that date, with the exception of stations operating in conformity with No. 342 of the Regulations, television broadcasting stations in operation with frequency assignments which do not appear in the Plan shall cease transmitting. Such stations may resume operation only after the necessary agreements have been obtained in accordance with Article 4.

11.3 This Agreement shall remain in force until it is revised in accordance with Article 10.

IN WITNESS THEREOF, the undersigned delegates of the Members of the Union, on behalf of the competent authorities of their respective countries, sign this Agreement in a single copy in the Arabic, English, French and Spanish languages; in case of dispute, the French text shall be authentic. This copy shall remain deposited in the archives of the Union. The Secretary-General shall forward one certified true copy to each Member of the Union in the planning area.

D.F. MATAVIRE
Chairman of 5 ad hoc 2

STATISTICAL SUMMARY OF THE THIRD AND FOURTH
 DRAFT PLANS

*** VHF ***

Page 1

Third Draft Plan				Fourth Draft Plan			3rd - 4th
ADM	Eu mean	Standard Deviation	Number of Requirements	Eu mean	Standard Deviation	Number of Requirements	Eu Difference
AFS	77.3	5.2	122	71.1	6.1	122	- 6.2
AGL	76.5	10.2	51	73.6	8.2	51	- 2.9
ALG	65.4	21.5	84	55.4	13.1	82	-10.0
ARS	73.8	19.2	153	68.1	17.2	153	- 5.7
ASC	0.0	0.0	1	0.0	0.0	1	0.0
BDI	96.0	8.4	7	85.8	11.5	7	-10.2
BEN	98.8	19.0	25	80.0	14.7	19	-18.8
BFA	112.6	25.3	77	106.2	28.2	67	- 6.4
BHR	107.7	0.0	1	103.5	0.0	1	- 4.2
BOT	74.5	7.8	54	65.9	7.2	54	- 8.6
CAF	84.1	13.1	53	79.4	14.2	53	- 4.7
CME	75.2	10.6	31	72.3	9.2	32	- 2.9
CNR	87.7	11.0	38	84.9	11.0	38	- 2.8
COG	96.8	18.5	40	85.0	12.3	40	-11.8
COM	96.2	11.5	10	75.4	12.4	10	-20.8
CPV	83.3	5.5	5	83.4	5.3	5	+ 0.1
CTI	86.9	6.9	39	78.0	9.7	39	- 8.9
DJI	86.0	0.0	1	88.5	15.0	6	+ 2.5
EGY	85.4	17.0	100	80.2	16.5	100	- 5.2
ETH	73.8	11.3	56	71.8	10.2	56	- 2.0
GAB	80.5	15.2	58	78.3	11.8	56	- 2.2
GHA	84.6	15.0	11	80.2	12.8	11	- 4.4
GMB	86.3	30.2	4	89.0	31.9	4	+ 2.7
GNB	96.8	0.0	1	101.5	6.8	10	+ 5.3
GNE	67.3	24.1	3	67.9	23.6	3	+ 0.6
GUI	96.0	10.0	22	86.9	19.5	22	- 9.1
IRN	98.2	12.9	131	95.8	12.2	131	- 2.4
IRQ	100.7	13.8	105	99.1	13.1	105	- 1.6
KEN	75.3	21.9	30	70.8	21.0	30	- 4.5
KWT	113.1	14.1	8	109.4	14.4	8	- 3.7
LBR	86.6	21.3	12	97.5	14.7	16	+10.9
LBY	87.6	21.4	173	86.5	22.0	160	- 1.1
LSO	83.4	2.3	5	71.8	3.4	5	-11.6
MAU	74.5	25.5	11	68.7	25.1	11	- 5.8
MDG	102.4	26.7	119	88.1	11.4	111	-14.3
MLI	75.5	14.2	32	67.3	13.7	32	- 8.2
MOZ	72.7	10.3	33	67.8	7.9	33	- 4.9
MRC	81.9	19.1	27	79.7	18.9	27	- 2.2
MTN	78.3	20.0	47	75.3	20.6	47	- 3.0
MWI	77.5	8.3	14	71.9	9.2	14	- 5.6
MYT	90.2	15.2	3	76.6	7.4	3	-13.6
NGR	74.5	16.7	38	66.4	15.0	38	- 8.1
NIG	90.1	20.8	79	83.5	17.2	78	- 6.6
NMB	63.5	8.0	45	57.6	9.4	46	- 5.9
OMA	85.1	20.8	23	77.8	24.9	23	- 7.3
QAT	105.3	4.9	2	104.7	6.5	2	- 0.6
REU	104.1	17.3	19	100.7	19.4	19	- 3.4
RRW	102.8	23.7	14	85.6	15.9	14	-17.2
SDN	70.9	11.7	57	63.2	9.1	56	- 7.7
SEN	97.1	8.3	15	97.8	8.6	16	+ 0.7
SEY	90.6	23.7	11	88.2	25.5	11	- 2.4
SHN	0.0	0.0	1	0.0	0.0	1	0.0
SOM	78.5	7.7	27	70.1	7.1	27	- 8.4
SRL	92.0	7.6	7	87.6	7.1	7	- 4.4
STP	87.3	0.0	1	83.5	0.0	1	- 3.8
SWZ	80.3	9.5	4	69.1	6.6	4	-11.2
TCD	79.0	20.9	45	75.1	21.1	45	- 3.9
TGO	86.1	10.2	5	79.6	16.0	5	- 6.5
TRC	0.0	0.0	1	0.0	0.0	1	0.0
TZA	87.6	11.1	31	82.5	11.7	31	- 5.1
UAE	111.9	13.2	12	107.2	10.6	12	- 4.7
UGA	86.8	7.6	16	82.0	8.9	16	- 4.8
YEM	106.3	28.4	31	84.6	13.9	28	-21.7
YMS	98.3	17.6	49	93.1	18.3	48	- 5.2
ZAI	93.3	14.0	213	70.9	10.9	94	-22.4
ZMB	84.1	20.1	50	74.0	9.4	50	-10.1
ZWE	80.8	4.9	34	72.6	4.6	34	- 8.2

STATISTICAL SUMMARY OF THE THIRD AND FOURTH
DRAFT PLANS

*** UHF ***

Page 2

Third Draft Plan				Fourth Draft Plan			3rd - 4th
ADM	Eu mean	Standard Deviation	Number of Requirements	Eu mean	Standard Deviation	Number of Requirements	Eu Difference
AFS	74.2	10.6	580	71.1	8.2	580	- 3.1
AGL	63.6	10.8	132	61.7	11.1	132	- 1.9
ALG	48.2	21.8	168	44.9	17.9	165	- 3.3
ARS	72.1	24.2	284	70.3	22.6	284	- 1.8
ASC	0.0	0.0	3	0.0	0.0	3	0.0
BDI	79.8	14.2	25	69.1	9.3	25	-10.7
BEN	67.6	9.4	48	61.4	6.5	48	- 6.2
BFA	83.8	18.6	192	76.0	16.0	173	- 7.8
BHR	119.6	8.7	4	118.4	7.6	4	- 1.2
BOT	67.8	10.6	180	64.5	7.2	180	- 3.3
CAF	80.1	7.9	330	77.2	7.0	330	- 2.9
CME	84.5	13.6	216	77.1	14.2	216	- 7.4
CNR	107.1	8.6	275	105.3	9.5	275	- 1.8
COG	71.7	13.7	116	69.4	12.4	116	- 2.3
COM	96.4	15.9	29	78.1	15.8	30	-18.3
CPV	88.8	6.0	21	89.3	9.1	21	+ 0.5
CTI	76.4	9.0	128	68.9	9.3	128	- 7.5
DJI	64.2	34.6	6	78.0	19.0	6	+13.5
EGY	84.2	22.5	238	81.7	22.4	242	- 2.5
ETH	62.6	17.0	67	61.6	16.1	67	- 1.0
GAB	71.5	18.9	168	70.6	16.6	168	- 0.9
GHA	88.6	35.8	30	85.4	36.3	30	- 3.2
GMB	116.0	11.1	10	121.8	11.6	10	+ 5.8
GNB	89.4	8.8	3	115.8	16.0	20	+26.4
GNE	83.9	16.4	23	82.5	15.9	23	- 1.4
GUI	96.0	18.2	87	93.8	19.9	84	- 2.2
IRN	97.8	15.9	511	95.8	16.0	511	- 2.0
IRQ	85.8	19.0	267	85.3	18.9	267	- 0.5
KEN	91.7	20.1	350	85.9	6.9	341	- 5.8
KWT	121.8	12.0	30	120.9	11.7	30	- 0.9
LBR	78.8	12.3	27	77.0	13.0	27	- 1.8
LBY	52.1	27.3	158	50.9	27.0	150	- 1.2
LSO	70.8	20.5	17	67.5	17.9	17	- 3.3
MAU	91.2	14.1	45	81.8	12.4	45	- 9.4
MDG	105.6	56.0	7	60.7	9.6	6	-44.9
MLI	76.0	13.6	210	73.3	13.2	209	- 2.7
MOZ	71.0	6.7	221	68.8	6.4	221	- 2.2
MRC	78.7	16.7	67	77.2	15.7	67	- 1.5
MTN	74.2	26.0	85	71.5	25.1	85	- 2.7
MWI	72.6	7.3	42	67.6	6.7	42	- 5.0
MYT	93.9	15.7	18	78.4	9.0	18	-15.5
NGR	56.1	18.0	121	52.0	16.0	121	- 4.1
NIG	72.2	32.2	143	68.6	26.3	140	- 3.6
NMB	58.0	5.5	267	57.6	5.8	266	- 0.4
OMA	96.2	27.6	229	93.2	29.5	229	- 3.0
QAT	121.8	14.0	19	120.5	14.2	19	- 1.3
REU	108.8	15.3	81	105.3	16.2	81	- 3.3
RRW	74.2	13.4	41	69.0	12.3	42	- 5.2
SDN	64.6	21.3	171	60.3	19.6	168	- 4.3
SEN	104.3	13.5	17	103.3	15.6	19	- 1.0
SHN	1.0	3.2	3	1.0	3.2	3	0.0
SOM	68.1	18.2	87	62.0	14.7	87	- 6.1
SRL	79.5	12.8	7	77.7	10.5	7	- 1.8
STP	87.4	2.4	2	86.3	0.8	2	- 1.1
SWZ	83.6	12.2	16	73.4	6.5	16	-10.2
TCD	72.6	17.6	164	71.0	18.2	164	- 1.6
TGO	73.1	12.0	24	62.1	13.2	24	-11.0
TRC	0.0	0.0	3	0.0	0.0	3	0.0
TZA	81.2	18.4	139	80.3	21.7	139	- 0.9
UAE	117.6	21.7	51	110.6	10.9	49	- 7.0
UGA				79.9	14.9	19	---
YEM	95.1	14.7	725	93.5	13.5	720	- 1.6
YMS	78.1	24.0	33	74.6	21.1	34	- 3.5
ZAI	69.7	18.9	333	58.3	15.9	269	-11.4
ZMB	70.1	10.9	159	69.7	11.0	162	- 0.4
ZWE	74.9	6.5	172	68.7	4.9	172	- 6.2

COMMITTEE 4

STATISTICS ON THE THIRD DRAFT PLAN

adm	*** VHF ***			adm	*** UHF ***		
	Eu mean	Standard deviation std dev.	Number of requirements nb req.		Eu mean	Standard deviation std dev.	Number of requirements nb. req.
AFS	77.3	5.2	121	AFS	74.2	10.6	579
AGL	76.5	10.2	50	AGL	63.6	10.8	131
ALG	65.4	21.5	83	ALG	48.2	21.8	167
ARS	73.8	19.2	152	ARS	72.1	24.2	283
ASC	0.0	0.0	1	ASC	0.0	0.0	2
BDI	96.0	8.4	6	BDI	79.8	14.2	24
BEN	98.8	19.0	24	BEN	67.6	9.4	47
BFA	112.6	25.3	76	BFA	83.8	18.6	191
BHR	107.7	0.0	1	BHR	119.6	8.7	3
BOT	74.5	7.8	53	BOT	67.8	10.6	179
CAF	84.1	13.1	52	CAF	80.1	7.9	329
CME	75.2	10.6	30	CME	84.5	13.6	215
CNR	87.7	11.0	37	CNR	107.1	8.6	274
COG	96.8	18.5	39	COG	71.7	13.7	115
COM	96.2	11.5	9	COM	96.4	15.9	28
CPV	83.3	5.5	4	CPV	88.8	6.0	20
CTI	86.9	6.9	38	CTI	76.4	9.0	127
DJI	86.0	0.0	1	DJI	64.2	34.6	5
EGY	85.4	17.0	99	EGY	84.2	22.5	237
ETH	73.8	11.3	55	ETH	62.6	17.0	66
GAB	80.5	15.2	57	GAB	71.5	18.9	167
GHA	84.6	15.0	10	GHA	88.6	35.8	29
GMB	86.3	30.2	3	GMB	116.0	11.1	9
GNB	96.8	0.0	1	GNB	89.4	8.8	2
GNE	67.3	24.1	2	GNE	83.9	16.4	22
GUI	96.0	10.0	21	GUI	96.0	18.2	86
IRN	98.2	12.9	130	IRN	97.8	15.9	510
IRQ	100.7	13.8	104	IRQ	85.8	19.0	266
KEN	75.3	21.9	29	KEN	91.7	20.1	349
KWT	113.1	14.1	7	KWT	121.8	12.0	29
LBR	86.6	21.3	11	LBR	78.8	12.3	26
LBY	87.6	21.4	172	LBY	52.1	27.3	157
LSO	83.4	2.3	4	LSO	70.8	20.5	16
MAU	74.5	25.5	10	MAU	91.2	14.1	44
MDG	102.4	26.7	118	MDG	105.6	56.0	6
MLI	75.5	14.2	31	MLI	76.0	13.6	209
MOZ	72.7	10.3	32	MOZ	71.0	6.7	220
MRC	81.9	19.1	26	MRC	78.7	16.7	66
MTN	78.3	20.0	46	MTN	74.2	26.0	84
MWI	77.5	8.3	13	MWI	72.6	7.3	41
MYT	90.2	15.2	2	MYT	93.9	15.7	17
NGR	74.5	16.7	37	NGR	56.1	18.0	120
NIG	90.1	20.8	78	NIG	72.2	32.2	142
NMB	63.5	8.0	44	NMB	58.0	5.5	266
OMA	85.1	20.8	22	OMA	96.2	27.6	228
QAT	105.3	4.9	1	QAT	121.8	14.0	18
REU	104.1	17.3	18	REU	108.8	15.3	80
RRW	102.8	23.7	13	RRW	74.2	13.4	40
SDN	70.9	11.7	56	SDN	64.6	21.3	170
SEN	97.1	8.3	14	SEN	104.3	13.5	16
SEY	90.6	23.7	10	SHN	1.0	3.2	2
SHN	0.0	0.0	1	SOM	68.1	18.2	86
SOM	78.5	7.7	26	SRL	79.5	12.8	6
SRL	92.0	7.6	6	STP	87.4	2.4	1
STP	87.3	0.0	1	SWZ	83.6	12.2	15
SWZ	80.3	9.5	3	TCD	72.6	17.6	163
TCD	79.0	20.9	44	TGO	73.1	12.0	23
TGO	86.1	10.2	4	TRC	0.0	0.0	2
TRC	0.0	0.0	1	TZA	81.2	18.4	138
TZA	87.6	11.1	30	UAE	117.6	21.7	50
UAE	111.9	13.2	11	YEM	95.1	14.7	724
UGA	86.8	7.6	15	YMS	78.1	24.0	32
YEM	106.3	28.4	30	ZAI	69.7	18.9	332
YMS	98.3	17.6	48	ZMB	70.1	10.9	158
ZAI	93.3	14.0	212	ZWE	74.9	6.5	171
ZMB	84.1	20.1	49				
ZWE	80.8	4.9	33				

E. KAMDEM KAMGA
Chairman of Committee 4

COMMITTEE 5

REVISED DRAFT ARTICLE 4

Procedure Concerning Modifications to the Plan**4.1 Modifications to the Plan**

When an administration proposes to make a modification to the Plan i.e.:

- to modify the characteristics of a frequency assignment to a television broadcasting station shown in the Plan; or
- to add to the Plan a frequency assignment to a television broadcasting station; or
- to cancel from the Plan a frequency assignment to a television broadcasting station,

the procedure contained in this Article shall be applied before any notification is made under Article 5.

4.2 Initiation of the modification procedure

4.2.1 Any administration proposing to modify the characteristics of an assignment appearing in the Plan or to add a new assignment to the Plan shall, either directly or through the IFRB, obtain the agreement of any other administration whose primary or permitted services are likely to be affected.

4.2.2.a The [assignments to stations of the] television broadcasting service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.b The [assignments to stations of the] fixed service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.c The [assignments to stations of the] mobile service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.d The [assignments to stations of the] amateur service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.e The [assignments to stations of the] aeronautical radionavigation service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.f The [assignments to stations of the] radionavigation service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.

4.2.2.g The [assignments to stations of the] radioastronomy service of an administration [are] [is] likely to be affected by a proposed modification to the Plan if the appropriate limits indicated in [] are exceeded.]

[4.2.3 Not used.]

4.2.4 The agreement mentioned in section 4.2.1 is not required if:

- a) the proposed modification relates to a reduction in effective radiated power or to other changes which would not increase the level of interference to services of other countries; or
- b) the distances from the station under consideration to the nearest points on the boundaries of other countries, the administrations of which are Contracting Members, are equal to or greater than the limits indicated in [Annex 4]; or
- c) the proposed modification relates to a change in the site of the station and the distance between the actual site of the transmitter and the site indicated in the Plan is no greater than:

- [] for low power stations as defined in [1.6 of Annex 2 (Document 51)];

- [] for all other stations,

provided that the change in topographical conditions does not increase the probability of interference caused to the stations of other countries.

4.2.5 An administration proposing to modify the Plan shall communicate to the IFRB the information listed in [Annex 3] and shall also indicate, if appropriate:

- a) that the agreement referred to in section 4.2.1 is not required with any administration; or
- b) the name of any administration which has already agreed to the modification proposed on the basis of the characteristics communicated to the IFRB.

4.2.6 When requesting the agreement of another administration, the administration proposing to modify the Plan may also communicate any additional information relating to proposed methods and criteria to be used as well as other details concerning the terrain, particular propagation conditions, etc. (see also [Annex 5]).

4.2.7 On receipt of the information referred to in section 4.2.5 above, the IFRB shall [within 90 days]:

- a) identify the administrations whose [assignments/services] are likely to be affected in conformity with sections 4.2.2 and 4.2.4;

- b) send immediately a telex to those administrations identified in a) above which have not yet given their agreement, drawing their attention to the information contained in the special section of a forthcoming weekly circular and indicating the nature of the modification to the Plan;
- c) publish the information received in the special section of this weekly circular, together with the names of the administrations identified, indicating those whose agreement has been obtained.

4.3 Consultation of the administrations whose assignments may be affected

4.3.1 The special section of the IFRB weekly circular, referred to in 4.2.7 c), constitutes the formal request for agreement addressed to those administrations whose agreement remains to be obtained.

4.3.2 Any administration which considers that it should have been included in the list of administrations whose frequency assignments are likely to be affected may, within 40 days from the date of publication of the weekly circular, request the IFRB by telex to include its name. A copy of the request shall be sent to the administration proposing the modification to the Plan.

4.3.3 On receipt of the telex, the IFRB shall consider the matter and, if it finds that the name of this administration should have been included in the list, it shall:

- inform the administrations concerned by telex; and
- publish the name of the administration in an addendum to the special section of the weekly circular referred to in 4.2.7 c).

For this administration, the overall period of 100 days specified in section 4.3.10 shall run from the date of publication of the addendum to the special section of the weekly circular referred to above.

4.3.4 An administration receiving a telex from the IFRB sent in accordance with sections 4.2.7 or 4.3.3 above shall acknowledge receipt within 50 days.

4.3.5 If the IFRB has not received an acknowledgement after 50 days, it shall send a reminder telex and inform the administration that, if no reply is received within 10 days, it will be deemed to have received the request for agreement.

4.3.6 On receipt of the special section of the IFRB weekly circular referred to in sections 4.2.7 c) and 4.3.3, any administration listed therein shall determine the effect produced on its assignments by the proposed modification to the Plan, using any of the additional information referred to in section 4.2.6 which it finds acceptable.

4.3.7 If the administration consulted is responsible for:

4.3.7.1 a television broadcasting assignment, it should normally accept the proposed modification provided that:

the resulting nuisance field strength does not exceed:

47 dB (μ V/m) in band I

53 dB (μ V/m) in band III

62 dB (μ V/m) in band IV

67 dB (μ V/m) in band V

4.3.7.2 a station in the fixed service, it should normally accept the proposed modification provided that []

4.3.7.3 a station in the mobile service, it should normally accept the proposed modification provided that []

4.3.7.4 a station in the amateur service, it should normally accept the proposed modification provided that []

4.3.7.5 a station in the aeronautical radionavigation service, it should normally accept the proposed modification provided that []

4.3.7.6 a station in the radionavigation service, it should normally accept the proposed modification provided that []

4.3.7.7 a station in the radioastronomy service, it should normally accept the proposed modification provided that []

4.3.8 An administration receiving a telex from the IFRB sent in accordance with sections 4.2.7 or 4.3.3 may request the IFRB to calculate the increase in the usable field strength or the nuisance field strength resulting from the proposed modification, using the method described in Annex 2.

The IFRB shall send these results by the most expeditious means.

4.3.9 An administration may ask the administration proposing the modification to the Plan for any additional information it considers necessary to calculate the increase in the usable field strength. Similarly, the administration proposing the modification may ask any administration whose agreement it seeks for any additional information it considers necessary. The administrations shall inform the IFRB of such requests.

4.3.10 An administration which is not in a position to give its agreement to the proposed modification shall give its reasons within 100 days from the date of the weekly circular referred to in section 4.2.7 c).

4.3.11 Seventy days after the publication of the weekly circular mentioned in section 4.2.7 or 4.3.3 the IFRB shall request by telex any administration which has not yet given its decision in the matter to do so and shall inform it that, if no reply is received within an overall period of 100 days following the date of publication of this weekly circular, it is deemed to have agreed to the proposed modification to the Plan. This time limit may be extended by 14 days in

the case of an administration which has requested additional information or which has asked the IFRB to carry out technical studies.

4.3.12 If at the end of the 100-day period (possibly extended by 14 days) there is continuing disagreement, the IFRB shall make any study that may be requested by these administrations, it shall inform them of the result of the study and shall make such recommendations as it may be able to offer for the solution of the problem.

4.3.13 An administration may request the assistance of the IFRB in the following cases:

- in seeking the agreement of another administration;
- in applying any stage of the procedure described in this Article;
- in carrying out technical studies in relation to this procedure;
- in applying the procedure with respect to other administrations.

4.4 Comments of other administrations

4.4.1 On receipt of the special section of the IFRB weekly circular published pursuant to section 4.2.7, administrations may send their comments to the administration proposing the modification either directly or through the IFRB. In any event the IFRB shall be informed that comments have been made.

4.4.2 An administration which has not notified its comments either to the administration concerned or to the IFRB within a period of 100 days following the date of the weekly circular referred to in section 4.2.7 c) shall be understood to have no objection to the proposed change. This time limit may be extended by 14 days in the case of an administration which has requested additional information or which has asked the IFRB to carry out technical studies.

4.5 Cancellation of an assignment

When an assignment in conformity with this Agreement is cancelled, whether or not as a result of a modification (for instance, in connection with a change of frequency), the administration concerned shall immediately inform the IFRB, which shall publish this information in a special section of its weekly circular.

4.6 Updating of the Plan

4.6.1 An administration which has obtained the agreement of the administrations whose names were published in the special section referred to in sections 4.2.7 and 4.3.3 shall inform the IFRB within [180 days after the end of the 100-day period (possibly extended by 14 days)] indicating the final agreed characteristics of the assignment together with the names of the administrations with which agreement has been reached. It may bring the assignment in question into use. If the notifying administration informs the IFRB after the 180-day period, the procedure shall be re-initiated from the beginning.

4.6.2 The IFRB shall publish in the special section of its weekly circular the information received under section 4.2.5 or 4.6.1 together with the names of any administrations with which the provisions of this Article have been successfully applied. With respect to Contracting Members, the assignment concerned shall enjoy the same status as those appearing in the Plan.

4.6.3 The IFRB shall maintain an up-to-date master copy of the Plan, taking account of any modifications, additions and deletions made in accordance with the procedure of this Article.

4.6.4 The Secretary-General shall publish an up-to-date version of the Plan in an appropriate form as and when the circumstances justify and in any case an addendum every three years.

4.7 Elimination of harmful interference

If a change, although made in accordance with the provisions of this Article, causes harmful interference to services of other Contracting Members, the administration which has made the change shall take the requisite action to eliminate such interference.

4.8 Settlement of disputes

If, after application of the procedure described in this Article, the administrations concerned have been unable to reach agreement, they may resort to the procedure described in Article 50 of the Convention. They may also agree to apply the Optional Additional Protocol to the Convention.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT RECOMMENDATION No. COM5/A

**Relating to the Use of some of the Planned Bands by the
[Radioastronomy, Amateur, Radionavigation, or
Aeronautical Radionavigation] Services**

The Regional Administrative Radio Conference for the Planning of Television Broadcasting in the African Broadcasting Area and the Neighbouring Countries (Geneva, 1989),

considering

- a) that some of the frequency bands planned by this Conference are also allocated on a primary or permitted basis to the [radioastronomy, amateur, radionavigation, or aeronautical radionavigation] services;
- b) that the Conference was not able to develop the appropriate technical sharing criteria and the associated provisions which could be used for the sharing between television broadcasting and these services in these bands;

recommends

- 1. that administrations, when authorizing assignments to stations of these services, should also take into consideration the possible effect that such assignments may have on the Plan and also the effect that any television assignments in the Plan might have on the assignments to stations of these services so as to minimize the possibility of any interference;
- 2. that in the event of any interference between assignments to stations of these non-planned services and the assignments to television stations included in the Plan, administrations shall cooperate in resolving any such interference.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT RESOLUTION No. COM5/1

**Application of Article 14 for the Bands and Administrations
covered by No. 635 of the Radio Regulations**

The Regional Administrative Radio Conference for the Planning of Television Broadcasting in the African Broadcasting Area and the Neighbouring Countries (Geneva, 1989),

considering

- a) that the bands 230 - 238 and 246 - 254 MHz are allocated to the Broadcasting Service in certain countries under No. 635 of the Radio Regulations subject to the application of the procedure of Article 14 of the Radio Regulations;
- b) that the Conference included in the Plan certain assignments in these bands for the administrations included in No. 635 with a Remark that these assignments have been included in the Plan subject to the successful application of Article 14 of the Radio Regulations;
- c) that it was not possible to apply the procedure of Article 14 before including these assignments in the Plan;

resolves

- 1. that the IFRB shall consider the assignments in these bands as having been communicated to the Board under No. 1612 of the Radio Regulations;
- 2. that the IFRB will apply the provisions of Article 14 starting with the publication as specified under No. 1615 of the Radio Regulations for the assignments mentioned in Resolves 1;
- 3. that after the successful application of the Article 14 procedure, the Board will remove the Remarks referred to in considerations (b).

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT RESOLUTION No. COM5/2

**Modifications to the Plan
Before the Entry into Force of the Agreement**

The Regional Administrative Radio Conference for the Planning of Television Broadcasting in the African Broadcasting Area and the Neighbouring Countries (Geneva, 1989),

considering

- a) that, in accordance with its agenda, it has adopted an Agreement and an associated Plan for TV Broadcasting in the bands 47 - 68, 174 - 238, 246 - 254 and 470 - 862 MHz in the planning area;
- b) that administrations may need to modify the characteristics of the stations appearing in the Plan or to add new stations before the entry into force of this Agreement;
- c) that these modifications should not cause an unacceptable deterioration of the situation resulting from the Plan for primary and permitted services;
- d) that in this respect it would be advisable to apply provisionally the procedure described in Articles 4 and 5 of the Agreement and in the corresponding annexes;

resolves

- 1. that, before the date of entry into force of the Agreement, an administration proposing to modify the Plan, the administrations whose services are likely to be affected and the IFRB shall apply the procedures in Articles 4 and 5 of the Agreement and the corresponding annexes;
- 2. that, in addition to the publications made in accordance with the Articles referred to in 1 above during the period preceding the date of entry into force of the Final Acts, the IFRB shall at that date publish a recapitulative list of the modifications to the Plan made in accordance with the present Resolution indicating the names of the administrations whose agreement was obtained and shall update the Plan accordingly.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT RESOLUTION No. COM5/3

Interim Post-Conference Procedure

The Regional Administrative Radio Conference for Planning of Television Broadcasting in the African Broadcasting Area and Neighbouring Countries (Geneva, 1989),

considering

- a) that all the assignments in the planning area appearing in the list of requirements as modified before and during the Conference have been included either in the Plan or in the appendix to the Plan;
- b) the limited time available during the Conference to complete coordination;
- c) the progress which has nevertheless been made towards the development of a comprehensive Plan;
- d) that it is therefore necessary to establish procedures for resolving these incompatibilities so as to enable the negotiating process to be continued and completed as quickly and effectively as possible;

resolves

- 1. to adopt the procedure described in annex to this Resolution for the resolution of incompatibilities; thus permitting the transfer of assignments from the appendix to the Plan;
- 2. that this Resolution, including its annex, shall enter into force upon the signing of the Final Acts of this Conference,

strongly urges administrations whose assignments appear in the appendix to the Plan

to make every effort to resolve the incompatibilities relating to their assignments as quickly as possible, and in any case before [],

requests the IFRB

to give all the necessary assistance to administrations, particularly those of developing countries, in carrying out the procedures described in the annex to this Resolution, and in particular:

- a) to assist them in a thorough analysis of their incompatibilities (especially in congested areas);
- b) to make recommendations, at the request of the parties concerned, on possible means of resolving incompatibilities.

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[ANNEX TO DRAFT RESOLUTION No. COM5/3/ARTICLE 4BIS]

Continued Coordination of Assignments Appearing
in the Appendix to the Plan

1. The requirements concerning assignments [which cause a nuisance field strength higher than [the appropriate value shown in 4.3.7.1 of Article 4] to other assignments and] which have not secured all the necessary agreements during the Conference are contained in the appendix to the Plan. They will remain in this appendix until []. Exceptionally, at the request of one or more of the administrations concerned, an assignment may remain in the appendix until [] a copy of this request shall be sent to the IFRB.

2. Until the dates indicated in section 1 above, these assignments have the same status as the other assignments in the Plan as regards the application of the provisions of Article 4.

3. Administrations should continue coordination of these assignments, taking account of the geographical conditions and other relevant factors to the extent that the necessary data are available, and inform the IFRB of the agreements obtained.

4. When the IFRB finds that:

- all the necessary agreements have been obtained, or
- the assignment appearing in the appendix to the Plan has been modified in such a way that its nuisance field strength caused to the stations of the administrations whose agreement is still required is less than the appropriate value shown in 4.3.7.1 of Article 4

it shall publish the assignment concerned in a special section of its weekly circular and shall transfer it to the Plan.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5**DRAFT AGREEMENT****ARTICLE 1****Definitions**

For the purposes of this Agreement, the following terms shall have the meanings defined below:

- 1.1 Union: The International Telecommunication Union.
- 1.2 Secretary-General: The Secretary-General of the Union.
- 1.3 IFRB: The International Frequency Registration Board.
- 1.4 CCIR: The International Radio Consultative Committee.
- 1.5 Convention: The International Telecommunication Convention (Nairobi, 1982).
- 1.6 Radio Regulations: The Radio Regulations (1982 edition, revised in 1985, 1986, 1988 and by WARC MOB-87) annexed to the Convention.
- 1.7 Conference: The Regional Administrative Radio Conference for the Planning of VHF/UHF Television Broadcasting in the African Broadcasting Area and Neighbouring Countries.¹
- 1.8 Planning area: The countries of the African Broadcasting Area as defined in Nos. 400 to 403 of the Radio Regulations and the following neighbouring countries: Bahrain, [the Islamic Republic of Iran,] Iraq, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates, Yemen Arab Republic and the remainder of the People's Democratic Republic of Yemen which is not situated in the African Broadcasting Area.
- 1.9 Agreement: The Regional Agreement and its Annexes as drawn up by this Conference.

¹ This Conference was held in two sessions:

- the First Session, responsible for preparing a report to the Second Session, was held in Nairobi from 22 September to 9 October 1986;
- the Second Session, responsible for drawing up an Agreement and associated Frequency Assignment Plan, was held in Geneva from 13 November to [8] December 1989.

1.10 Plan: The Plan as specified in 3.1.1.

1.11 Contracting Member: Any Member of the Union in the Planning area which has approved or acceded to this Agreement.

1.12 Administration: Unless otherwise indicated, the term administration designates an administration, as defined in No. 2002 of the Convention, of a Contracting Member.

1.13 Assignment in conformity with this Agreement: Any assignment appearing in the Plan, or for which the procedure of Article 4 has been successfully applied.

ARTICLE 2

Execution of the Agreement

2.1 The Contracting Members shall adopt for their television broadcasting stations in the planning area operating in the VHF and UHF bands referred to in Article 3 the characteristics specified in the Plan.

2.2 The Contracting Members shall not modify these characteristics or establish new stations, except under the conditions provided for in Article 4.

2.3 The Contracting Members undertake to apply the procedures of Article 5 for the other services to which these bands are also allocated.

2.4 The Contracting Members undertake to study and, in common agreement, to put into practice the measures necessary to eliminate any harmful interference that might result from the application of this Agreement.

2.5 Should agreement, as envisaged in section 2.4 above prove impossible, the Contracting Members concerned may, in accordance with Article 35 of the Convention, resort to the procedure laid down in Article 22 of the Radio Regulations.

ARTICLE 3

Annexes to the Agreement

3.1 Annex 1: The Plan and its Appendix

Frequency Assignment Plan for VHF/UHF Television Broadcasting Stations in the African Broadcasting Area and Neighbouring Countries.

3.1.1 The Plan contains frequency assignments and associated characteristics of television broadcasting stations, coordinated either during the Conference

or by the application of the provisions of Article 4, [or coordinated after the Conference in accordance with Resolution ...], in the following frequency bands:

- 47 - 68 MHz (the Plan is limited to the band 54 - 68 MHz in the following countries: Botswana, Burundi, Lesotho, Malawi, Namibia, Rwanda, South Africa, Swaziland, Zaire, Zambia and Zimbabwe);
- 174 - 230 MHz;
- 230 - 238 MHz and 246 - 254 MHz for the countries listed in No. 635 of the Radio Regulations;
- 470 - 862 MHz.

3.1.2 The Appendix to the Plan contains the list of the assignments, [for a specified period,] which could not be fully coordinated during the Conference [(see Resolution No. COM5/3/Article 4bis)].

3.2 Other Annexes

Annex 2: Technical data

Annex 3: Basic characteristics of television stations to be submitted for modification to the Plan in accordance with Article 4 of the Agreement

Annex 4: Limits for determining when agreement with another administration is required as a result of a proposed modification to the Plan

Annex 5: Additional technical data which may be used for coordination between administrations

[ARTICLE 4]

ARTICLE 5

Notification of Frequency Assignments

5.1 Notification of frequency assignments to television broadcasting stations

When an administration of a Contracting Member proposes to bring into use a television broadcasting assignment in conformity with this Agreement, it shall notify the assignment to the IFRB in accordance with the provisions of Article 12 of the Radio Regulations. [In the case of frequency assignments in the band 230 - 238 MHz or 246 - 254 MHz, see also [Resolution No. COM5/1].]

In relations between Contracting Members, assignments thus brought into use and entered in the Master International Frequency Register will have the same status, irrespective of the date on which they were brought into service.

5.2 Notification of frequency assignments to the primary and permitted services in the planned bands (other than television), with the exception of those covered by 5.3

5.2.1 In the case of frequency assignments to stations in the other non-planned services, the provisions of Article 12 of the Regulations shall apply, account being taken of the categories of services and allocations specified in Article 8 of the Regulations. However, assignments made to stations of these services should be notified to the Board, if the proposed assignment requires the agreement of another administration in accordance with [sections 2, 3 or 4 of Annex 4].

5.2.2 In the application of No. 1245 of the Radio Regulations, the Board shall examine, using the criteria of [sections 2, 3 or 4 as appropriate of Annex 4] the notices of these assignments:

- a) if the Board finds that agreement is not required with any other administration, then the assignment shall be recorded in the Master Register;
- b) if the Board finds that agreement is required with another administration, and such agreement has not been communicated to the Board, the notice shall be returned to the notifying administration;
- c) if the Board finds that agreement is required and the agreement has been communicated to the Board, the assignment shall be recorded in the Master Register.

5.3 Notification of assignments of the fixed service in the band 790 - 862 MHz using a frequency assignment in the Plan for a television broadcasting station

5.3.1 Administrations may use their broadcasting assignments in the frequency band 790 - 862 MHz for the fixed service on the following conditions:

- the assigned bandwidth of the fixed station is all within the assigned channel;
- the geographical position of the fixed station is the same as the one of the broadcasting station in the Plan, or is within the limits [of paragraph 4.2.4 c)] of Article 4;
- the station of the fixed service shall not cause more interference in any direction than would cause the broadcasting assignment it replaces;
- the station of the fixed service shall not request a greater protection than would be given to the planned broadcasting station it replaces.

5.3.2 When the conditions in 5.3.1 above are satisfied, the Board shall not examine the fixed assignment against the existing or planned broadcasting assignments of the Contracting Members.

ARTICLE 6

Accession to the Agreement

6.1 Any Member of the Union in the planning area which has not signed the Agreement may at any time deposit an instrument of accession with the Secretary-General, who shall immediately inform the other Members of the Union. Accession to the Agreement shall be made without reservations and shall apply to the Plan as it stands at the time of accession.

6.2 Accession to the Agreement shall become effective on the date on which the instrument of accession is received by the Secretary-General.

ARTICLE 7

Scope of Application of the Agreement

7.1 This Agreement shall bind Contracting Members in their relations with one another but shall not bind those Members in their relations with non-Contracting Members.

7.2 If a Contracting Member enters reservations with regard to the application of any provision of this Agreement, other Contracting Members shall be free to disregard such provision in their relations with the Member which has made such reservations.

ARTICLE 8

Approval of the Agreement

8.1 Members signatory to the Agreement shall notify their approval of this Agreement, as promptly as possible, to the Secretary-General, who shall at once inform the other Members of the Union.

ARTICLE 9

Denunciation of the Agreement

9.1 Any Contracting Member may denounce this Agreement at any time by a notification sent to the Secretary-General, who shall inform the other Members of the Union.

9.2 Denunciation shall become effective one year after the date on which the Secretary-General receives the notification of denunciation.

9.3 On the date on which the denunciation becomes effective, the IFRB shall delete from the Plan the assignments entered in the name of the Member which has denounced the Agreement.

ARTICLE 10

Revision of the Agreement

10.1 No revision of the Agreement shall be undertaken except by a competent regional administrative radio conference convened in accordance with the procedure laid down in the Convention, to which all the Members of the Union in the planning area shall be invited.

ARTICLE 11

Entry into Force and Duration of the Agreement

11.1 This Agreement shall enter into force on [1 July 1992] at 0001 hours UTC.

11.2 On that date, with the exception of stations operating in conformity with No. 342 of the Radio Regulations, television broadcasting stations in operation with frequency assignments which do not appear in the Plan shall cease transmitting. Such stations may resume operation only after the necessary agreements have been obtained in accordance with Article 4.

11.3 This Agreement shall remain in force until it is revised in accordance with Article 10.

IN WITNESS THEREOF, the undersigned delegates of the Members of the Union, on behalf of the competent authorities of their respective countries, sign this Agreement in a single copy in the Arabic, English, French and Spanish languages; in case of dispute, the French text shall be authentic. This copy shall remain deposited in the archives of the Union. The Secretary-General shall forward one certified true copy to each Member of the Union in the planning area.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 4

DRAFT LAYOUT OF THE FREQUENCY ASSIGNMENT PLAN

(Information included in the Columns of the Plan)

- [A] IFRB Identification No.
- [B] Symbol designating the administration
- [1] Assigned frequency (MHz)
- [2a] Vision carrier nominal frequency (MHz)
- [2b] Vision carrier offset
- [3a] Sound carrier nominal frequency (MHz)
- [3b] Sound carrier offset
- [4a] Television system
- [4b] Colour system
- [5] Name of transmitting station
- [6] Symbol designating the country or geographical area in which the transmitting station is located
- [7] Longitude and latitude, in degrees and minutes, of the transmitting antenna site
- [8] Maximum effective radiated power (dBW) of the vision carrier
- [9] Maximum effective radiated power (dBW) of the sound carrier
- [10] Directional characteristics of the transmitting antenna (ND,D)
- [11] Attenuation (dB), in different azimuths with respect to the maximum e.r.p. (every 10°)

- [12] Polarization of emission
- [13a] Maximum effective height of the antenna (m)
- [13b] Effective height of the antenna (m) in different azimuths (every 10°)
- [14] Remarks

E. KAMDEM KAMGA
Chairman of Committee 4

COMMITTEE 4

DRAFT LAYOUT OF THE FREQUENCY ASSIGNMENT PLAN

(Information included in the Columns of the Plan)

- [A] IFRB Serial No.
- [B] Symbol designating the administration
- [1] Assigned frequency (MHz)
- [2a] Vision carrier nominal frequency (MHz)
- [2b] Vision carrier offset
- [3a] Sound carrier nominal frequency (MHz)
- [3b] Sound carrier offset
- [4a] Television system
- [4b] Colour system
- [5] Name of transmitting station
- [6] Symbol designating the country or geographical area in which the station is located
- [7] Geographical coordinates, in degrees and minutes of the transmitting antenna site
- [8] Maximum effective radiated power (dBW) of the vision carrier
- [9] Maximum effective radiated power (dBW) of the sound carrier
- [10] Type of antenna (ND,D)
- [11] Attenuation (dB), in different azimuths with respect to the maximum e.r.p. (every 10°)

- [12] Polarization of emission
- [13a] Maximum effective antenna height (m)
- [13b] Effective antenna height (m) in different azimuths (every 10°)
- [14] Remarks

E. KAMDEM KAMGA
Chairman of Committee 4

COMMITTEE 4

DRAFT LAYOUT OF THE FREQUENCY ASSIGNMENT PLAN

(Information included in the Columns of the Plan)

- [A] IFRB Serial No.
- [B] Symbol designating the administration
- [1a] Vision carrier nominal frequency (MHz)
- [1b] Vision carrier offset
- [2a] Sound carrier nominal frequency (MHz)
- [2b] Sound carrier offset
- [3a] Television system
- [3b] Colour system
- [4] Name of transmitting station
- [5] Symbol designating the country or geographical area in which the station is located
- [6] Geographical coordinates, in degrees and minutes of the transmitting antenna site
- [7a] Maximum effective radiated power (dBW) of the vision carrier
- [7b] Plane of polarization of the vision carrier
- [7c] Attenuation (dB), with respect to the maximum value of effective radiated power, in different azimuths of the vision carrier
- [8a] Maximum effective radiated power of the sound carrier
- [8b] Plane of polarization of the sound carrier
- [8c] Attenuation (dB), in different azimuths of the sound carrier with respect to the maximum e.r.p.

- [9a] Maximum effective antenna height (m)
- [9b] Effective antenna height (m) in different azimuths
- [10] Remarks
- [11] [Calculated usable field strength ($\mu\text{V/m}$)]

E. KAMDEM KAMGA
Chairman of Committee 4

COMMITTEE 5
TECHNICAL WORKING
GROUP OF THE PLENARY

PROPOSED MODIFICATION OR AMENDMENTS TO TEXTS ADOPTED
BY THE TECHNICAL WORKING GROUP OF THE PLENARY

The following draft modifications have been proposed during the joint meeting of Committee 5 and the Technical Working Group of the Plenary:

1. In Recommendation No. WG-PLN/A (Document 65) add a second recommends as follows:

"- administrations to notify their assignments to fixed services"

2. In the same Recommendation amend Figure 1 of the annex as shown.

3. In Chapter 5, Annex 2 (Document 64), amend text of section 5.4.1.2 to read as follows:

"Calculations for the interfering field strength shall be carried out for any point of the border line and at a height of 10 m above ground level using curves of [Annex 2, Chapter 2] - Appropriate figures for 10% time and 50% of locations shall be used."

K.J.B. YAO
Chairman of the
Technical Working Group
of the Plenary

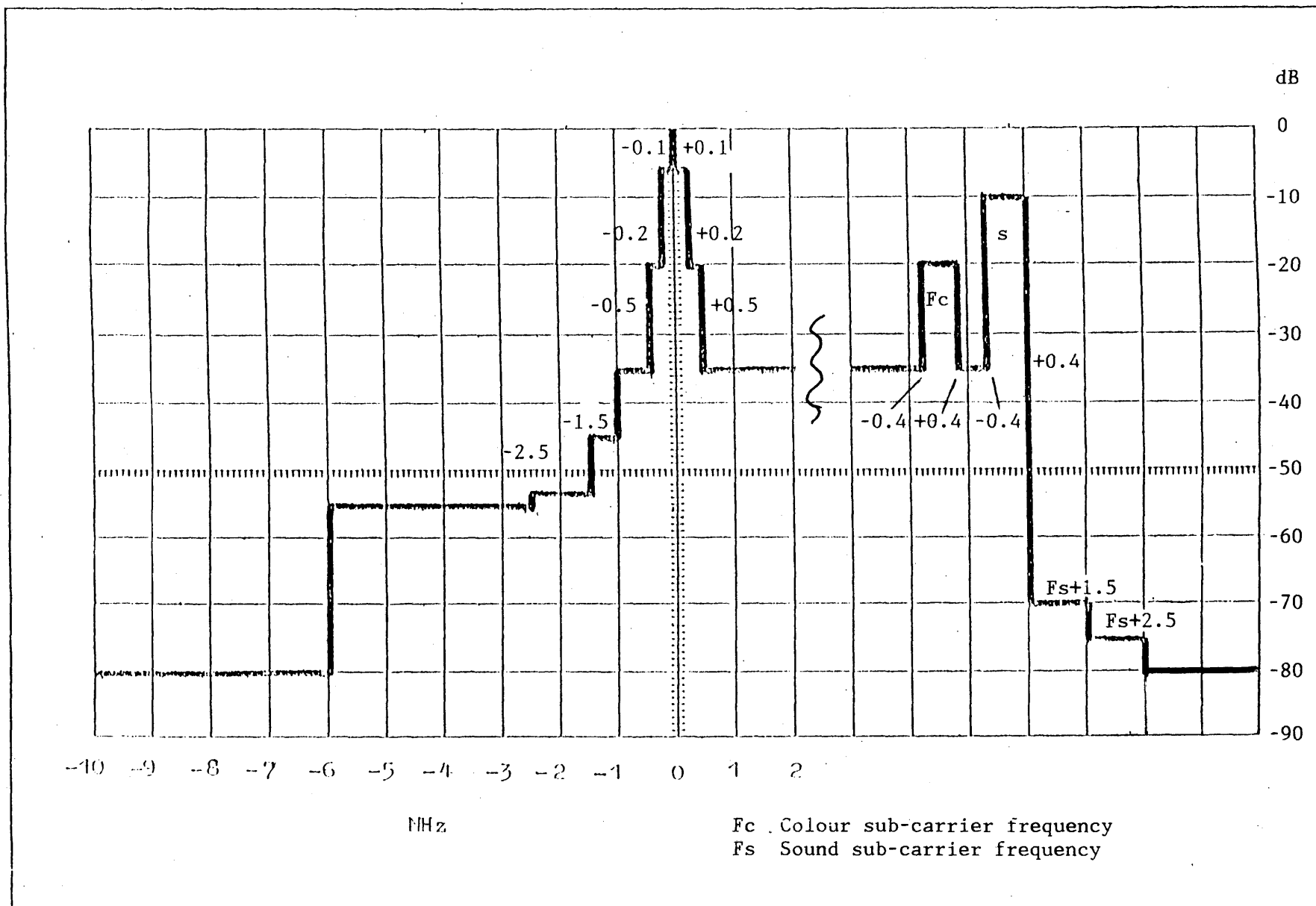


FIGURE 1

Relative protection ratio in the RF range as a function of the carrier frequency separation

Draft

ANNEX 4

**Limits for determining when agreement with
another administration is required**

CHAPTER 1

Limits relating to television broadcasting

In applying section 4.2.2 a) of Article 4, the following tables of distances between the television broadcasting station and any point on the boundary of any other administration shall be used to identify administrations whose television broadcasting services are likely to be affected (Tables).

Each table refers to a particular frequency band and sets out the coordination distance limits for effective radiated powers of 1 W, 10 W, 100 W, 1 kW, 10 kW, 100 kW, 200 kW (for band III) and 500 kW (for bands IV and V) and effective antenna heights of 75 m, 300 m and 1,200 m in propagation zones 1, 2, 3, 4, A, B, C and C1.

For intermediate effective radiated power and effective antenna height values, linear interpolation shall be used. For effective radiated power values lower than 1 W, or for effective antenna height values below 75 m, the values corresponding to 1 W and 75 m respectively shall be used. For effective antenna height values greater than 1,200 m, linear extrapolation shall be applied.

For mixed paths the coordination distance, D_M , shall be calculated in accordance with [paragraph 2.1.6 of Annex 2 (Document 46)].

CHAPTER 2

**Limits relating to the protection of the fixed
service from the modifications to the Plan**

In applying section 4.2.2 b) of Article 4, the following criteria shall be used to determine if the assignment to a station of the fixed service of another administration is likely to be affected.

The value of the interfering field strength from the television transmitter at the site of the fixed station FS_{limit} above which the assignment of the fixed service is likely to be affected is given by:

$$FS_{limit} = -2 + RPR + dB(\mu V/m)$$

where

RPR is the relative protection ratio taken from Figure [1].

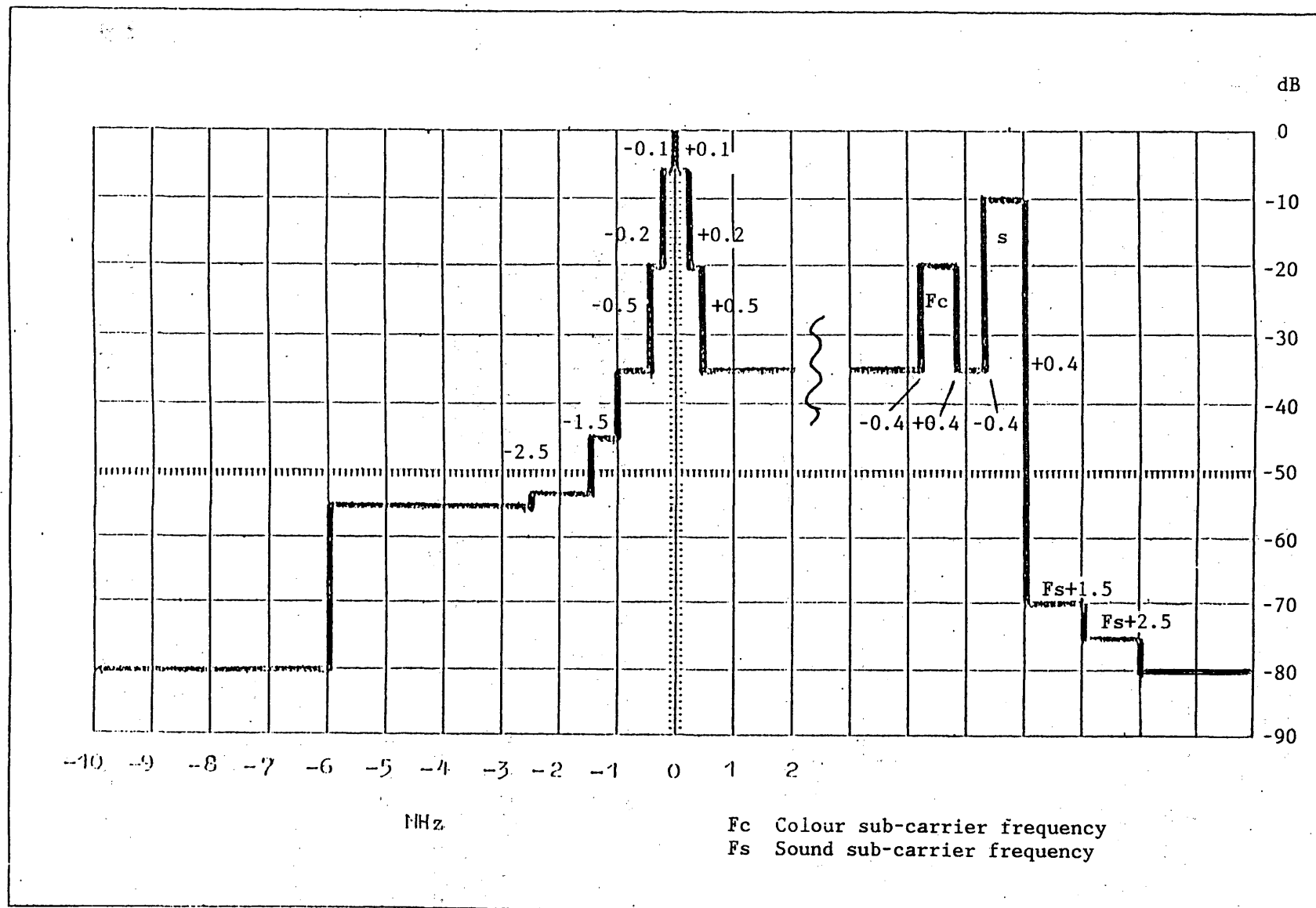


FIGURE [1]

Relative protection ratio in the RF range as a function of the carrier frequency separation

CHAPTER 3

Limits relating to the protection of the mobile service from modifications to the Plan

In applying section 4.2.2 c) of Article 4, the following criteria shall be used to determine if the mobile service of another administration is likely to be affected by a proposed modification to the Plan. The mobile service is likely to be affected if value of the interfering field strength at any point of the border of the other administration is greater than the appropriate value in the table below:

Frequency range (MHz)	Limit value dB(μ V/m)
47 - 68	6
174 - 254	4
470 - 582	10
582 - 862	20

The field strength shall be calculated for 10% of the time and 50% of the locations in accordance with Chapter 2 of Annex 2.

CHAPTER 4

(Option 1)

Limits relating to the protection of the broadcasting service from assignments to stations of the fixed and mobile services

In applying section 5.2.2 of Article 5, the agreement of another administration is required before notifying an assignment to a station of the fixed or mobile service if the interfering field strength at any point of the border of this administration is greater than the limit value:

$$E_{lim} = E_{min} + Pr + Rpr$$

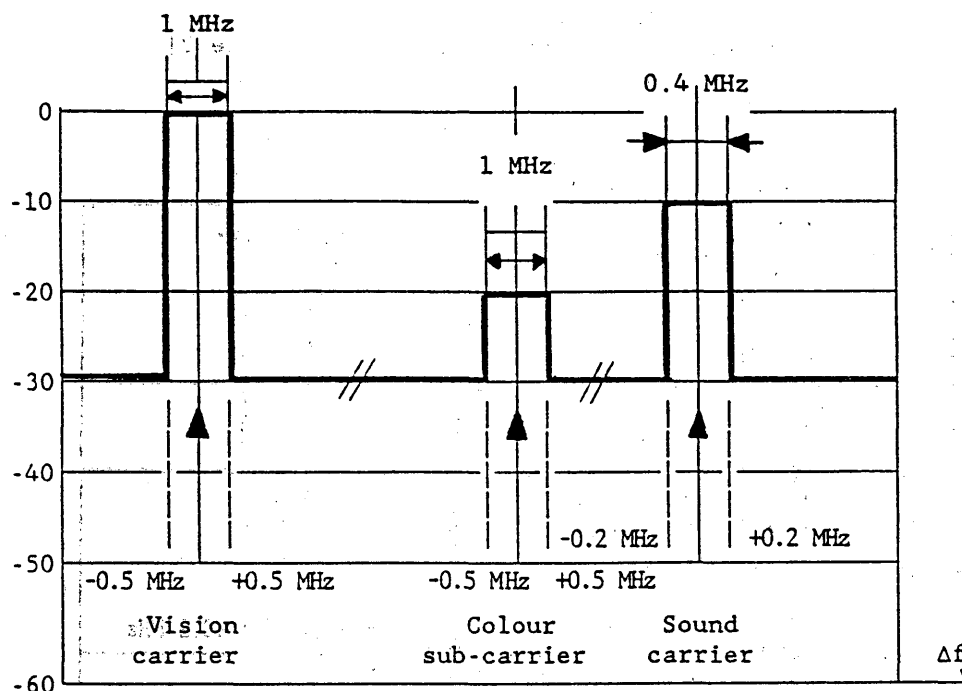
where

E_{min} is the appropriate minimum field strength to be protected

47 - 68 MHz
174 - 254 MHz
470 - 582 MHz
582 - 862 MHz

Pr is the protection ratio when the frequency of the fixed or mobile status is equal to the image frequency corresponding to the television channel.

Rpr is the relative protection ratio given in [Figure 2].



[FIGURE 2]

Relative values of the radio frequency protection ratio
as a function of the carrier frequency separation

CHAPTER 4

(Option 2)

Limits relating to the protection of the Plan from assignments to stations of the fixed and mobile services

In applying section 5.2.2 of Article 5, the agreement of another administration is required before notifying an assignment to a station of the fixed or mobile service if the interfering field strength at the site of a television broadcasting station using an overlapping frequency band is greater than the limit value:

$$E_{lim} = E_{min} + Pr + Rpr$$

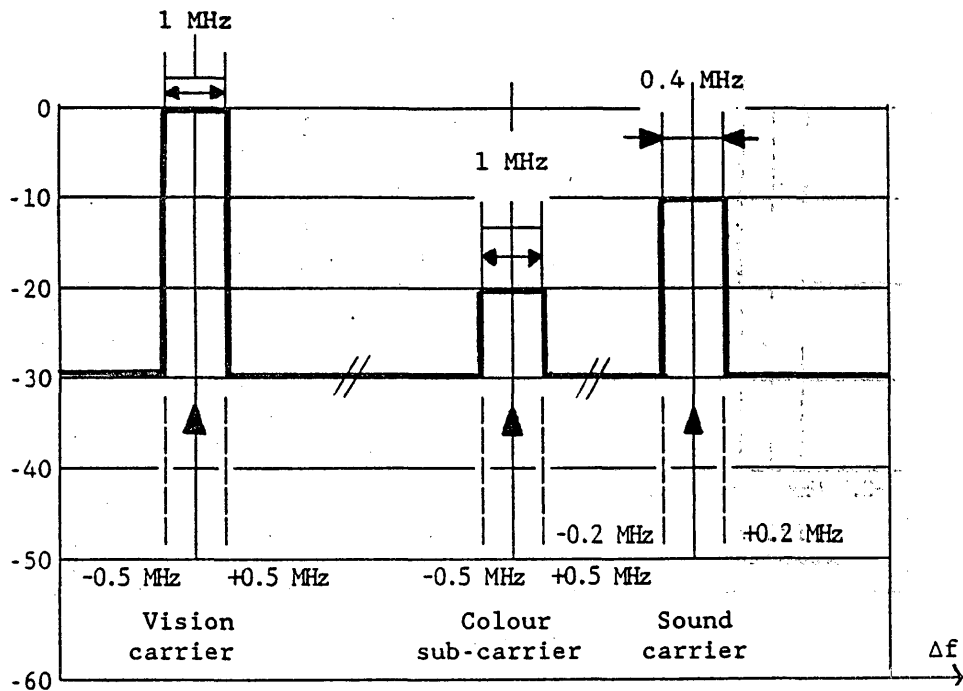
where

E_{min} is the appropriate minimum usable field strength to be protected

- 47 - 68 MHz
- 174 - 254 MHz
- 470 - 582 MHz
- 582 - 862 MHz

P_r is the protection ratio when the frequency of the fixed or mobile status is equal to the image frequency corresponding to the television channel.

R_{pr} is the relative protection ratio given in [Figure 2].



[FIGURE 2]

Relative values of the radio frequency protection ratio
as a function of the carrier frequency separation

D. F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT RECOMMENDATION No. COM5/B

**Conformity to the Plan of Existing Assignments
to Television Broadcasting Stations**

The Regional Administrative Radio Conference for the Planning of Television Broadcasting in the African Broadcasting Area and Neighbouring Countries (Geneva, 1989),

considering

- a) that the Agreement enters into force on [1 July 1992];
- b) that the existing assignments to television broadcasting stations which are not in conformity to the Plan shall be modified accordingly at this date,

requests the IFRB

1. to inform the administrations, one year before the entry into force of the Agreement, of all their notified assignments to television broadcasting stations in the planning area which are not in conformity to the Plan, requesting them to notify the necessary modifications at the date of entry into force;
2. to review, [two months after the entry into force of the Agreement,] all assignments to television broadcasting stations, and:
 - if the assignment is in conformity to the Plan, to indicate this in its findings;
 - if the assignment is not in conformity to the Plan, to indicate that this assignment is made under the condition not to cause harmful interference to the assignments in conformity to the Plan,

recommends to the administrations

1. to approve the Agreement or accede to it as soon as possible;
2. to do the necessary steps, when receiving the information under requests the IFRB 1, to modify the assignments in order to bring them in conformity to the Plan;
3. to notify these modifications to the IFRB,

instructs the Secretary-General

to communicate this Recommendation to the attention of all countries in the planning area.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT

RECOMMENDATION No. COM5/C

**Incompatibilities between the Plan and the existing primary services,
other than television broadcasting**

The Regional Administrative Radio Conference for the Planning of Television Broadcasting in the African Broadcasting Area and the Neighbouring Countries (Geneva, 1989),

considering

- a) that the frequency bands planned by this Conference are also allocated on a primary basis to the fixed, mobile, radionavigation, or aeronautical radionavigation services;
- b) that the Conference was not able to take into account the existing assignments to stations of these services in the planning process,

requests the IFRB

- 1. to study the incompatibility between the Plan and the notified assignments to stations of the primary service, using the criteria defined in this Agreement;
- 2. to send the results of this study to the concerned administrations,

recommends

- 1. that administrations, when receiving the results of the study by the IFRB, take necessary steps to minimize the possibility of any interference;
- 2. that in the event of any interference from the assignments to television stations included in the Plan to assignments to stations of the other primary services, administrations shall cooperate in resolving any such interference.

D.F. MATAVIRE
Chairman of Committee 5

AFBC(2)

INTERNATIONAL TELECOMMUNICATION UNION
RARC FOR THE PLANNING OF VHF/UHF TELE-
VISION BROADCASTING IN THE AFRICAN
BROADCASTING AREA AND NEIGHBOURING
COUNTRIES
SECOND SESSION. GENEVA November-December 1989

Document DT/23-E
28 November 1989
Original: English

COMMITTEE 5

DRAFT PARAGRAPH 11.2 OF ARTICLE 11

11.2 On that date, with the exception of stations operating in conformity with No. 342 of the Radio Regulations, television broadcasting stations in operation with frequency assignments which do not appear in the Plan, or operating with characteristics different from those included in the Plan shall cease transmitting. Such stations may resume operation only after the necessary agreements have been obtained in accordance with Article 4.

At this same date, stations in operation which are included in the appendix to the Plan may only continue to operate until 1 July 1997 with the characteristics shown in the appendix on the condition of not causing interference to stations operating in accordance with the Plan.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

Draft Annex 3

BASIC CHARACTERISTICS OF TELEVISION STATIONS TO BE SUBMITTED
FOR MODIFICATION TO THE PLAN IN ACCORDANCE WITH
ARTICLE 4 OF THE AGREEMENT

- [1] Symbol designating the Administration
- [2] Assigned frequency (MHz)
- [3a] Vision carrier frequency (MHz)
- [3b] Sound carrier frequency (MHz)
- [4] Vision carrier offset (positive or negative multiples of 1/12 line-frequency)
- [5] Sound carrier offset (positive or negative multiples of 1/12 line-frequency)
- [6] Television system (B; -G; H; I; K1)
- [7] Colour system (N=NTSC; P=PAL; S=SECAM)
- [8] Name of the transmitting station
- [9] Symbol designating the country or geographical area in which the station is located (see Table No. 1 of the Preface to the International Frequency List)
- [10] Geographical coordinates of the transmitting antenna site (degrees and minutes)
- [11] Altitude of the transmitting antenna site above sea level (m)
- [12] Height of the antenna above ground level (m)
- [13] Maximum effective antenna height (m)
- [14] Effective antenna height (m) in different azimuths, every 10 degrees
- [15] Polarization (H=Horizontal; V=Vertical; M=Mixed)
- [16] Total effective radiated power (dBW)
- [17] Directivity of Antenna (ND or D)
- [18] Maximum value of effective radiated power (dBW) of the horizontal polarization component of the vision carrier in case of horizontal or mixed polarization
- [19] Maximum value of effective radiated power (dBW) of the vertical polarization component of the vision carrier in case of vertical or mixed polarization
- [20] Total vision to sound carrier power ratio
- [21] [Effective radiated power/attenuation] of the horizontal component [(dBW)/(dB)] in different azimuths, every 10 degrees
- [22] [Effective radiated power/attenuation] of the vertical component [(dBW)/(dB)] in different azimuths, every 10 degrees
- [23] Agreements obtained with ... (administration(s))
- [24] Remarks

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 5

DRAFT RECOMMENDATION No. COM5/D

**Relating to the Mutual and Reciprocal Coordination
Between Countries in the Planning Area and
Countries Outside of the Planning Area**

The Regional Administrative Radio Conference for the Planning of VHF/UHF Television Broadcasting in the African Broadcasting Area and Neighbouring Countries (Geneva, 1989),

considering

- a) that this Conference adopted an Agreement and associated Plan for television broadcasting in the VHF and UHF bands in the Planning Area;
- b) that assignments outside the Planning Area are likely to be affected by the television broadcasting assignments in this Plan and vice versa,

recommends

that the administrations concerned agree to the mutual and reciprocal coordination of the concerned frequency assignments irrespective of the status of their stations, whether operational or planned; this coordination will be carried out on the basis of equality of rights through bilateral or multilateral negotiations,

instructs the Secretary-General

to communicate this Recommendation to the countries neighbouring the Planning Area.

D.F. MATAVIRE
Chairman of Committee 5

COMMITTEE 2Draft

REPORT OF COMMITTEE 2 TO THE PLENARY MEETING

(CREDENTIALS)

1. Terms of reference

The terms of reference of the Committee are set out in Document 22(Rev. 1).

2. Meetings

The Committee met twice, on 16 November and 1 December 1989.

At its first meeting, it set up a Working Group consisting of the Chairman and Vice-Chairman of the Committee and one delegate from Niger, to verify Delegations' credentials in accordance with Article 67 of the International Telecommunication Convention, Nairobi (1982).

3. Conclusions

The conclusions reached by the Committee are reproduced in the annex attached hereto and submitted to the Plenary Meeting for approval.

4. Final remark

The Committee recommends that the Plenary Meeting authorize the Chairman and the Vice-Chairman of Committee 2 to verify the credentials received after the date of the present report and to submit their conclusions to the Plenary Meeting on the matter.

M.R. AL-ANI
Vice-Chairman of Committee 2

Annex: 1

1. Credentials found to be in order, deposited by the Delegations of countries having the right to vote

Algeria (People's Democratic Republic of)
Saudi Arabia (Kingdom of)
Bahrain (State of)
Benin (People's Republic of)
Botswana (Republic of)
Burkina Faso
Burundi (Republic of)
Cameroon (Republic of)
Congo (People's Republic of the)
Côte d'Ivoire (Republic of)
Egypt (Arab Republic of)
Spain
United Arab Emirates
Ethiopia (People's Democratic Republic of)
France
Gabonese Republic
Ghana
Guinea (Republic of)
Iran (Islamic Republic of)
Iraq (Republic of)
Kenya (Republic of)
Lesotho (Kingdom of)
Liberia (Federal Republic of)
Madagascar (Democratic Republic of)
Mali (Republic of)
Morocco (Kingdom of)
Mauritius
Mozambique (People's Republic of)
Niger (Republic of the)
Nigeria (Federal Republic of)
Oman (Sultanate of)
Qatar (State of)
Rwandese Republic
Senegal (Republic of)
Swaziland (Kingdom of)
Chad (Republic of)
Togolese Republic
Yemen Arab Republic
Yemen (People's Democratic Republic of)
Zambia (Republic of)
Zimbabwe (Republic of)

Conclusion: The Delegations of these countries are entitled to vote and to sign the Final Acts.

./..

2. Credentials found to be in order, deposited by Delegations of countries which do not have the right to vote (see Document 15)

Libya (Socialist People's Libyan Arab Jamahiriya)
Mauritania (Islamic Republic of)

Conclusion : The Delegations of these countries are not entitled to vote,
but may sign the Final Acts.

3. Delegations attending the Conference which have not deposited credentials

Central African Republic
Djibouti (Republic of)
Kuwait (State of)
Malawi
*Uganda (Republic of)

Conclusion: The Delegations of these countries are entitled neither to
vote nor to sign the Final Acts.

=====

* Included in the list of countries which have lost the right to vote
(see Document 15).

COMMITTEE 4

DRAFT NOTE FROM THE CHAIRMAN OF COMMITTEE 4

The following list contains entries of the MIFR for television stations which are located in countries neighbouring the planning area and which are in conformity with the Stockholm 1961 Plan.

Assignment identity	Assigned frequency	Country symbol	Station name	Class of STN
080219071	57.50000 M	JOR	AMMAN	BT
084007671	64.50000 M	TUN	REMADA	BT
080219717	169.23000 M	ALG	ALGER CHREA	BT
080220204	177.50000 M	EGY	CAIRO	BT
080220207	177.50000 M	EGY	MALLAWI	BT
080220329	177.50000 M	JOR	NABLUS	BT
080220915	182.38000 M	ALG	ORAN PERRET	BT
080221230	184.50000 M	EGY	ALEXANDRIA	BT
080221263	184.50000 M	JOR	AJLUN	BT
080222148	191.50000 M	JOR	HEBRON	BT
084001880	191.50000 M	JOR	PETRA CITY	BT
080223162	198.50000 M	ISR	JERUSALEM	BT
080223997	205.50000 M	EGY	CAIRO	BT
080224000	205.50000 M	EGY	ISMAILIA	BT
080224030	205.50000 M	ISR	MITZPE RAMON	BT
080224035	205.50000 M	JOR	BEIT RAS	BT
080225086	212.50000 M	ISR	EILAT	BT
084001889	212.50000 M	JOR	PETRA CITY	BT
080225826	219.50000 M	EGY	ALEXANDRIA	BT
080225875	219.50000 M	ISR	ZEFAT	BT
080603611	474.00000 M	ISR	HAIFA	BT
080604948	498.00000 M	ISR	HAIFA	BT
080607611	554.00000 M	ISR	JERUSALEM	BT
080611593	658.00000 M	ISR	TEL AVIV	BT

E. KAMDEM KAMGA
Chairman of Committee 4

AFBC(2)

INTERNATIONAL TELECOMMUNICATION UNION
**RARC FOR THE PLANNING OF VHF/UHF TELE-
VISION BROADCASTING IN THE AFRICAN
BROADCASTING AREA AND NEIGHBOURING
COUNTRIES**

SECOND SESSION, GENEVA November-December 1989

Document DT/28-E
29 November 1989
Original: English

COMMITTEE 5

DRAFT PREAMBLE

The duly accredited delegates of the following Members of the International Telecommunication Union:

[list of countries]

meeting in Geneva for a Regional Administrative Radio Conference convened under the terms of Articles 7 and 54 of the International Telecommunication Convention (Nairobi, 1982) to establish an Agreement incorporating a Plan for television broadcasting in the bands indicated in Article 3 of this Agreement have adopted, subject to the approval of the competent authorities of their respective countries, the following provisions and the related Plan concerning the television broadcasting service in these bands, together with provisions for other primary and permitted services in the planning area as defined in Article 1 of this Agreement.

D.F. MATAVIRE
Chairman of Committee 5

BUDGET CONTROL
COMMITTEE

Draft
REPORT OF THE BUDGET CONTROL COMMITTEE
TO THE PLENARY MEETING

The Budget Control Committee held three meetings during the Conference and considered the various items of its terms of reference.

Pursuant to Nos 475 to 497 of the International Telecommunication Convention (Nairobi, 1982), the terms of reference of the Budget Control Committee are as follows :

- a) to approve the organization and the facilities available to delegates;
- b) to examine and approve the accounts for expenditure incurred throughout the duration of the Conference;
- c) to estimate the costs that implementation of the decisions taken by the Conference may entail.

At its 43rd session in 1988, the Administrative Council examined the requirements of the IFRB in connection with its post-conference activities in 1990 and decided that the credits entered in the 1990 budget may not be used without the prior agreement of the Budget Control Committee of the present Conference.

1. Determination of the organization and the facilities made available to delegates

The Committee noted that no comments had been made by delegations concerning the organization and the facilities made available or the administrative arrangements made by the Secretary-General.

2. Budget of the Conference

The Budget Control Committee examined the budget of the Conference, including expenditure on intersessional work in 1989 and post-conference work up to 31 December 1989, as approved by the Administrative Council at its 43rd session, 1988, amounting to 1,638,000 Swiss francs.

The Committee noted that the budget for the Conference and for intersessional and post-conference work had been adjusted to take account of changes in salaries and allowances in the common system of the United Nations and specialized agencies, and fluctuations in the exchange rate between the

Swiss franc and the US dollar, as required by Administrative Council Resolution No. 647. These adjustments raised the budget for the Conference and for intersessional and post-Conference work to 1,758,600 Swiss francs, i.e. an increase of 120,600 Swiss francs.

It will be recalled that the Administrative Council considered that the additional cost of Regional Administrative Conference of the Members of the Union in the African Broadcasting Area (AF) - to be held in parallel with the present Conference for a period of two days - was negligible in relation to the cost of the AFBC Conference and that it therefore decided to charge the whole of the cost of the AF Conference to the Members of the African Broadcasting Area and to the neighbouring Member countries.

3. Final Acts

Under the terms of Administrative Council Resolution No. 83
(amended):

"... if a conference ... prints, for its own use, documents of which the typographical composition can subsequently be used, in whole or in part, for the printing of the Final Acts, it must bear a percentage of the composition costs and the whole of the printing costs of the said document";

"... the percentage of the composition costs ... shall be fixed by the Plenary Meeting of the conference ...".

As all the documents which can be used as a basis for the sales edition of the Final Acts of the Conference are prepared using word processing systems, no expenditure under this heading need be charged to the supplementary publications budget. This expenditure is included in the budget of the Conference.

In accordance with the provisions of Nos 119 and 122 of the Convention (Nairobi, 1982), the costs of translating the Final Acts of the Conference into English, Arabic, Spanish and French are charged to the Conference.

4. Situation of Conference expenditure

Under No. 478 of the Convention, the Budget Control Committee has to submit a report to the Plenary Meeting showing, as accurately as possible, the estimated total expenditure of the Conference.

Accordingly, Annex 1 contains a statement showing the budget for the Conference and for intersessional and post-conference work, as approved by the Administrative Council and adjusted under Administrative Council Resolution No. 647, together with a breakdown of credits among budget subheads and items as well as the actual expenditure incurred as at 23 November 1989. There is also an indication of the expenditure committed up to that date and an estimate of expenditure up to the end of the financial year 1989.

The statement reveals that the total amount to be charged to the AFBC Regional Administrative Conference is estimated at 1,616,000 Swiss francs, i.e. 142,600 Swiss francs less than the amount allocated by the Administrative Council. It can therefore be assumed that the expenditure for 1989 will remain within the limits laid down.

Annexes 2.1 to 2.3 of the present document show, for the information of the Plenary Meeting, the situation of expenditure of the AFBC Regional Administrative Conference for previous years; this can be summarized as follows :

	Adjusted budget	Actual expenditure
	- in Swiss francs -	
a) 1st session of the Conference, Nairobi, 1986	1,048,200	953,490
b) Intersessional work, 1987	436,100	155,944
c) Intersessional work, 1988	646,200	603,665
d) Intersessional work, 1989, 2nd session of the Conference, and post-conference work, 1989	1,758,600	estimated at 1,616,000
e) Post-conference work, 1989 (subject to approval)	433,000	
	<u>4,322,100</u>	

5. Expenditure limit set by the Plenipotentiary Conference (Nairobi, 1982)

It will be recalled that the Plenipotentiary Conference (Nairobi, 1982) did not set any limits on expenditure for regional administrative conferences.

6. Recognized private operating agencies and international organizations taking part in the Conference

Under Article 16 of the Financial Regulations, the report of the Budget Control Committee must include a list of the recognized private operating agencies and international organizations which contribute to the expenses of the Conference. To this shall be added a list of the international organizations which have been exempted from payment in accordance with Resolution No. 925 of the Administrative Council.

This list is given in Annex 3 hereto.

The list shows that no recognized private operating agency is taking part in the work of the Conference and that all the participating international organizations are exempt from payment of contributions.

7. Sharing of Conference expenditure

Since the present Conference is a regional conference within the meaning of No. 50 of Article 7 of the Convention (Nairobi, 1982), the corresponding expenses must be borne by all the Members of the African Broadcasting Area and neighbouring countries and by Members of other regions which have participated in the Conference, in accordance with the class of contribution chosen by these Members, pursuant to No. 115 of Article 15 of the Convention. Annex 4 hereto gives a list of the Members concerned.

According to the statement of accounts in Annex 1, total expenditure is estimated at 1,616,000 Swiss francs. On the basis of the number of contributory units of the Members required to bear the cost of the Conference (Annex 4), the amount of the contributory unit may be estimated at 16,640 Swiss francs.

Under Article 28 of the Financial Regulations of the Union, interest is payable on regional conference accounts after a period of 60 days from the date of despatch. Since invoices can probably be sent to participants on 28 February 1990, they should be settled by 30 April 1990 at the latest. From 1 May 1990 they will be subject to interest at 3% for the first 180 days and 6% thereafter.

8. IFRB post-conference work, 1990

To cover post-conference work for the RARC-AFBC, the budget for 1990 approved by the Administrative Council provides for credits to be continued in 1990 at the level requested for 1989, i.e. :

continuation of 3 posts (2 P.4, 1 G.6) authorized under Resolution No. 979 up to 31.12.1989, for the whole of 1990	377,000 Sw.frs
computer facilities	36,000 Sw.frs
supplies, etc.	9,000 Sw.frs
	<hr/> 422,000 Sw.frs

When considering the budgetary estimates for 1990, the Administrative Council specified that this credit of 422,000 Swiss francs may not be used without the prior agreement of the Budget Control Committee of the present Conference.

This question has been examined by Committee 3 on the basis of
and it proposes to the Plenary Assembly.....

Chairman, Committee 3

Abdoh FAYOUMI

Annexes : 4

ANNEX 1

Position of the accounts of the AFBC Regional Administrative Conference
as at 23 November 1989

Items	Budget approved	Budget adjusted	Actual expendit.	Estimated expendit.	Total expenditure
- <u>in Swiss francs</u> -					
Subhead II Staff expenses					
Salaries and related expenses of the Conference Secretariat staff	695,000	770,200	-	586,000	586,000
Salaries and related expenses of the translation, typing and reproduction services staff	275,000	295,100	161,000	132,000	293,000
Travel (recruitment)	38,000	38,000	5,000	18,000	23,000
Insurance	31,000	31,000	5,000	15,000	20,000
	1,039,000	1,134,300	171,000	751,000	922,000
Subhead IV Premises and equipment					
Premises, furniture, machines	30,000	30,000	-	28,000	28,000
Document production	33,000	33,000	10,000	38,000	48,000
Office supplies and overheads	40,000	40,000	4,000	24,000	28,000
Postage, telephone calls, telegrams	20,000	20,000	-	19,000	19,000
Technical installations	5,000	5,000	-	5,000	5,000
Sundry and unforeseen	10,000	10,000	-	10,000	10,000
	138,000	138,000	14,000	124,000	138,000
Subhead V Other expenses					
Interest on sums owed	40,000	40,000	-	37,000	37,000
Subhead VI Final Acts					
Finals Acts	21,000	21,000	-	21,000	21,000
Subhead VII Intersessional and post-conference work					
Staff costs	340,000	365,300	375,000	63,000	438,000
Computer facilities	36,000	36,000	10,000	26,000	36,000
Premises	24,000	24,000	24,000	-	24,000
	400,000	425,300	409,000	89,000	498,000
Total	1,638,000	1,758,600	594,000	1,022,000	1,616,000

ANNEX 2.1

Items		Budget 1986 *)	Expenditure 1986
		Swiss francs	
Subhead. I	Preparatory work		
20.511	IFRB preparatory work	100.000. —	99.786,90
20.512	CCIR preparatory work	p.m.	p.m.
		100.000. —	99.786,90
Subhead. II	Staff expenses		
20.521	Salaries and related expenses of the Conference Secretariat staff	478.700. —	405.572,05
20.522	Salaries and related expenses of the translation, typing and reproduction staff	230.500. —	259.504,35
20.523	Travel (recruitment)	50.000. —	40.208,35
20.524	Insurance	44.000. —	20.318. —
		803.200. —	725.602,75
Subhead. III	Travel and freight		
20.531	Travel expenses at venue of Conf.	—	—
20.532	Travel to and from the venue of the Conf.	—	—
20.533	Equipment transport costs	—	—
		—	—
Subhead. IV	Premises and equipment		
20.541	Premises, furniture, machinery	35.000. —	17.016,55
20.542	Document production	20.000. —	29.622,60
20.543	Office supplies and overheads	20.000. —	31.659,92
20.544	PTT	15.000. —	13.427,70
20.545	Technical installations	5.000. —	2.804,25
20.546	Sundry and unforeseen	10.000. —	14.750,53
		105.000. —	109.281,55
Subhead. V	Other expenses		
20.551	Interest credited to the ord. budget	20.000. —	15.866. —
		20.000. —	15.866. —
Subhead. VI	Final Acts		
20.561	Report to the second session	20.000. —	2.952,80
	Total, Section 20.5	1.048.200	953.490. —

*) 1986 budget including additional credits.

ANNEX 2.2

Section 20.5 - Regional Administrative Conference AFBC (1)
IFRB post-conference work

Items	Budget 1987*)	Expenditure 1987
	- in Swiss francs -	
20.551 Staff expenses	336,100.--	142,747.35
20.552 Computer facilities	30,000.--	28,248.59
20.553 Premises, overheads, miscellaneous	20,000.--	-65,051.94
20.554 Propagation measurement campaigns	50,000.--	50,000.--
Total, Section 20.5	436,100	155,944.--

*) 1987 budget including additional credits as shown in Resolution No. 961
and Document No. 6566

ANNEX 2.3

Section 20.5 Regional Administrative Conference AFBC (1)

Intersessional work - AFBC

Items	Budget 1988*)	Expenditure 1988
	- in Swiss francs -	
Art. VII Intersessional work		
20.571 Staff costs	396,200.--	483,183.60
20.572 Document production	-	-
20.575 Computer facilities	60,000.--	59,825.40
20.576 Premises	40,000.--	40,000.--
20.577 Propagation measurement campaigns	150,000.--	-
20.578 Sundry and unforeseen	-	20,656.--
Total, Section 20.5	646,200.--	603,665.--

*) 1988 budget including additional credits

ANNEX 3

List of recognized private operating agencies and international organizations
defraying the expenses of the Conference

	Number of contributory units
I. <u>Recognized private operating agencies</u>	
None	
II. <u>International organizations</u>	
II.1 <u>United Nations</u>	*)
II.2 <u>Specialized agencies</u>	
International Civil Aviation Organization (ICAO)	*)
World Meteorological Organization (OMM)	*)
II.3 <u>Regional Telecommunication Organizations</u>	
African Postal and Telecommunications Union (UAPT)	*)
Arab Telecommunication Union (ATU)	*)
Conference of Postal and Telecommunications Administrations of Central Africa (CAPTAC)	*)
Panafrican Telecommunication Union (PATU)	*)
II.4 <u>Other organizations</u>	
Gulf Cooperation Council for Arab Countries (GCC)	*)
European Broadcasting Union (UER)	*)
International Amateur Radio Union (IARU)	*)
Arab States Broadcasting Union (ASBU)	*)

*) Exempt from contribution to the expenses under Administrative Council
Resolution 925

ANNEX 4

Contributions of Members of the Union to defraying the expenses
of regional administrative conference AFBC

I. Members of the African Broadcasting Area

	<u>Contributory units</u>
1. Algeria (People's Democratic Republic of)	1
2. Angola (People's Republic of)	1/4
3. Benin (People's Republic of)	1/4
4. Botswana (Republic of)	1/2
5. Burkina Faso	1/8
6. Burundi (Republic of)	1/8
7. Cameroon (Republic of)	1/2
8. Cape Verde (Republic of)	1/8
9. Central African Republic	1/8
10. Comoros (Federal and Islamic Republic of the)	1/8
11. Congo (People's Republic of the)	1/2
12. Côte d'Ivoire (Republic of)	1
13. Djibouti (Republic of)	1/8
14. Egypt (Arab Republic of)	1
15. Spain	3
16. Ethiopia	1/8
17. France	30
18. Gabonese Republic	1/2
19. Gambia (Republic of the)	1/8
20. Ghana	1/4
21. Guinea (Republic of)	1/8
22. Guinea-Bissau (Republic of)	1/8
23. Equatorial Guinea (Republic of)	1/8
24. Kenya (Republic of)	1/4
25. Lesotho (Kingdom of)	1/8
26. Liberia (Republic of)	1/4
27. Libya (Socialist People's Libyan Arab Jamahiriya)	1 1/2
28. Madagascar (Democratic Republic of)	1/4
29. Malawi	1/8
30. Mali (Republic of)	1/8
31. Morocco (Kingdom of)	1
32. Mauritius	1/4
33. Mauritania (Islamic Republic of)	1/4
34. Mozambique (People's Republic of)	1/4
35. Namibia	-
36. Niger (Republic of the)	1/8
37. Nigeria (Federal Republic of)	2
38. Uganda (Republic of)	1/8

	Contributory units
39. United Kingdom of Great Britain and Northern Ireland	30
40. Rwandese Republic	1/8
41. Sao Tome and Principe (Democratic Republic of) ...	1/8
42. Senegal (Republic of)	1
43. Sierra Leone	1/8
44. Somali Democratic Republic	1/8
45. Sudan (Democratic Republic of the)	1/8
46. South Africa (Republic of)	1
47. Swaziland (Kingdom of)	1/4
48. Tanzania (United Republic of)	1/8
49. Chad (Republic of)	1/8
50. Togolese Republic	1/4
51. Yemen (People's Democratic Republic of)	1/8
52. Zaire (Republic of)	1/2
53. Zambia (Republic of)	1/4
54. Zimbabwe (Republic of)	1/2
	<u>81 1/2</u>

II. Members "neighbouring countries" to the African Broadcasting Area

1. Saudi Arabia (Kingdom of)	10
2. Bahrain (State of)	1/2
3. United Arab Emirates	1
4. Islamic Republic of Iran	1
5. Iraq (Republic of)	1/4
6. Kuwait (State of)	1
7. Oman (Sultanate of)	1/2
8. Qatar (State of)	1/2
9. Yemen Arab Republic	1/4
	<u>96 1/2</u>

III. Other Members of the Union

Israel (State of)	1
Total	<u>97 1/2</u>

COMMITTEE 4

STATISTICAL SUMMARY ON THE FOURTH AND THE FIFTH DRAFT PLANS --- VHF ---

ADM	FOURTH DRAFT PLAN			FIFTH DRAFT PLAN			5TH - 4TH PLAN
	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	DIFFERENCE EU
AFS	71.1	6.1	122	72.5	6.2	122	1.4
AGL	73.6	8.2	51	68.9	21.3	52	-4.7
ALG	55.4	13.1	82	52.5	11.6	81	-2.9
ARS	68.1	17.2	153	65.4	14.5	146	-2.7
ASC	0.0	0.0	1	0.0	0.0	1	0.0
BDI	85.8	11.5	7	74.9	7.1	7	-10.9
BEN	80.0	14.7	19	67.2	7.6	14	-12.8
BFA	106.2	28.2	67	98.6	33.4	52	-7.6
BHR	103.5	0.0	1	102.0	0.0	1	-1.5
BOT	65.9	7.2	54	66.6	7.5	54	0.7
CAF	79.4	14.2	53	71.8	12.9	53	-7.6
CME	72.3	9.2	32	71.0	8.9	32	-1.3
CNR	84.9	11.0	38	84.0	12.2	38	-0.9
COG	85.0	12.3	40	83.2	12.6	40	-1.8
COM	75.4	12.4	10	75.7	12.2	10	0.3
CPV	83.4	5.3	5	82.4	4.5	5	-1.0
CTI	78.0	9.7	39	76.6	10.1	39	-1.4
DJI	88.5	15.0	6	78.8	12.0	6	-9.7
EGY	80.2	16.5	100	79.2	15.5	100	-1.0
ETH	71.8	10.2	56	66.9	8.1	56	-4.9
GAB	78.3	11.8	56	73.3	12.1	55	-5.0
GHA	80.2	12.8	11	76.7	11.0	11	-3.5
GMB	89.0	31.9	4	75.0	19.7	3	-14.0
GNB	101.5	6.8	10	98.3	8.0	8	-3.2
GNE	67.9	23.6	3	71.7	19.0	3	3.8
GUI	86.9	19.5	22	86.5	21.2	22	-0.4
IRN	95.8	12.2	131	93.9	12.1	118	-1.9
IRQ	99.1	13.1	105	95.8	14.0	100	-3.3
KEN	70.8	21.0	30	68.1	19.9	30	-2.7
KWT	109.4	14.4	8	99.0	8.6	4	-10.4
LBR	97.5	14.7	16	97.3	14.4	16	-0.2
LBY	86.5	22.0	160	85.7	22.0	160	-0.8
LSO	71.8	3.4	5	72.8	3.5	5	1.0
MAU	68.7	25.1	11	68.5	25.2	11	-0.2
MDG	88.1	11.4	111	88.0	11.1	111	-0.1
MLI	67.3	13.7	32	63.9	13.0	32	-3.4
MOZ	67.8	7.9	33	66.2	8.0	33	-1.6
MRC	79.7	18.9	27	74.6	13.7	27	-5.1
MTN	75.3	20.6	47	72.1	18.5	47	-3.2
MWI	71.9	9.2	14	73.5	7.3	14	1.6
MYT	76.6	7.4	3	76.0	6.5	3	-0.6
NGR	66.4	15.0	38	66.2	13.8	38	-0.2
NIG	83.5	17.2	78	80.4	10.1	77	-3.1
NMB	57.6	9.4	46	58.8	8.2	46	1.2
OMA	77.8	24.9	23	75.3	23.5	23	-2.5
QAT	104.7	6.5	2	103.8	6.2	2	-0.9
REU	100.7	19.4	19	100.3	19.9	19	-0.4
RRW	85.6	15.9	14	81.9	14.0	14	-3.7
SDN	63.2	9.1	56	62.8	8.5	56	-0.4
SEN	97.8	8.6	16	95.3	6.7	16	-2.5
SEY	88.2	25.5	11	93.9	25.7	11	5.7
SHN	0.0	0.0	1	48.9	0.0	1	48.9
SOM	70.1	7.1	27	70.8	5.8	27	0.7
SRL	87.6	7.1	7	88.3	9.7	7	0.7
STP	83.5	0.0	1	80.5	0.0	1	-3.0
SWZ	69.1	6.6	4	68.7	6.0	4	-0.4
TCD	75.1	21.1	45	72.6	19.0	45	-2.5
TGO	79.6	16.0	5	80.5	15.7	5	0.9
TRC	0.0	0.0	1	0.0	0.0	1	0.0
TZA	82.5	11.7	31	78.9	11.0	31	-3.6
UAE	107.2	10.6	12	99.1	12.1	12	-8.1
UGA	82.0	8.9	16	71.4	9.4	16	-10.6
YEM	84.6	13.9	28	83.0	13.7	28	-1.6
YMS	93.1	18.3	48	93.4	19.7	47	0.3
ZAI	70.9	10.9	94	66.9	10.6	94	-4.0
ZMB	74.0	9.4	50	71.1	7.6	50	-2.9
ZWE	72.6	4.6	34	73.5	6.1	34	0.9

STATISTICAL SUMMARY ON THE FOURTH AND THE FIFTH DRAFT PLANS
--- UHF ---

ADM	FOURTH DRAFT PLAN			FIFTH DRAFT PLAN			5TH - 4TH PLAN
	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	EU DIFFERENCE
AFS	71.1	8.2	580	70.7	8.2	580	-0.4
AGL	61.7	11.1	132	61.6	13.9	152	-0.1
ALG	44.9	17.9	165	46.3	18.4	165	1.4
ARS	70.3	22.6	284	70.0	20.5	271	-0.3
ASC	0.0	0.0	3	0.0	0.0	3	0.0
BDI	69.1	9.3	25	74.1	13.3	25	5.0
BEN	61.4	6.5	48	65.6	16.8	48	4.2
BFA	76.0	16.0	173	71.7	10.5	160	-4.3
BHR	118.4	7.6	4	116.7	7.4	3	-1.7
BOT	64.5	7.2	180	64.8	7.0	180	0.3
CAF	77.2	7.0	330	75.8	7.5	330	-1.4
CME	77.1	14.2	216	70.7	8.3	213	-6.4
CNR	105.3	9.5	275	105.0	10.3	275	-0.3
COG	69.4	12.4	116	70.3	14.4	116	0.9
COM	78.1	15.8	30	91.6	9.4	30	13.5
CPV	89.3	9.1	21	96.2	8.3	21	6.9
CTI	68.9	9.3	128	69.5	8.0	128	0.6
DJI	78.0	19.0	6	70.6	10.2	6	-7.4
EGY	81.7	22.4	242	82.7	22.6	242	1.0
ETH	61.6	16.1	67	60.4	9.6	67	-1.2
GAB	70.6	16.6	168	70.4	15.2	169	-0.2
GHA	85.4	36.3	30	79.1	27.7	29	-6.3
GMB	121.8	11.6	10	121.3	11.8	10	-0.5
GNB	115.8	16.0	20	114.9	16.7	20	-0.9
GNE	82.5	15.9	23	79.4	15.3	23	-3.1
GUI	93.8	19.9	84	90.8	20.4	84	-3.0
IRN	95.8	16.0	511	93.8	15.4	428	-2.0
IRQ	85.3	18.9	267	84.2	18.0	257	-1.1
KEN	85.9	6.9	341	84.0	5.9	341	-1.9
KWT	120.9	11.7	30	113.8	10.3	25	-7.1
LBR	77.0	13.0	27	75.0	12.4	27	-2.0
LBY	50.9	27.0	150	53.2	27.8	150	2.3
LSO	67.5	17.9	17	67.8	18.1	17	0.3
MAU	81.8	12.4	45	81.5	11.4	45	-0.3
MDG	60.7	9.6	6	63.0	10.3	6	2.3
MLI	73.3	13.2	209	69.8	11.5	210	-3.5
MOZ	68.8	6.4	221	69.2	6.6	221	0.4
MRC	77.2	15.7	67	76.8	15.0	67	-0.4
MTN	71.5	25.1	85	68.8	22.1	85	-2.7
MWI	67.6	6.7	42	63.1	7.8	42	-4.5
MYT	78.4	9.0	18	85.0	8.0	18	6.6
NGR	52.0	16.0	121	53.6	14.5	121	1.6
NIG	68.6	26.3	140	66.4	21.3	144	-2.2
NMB	57.6	5.8	266	58.9	6.5	266	1.3
OMA	93.2	29.5	229	89.6	27.0	229	-3.6
QAT	120.5	14.2	19	111.4	10.0	13	-9.1
REU	105.3	16.2	81	109.5	12.5	81	4.2
RRW	69.0	12.3	42	70.6	16.9	42	1.6
SDN	60.3	19.6	168	58.9	15.2	168	-1.4
SEN	103.3	15.6	19	99.3	10.4	19	-4.0
SHN	1.0	3.2	3	30.7	1.9	3	29.7
SOM	62.0	14.7	87	62.1	13.2	87	0.1
SRL	77.7	10.5	7	76.1	8.3	7	-1.6
STP	86.3	0.8	2	86.3	0.9	2	0.0
SWZ	73.4	6.5	16	73.0	6.1	16	-0.4
TCD	71.0	18.2	164	75.6	20.7	164	4.6
TGO	62.1	13.2	24	65.1	10.3	24	3.0
TRC	0.0	0.0	3	0.0	0.0	3	0.0
TZA	80.3	21.7	139	79.8	21.5	139	-0.5
UAE	110.6	10.9	49	107.1	10.0	48	-3.5
UGA	79.9	14.9	19	68.1	9.5	20	-11.8
YEM	93.5	13.5	720	94.4	13.1	720	0.9
YMS	74.6	21.1	34	74.5	17.8	35	-0.1
ZAI	58.3	15.9	269	60.7	17.9	270	2.4
ZMB	69.7	11.0	162	68.3	7.7	162	-1.4
ZWE	68.7	4.9	172	69.4	4.8	172	0.7

E. KAMDEM KAMGA
Chairman of Committee 4

COMMITTEE 4

STATISTICAL SUMMARY ON THE FIFTH AND THE SIXTH DRAFT PLANS --- VHF ---

ADM	FIFTH DRAFT PLAN			SIXTH DRAFT PLAN			6TH - 5TH PLAN
	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	DIFFERENCE EU
AFS	72.5	6.2	122	72.4	6.1	122	-0.1
AGL	68.9	21.3	52	60.1	7.7	51	-8.8
ALG	52.5	11.6	81	51.7	11.3	81	-0.8
ARS	65.4	14.5	146	65.3	14.8	146	-0.1
ASC	0.0	0.0	1	0.0	0.0	1	0.0
BDI	74.9	7.1	7	74.7	5.3	7	-0.2
BEN	67.2	7.6	14	65.1	11.3	12	-2.1
BFA	98.6	33.4	52	98.0	34.8	50	-0.6
BHR	102.0	0.0	1	101.4	0.0	1	-0.6
BOT	66.6	7.5	54	66.6	7.5	54	0.0
CAF	71.8	12.9	53	63.9	9.8	53	-7.9
CME	71.0	8.9	32	70.7	8.8	32	-0.3
CNR	84.0	12.2	38	81.3	11.8	35	-2.7
COG	83.2	12.6	40	81.4	12.5	40	-1.8
COM	75.7	12.2	10	75.6	12.3	10	-0.1
CPV	82.4	4.5	5	80.9	5.3	5	-1.5
CTI	76.6	10.1	39	75.6	8.9	39	-1.0
DJI	78.8	12.0	6	78.9	11.9	6	0.1
EGY	79.2	15.5	100	75.0	14.3	100	-4.2
ETH	66.9	8.1	56	66.4	7.8	56	-0.5
GAB	73.3	12.1	55	72.1	10.9	56	-1.2
GHA	76.7	11.0	11	76.7	10.9	11	0.0
GMB	75.0	19.7	3	73.5	19.1	3	-1.5
GNB	98.3	8.0	8	91.8	4.5	8	-6.5
GNE	71.7	19.0	3	69.8	30.7	3	-1.9
GWI	86.5	21.2	22	85.9	21.1	22	-0.6
IRN	93.9	12.1	118	93.4	11.9	119	-0.5
IRQ	95.8	14.0	100	95.7	13.8	100	-0.1
KEN	68.1	19.9	30	65.6	17.6	30	-2.5
KWT	99.0	8.6	4	98.2	11.0	4	-0.8
LBR	97.3	14.4	16	97.1	14.5	16	-0.2
LBY	85.7	22.0	160	78.5	21.0	140	-7.2
LSO	72.8	3.5	5	72.8	3.5	5	0.0
MAU	68.5	25.2	11	68.5	25.2	11	0.0
MDG	88.0	11.1	111	88.0	11.2	111	0.0
MLI	63.9	13.0	32	62.6	12.1	32	-1.3
MOZ	66.2	8.0	33	66.2	7.7	33	0.0
MRC	74.6	13.7	27	71.0	12.4	27	-3.6
MTN	72.1	18.5	47	70.2	16.5	47	-1.9
MWI	73.5	7.3	14	73.1	7.7	14	-0.4
MYT	76.0	6.5	3	75.2	6.6	3	-0.8
NGR	66.2	13.8	38	64.1	14.2	38	-2.1
NIG	80.4	10.1	77	80.4	10.1	77	0.0
NMB	58.8	8.2	46	56.4	6.6	45	-2.4
OMA	75.3	23.5	23	76.5	20.8	23	1.2
QAT	103.8	6.2	2	103.8	6.1	2	0.0
REU	100.3	19.9	19	100.3	19.9	19	0.0
RRW	81.9	14.0	14	79.4	12.5	14	-2.5
SDN	62.8	8.5	56	60.7	8.5	56	-2.1
SEN	95.3	6.7	16	88.4	3.3	16	-6.9
SEY	93.9	25.7	11	93.6	25.9	11	-0.3
SHN	48.9	0.0	1	48.8	0.0	1	-0.1
SOM	70.8	5.8	27	66.7	4.9	27	-4.1
SRL	88.3	9.7	7	87.9	9.8	7	-0.4
STP	80.5	0.0	1	80.5	0.0	1	0.0
SWZ	68.7	6.0	4	68.6	5.9	4	-0.1
TCD	72.6	19.0	45	68.8	18.5	45	-3.8
TGO	80.5	15.7	5	80.5	15.7	5	0.0
TRC	0.0	0.0	1	0.0	0.0	1	0.0
TZA	78.9	11.0	31	79.0	10.9	31	0.1
UAE	99.1	12.1	12	100.5	13.2	12	1.4
UGA	71.4	9.4	16	71.3	9.0	16	-0.1
YEM	83.0	13.7	28	83.0	13.7	28	0.0
YMS	93.4	19.7	47	93.1	19.4	47	-0.3
ZAI	66.9	10.6	94	65.6	10.0	94	-1.3
ZMB	71.1	7.6	50	71.3	7.6	50	0.2
ZWE	73.5	6.1	34	74.0	6.1	34	0.5

STATISTICAL SUMMARY ON THE FIFTH AND THE SIXTH DRAFT PLANS
--- UHF ---

ADM	FIFTH DRAFT PLAN			SIXTH DRAFT PLAN			6TH - 5TH PLAN
	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	EU MEAN	STANDARD DEV.	NUMBER OF REQTS	EU DIFFERENCE
AFS	70.7	8.2	580	70.7	7.6	580	0.0
AGL	61.6	13.9	152	59.8	9.1	153	-1.8
ALG	46.3	18.4	165	45.6	17.5	165	-0.7
ARS	70.0	20.5	271	69.0	20.4	268	-0.9
ASC	0.0	0.0	3	0.0	0.0	3	0.0
BDI	74.1	13.3	25	70.9	8.3	25	-3.2
BEN	65.6	16.8	48	61.4	5.3	48	-4.2
BFA	71.7	10.5	160	69.5	8.0	157	-2.2
BHR	116.7	7.4	3	116.5	7.4	3	-0.2
BOT	64.8	7.0	180	64.8	7.1	180	0.0
CAF	75.8	7.5	330	72.6	6.2	313	-3.2
CME	70.7	8.3	213	69.5	7.9	212	-1.2
CNR	105.0	10.3	275	101.8	10.5	274	-3.2
COG	70.3	14.4	116	66.6	12.5	116	-3.7
COM	91.6	9.4	30	91.6	9.4	30	0.0
CPV	96.2	8.3	21	95.4	7.9	21	-0.7
CTI	69.5	8.0	128	68.2	7.6	128	-1.3
DJI	70.6	10.2	6	69.0	12.5	6	-1.6
EGY	82.7	22.6	242	75.2	18.7	243	-7.5
ETH	60.4	9.6	67	59.4	10.2	67	-0.9
GAB	70.4	15.2	169	71.8	13.5	168	1.4
GHA	79.1	27.7	29	77.8	28.3	29	-1.3
GMB	121.3	11.8	10	120.2	11.9	10	-1.2
GNB	114.9	16.7	20	113.1	17.8	20	-1.8
GNE	79.4	15.3	23	80.6	15.0	23	1.2
GUI	90.8	20.4	84	90.5	20.5	84	-0.2
IRN	93.8	15.4	428	92.6	14.9	427	-1.3
IRQ	84.2	18.0	257	83.6	17.5	256	-0.6
KEN	84.0	5.9	341	83.5	3.9	341	-0.5
KWT	113.8	10.3	25	112.6	12.1	18	-1.2
LBR	75.0	12.4	27	73.4	13.2	27	-1.6
LBY	53.2	27.8	150	51.7	27.2	147	-1.5
LSO	67.8	18.1	17	67.8	18.1	17	0.0
MAU	81.5	11.4	45	81.5	11.4	45	0.0
MDG	63.0	10.3	6	63.0	10.3	6	0.0
MLI	69.8	11.5	210	68.1	15.6	211	-1.6
MOZ	69.2	6.6	221	68.8	6.3	219	-0.3
MRC	76.8	15.0	67	72.2	14.1	67	-4.7
MTN	68.8	22.1	85	65.0	19.9	85	-3.9
MWI	63.1	7.8	42	62.8	7.7	42	-0.2
MYT	85.0	8.0	18	85.0	8.0	18	0.0
NGR	53.6	14.5	121	53.3	14.3	121	-0.3
NIG	66.4	21.3	144	66.5	21.0	152	0.0
NMB	58.9	6.5	266	58.6	5.4	267	-0.3
OMA	89.6	27.0	229	89.6	26.8	229	0.0
QAT	111.4	10.0	13	111.1	12.4	13	-0.3
REU	109.5	12.5	81	109.5	12.5	81	0.0
RRW	70.6	16.9	42	68.5	14.6	42	-2.0
SDN	58.9	15.2	168	54.9	13.7	168	-4.0
SEN	99.3	10.4	19	93.5	8.5	19	-5.9
SHN	30.7	1.9	3	30.7	1.9	3	0.0
SOM	62.1	13.2	87	61.2	12.8	87	-1.0
SRL	76.1	8.3	7	77.4	6.5	7	1.3
STP	86.3	0.9	2	84.9	0.9	2	-1.5
SWZ	73.0	6.1	16	72.8	5.9	16	-0.2
TCD	75.6	20.7	164	68.9	19.0	162	-6.7
TGO	65.1	10.3	24	64.9	8.9	24	-0.2
TRC	0.0	0.0	3	0.0	0.0	3	0.0
TZA	79.8	21.5	139	79.1	21.6	139	-0.7
UAE	107.1	10.0	48	104.9	9.8	48	-2.2
UGA	68.1	9.5	20	66.8	7.4	20	-1.4
YEM	94.4	13.1	720	93.9	13.8	720	-0.5
YMS	74.5	17.8	35	74.8	17.9	35	0.3
ZAI	60.7	17.9	270	57.9	13.5	268	-2.8
ZMB	68.3	7.7	162	68.3	7.6	162	0.0
ZWE	69.4	4.8	172	69.4	4.8	172	0.0