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FINAL ACTS

of the

AFRICAN VHF/UHF BROADCASTING CONFERENCE

GENEVA

1963

Published by the

INTERNATIONAL TELECOMMUNICATION UNION

GENEVA

REGIONAL AGREEMENT

FOR THE

AFRICAN BROADCASTING AREA

FINAL PROTOCOL

RESOLUTIONS AND RECOMMENDATIONS

BIBLIOTHÈQUE DE L' UIT GENEVE

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REGIONAL AGREEMENT
for the
AFRICAN BROADCASTING AREA

concerning the use of frequencies by the broadcasting service in the very high frequency and ultra high frequency bands

PREAMBLE

The undersigned Delegates of the Administrations of the following countries, territories and groups of territories:

Cameroon (Federal Republic of), Congo (Republic of the) (Brazzaville), Congo (Republic of the) (Léopoldville), Ivory Coast (Republic of the), Dahomey (Republic of), Group of Territories represented by the French Overseas Post and Telecommunication Agency (as far as French Somaliland and the Comores Archipelago are concerned), Spain, Ethiopia, France (in so far as the Department of Reunion is concerned), Gabon Republic, Ghana, Guinea (Republic of), Upper Volta (Republic of), Liberia (Republic of), Libya (United Kingdom of), Malagasy Republic, Mali (Republic of), Mauritania (Islamic Republic of), Niger (Republic of the), Nigeria (Federation of), Uganda, Spanish Provinces in Africa, Portuguese Oversea Provinces, Somali Republic, Rhodesia and Nyasaland (Federation of), Rwanda (Republic of), Senegal (Republic of the), Sierra Leone, South Africa (Republic of) and Territory of South-West Africa, Tanganyika, Chad (Republic of the), Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible, Togolese Republic and *Kenya* (Associate Member)

meeting in Geneva for a Regional Conference convened under the terms of Article 44 of the International Telecommunication Convention, Geneva, 1959, have adopted, subject to the approval of their Administrations, the following provisions relating to the broadcasting service (sound broadcasting and television) in the African Broadcasting Area for the bands *) between 41 and 960 Mc/s allocated on a primary basis to broadcasting under Article 5 of the Radio Regulations, Geneva, 1959.

ARTICLE 1

Definitions

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

2 *Union:* The International Telecommunication Union.

*) For simplicity, the frequency bands are designated as follows:

Frequencies 41 — 68 Mc/s: Band I
Frequencies 87.5 — 100 Mc/s: Band II
Frequencies 174 — 223 Mc/s: Band III
Frequencies 470 — 582 Mc/s: Band IV
Frequencies 582 — 960 Mc/s: Band V

3 *Secretary-General:* The Secretary-General of the Union.

4 *I.F.R.B.:* The International Frequency Registration Board.

5 *C.C.I.R.:* The International Radio Consultative Committee.

6 *Convention:* The International Telecommunication Convention, Geneva, 1959.

7 *Radio Regulations:* The Radio Regulations, Geneva, 1959.

8 *African Broadcasting Area:* The term African Broadcasting Area designates:

a) African countries, parts of countries, territories and groups of territories situated between the parallels 40° South and 30° North

b) Islands in the Indian Ocean west of meridian 60° East, situated between the parallel 40° South and the great circle arc joining the points 45° East 11°30′ North and 60° East 15° North

c) Islands in the Atlantic Ocean east of Line B defined in No. 131 of the Radio Regulations, situated between the parallels 40° South and 30° North.

9 *Agreement:* The whole of the present Agreement and its three Annexes.

10 *Plans:* The Plans forming Annex 2 to the Agreement.

11 *Contracting Administration:* Any Administration which has approved or acceded to the Agreement.

ARTICLE 2

Execution of the Agreement

12 1 The Contracting Administrations shall adopt for their broadcasting stations operating in the bands referred to in the Agreement, the characteristics specified in the Plans.

13 2 The Contracting Administrations shall not change the characteristics specified in the Plans, or establish new stations, except under the conditions provided for in Article 3 of the present Agreement.

14 3 The Contracting Administrations will endeavour to agree on the action required to reduce any harmful interference caused by the application of the Agreement.

15 4 Should agreement, as envisaged in paragraph 3 above, prove impossible, the dissenting Administrations may resort to the procedure laid down in Article 15 of the Radio Regulations and, if necessary, to that laid down in Article 27 of the Convention.

ARTICLE 3

Proposed Changes in the Characteristics of Stations Covered by the Agreement and Proposed Operation of New Stations

1 *Procedure for Broadcasting Stations in the Frequency Bands 41-68 Mc/s, 87.5-100 Mc/s, 174-223 Mc/s and 470-960 Mc/s*

16 1.1 When a Contracting Administration proposes

— to change the technical characteristics of a broadcasting station, shown in the Plans or brought into operation in accordance with the provisions of the present Agreement, or

— proposes to put into operation a broadcasting station not appearing in the Plans,

the following action shall be taken:

17 1.1.1 The Administration proposing a change shall first inform the I.F.R.B., furnishing all the information specified in Appendix 1, Section A, to the Radio Regulations, together with the additional following information concerning the antenna:

— the effective height, as defined in Annex 2 to the Agreement,

— the directional characteristics,

— the polarization of radiation.

18 Additionally, the following information shall be given as the case may be:

19 *a)* in the notification to the I.F.R.B., the Administration proposing a change shall indicate (by referring to the number of this sub-paragraph) if the distances from the station under consideration to the nearest points of the boundaries of other countries, the Administrations of which are Contracting Administrations, are less than the consultation distances corresponding to the proposed power of the station and other characteristics specified in Annex 1 to the present Agreement; alternatively

20 *b)* the Administration proposing a change to an assignment in the frequency bands 41-68 Mc/s, 87.5-100 Mc/s, 174-216 Mc/s, 470-582 Mc/s and 606-790 Mc/s shall indicate by referring to the appropriate sub-paragraph hereunder either:

21 i) that the proposed modification relates:

— to a reduction in power, or

— to other changes of technical characteristics which would reduce the probability of harmful interference to services of other countries, or

22 ii) that the distances from the station under consideration, to the nearest points of the boundaries of other countries, the Administrations of which are Contracting Administrations, are equal to or greater than the consultation distances corresponding to the proposed power of the station and other characteristics specified in Annex 1 to the present Agreement.

23 In the cases referred to in No. 17, where the provisions of No. 20 and either No. 21 or No. 22 are applicable, the Administration may proceed with its project.

24 1.1.2 The I.F.R.B. shall publish this information in a special section of its weekly circular.

25 1.1.3 An assignment notified under the provisions of No. 17, where the provisions of No. 20 and either No. 21 or No. 22 are applicable, shall be considered as having the same status as those appearing in the Plans subject to the provisions of No. 35.

26 1.1.4 Comments from Administrations on information concerning any assignment to a broadcasting station in a shared band (216-223 Mc/s, 582-606 Mc/s and 790-960 Mc/s) or on information notified under No. 17, where the provisions of No. 19 are applicable, should be sent to the Administration originating the proposal, with a copy to the I.F.R.B.

27 1.1.5 Such comments must be received by the Administration originating the proposal, either directly or through the I.F.R.B., within twelve weeks following the date of the weekly circular in question. Administrations which have not furnished such comments within this period shall be considered to have agreed to the proposed change.

28 1.1.6 If no comments have been received at the expiry of the period of twelve weeks, referred to in No. 27, or if agreement has been reached with the Administrations making these comments, the Administration proposing the change may proceed with its project.

29 1.1.7 If no agreement is reached between the Administrations concerned, the I.F.R.B. shall make any technical examination or study that may be requested by the Administration proposing the change, or by Administrations whose services may be affected by the proposed change, and shall inform them of the result of such examination or study.

30 1.2 In the cases referred to in No. 17, where the provisions of No. 19 and No. 28 are applied:

31 1.2.1 the Administration proposing the change shall re-notify the assignment to the I.F.R.B. giving the full particulars enumerated in No. 17 above specifying (by referring to the present sub-paragraph) that the proposed change is the result of consultation carried out under the provisions of Nos. 24 and 26 to 28 stating the names of the Administrations with which co-ordination has been achieved;

32 1.2.2 the I.F.R.B. shall publish this information in a special section of its weekly circular together with an appropriate symbol indicating that the notifying Administration has stated that the provisions of the present Article have been applied with respect to the assignment. Such an assignment shall be considered as having the same status as those appearing in the Plans subject to the provisions of No. 35.

2 *Procedure for Stations in Services other than Broadcasting in the Frequency Bands 174-223 Mc/s, 582-606 Mc/s and 790-960 Mc/s*

33 For stations of services other than broadcasting, the provisions of the Radio Regulations shall apply, taking into account the categories of services and allocations specified in Article 5 of the said regulations. Contracting Administrations proposing to change the technical characteristics of such stations or to establish new stations in such services shall take into account the broadcasting stations appearing in the Plans or brought into use in accordance with the Agreement and may only effect such a change after reaching mutual agreement with the Administrations that may be concerned.

3 *Procedure Common to all Frequency Bands*

34 3.1 The Secretary-General shall be informed by the I.F.R.B. of all changes made in the Plans in application of the provisions of Section 1 above.

35 3.2 If a change, although made in accordance with the provisions of Section 1 above, causes harmful interference to services of other Contracting Administrations, the Administration which has made the change shall take the requisite action to eliminate such interference.

36 3.3 If, after application of the procedure defined in Nos. 24 and 26 to 28 on the one hand or No. 33 on the other, no agreement has been reached between the Administrations concerned, recourse may be had to the procedure defined in Article 15 of the Radio Regulations, or in Article 27 of the Convention, as the case may be.

4 *Cancellation of Assignments*

37 When the changed characteristics of an assignment shown in the Plans, or of a station not appearing in the Plans but for which the provisions of the present Article have been successfully applied, involves a change of channel, the Administration shall immediately notify the cancellation of the previous channel assignment to the I.F.R.B. The I.F.R.B. shall publish this information in a special section of its weekly circular.

ARTICLE 4

Notification of Frequency Assignments

38 Whenever an assignment in conformity with the Plans or for which the procedure prescribed in Article 3 of the present Agreement has been applied, is put into service, the Administration concerned shall notify this assignment to the I.F.R.B. in accordance with the provisions of Article 9 of the Radio Regulations.

ARTICLE 5

Accession to the Agreement

39 1 The Administration of any Member or Associate Member of the Union in the African Broadcasting Area which has not signed this Agreement may accede thereto at any time. Such accession shall be made without reservation. The Secretary-General shall be notified thereof, and he shall inform the other Members and Associate Members of the Union.

40 2 Accession shall take effect on the date the notification of accession is received by the Secretary-General.

ARTICLE 6

Termination of Participation in the Agreement

41 1 Any Contracting Administration shall have the right at any time to terminate its participation in the Agreement by a communication sent to the Secretary-General, who shall inform the other Members and Associate Members of the Union.

42 2 Such termination of participation shall take effect after a period of one year from the date of receipt, by the Secretary-General, of the said communication.

ARTICLE 7

Revision of the Agreement

43 No revision of the Agreement will be undertaken except by an Administrative Conference of the Members and Associate Members of the Union in the African Broadcasting Area convened in accordance with the procedure laid down in the International Telecommunication Convention.

ARTICLE 8

Effective Date of the Agreement

44 The Agreement shall enter into force on 1 October, 1964.

ARTICLE 9

Scope of Application of the Agreement

45 1 The present Agreement shall bind Contracting Administrations in their relations with one another but does not bind those Administrations with non-Contracting Administrations.

46 2 If an Administration makes reservations with regard to any provision of the present Agreement, other Administrations shall be free to disregard the said provision in their relations with the Administration which has made such reservations.

ARTICLE 10

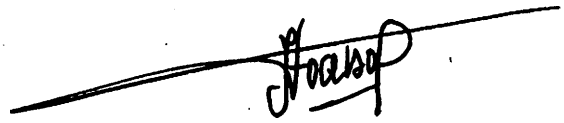
Approval of the Agreement

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

In witness whereof, the undersigned Delegates of the Administrations of the countries mentioned above have, on behalf of their respective Administrations, signed the present Agreement in a single copy in the French, English and Spanish languages; in case of dispute the French text shall be authentic. This copy shall remain in the archives of the Union. The Secretary-General shall forward one certified true copy to each Signatory Administration.

Done at Geneva, 23 May, 1963.

Pour la République Fédérale du Cameroun:



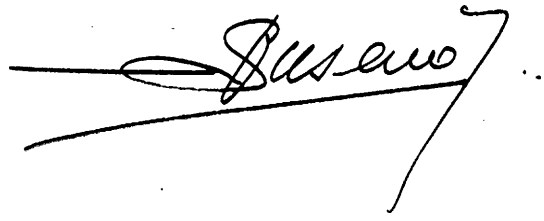
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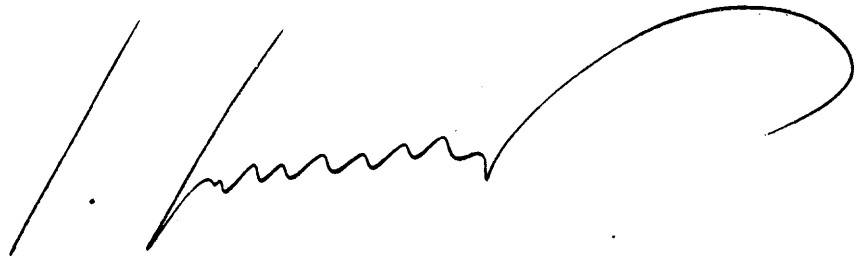
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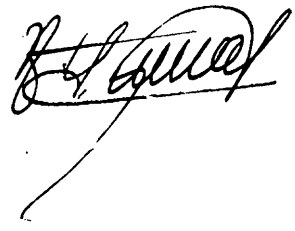


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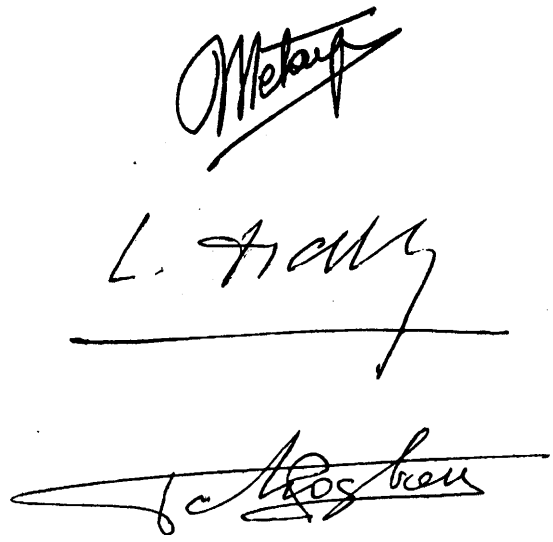






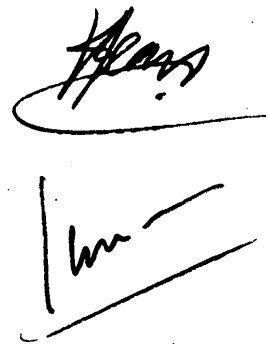
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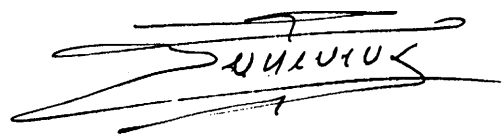
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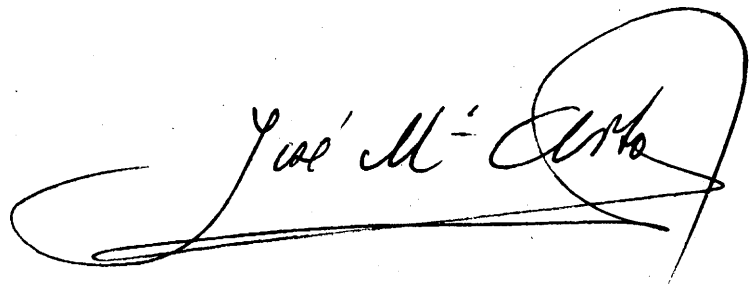
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Pour l'Ensemble des Territoires
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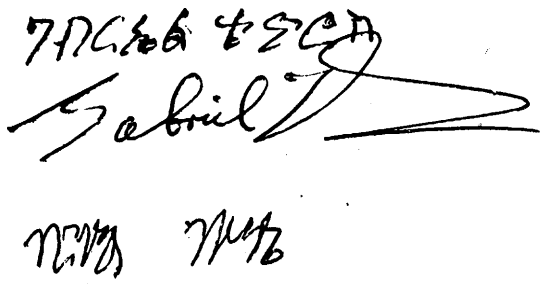
G. AUNEVEUX

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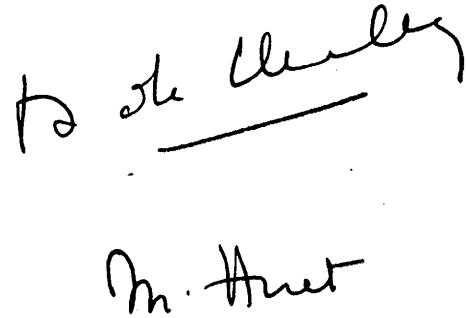
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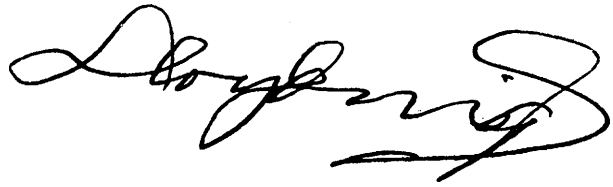
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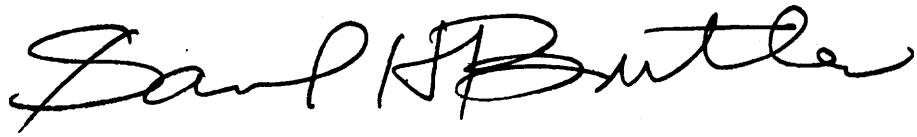
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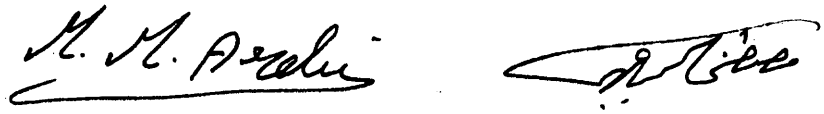
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Pour le Royaume-Uni de Libye:



M.M. AREBI

Pour la République Malgache:





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Pour les Provinces portugaises d'Outre-Mer:

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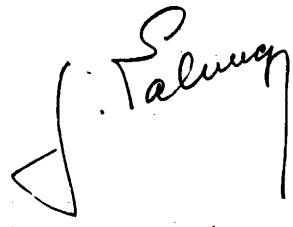
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Pour la Fédération de Rhodésie et Nyassaland:

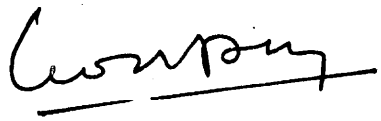
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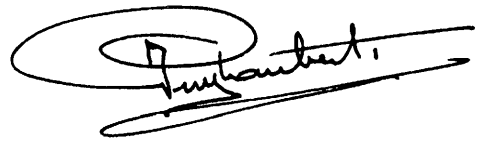
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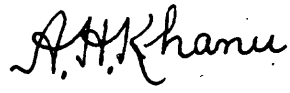
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J. PUYHAUBERT

Pour le Sierra Leone:



A.H. KHANU

Pour la République Sudafricaine et Territoire de l'Afrique du Sud-Ouest:



W.L. BROWNE

Pour le Tanganyika:

Y. KAZIBURE

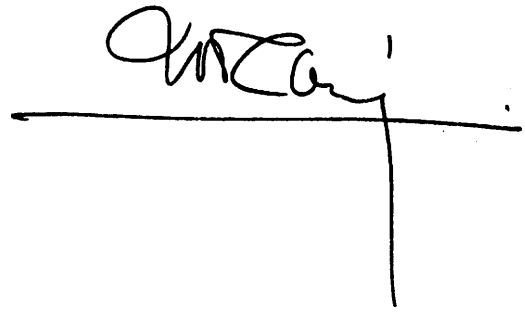
Pour la République du Tchad:

P. MABBE

Pour les Territoires d'Outre-Mer
dont les relations internationales sont assurées
par le Gouvernement du Royaume-Uni de la Grande-Bretagne et de l'Irlande du Nord:

A.H. SHEFFIELD
R.P. FIELD
I. St. Q. SEVERIN

Pour la République Togolaise:



G. EKUE

Pour le Kenya:

Pour le Gouvernement du Royaume-Uni de la Grande-Bretagne et de l'Irlande du Nord
en ce qui concerne le Kenya





F.J. HEATH
G. PHILLIPS

ANNEX 1

to the

REGIONAL AGREEMENT

for the

AFRICAN BROADCASTING AREA

Tables of Distances to be Used in the Application

of Article 3 of the Agreement

The following tables give, for each frequency band, as a function of the effective radiated power, the effective transmitting antenna height (h) and the nature of the path under consideration, the " consultation distances " to be taken into account in the application of Article 3 of the Agreement.

For powers different from the values given in the tables, the consultation distances shall be determined by linear interpolation.

For antenna heights different from the values given in the tables, the consultation distance corresponding to the next higher height shall be used.

For mixed paths, no consultation is necessary if:

a) the total length of the path is equal to or greater than the consultation distance quoted in the table for a sea path; or

b) the total length of those parts of the path lying over land is equal to or greater than the consultation distance quoted in the table for a land path.

For transmitting antenna effective heights greater than 1200 m, or in cases where no consultation distance appears in the tables, the procedure given in Section 1 of Article 3 shall be applied.

TABLE A — BAND I

Effective Radiated Power (E.R.P.)	Consultation distances in km for different effective antenna heights h					
	h = 75 m		h = 300 m		h = 1200 m	
	Land path (all areas)	Sea **)	Land path (all areas)	Sea **)	Land path (all areas)	Sea **)
300 kW	660	*)	680	*)	760	*)
100	600	1050	630	*)	700	*)
30	540	920	565	970	650	1050
10	480	830	520	870	590	950
3	430	740	465	780	540	850
1	370	630	420	670	480	750
300 W	320	530	360	570	420	650
100	270	450	310	490	370	560
30	220	370	260	410	330	480
10	170	300	205	330	290	410
3	130	230	160	270	240	340
1	100	170	135	205	200	290

*) For transmitting antenna effective heights greater than 1200 m, or in cases where no consultation distances appear in the tables, the procedure given in Section 1 of Article 3 shall be applied.

**) For climatic area 4, the values given in the column headed "Sea" shall be applied.

TABLE B — BAND II

Effective Radiated Power (E.R.P.)	Consultation distances in km for different effective antenna heights h					
	h = 75 m		h = 300 m		h = 1200 m	
	Land path (all areas)	Sea *)	Land path (all areas)	Sea *)	Land path (all areas)	Sea *)
300 kW	470	820	510	850	580	920
100	420	720	450	750	520	820
30	360	620	400	650	470	720
10	310	520	340	550	410	620
3	260	430	290	470	360	540
1	210	350	240	390	320	460
300 W	160	280	190	320	270	390
100	120	220	140	250	230	330
30	90	160	120	190	190	270
10	60	120	90	140	160	230
3	50	90	80	120	130	190
1	40	60	70	90	120	160

*) For climatic area 4, the values given in the column headed "Sea" shall be applied.

TABLE C — BAND III

Effective Radiated Power (E.R.P.)	Consultation distances in km for different effective antenna heights h					
	h = 75 m		h = 300 m		h = 1200 m	
	Land path (all areas)	Sea **)	Land path (all areas)	Sea **)	Land path (all areas)	Sea **)
300 kW	580	1000	620	1060	690	*)
100	530	910	560	950	630	1030
30	470	810	510	850	580	930
10	420	720	450	750	520	820
3	360	610	400	650	470	720
1	310	520	340	550	410	630
300 W	260	430	290	470	360	540
100	210	350	240	390	320	460
30	160	280	190	320	270	390
10	120	220	150	250	230	330
3	90	160	120	190	190	270
1	60	120	90	150	160	230

*) For transmitting antenna effective heights greater than 1200 m, or in cases where no consultation distances appear in the tables, the procedure given in Section 1 of Article 3 shall be applied.

**) For climatic area 4, the values given in the column headed "Sea" shall be applied.

TABLE D — BANDS IV AND V

Effective Radiated Power (E.R.P.)		Consultation distances in km for different effective antenna heights h					
		$h \leq 75$ m		75 m $< h <$ 300 m		300 m $< h \leq$ 1200 m	
Band IV	Band V	Land path (all areas)	Sea **)	Land path (all areas)	Sea **)	Land path (all areas)	Sea **)
1000 kW	—	465	*)	500	*)	575	*)
300	1000 kW	410	1000	445	*)	520	*)
100	300	360	945	395	970	470	*)
30	100	310	865	345	900	420	965
10	30	270	805	300	835	375	895
3	10	230	730	260	770	330	830
1	3	185	650	220	700	290	755
300 W	1	150	585	185	630	250	680
100	300 W	110	515	150	565	215	610
30	100	80	460	125	510	185	540
10	30	60	415	100	450	160	485
3	10	45	380	80	395	135	440
1	3	35	340	65	350	115	390
300 mW	1	25	320	50	325	100	345
100	300 mW	20	300	40	305	85	310
—	100	15	235	30	235	70	235

*) For transmitting antenna effective heights greater than 1200 m, or in cases where no consultation distances appear in the tables, the procedure given in Section 1 of Article 3 shall be applied.

**) For climatic area 4, the values given in the column headed "Sea" shall be applied.

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ANNEX 2

to the

REGIONAL AGREEMENT

for the

AFRICAN BROADCASTING AREA

Plans for the Assignment of

Very High Frequencies and Ultra High Frequencies to

Broadcasting Stations in the African Broadcasting Area

CHAPTER 1

Station Characteristics

1 *Location of Stations*

The nominal locations of stations shown in the Plans are given by their geographical co-ordinates (longitude and latitude) expressed in degrees and minutes. The actual site of a station may differ from the nominal site, up to a maximum of

25 km for Bands I, II and III, and
15 km for Bands IV and V

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

2 *Standards for Sound Broadcasting and Television*

The standards for sound broadcasting in Band II and for television in Bands I, III, IV and V and the manner in which they have been designated in the Plans, appear in Section 2 of Annex 3.

3 *Channel Numbering in Band IV (Channels 21-34) and in Band V (Channels 35-81)*

3.1 The frequency band 470 to 960 Mc/s is divided into 61 channels each 8 Mc/s wide numbered from 21 to 81 in accordance with the following table:

Channel number	*Channel limits*	*Nominal vision carrier frequency*	*Channel number*	*Channel limits*	*Nominal vision carrier frequency*
21	470–478	471.25	51	710–718	711.25
22	478–486	479.25	52	718–726	719.25
23	486–494	487.25	53	726–734	727.25
24	494–502	495.25	54	734–742	735.25
25	502–510	503.25	55	742–750	743.25
26	510–518	511.25	56	750–758	751.25
27	518–526	519.25	57	758–766	759.25
28	526–534	527.25	58	766–774	767.25
29	534–542	535.25	59	774–782	775.25
30	542–550	543.25	60	782–790	783.25
31	550–558	551.25	61	790–798	791.25
32	558–566	559.25	62	798–806	799.25
33	566–574	567.25	63	806–814	807.25
34	574–582	575.25	64	814–822	815.25
			65	822–830	823.25
35	582–590	583.25	66	830–838	831.25
36	590–598	591.25	67	838–846	839.25
37	598–606	599.25	68	846–854	847.25
38	606–614	607.25	69	854–862	855.25
39	614–622	615.25	70	862–870	863.25
40	622–630	623.25	71	870–878	871.25
41	630–638	631.25	72	878–886	879.25
42	638–646	639.25	73	886–894	887.25
43	646–654	647.25	74	894–902	895.25
44	654–662	655.25	75	902–910	903.25
45	662–670	663.25	76	910–918	911.25
46	670–678	671.25	77	918–926	919.25
47	678–686	679.25	78	926–934	927.25
48	686–694	687.25	79	934–942	935.25
49	694–702	695.25	80	942–950	943.25
50	702–710	703.25	81	950–958	951.25

3.2 In each channel the nominal vision carrier frequency is situated at 1.25 Mc/s above the lower limit of the channel and the associated sound carrier frequency is higher than the vision carrier frequency.

4 *Offset Working*

4.1 The frequency assigned to the vision carrier is the sum of the nominal vision carrier frequency and the frequency offset.

The frequency offset of the vision carrier is shown in the Plans by means of the symbols given in the following table:

Symbol	Vision carrier offset as a fraction of the line frequency for the television system concerned	Symbol	Vision carrier offset as a fraction of the line frequency for the television system concerned
0	0	0	0
1 P	+ 1/12	1 M	— 1/12
2 P	+ 2/12	2 M	— 2/12
3 P	+ 3/12	3 M	— 3/12
4 P	+ 4/12	4 M	— 4/12
5 P	+ 5/12	5 M	— 5/12
6 P	+ 6/12	6 M	— 6/12
7 P	+ 7/12	7 M	— 7/12
8 P	+ 8/12	8 M	— 8/12
9 P	+ 9/12	9 M	— 9/12
10 P	+ 10/12	10 M	— 10/12
11 P	+ 11/12	11 M	— 11/12
12 P	+ 12/12	12 M	— 12/12
13 P	+ 13/12	13 M	— 13/12
14 P	+ 14/12	14 M	— 14/12
15 P	+ 15/12	15 M	— 15/12
16 P	+ 16/12	16 M	— 16/12
17 P	+ 17/12	17 M	— 17/12
18 P	+ 18/12	18 M	— 18/12
19 P	+ 19/12	19 M	— 19/12
20 P	+ 20/12	20 M	— 20/12

4.2 For television stations working in offset arrangements with other stations not belonging to the same Administration, the vision carrier frequencies actually radiated shall be maintained within $\pm$ 500 c/s of the assigned frequencies.

4.3 Where offset working is not specified in the Plans, Administrations shall, when appropriate, be prepared to enter into agreement in order to take full advantage of this method of working.

4.4 The sound carrier frequency is offset by the same amount as the vision carrier frequency, unless there is an indication to the contrary in the Plans.

5 *Effective Radiated Power (E.R.P.)*

The term " Effective Radiated Power " is defined in No. 98 of the Radio Regulations.

For sound transmissions this is the unmodulated carrier power; for vision transmissions it is the peak envelope power.

The powers indicated in the Plans are maximum values.

6 *Effective Antenna Height*

The effective transmitting antenna height is defined as the height of the centre of the transmitting antenna above the mean level of the ground between 3 km and 15 km from the transmitter in the direction in which it is desired to determine the field strength.

The effective transmitting antenna height may vary with the direction; the maximum value is given in the Plans.

7 *Plane of Polarization*

The plane of polarization shall be either horizontal (H) or vertical (V).

8 *Modulation of Sound Transmissions*

The maximum frequency deviation of F3 emissions, unless otherwise specified in the Plans, shall not exceed:

± 75 kc/s in Band II
± 50 kc/s in Bands I, III, IV and V.

If modulation frequencies higher than 15 kc/s are used, the maximum frequency deviation may have to be reduced in order to avoid harmful interference to stations working on adjacent channels.

CHAPTER 2

Plans

(For the explanation of symbols used in certain columns see Chapter 3—page 313).

PLAN

pour les

STATIONS DE TÉLÉVISION

dans la

BANDE DE FRÉQUENCES 41-68 MHz

PLAN

for

TELEVISION STATIONS

in the

FREQUENCY BAND 41-68 Mc/s

PLAN

para las

ESTACIONES DE TELEVISIÓN

en la

BANDA DE FRECUENCIAS 41-68 Mc/s

Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)		Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Image *Vision* Imagen	Son *Sound* Sonido												
1A	1B	2	3	4	5		6	7	8	9	10	11A	11B
43,25	49,25	0	DUNDO	AGL	2051E	0720S	I	100	ND	75	H	3	
43,25	49,25	0	GAGO COUTINHO	AGL	2108E	1405S	I	100	ND	75	H	3	
43,25	49,25	8P	LUANDA	AGL	1318E	0847S	I	100	ND	150	H	3	
43,25	49,25	8M	MALANGE	AGL	1620E	0931S	I	100	ND	150	H	3	
43,25	49,25	8M	MAQUELA ZOMBO	AGL	1507E	0603S	I	100	D	150	H	3	74/345/45/5
43,25	49,25	0	PEREIRA D ECA	AGL	1548E	1704S	I	100	ND	150	H	3	
43,25	49,25	8M	SA DA BANDEIRA	AGL	1331E	1456S	I	100	ND	300	H	3	
43,25	49,25	0	SILVA PORTO	AGL	1655E	1244S	I	100	ND	75	H	3	
43,25	49,75	0	BAKOUMA	CAF	2257E	0459N	K	10	ND	150	V	5	
43,25	49,75	0	BAMBARI	CAF	2035E	0540N	K	100	ND	300	V	5	
43,25	49,75	8P	BOSSABEMLE	CAF	1740E	0515N	K	100	ND	300	H	5	
43,25	49,75	0	NDELE	CAF	1035E	0825N	K	30	ND	100	V	5	
43,25	49,75	0	OBO	CAF	2626E	0522N	K	100	ND	300	H	5	
43,25	49,75	8M	AKETI	CGO	2356E	0325N	K	100	ND	300	H	5	
43,25	49,75	8M	BONGO	CGO	1742E	0147S	K	100	ND	300	V	3	
43,25	49,75	0	BUDJALA	CGO	1945E	0237N	K	100	ND	300	H	5	
43,25	49,75	8M	DEKESE	CGO	2123E	0325S	K	100	ND	300	V	3	
43,25	49,75	8M	ITULA	CGO	2750E	0330S	K	100	ND	300	H	3	
43,25	49,75	0	KATAKO KOMBE	CGO	2420E	0327S	K	100	ND	300	H	3	
43,25	49,75	8P	KORET	CGO	2323E	0036N	K	100	ND	300	H	5	
43,25	49,75	0	MANONO	CGO	2726E	0716S	K	100	ND	300	H	3	
43,25	49,75	8M	PANZI	CGO	1801E	0717S	K	100	ND	300	H	3	
43,25	49,75	8P	POKO	CGO	2652E	0308N	K	100	ND	300	V	5	
43,25	49,75	0	SANDOA	CGO	2251E	0943S	K	100	ND	300	V	3	
43,25	49,75	0	WATSA	CGO	2928E	0303N	K	100	ND	300	H	5	
43,25	49,75	0	BETAREOYA	CME	1407E	0536N	K	100	ND	300	H	5	
43,25	49,75	0	GAROUA	CME	1328E	0924N	K	100	ND	600	H	5	
43,25	49,75	8M	MALETCHEN	CME	1401E	0229N	K	100	D	300	H	5	74/135/225/10
43,25	49,75	0	NGAMBE 2	CME	1126E	0551N	K	100	ND	300	H	5	
43,25	49,75	0	SANGMELIMA	CME	1157E	0256N	K	100	ND	300	H	5	
43,25	49,75	8P	FT ROUSSET	COG	1554E	0030S	K	100	ND	300	H	5	
43,25	49,75	0	GANDOU	COG	1728E	0228N	K	100	ND	300	V	5	
43,25	49,75	0	MASA	COG	1528E	0345S	K	25	D	300	H	5	74/210/300/0,25
43,25	49,75	0	SIBITI	COG	1320E	0340S	K	25	ND	300	V	5	
43,25	49,75	8M	DABAKALA	CTI	0407W	0808N	K	100	ND	600	H	5	
43,25	49,75	0	KOFFIKRO	CTI	0323W	0524N	K	50	ND	300	V	5	

1A	1B	2	3	4	5		6	7	8	9	10	11A	11B
43,25	49,75	0	TABOU	CTI	0721W	0424N	K	150	ND	300	H	5	
43,25	49,75	0	PREKETE	DAH	0138E	0840N	K	50	D	300	V	5	74/270/315/5
43,25	49,75	0	LASTOURSVILLE	GAB	1242E	0049S	K	30	ND	300	H	5	
43,25	49,25	8M	BISSAU	GNP	1537W	1152N	I	100	D	75	V	4	75/94/10
43,25	49,75	0	BONE	GUI	1130W	1132N	K	50	D	300	V	3	74/216/70/1
43,25	49,75	8M	GAOUAL	GUI	1311W	1141N	K	100	D	600	H	3	75/275/1
43,25	49,75	0	MILLIMOU	GUI	1010W	0853N	K	100	D	300	H	5	75/136/1
43,25	49,75	0	BOBO DIOULASSO	HVO	0306W	1107N	K	100	ND	300	V	3	
43,25	49,75	0	DIAPAGA	HVO	0147E	1204N	K	10	ND	300	H	3	
43,25	49,75	0	NOBERE	HVO	0140W	1137N	K	10	ND	300	H	3	
43,25	49,75	0	AMBALANIRANA	MDG	5000E	1351S	K	100	ND	600	H	3	
43,25	49,75	0	AMBATOMAHABO	MDG	4509E	2008S	K	100	ND	300	H	3	
43,25	49,75	0	AMBOHIMILANJA	MDG	4759E	1954S	K	100	ND	300	H	3	
43,25	49,75	0	ANALAVASA	MDG	4902E	1333S	K	10	ND	300	H	3	
43,25	49,75	0	ANDILAMENA	MDG	4832E	1702S	K	100	ND	600	H	3	
43,25	49,75	0	BEFOTAKA	MDG	4657E	2351S	K	100	ND	600	H	3	
43,25	49,75	0	EJEDA	MDG	4431E	2420S	K	100	ND	300	H	3	
43,25	49,75	0	KANDREHO	MDG	4605E	1728S	K	100	ND	300	H	3	
43,25	49,75	0	A	MLI	0340E	1630N	K	100	ND	300	H	3	
43,25	49,75	0	BOUGOUNI	MLI	0730W	1126N	K	100	ND	300	V	3	
43,25	49,75	0	DYOUMARA	MLI	0834W	1432N	K	100	ND	300	H	3	
43,25	49,75	0	E	MLI	0140W	2235N	K	100	ND	300	H	3	
43,25	49,75	0	H	MLI	0540W	2200N	K	100	ND	300	V	3	
43,25	49,75	0	K	MLI	0425W	1750N	K	10	ND	300	V	3	
43.25	49,75	0	KAYES	MLI	1125W	1423N	K	100	ND	600	H	3	
43,25	49,75	8M	KE MACINA	MLI	0521W	1358N	K	10	ND	300	H	3	
43,25	49,75	0	KIDAL	MLI	0120E	1825N	K	100	ND	300	V	2	
43,25	49,25	0	LOUREN MARQUES	MOZ	3238E	2550S	I	100	ND	150	H	3	
43,25	49,25	0	MASSANGENA	MOZ	3255E	2135S	I	100	ND	75	H	3	
43,25	49,25	8P	MONTEPUEZ	MOZ	3900E	1308S	I	100	D	75	H	3	74/250/290/10
43,25	49,25	0	TETE	MOZ	3335E	1610S	I	100	ND	38	H	3	
43,25	49,25	0	VILA CABRAL	MOZ	3514E	1318S	I	100	ND	300	H	3	
43,25	49,75	0	BEL GUERDANE	MTN	1031W	2524N	K	10	ND	300	H	2	
43,25	49,75	8M	M	MTN	0543W	1815N	K	100	ND	300	H	2	
43,25	49,75	0	MOUDJERIA	MTN	1219W	1752N	K	10	ND	300	H	4	
43,25	49,75	8P	PT ETIENNE	MTN	1703W	2053N	K	100	ND	300	V	4	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 41-68 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 41-68 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 41-68 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Image *Vision* Imagen	Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada apparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Son *Sound* Sonido												
43,25	49,75	0	ROSSO	MTN	1549W 1631N	K	10	D	300	H	4	74/160/220/1
43,25	49,75	0	BILMA	NGR	1253E 1840N	K	100	ND	300	H	3	
43,25	49,75	0	BIRNI LALLE	NGR	0716E 1425N	K	100	ND	300	V	3	
43,25	49,75	0	IFEROUANE	NGR	0822E 1907N	K	100	ND	300	V	3	
43,25	49,75	8P	KOUNGHEUL	SEN	1447W 1358N	K	100	D	300	V	4	74/300/360/20 74/180/250/3
43,25	49,75	0	A	TCD	1504E 1327N	K	100	ND	300	H	5	
43,25	49,75	8P	BOKORO	TCD	1703E 1223N	K	100	ND	300	H	3	
43,25	49,75	0	DOBA	TCD	1651E 0840N	K	100	ND	300	H	5	
43,25	49,75	0	F	TCD	2149E 2004N	K	100	ND	300	H	5	
43,25	49,75	0	GOZ BEIDA	TCD	2125E 1213N	K	100	ND	300	H	3	
43,25	49,75	0	MOUSSORO	TCD	1630E 1339N	K	100	ND	300	H	3	
48,25	53,75	8P	ASYUT	EGY	3104E 2711N	B	100	ND	150	H	2	
48,25	53,75	0	CAIRO	EGY	3115E 3003N	B	100	ND	300	H	2	11
48,25	53,75	8M	TOR	EGY	3339E 2814N	B	100	ND	150	H	2	
48,25	53,75	0	ZUQUALA	ETH	3853E 0833N	B	60	ND	1200	H	6	
48,25	53,75	0	KISI	GHA	0130W 0506N	B	50	ND	300	H	5	
48,25	53,75	8P	POTWIA	GHA	0015E 0720N	B	50	ND	250	V	5	
48,25	53,75	0	P SANTA ISABEL	GNE	0847E 0335N	B	200	D	600	H	5	74/320/90/8
48,25	53,75	0	MARIAKANI	KEN	3928E 0355S	B	100	ND	600	H	3	
48,25	53,75	0	TIMBOROA	KEN	3530E 0005N	B	100	ND	1200	H	3	
48,25	53,75	0	VOINJAMA	LBR	0945W 0826N	B	100	ND	200	H	5	
48,25	53,75	8M	BADAGRY	NIG	0310E 0629N	B	25	D	150	V	5	74/300/240/2,5
48,25	53,75	0	ENUGU	NIG	0729E 0627N	B	0,5	ND	150	H	5	
48,25	53,75	0	IBADAN	NIG	0356E 0724N	B	50	ND	150	H	5	
48,25	53,75	0	OKPATU	NIG	0729E 0627N	B	50	ND	150	H	5	
48,25	53,75	0	GWELO	RHS	2956E 1931S	B	20	ND	75	H	3	
48,25	53,75	0	DAGARITA	SOM	4330E 1040N	B	50	ND	600	H	2	
48,25	53,75	0	FREETOWN	SRL	1317W 0830N	B	10	ND	150	H	5	
52,25	58,25	0	AVIZ	AGL	1322E 1632S	I	100	ND	75	H	3	
52,25	58,25	8M	CUANGO	AGL	1633E 0614S	I	100	ND	150	V	3	
52,25	58,25	0	HENRI CARVALHO	AGL	2023E 0939S	I	100	ND	38	H	3	
52,25	58,25	8M	LOBITO	AGL	1338E 1241S	I	100	ND	300	H	3	
52,25	58,25	0	MAVINGA	AGL	2016E 1530S	I	100	ND	75	H	3	
52,25	58,25	8P	MONTE VERDE	AGL	1641E 0836S	I	100	ND	150	H	3	
52,25	58,25	8P	SERPA PINTO	AGL	1748E 1437S	I	100	ND	150	H	3	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
52,25	58,75	8P	FT CRAMPEL	CAF	1910E 0659N	K	100	ND	300	H	5	
52,25	58,75	0	KEMBE	CAF	2156E 0428N	K	100	ND	300	H	5	
52,25	58,75	0	MOUKA	CAF	2146E 0717N	K	100	ND	300	V	5	
52,25	58,75	0	NOLA	CAF	1605E 0332N	K	50	D	300	V	5	74/120/180/5
52,25	58,75	0	PAOUA	CAF	1626E 0715N	K	100	ND	300	H	5	
52,25	58,75	8P	BASANKUSU	CGO	1948E 0113N	K	100	ND	300	H	5	
52,25	58,75	0	BASOKO	CGO	2335E 0113N	K	100	ND	300	V	5	
52,25	58,75	0	BOSOBOLO	CGO	1955E 0413N	K	100	ND	300	V	5	
52,25	58,75	8P	GUNGU	CGO	1919E 0544S	K	50	ND	300	H	3	
52,25	58,75	0	GWANE	CGO	2554E 0442N	K	100	ND	300	H	5	
52,25	58,75	8M	KALIMA	CGO	2632E 0236S	K	100	ND	300	H	3	
52,25	58,75	0	KAMINA	CGO	2509E 0843S	K	100	ND	300	H	3	
52,25	58,75	0	KONDOLOLE	CGO	2602E 0122N	K	100	ND	300	H	5	
52,25	58,75	8P	KONGOLO	CGO	2659E 0523S	K	100	ND	300	V	3	
52,25	58,75	0	LUANZA	CGO	2842E 0840S	K	100	ND	300	H	3	
52,25	58,75	8M	LUEBO	CGO	2122E 0520S	K	50	ND	300	V	3	
52,25	58,75	0	MAMBASA	CGO	2903E 0121N	K	100	ND	300	H	5	
52,25	58,75	0	MONKOTO	CGO	2035E 0138S	K	100	ND	300	H	3	
52,25	58,75	0	MULONGA FUNGA	CGO	2529E 1109N	K	100	ND	300	H	3	
52,25	58,75	0	THYSVILLE	CGO	1453E 0512S	K	100	D	300	V	3	75/180/1
52,25	58,75	8P	ABONGMBANG	CME	1312E 0402N	K	30	ND	300	H	5	
52,25	58,75	0	NGAMBE 1	CME	1038E 0421N	K	100	ND	300	H	5	
52,25	58,75	0	TIGNERE	CME	1236E 0722N	K	100	ND	600	H	5	
52,25	58,75	8M	LEKANA	COG	1435E 0219S	K	100	D	600	H	5	74/10/70/10
52,25	58,75	0	MONGANDIA	COG	1710E 0040N	K	30	ND	300	H	5	
52,25	58,75	0	KODIMASSOU	CTI	0436W 0553N	K	10	ND	300	H	5	
52,25	58,75	0	KOROGHO	CTI	0539W 0927N	K	100	ND	300	H	5	
52,25	58,75	0	METELO	CTI	0809W 0653N	K	100	ND	300	H	5	
52,25	58,75	8P	NIKKI	DAH	0313E 0956N	K	100	D	300	V	5	75/90/25
52,25	58,75	0	ESSONE	GAB	1113E 0040N	K	100	ND	300	H	5	
52,25	58,75	0	LEMBAMBA	GAB	1132E 0209S	K	30	ND	300	H	5	
52,25	58,75	8P	MEKAMBO	GAB	1356E 0100N	K	30	ND	300	H	5	
52,25	58,75	8P	BARANAMA	GUI	0846W 1008N	K	100	D	300	V	3	75/205/1
52,25	58,75	0	SANOUYA	GUI	1106W 1009N	K	100	D	600	H	3	74/316/90/1
52,25	58,75	0	NIOUMA	HVO	0238W 1257N	K	10	ND	300	H	3	
52,25	58,75	8P	TYABOANDOU	HVO	0018E 1251N	K	10	D	300	H	3	74/80/100/1

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 41-68 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 41-68 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 41-68 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
52,25	58,75	0	AMBORAMPOTSY	MDG	4619E 2041S	K	100	ND	600	H	3	
52,25	58,75	0	ANDOHARANO	MDG	4711E 1815S	K	100	ND	300	H	3	
52,25	58,75	0	ANOSIBE	MDG	4812E 1926S	K	100	ND	300	H	3	
52,25	58,75	0	ANTANIMORA	MDG	4541E 2445S	K	100	ND	600	H	3	
52,25	58,75	0	MAROMANDIA	MDG	4810E 1413S	K	10	ND	600	H	3	
52,25	58,75	0	MORCMBE	MDG	4322E 2145S	K	100	ND	300	H	3	
52,25	58,75	0	GAO	MLI	0002W 1616N	K	10	ND	300	H	3	
52,25	58,75	0	L	MLI	0030E 2030N	K	100	ND	300	H	3	
52,25	58,75	0	TOMBOUCTOU	MLI	0301W 1647N	K	100	ND	300	V	2	
52,25	58,25	0	BEIRA	MOZ	3445E 1942S	I	100	ND	75	H	5	
52,25	58,25	8M	MOCIMBOA PRAIA	MOZ	4021E 1120S	I	100	ND	38	H	5	
52,25	58,25	0	NAMPULA	MOZ	3923E 1507S	I	100	ND	600	H	5	
52,25	58,75	0	I	MTN	0700W 2353N	K	100	ND	300	H	2	
52,25	58,75	0	MAGHAMA	MTN	1252W 1532N	K	10	D	300	H	4	74/200/260/1
52,25	58,75	0	MORIBOUGOU	MTN	0929W 1531N	K	100	ND	300	H	3	
52,25	58,75	0	NEMA	MTN	0714W 1636N	K	100	ND	300	H	3	
52,25	58,75	0	DOSSO	NGR	0312E 1303N	K	100	ND	300	V	3	
52,25	58,75	0	IN GALL	NGR	0656E 1647N	K	100	ND	300	H	3	
52,25	58,75	8P	MAGARIA	NGR	0853E 1302N	K	100	ND	300	H	3	
52,25	58,75	0	KOLDA	SEN	1459W 1254N	K	15	D	300	H	4	74/300/60/10 75/135/2,5
52,25	58,75	8P	MBACKE	SEN	1555W 1448N	K	200	D	300	H	4	74/340/60/20
52,25	58,25	0	ANSE BOILEAU	SEY	5529E 0443S	I	1	ND	600	H	4	
52,25	58,75	0	ABECHE	TCD	2051E 1348N	K	100	ND	300	H	5	
52,25	58,75	0	BONGOR	TCD	1017E 1024N	K	100	ND	300	V	5	
52,25	58,75	0	H	TCD	2347E 1753N	K	100	ND	300	H	3	
52,25	58,75	0	LARGEAU	TCD	1908E 1757N	K	100	ND	300	H	5	
52,25	58,75	0	OUANTAGOI	TCD	1635E 2136N	K	100	ND	300	H	5	
52,25	58,75	0	SINGAKO	TCD	1928E 0951N	K	100	ND	300	H	5	
52,25	58,75	0	KRA	TGO	0121E 0720N	K	100	ND	300	H	5	
52,25	58,75	8M	SANSANNE MANGO	TGO	0028E 1021N	K	100	ND	300	H	5	
55,25	60,75	0	BUSH	EGY	3107E 2909N	B	100	ND	75	H	2	
55,25	60,75	0	QENA	EGY	3243E 2610N	B	100	ND	100	H	2	
55,25	60,75	0	ASBE TAFARI	ETH	4054E 0901N	B	60	ND	300	H	6	
55,25	60,75	0	ASMARA	ETH	3856E 1521N	B	60	ND	600	H	6	
55,25	60,75	0	BOLGATANGA	GHA	0050W 1040N	B	50	D	120	V	5	74/315/45/5

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
55,25	60,75	8P	NKABIN	GHA	0140W 0648N	B	50	ND	300	H	5	
55,25	60,75	8M	SAKPA	GHA	0220W 0856N	B	50	ND	100	V	5	
55,25	60,75	0	KISUMU	KEN	3445E 0003S	B	100	ND	150	V	3	
55,25	60,75	8P	MERU	KEN	3740E 0003N	B	100	D	1200	H	3	74/130/10/10
55,25	60,75	0	HARPER	LBR	0742W 0622N	B	100	ND	100	H	5	
55,25	60,75	0	ABAFON	NIG	0331E 0642N	B	15	ND	150	H	5	
55,25	60,75	0	SOKOTO	NIG	0506E 1301N	B	50	D	150	H	3	74/330/30/5
55,25	60,75	0	ZOMBA	NYA	3520E 1520S	B	10	ND	600	H	3	
55,25	60,75	0	LUSAKA	RHN	2822E 1526S	B	3	ND	75	H	3	
55,25	60,75	0	BULAWAYO	RHS	2834E 2012S	B	3	ND	150	H	3	
55,25	60,75	0	BERBERA	SOM	4502E 1025N	B	10	ND	35	H	2	
55,25	60,75	0	DAR ES SALAAM	TGK	3915E 0650S	B	100	ND	150	H	3	
60,25	66,25	0	CABINDA	AGL	1215E 0525S	I	100	ND	75	H	3	
60,25	66,25	8M	CARMONA	AGL	1503E 0735S	I	100	ND	75	H	3	
60,25	66,25	8P	CAUNGULA	AGL	1940E 0820S	I	100	D	150	H	3	74/50/90/10
60,25	66,25	0	NOVA LISBOA	AGL	1531E 1246S	I	100	ND	600	H	3	
60,25	66,25	0	MAFETENG	BAS	2730E 2950S	I	10	ND	300	H	3	
60,25	66,25	0	LOBATSI	BCH	2535E 2515S	I	10	ND	300	H	2	
60,25	66,75	8P	ALINDAO	CAF	2118E 0502N	K	100	ND	300	H	5	
60,25	66,75	0	BOGANGOLO	CAF	1811E 0532N	K	100	ND	300	H	5	
60,25	66,75	8M	RAFAI	CAF	2358E 0459N	K	100	ND	300	H	5	
60,25	66,75	0	ARUMBI	CGO	3001E 0232N	K	100	ND	300	V	5	
60,25	66,75	8M	BARAKA	CGO	2905E 0409S	K	100	ND	300	V	3	
60,25	66,75	0	BAUDOUINVILLE	CGO	2952E 0714S	K	100	ND	300	H	3	
60,25	66,75	0	BENA DIBELE	CGO	2251E 0355S	K	100	ND	300	H	3	
60,25	66,75	8M	BOKUNGU	CGO	2225E 0045S	K	100	ND	300	H	3	
60,25	66,75	0	BUTA	CGO	2447E 0247N	K	100	ND	300	V	5	
60,25	66,75	0	COQUILHATVILLE	CGO	1818E 0001S	K	100	D	300	V	5	74/220/250/10
60,25	66,75	0	KABUNDI	CGO	2714E 1006S	K	100	ND	300	H	3	
60,25	66,75	0	LISALA	CGO	2130E 0209N	K	100	ND	300	H	5	
60,25	66,75	0	LUSHIKO	CGO	2000E 0658S	K	100	ND	300	V	3	
60,25	66,75	0	MANGAI	CGO	1933E 0402S	K	100	ND	300	H	3	
60,25	66,75	0	MWENE DITU	CGO	2326E 0650S	K	100	ND	300	H	3	
60,25	66,75	8M	PAULIS	CGO	2738E 0246N	K	100	ND	300	H	5	
60,25	66,75	8P	PONTHIERVILLE	CGO	2540E 0027S	K	100	ND	300	H	3	
60,25	66,75	8P	SOKELE	CGO	2440E 0945S	K	100	ND	300	V	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 41-68 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 41-68 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 41-68 Mc/s

1A — Image / Vision / Imagen
1B — Son / Sound / Sonido — Fréquence nominale (MHz) / Nominal frequency (Mc/s) / Frecuencia nominal (Mc/s)
2 — Décalage de la porteuse image / Vision carrier offset / Desviación de la portadora de imagen
3 — Nom de la station d'émission / Name of transmitting station / Nombre de la estación transmisora
4 — Symbole désignant le pays / Country symbol / Símbolo designativo del país
5 — Coordonnées géographiques de la station d'émission / Geographical co-ordinates of transmitting station / Coordenadas geográficas de la estación transmisora
6 — Système de télévision - Television system / Sistema de televisión
7 — Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) / Maximum effective radiated power: vision (kW) (Sound = 1:5) / Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)
8 — Caractéristiques du rayonnement de l'antenne / Characteristics of antenna radiation / Características de radiación de la antena
9 — Hauteur équivalente maximale de l'antenne d'émission (mètres) / Maximum effective height of transmitting antenna (metres) / Altura efectiva máxima de la antena transmisora (metros)
10 — Polarisation du rayonnement / Polarization of radiation / Polarización de radiación
11A — Zone climatique / Climatic zone / Zona climática
11B — Observations / Remarks / Observaciones

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
60,25	66,75	0	WALIKALE	CGO	2802E 0126S	K	100	ND	300	H	3	
60,25	66,75	0	FT FOUREAU	CME	1502E 1205N	K	150	ND	300	H	5	
60,25	66,75	8P	KRIBI	CME	0956E 0256N	K	100	ND	300	H	5	
60,25	66,75	0	MOLOUNDOU	CME	1521E 0211N	K	150	ND	300	H	5	
60,25	66,75	0	OVENG	CME	1215E 0224N	K	150	ND	300	H	5	
60,25	66,75	0	TALI	CME	0937E 0534N	K	100	ND	300	H	5	
60,25	66,75	0	YOKO	CME	1220E 0531N	K	100	ND	600	V	5	
60,25	66,75	8M	KONKOUATI	COG	1110E 0400S	K	100	ND	300	H	5	
60,25	66,75	0	MOSSAKA	COG	1648E 0110S	K	100	ND	300	H	5	
60,25	66,75	8P	MOUYOUNDZI	COG	1357E 0400S	K	100	ND	300	H	5	
60,25	66,75	0	KOUN ABROSSO	CTI	0317W 0727N	K	100	ND	600	H	5	
60,25	66,75	0	MANKONO	CTI	0612W 0808N	K	100	ND	300	V	5	
60,25	66,75	0	SASSANDRA	CTI	0606W 0456N	K	100	ND	300	H	5	
60,25	66,75	0	LAMBARENE	GAB	1013E 0012S	K	100	ND	300	H	5	
60,25	66,75	8P	MALIMBA	GAB	1320E 0100S	K	10	ND	300	V	5	
60,25	66,25	8P	MANSA KONKO	GMB	1535W 1325N	I	10	ND	300	V	4	
60,25	66,75	8M	DIDI	GUI	0935W 1133N	K	100	ND	600	H	3	
60,25	66,75	8P	LABE	GUI	1214W 1118N	K	100	D	600	H	3	74/300/84/1
60,25	66,75	8P	MACENTA	GUI	0929W 0835N	K	100	ND	600	V	5	
60,25	66,75	0	BITOU	HVO	0047W 1113N	K	10	D	300	H	3	74/150/210/0,1
60,25	66,75	0	DIEBOUGOU	HVO	0315W 1058N	K	10	ND	300	H	3	
60,25	66,75	0	DORI	HVO	0002E 1402N	K	10	ND	300	H	3	
60,25	66,75	0	AMBODIFOTATRA	MDG	4952E 1700S	K	100	ND	300	H	3	
60,25	66,75	0	ANJOZOROBE	MDG	4750E 1823S	K	100	ND	300	H	3	
60,25	66,75	0	ANKILIMASY	MDG	4433E 2121S	K	100	ND	300	H	3	
60,25	66,75	0	B.MAKOTAOLANA	MDG	4841E 1436S	K	50	ND	300	H	3	
60,25	66,75	0	ESIRATRAFONOMB	MDG	4643E 2423S	K	100	ND	600	H	3	
60,25	66,75	0	KIRARO MENA	MDG	4603E 1817S	K	100	ND	150	H	3	
60,25	66,75	0	VOHIBEANTOETRA	MDG	4721E 2048S	K	10	ND	300	H	3	
60,25	66,75	0	BAFOULABE	MLI	1050W 1348N	K	100	ND	300	V	3	
60,25	66,75	0	MANANKORO	MLI	0743W 1025N	K	100	ND	300	H	3	
60,25	66,75	8P	MOPTI	MLI	0412W 1430N	K	100	ND	300	H	3	
60,25	66,75	0	MOURDHIA	MLI	0727W 1459N	K	100	ND	300	H	3	
60,25	66,25	0	MACIA	MOZ	3303E 2501S	I	100	ND	150	H	3	
60,25	66,25	0	MOSSURIL	MOZ	4042E 1451S	I	100	ND	300	H	5	
60,25	66,25	8M	V JUNQUEIRO	MOZ	3659E 1528S	I	100	D	150	H	3	74/30/90/10

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
60,25	66,25	0	VILA PERY	MOZ	3327E 1907S	I	100	ND	150	H	3	
60,25	66,75	0	A	MTN	1511W 2020N	K	100	ND	300	H	4	
60,25	66,75	0	F	MTN	0827W 2540N	K	100	ND	300	H	2	
60,25	66,75	0	KIFFA	MTN	1124W 1637N	K	100	ND	300	H	3	
60,25	66,75	0	LEGAT	MTN	1450W 1646N	K	100	D	300	H	4	74/150/210/10
60,25	66,75	0	OUADANE	MTN	1136W 2047N	K	100	ND	300	H	2	
60,25	66,75	0	NGUIGMI	NGR	1310E 1414N	K	100	ND	300	V	3	
60,25	66,75	8P	OUALLAM	NGR	0205E 1419N	K	100	ND	300	H	3	
60,25	66,75	0	TAHOUA	NGR	0514E 1452N	K	100	ND	300	V	3	
60,25	66,75	0	TANOUT	NGR	0851E 1450N	K	100	ND	300	H	3	
60,25	66,75	8M	TAMBACOUNDA	SEN	1341W 1347N	K	10	D	300	H	4	74/300/360/10 75/150/2
60,25	66,25	8P	MANZINI	SWZ	3122E 2630S	I	10	ND	300	V	3	
60,25	66,75	0	ARADA	TCD	2035E 1502N	K	100	ND	300	H	5	
60,25	66,75	0	G	TCD	2326E 1941N	K	100	ND	300	H	3	
60,25	66,75	0	MEZAFEH	TCD	1516E 2305N	K	100	ND	300	H	5	
60,25	66,75	8P	MOISSALA	TCD	1746E 0820N	K	100	ND	300	H	5	
60,25	66,75	8P	MONGO	TCD	1841E 1212N	K	100	ND	600	H	3	
60,25	66,75	0	MONGORORO	TCD	2226E 1201N	K	100	ND	300	H	3	
62,25	67,75	0	LITTLE ADEN	ADN	4552E 1245N	B	5	ND	300	H	4	13
62,25	67,75	0	IZANA	CNR	1630W 2830N	B	300	D	300	H	4	74/330/30/30 74/150/210/30
62,25	67,75	0	ASWAN	EGY	3257E 2404N	B	200	ND	150	H	2	
62,25	67,75	0	EL MINYA	EGY	3035E 2805N	B	100	ND	75	H	2	
62,25	67,75	8P	RAS ZA FARANA	EGY	3240E 2906N	B	10	ND	100	H	2	
62,25	67,75	0	DEBRA TABOR	ETH	3811E 1143N	B	60	ND	300	H	6	
62,25	67,75	0	AJANGOTE	GHA	0020W 0545N	B	50	ND	300	H	5	
62,25	67,75	8P	TAMALE	GHA	0050W 0928N	B	50	ND	300	H	5	
62,25	67,75	8P	NAIROBI	KEN	3650E 0115S	B	100	ND	1200	H	3	
62,25	67,75	0	SANNAQUELA	LBR	0843W 0722N	B	100	ND	300	H	5	
62,25	67,75	0	CUREPIPE	MAU	5732E 2019S	B	50	ND	600	H	4	
62,25	67,75	0	ABA	NIG	0723E 0507N	B	50	ND	100	H	5	
62,25	67,75	0	IBADAN	NIG	0356E 0742N	B	1,5	ND	150	H	5	
62,25	67,75	0	JAJI	NIG	0733E 1050N	B	40	ND	150	H	3	
62,25	67,75	0	KITWE	RHN	2813E 1247S	B	20	ND	150	H	3	
62,25	67,75	0	SALISBURY	RHS	3104E 1747S	B	20	ND	300	H	3	
62,25	67,75	0	FREETOWN	SRL	1317W 0830N	B	50	ND	150	V	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 41-68 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 41-68 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 41-68 Mc/s

Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)		Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Image *Vision* Imagen	Son *Sound* Sonido											

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
62,25	67,75	8M	KABALLAH	SRL	1135W 0935N	B	20	ND	300	H	5	
62,25	67,75	0	ZANZIBAR	ZAN	3915E 0610S	B	25	ND	300	V	4	

PLAN

pour les

STATIONS DE RADIODIFFUSION SONORE

dans la

BANDE DE FRÉQUENCES 87,5-100 MHz

PLAN

for

SOUND BROADCASTING STATIONS

in the

FREQUENCY BAND 87.5-100 Mc/s

PLAN

para las

ESTACIONES DE RADIODIFUSIÓN SONORA

en la

BANDA DE FRECUENCIAS 87,5-100 Mc/s

PLAN POUR LES STATIONS DE RADIODIFFUSION SONORE DANS LA BANDE DE FRÉQUENCES 87,5-100 MHz

PLAN FOR SOUND BROADCASTING STATIONS IN THE FREQUENCY BAND 87.5-100 Mc/s

PLAN PARA LAS ESTACIONES DE RADIODIFUSIÓN SONORA EN LA BANDA DE FRECUENCIAS 87,5-100 Mc/s 87,5-100 MHz Mc/s BC

Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (meires)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zone climática	Observations *Remarks* Observaciones
1	2	3	4	5	6	7	8	9	10A	10B
87,600	PHILIPPEVILLE	ALG	0706E 3654N	180F3	0,5	D	650	H	1	11
87,600	RABAT 1	MRC	0649W 3355N	180F3	1	ND	40	H	2	11
87,604	C78	AFS	2018E 2735S	200F3	38	ND	150	H	2	
87,604	JOHANNESBURG	AFS	2800E 2612S	200F3	100	ND	300	H	6	
87,604	P.ALBERT ROAD	AFS	2145E 3257S	200F3	38	ND	300	H	6	
87,604	PT ST.JOHNS	AFS	2925E 3134S	200F3	38	ND	350	H	6	
87,604	AMBRIZETE	AGL	1252E 0714S	180F3	50	ND	38	H	3	
87,604	AVIZ	AGL	1322E 1632S	180F3	50	ND	75	H	3	
87,604	BETANGAFO	CAF	1820E 0718N	180F3	100	ND	300	H	5	
87,604	BANGADI	CGO	2751E 0450N	180F3	100	ND	300	H	5	
87,604	BOMBOMA	CGO	1900E 0218N	180F3	100	ND	300	H	5	
87,604	KIRI	CGO	1900E 0123S	180F3	100	ND	300	H	3	
87,604	LUSHIKO	CGO	2000E 0658S	180F3	100	ND	300	H	3	
87,604	NYUNSU	CGO	2800E 0600S	180F3	100	ND	300	H	3	
87,604	GR COMORE S	COM	4318E 1150S	180F3	10	ND	600	H	4	
87,604	BOUNA	CTI	0300W 0916N	180F3	100	ND	300	H	5	
87,604	BIMBEREKE	DAH	0239E 1014N	180F3	100	ND	300	H	3	
87,604	KISUMU	KEN	3445E 0003S	180F3	100	ND	150	H	3	
87,604	VOINJAMA	LBR	0945W 0826N	180F3	10	ND	200	H	5	
87,604	MANANARA	MDG	4940E 1602S	180F3	100	ND	300	H	3	
87,604	VONTOVORONA	MDG	4712E 1955S	180F3	10	ND	600	H	3	
87,604	MAMBONE	MOZ	3500E 2100S	180F3	50	ND	75	H	3	
87,604	CHIROMO	NYA	3505E 1630S	180F3	100	ND	150	H	3	
87,604	KOURMOUK	SDN	3450E 0530N	180F3	100	ND	300	H	3	14
87,604	DALAFI	SEN	1224W 1340N	180F3	10	ND	300	H	4	
87,604	DUSA MAREB	SOM	4625E 0530N	180F3	0,1	ND	80	H	2	
87,604	SONGEA	TGK	3540E 1035S	180F3	100	ND	150	H	3	
87,690	GOLELA	AFS	3202E 2616S	200F3	38	ND	300	H	3	
87,690	KNEUKEL	AFS	2410E 2815S	200F3	38	ND	200	H	6	
87,690	PT.ELIZABETH	AFS	2533E 3356S	200F3	38	ND	300	H	6	
87,690	S19	AFS	1630E 2320S	200F3	40	ND	300	H	2	
87,690	S59	AFS	1530E 1803S	200F3	40	ND	300	H	2	
87,690	NOVA LISBOA	AGL	1540E 1250S	180F3	100	ND	150	H	3	
87,690	LEMSID	AOE	1337W 2632N	180F3	1	ND	75	H	4	
87,690	KITORA	BDI	3004E 0330S	180F3	100	ND	300	H	5	14
87,690	BRIA	CAF	2155E 0630N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
87,690	O	CAF	1250E 0510N	180F3	100	ND	300	H	5	
87,690	BAUDOUINVILLE	CGO	2952E 0714S	180F3	100	ND	300	H	3	
87,690	BOSENGE	CGO	2220E 0118N	180F3	100	ND	300	H	5	
87,690	LODJA	CGO	2331E 0332S	180F3	100	ND	300	H	3	
87,690	TSHABUTA	CGO	2307E 0742S	180F3	100	ND	300	H	3	
87,690	WATSA	CGO	2928E 0303N	180F3	100	ND	300	H	5	
87,690	MAROUA	CME	1419E 1037N	180F3	100	ND	600	H	5	
87,690	BRAZZAVILLE	COG	1515E 0417S	180F3	100	ND	300	H	5	
87,690	ZALANGOYE	COG	1412E 0127N	180F3	100	ND	300	H	5	
87,690	BEDELLE	ETH	3621E 0827N	180F3	10	ND	300	H	6	
87,690	MAKOKOU	GAB	1250E 0034N	180F3	100	ND	300	H	5	
87,690	S.ISABEL	GNE	0846E 0344N	180F3	100	ND	150	H	5	
87,690	CATIO	GNP	1515W 1115N	180F3	10	ND	38	H	4	
87,690	ITITINGA	HVO	0201W 1350N	180F3	100	ND	300	H	3	
87,690	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
87,690	IANADABO	MDG	4400E 2216S	180F3	100	ND	600	H	3	
87,690	BAMAKO	MLI	0801W 1239N	180F3	100	ND	300	H	3	
87,690	AIOUN ATROUS	MTN	0?35W 1640N	180F3	100	ND	300	H	3	
87,690	BIRNI NKONI	NGR	0512E 1348N	180F3	100	D	300	H	3	74/90/270/5
87,690	BANGWEULU	RHN	3010E 1205S	180F3	100	ND	150	H	3	
87,690	ST LOUIS	SEN	1529W 1600N	180F3	0,1	ND	300	H	4	
87,690	ARTA	SMF	4250E 1131N	180F3	100	ND	700	H	2	
87,690	LUGH FERRANDI	SOM	4233E 0350N	180F3	0,5	ND	80	H	2	
87,690	MANGALME	TCD	1935E 1223N	180F3	100	ND	600	H	3	
87,700	NALUT	LBY	1055E 3150N	180F3	0,9	ND	300	H	2	11
87,776	HOUNDSLOW	AFS	2708E 2352S	200F3	38	ND	150	H	6	
87,776	JAGGERSPLAAT	AFS	1934E 3002S	200F3	38	ND	300	H	2	
87,776	S54	AFS	1905E 1855S	200F3	40	ND	300	H	2	
87,776	ALJUSTREL	AGL	1950E 1350S	180F3	50	ND	75	H	3	
87,776	CAUNGULA	AGL	1840E 0820S	180F3	50	ND	150	H	3	
87,776	GEORGETOWN	ASC	1425W 0756S	180F3	5	ND	600	H	4	
87,776	MAFETENG	BAS	2730E 2950S	180F3	10	ND	300	H	6	
87,776	BANGUI	CAF	1835E 0423N	180F3	100	ND	300	H	5	
87,776	DJEMA	CAF	2515E 0608N	180F3	100	ND	300	H	5	
87,776	BANALIA	CGO	2523E 0134N	180F3	100	ND	300	H	5	
87,776	COQUILHATVILLE	CGO	1818E 0001S	180F3	100	ND	300	H	5	

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zone climática	10B Observations *Remarks* Observaciones
87,776	KASONGO TONGON	CGO	2632E 0429S	180F3	100	ND	300	H	3	
87,776	LOLODORF	CME	1044E 0314N	180F3	100	ND	300	H	5	
87,776	MUT	EGY	2855E 2530N	180F3	10	ND	150	H	2	
87,776	SIRE	ETH	3930E 0817N	180F3	60	ND	300	H	6	
87,776	MOUILA	GAB	1102E 0151S	180F3	100	ND	300	H	5	
87,776	WIAWSO	GHA	0229W 0616N	180F3	50	ND	120	H	5	
87,776	MDN GADAOUNDOU	GUI	1134W 1151N	180F3	100	ND	300	H	3	
87,776	BADINGA	HVO	0041E 1205N	180F3	100	ND	300	H	3	
87,776	GBARNGA	LBR	0908W 0728N	180F3	2	ND	300	H	4	
87,776	MANIVALO	MDG	4621E 2227S	180F3	100	ND	600	H	3	
87,776	MORAFENO BE	MDG	4452E 1752S	180F3	100	ND	300	H	3	
87,776	E	MLI	0140W 2235N	180F3	100	ND	300	H	2	
87,776	KOUTIALA	MLI	0528W 1223N	180F3	100	ND	300	H	3	
87,776	FUNHALOURO	MOZ	3427E 2307S	180F3	50	ND	75	H	3	
87,776	VILA PERY	MOZ	3329E 1907S	180F3	50	ND	150	H	3	
87,776	A	MTN	1511W 2020N	180F3	100	ND	300	H	4	
87,776	E	MTN	1105W 2555N	180F3	10	ND	300	H	2	
87,776	N	MTN	0542W 1703N	180F3	100	ND	300	H	3	
87,776	L	NGR	1525E 1830N	180F3	100	ND	300	H	3	
87,776	IBI	NIG	1040E 0820N	180F3	100	ND	300	H	5	
87,776	CHIPATA	NYA	3355E 1304S	180F3	100	ND	150	H	3	
87,776	SAINT GILLES	REU	5515E 2102S	180F3	0,3	ND	300	H	4	
87,776	LUSANGO S	RHN	2600E 1440S	180F3	100	ND	150	H	3	
87,776	SHAKWANKI SPRI	RHS	2620E 1915S	180F3	100	ND	150	H	3	
87,776	SEDO ABAS	SEN	1327W 1547N	180F3	10	ND	300	H	4	
87,776	BULO BURTI	SOM	4535E 0351N	180F3	10	ND	200	H	2	
87,776	BOUSSO	TCD	1625E 1029N	180F3	100	ND	300	H	3	
87,776	I	TCD	2247E 1623N	180F3	100	ND	300	H	3	
87,776	MAO	TCD	1519E 1407N	180F3	100	ND	300	H	3	
87,776	MBEYA	TGK	3330E 0850S	180F3	100	ND	1200	H	3	
87,776	SHINYANGA	TGK	3325E 0340S	180F3	100	ND	150	H	3	
87,800	BOUGIE	ALG	0501E 3644N	180F3	1	D	300	H	1	11
87,800	EL AGHELA	LBY	1925E 3015N	180F3	0,9	ND	300	H	2	11
87,850	BENGHAZI	LBY	2005E 3207N	180F3	50	ND	150	H	2	11
87,862	DEELFONTEIN	AFS	2356E 3107S	200F3	38	ND	300	H	6	
87,862	DUBLIN	AFS	3040E 2427S	200F3	38	ND	750	H	6	

1	2	3	4	5	6	7	8	9	10A	10B
87,862	S34	AFS	1512E 2030S	200F3	40	ND	300	H	2	
87,862	PAIVA COUCEIRO	AGL	1433E 1450S	180F3	50	ND	75	H	3	
87,862	LUANIKA	CGO	1425E 0535S	180F3	100	ND	300	H	3	
87,862	LOMIE	CME	1338E 0310N	180F3	100	ND	300	H	5	
87,862	OMIE	CME	1424E 0749N	180F3	100	ND	600	H	5	
87,862	CRUZ DE TEJEDA	CNR	1531W 2759N	180F3	72	ND	300	H	4	
87,862	SOUBRE	CTI	0636W 0546N	180F3	100	ND	300	H	5	
87,862	QENA	EGY	3243E 2610N	180F3	200	ND	150	H	2	
87,862	GURAFARDA	ETH	3456E 0651N	180F3	10	ND	600	H	6	
87,862	FRANCEVILLE	GAB	1333E 0136S	180F3	100	ND	300	H	5	
87,862	LEKONI	GAB	1414E 0135S	180F3	100	ND	300	H	5	
87,862	AJANGOTE	GHA	0010W 0535N	180F3	50	ND	250	H	5	
87,862	SANISSIA	GUI	1019W 1047N	180F3	100	ND	300	H	3	
87,862	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
87,862	MIARINARIVO	MDG	4814E 1637S	180F3	50	ND	300	H	3	
87,862	TANANARIVE	MDG	4731E 1856S	180F3	0,5	ND	300	H	3	
87,862	TULEAR	MDG	4346E 2328S	180F3	50	ND	300	H	3	
87,862	DOUENTZA	MLI	0258W 1458N	180F3	100	ND	600	H	3	
87,862	I	MLI	0430W 2020N	180F3	100	ND	300	H	2	
87,862	YELIMANE	MLI	1034W 1507N	180F3	100	ND	300	H	3	
87,862	ATAR	MTN	1306W 2030N	180F3	100	ND	300	H	4	
87,862	EL MILHEAS	MTN	0654W 2453N	180F3	100	ND	300	H	2	
87,862	H	MTN	0536W 2505N	180F3	100	ND	300	H	2	
87,862	BENIN	NIG	0537E 0619N	180F3	100	ND	300	H	5	
87,862	MUBI	NIG	1318E 1019N	180F3	100	ND	300	H	3	
87,862	MONGU	RHN	2308E 1515S	180F3	100	ND	150	H	3	
87,862	RUFUNSA	RHN	2935E 1503S	180F3	100	ND	150	H	3	
87,862	BELINGWE	RHS	2955E 2038S	180F3	100	ND	150	H	3	
87,862	DINSOR	SOM	4300E 0225N	180F3	0,5	ND	60	H	2	
87,862	SINGAKO	TCD	1928E 0951N	180F3	100	ND	300	H	5	
87,862	KIGOMA	TGK	2940E 0450S	180F3	100	ND	300	H	3	
87,948	COLIGNY	AFS	2610E 2623S	200F3	38	ND	300	H	6	
87,948	ENGCOBO	AFS	2744E 3142S	200F3	38	ND	300	H	6	
87,948	PIQUETBERG	AFS	1844E 3250S	200F3	38	ND	200	H	1	
87,948	S4	AFS	1802E 2715S	200F3	40	ND	300	H	2	
87,948	S30	AFS	1835E 2130S	200F3	40	ND	300	H	2	

PLAN POUR LES STATIONS DE RADIODIFFUSION SONORE DANS LA BANDE DE FRÉQUENCES 87,5-100 MHz

PLAN FOR SOUND BROADCASTING STATIONS IN THE FREQUENCY BAND 87.5-100 Mc/s

PLAN PARA LAS ESTACIONES DE RADIODIFUSIÓN SONORA EN LA BANDA DE FRECUENCIAS 87,5-100 Mc/s

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zone climática	10B Observations *Remarks* Observaciones
87,948	CUANGO	AGL	1633E 0614S	180F3	50	ND	150	H	3	
87,948	KIRIMA	AGL	1805E 1030S	180F3	50	ND	75	H	3	
87,948	BANGASSOU	CAF	2250E 0444N	180F3	100	ND	300	H	5	
87,948	ANGO	CGO	2550E 0402N	180F3	100	ND	300	H	5	
87,948	BOLOBO	CGO	1615E 0228S	180F3	100	ND	300	H	3	
87,948	KABINDA	CGO	2426E 0608S	180F3	100	ND	300	H	3	
87,948	KOLWEZI	CGO	2527E 1047S	180F3	100	ND	300	H	3	
87,948	LOVO	CGO	2552E 0128S	180F3	100	ND	300	H	3	
87,948	BAMENDA	CME	1009E 0556N	180F3	200	ND	300	H	5	
87,948	OUESSO	COG	1602E 0140N	180F3	100	ND	300	H	5	
87,948	GR COMORE C	COM	4318E 1137S	180F3	1	ND	700	H	4	
87,946	ABIDJAN	CTI	0401W 0526N	180F3	100	ND	300	H	5	
87,948	KOROGHO	CTI	0539W 0927N	180F3	100	ND	300	H	5	
87,948	ABOMEY CALAVI	DAH	0225E 0630N	180F3	100	ND	300	H	3	
87,948	TANGUIETA	DAH	0118E 1036N	180F3	100	ND	300	H	3	
87,948	OYEM	GAB	1136E 0140N	180F3	100	ND	300	H	5	
87,948	MORONDAVA	MDG	4417E 2017S	180F3	100	ND	300	H	3	
87,948	MABROUK	MLI	0115W 1930N	180F3	100	ND	300	H	2	
87,948	MOURDHIA	MLI	0727W 1459N	180F3	100	ND	300	H	3	
87,948	V.DE JOAO BELO	MOZ	3338E 2503S	180F3	50	ND	75	H	3	
87,948	LEGAT	MTN	1450W 1646N	180F3	10	ND	300	H	4	
87,948	ZARIA	NIG	0740E 1100N	180F3	10	ND	300	H	3	
87,948	MWILA E	RHN	3240E 1125S	180F3	100	ND	150	H	3	
87,948	VELINGARA	SEN	1406W 1309N	180F3	15	ND	300	H	4	
87,948	VICTORIA	SEY	5529E 0443S	180F3	5	ND	600	H	2	
87,948	MASSAKORY	TCD	1544E 1300N	180F3	100	ND	300	H	3	
87,948	MOISSALA	TCD	1746E 0820N	180F3	100	ND	300	H	5	
87,948	TABORA	TGK	3250E 0500S	180F3	100	ND	150	H	3	
87,948	TANGA	TGK	3908E 0505S	180F3	100	ND	1200	H	3	
88,000	TIZI OUZOU	ALG	0403E 3644N	180F3	*	ND	600	H	1	* 0,05 KW 11
88,000	CAIRO	EGY	3115E 3003N	180F3	1	ND	30	H	2	11
88,000	KHENIFRA 1	MRC	0540W 3253N	180F3	1	ND	750	H	2	11
88,034	S57	AFS	1340E 1810S	200F3	40	ND	300	H	2	
88,034	SKEURBERG	AFS	2215E 2815S	200F3	38	ND	300	H	2	
88,034	UNIONDALE	AFS	2254E 3338S	200F3	38	ND	600	H	6	
88,034	VOLKSRUST	AFS	2950E 2712S	200F3	38	ND	300	H	6	

1	2	3	4	5	6	7	8	9	10A	10B
88,034	FT SIBUT	CAF	1905E 0544N	180F3	100	ND	300	H	5	
88,034	BASANKUSU	CGO	1948E 0113N	180F3	100	ND	300	H	5	
88,034	BUKAVU	CGO	2852E 0220S	180F3	100	ND	300	H	3	
88,034	LUKOLAMA	CGO	1953E 0234S	180F3	100	ND	300	H	3	
88,034	MBOI	CGO	2154E 0656S	180F3	100	ND	300	H	3	
88,034	PAULIS	CGO	2738E 0246N	180F3	100	ND	300	H	5	
88,034	SAKANIA	CGO	2831E 1241S	180F3	100	ND	300	H	3	
88,034	BERTOUA	CME	1341E 0433N	180F3	100	ND	500	H	5	
88,034	PRAIA	CPV	2331W 1455N	180F3	100	ND	75	H	4	
88,034	MT TONKOUI	CTI	0738W 0727N	180F3	100	ND	600	H	5	
88,034	ASBE TAFARI	ETH	4054E 0901N	180F3	60	ND	1200	H	6	
88,034	DOLO	ETH	4205E 0410N	180F3	3	ND	150	H	2	
88,034	BANTALA	GHA	0145W 0940N	180F3	50	ND	100	H	5	
88,034	TELIMELE	GUI	1304W 1052N	180F3	100	ND	600	H	3	
88,034	AMBALANIRANA	MDG	5000E 1351S	180F3	100	ND	600	H	3	
88,034	KANDREHO	MDG	4605E 1728S	180F3	100	ND	300	H	3	
88,034	KIDAL	MLI	0120E 1825N	180F3	100	ND	300	H	2	
88,034	KOURAGUE	MLI	1003W 1220N	180F3	100	ND	600	H	3	
88,034	LANFIERA	MLI	0409W 1330N	180F3	100	ND	300	H	3	
88,034	B	MTN	1432W 2120N	180F3	100	ND	300	H	4	
88,034	G	MTN	0835W 2705N	180F3	10	ND	300	H	2	
88,034	J	MTN	0658W 2222N	180F3	100	ND	300	H	2	
88,034	MBOUT	MTN	1235W 1601N	180F3	10	ND	300	H	4	
88,034	DOSSO	NGR	0312E 1303N	180F3	100	ND	300	H	3	
88,034	DUKWA	NIG	1030E 1040N	180F3	100	ND	300	H	3	
88,034	ILORIN	NIG	0433E 0832N	180F3	100	ND	300	H	5	
88,034	OBBIA	SOM	4830E 0520N	180F3	0,5	ND	70	H	2	
88,034	MELFI	TCD	1754E 1104N	180F3	100	ND	600	H	3	
88,034	OUANTAGOI	TCD	1635E 2136N	180F3	100	ND	300	H	2	
88,120	BLOEMFONTEIN	AFS	2614E 2906S	200F3	100	ND	300	H	6	
88,120	S16	AFS	1750E 2410S	200F3	40	ND	300	H	2	
88,120	S52	AFS	1707E 1856S	200F3	40	ND	300	H	2	
88,120	S68	AFS	2435E 1750S	200F3	40	ND	300	H	2	
88,120	SPRINGBOK	AFS	1758E 2946S	200F3	38	ND	300	H	2	
88,120	MONTE VERDE	AGL	1641E 0836S	180F3	50	ND	150	H	3	
88,120	BERBERATI	CAF	1534E 0403N	180F3	100	ND	300	H	5	

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1	2	3	4	5	6	7	8	9	10A	10B
88,120	ISANGI	CGO	2410E 0046N	180F3	100	ND	300	H	5	
88,120	EKONAKO	CME	0841E 0501N	180F3	200	ND	300	H	5	
88,120	NANGA EBOKO	CME	1225E 0434N	180F3	100	ND	300	H	5	
88,120	BOKATA	COG	1710E 0027S	180F3	100	ND	300	H	5	
88,120	TANFROFOU	CTI	0407W 0618N	180F3	100	ND	300	H	5	
88,120	ATCHERIGBE	DAH	0205E 0735N	180F3	100	ND	300	H	3	
88,120	TOR	EGY	3339E 2814N	180F3	100	ND	150	H	2	
88,120	PT GENTIL	GAB	0842E 0042S	180F3	100	ND	300	H	5	
88,120	TYABOANDOU	HVO	0018W 1251N	180F3	100	ND	300	H	3	
88,120	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
88,120	VOHIDRAZANA	MDG	4831E 1858S	180F3	500	ND	600	H	3	
88,120	TEMERA	MLI	0056W 1700N	180F3	100	ND	300	H	3	
88,120	TIMBEDRA	MTN	0812W 1616N	180F3	100	ND	300	H	3	
88,120	C	NGR	0504E 1740N	180F3	100	ND	300	H	3	
88,120	MARADI	NGR	0706E 1331N	180F3	100	D	300	H	3	74/90/270/5
88,120	NGUIGMI	NGR	1310E 1414N	180F3	100	ND	300	H	3	
88,120	KEFFI	NIG	0750E 0930N	180F3	25	ND	300	H	5	
88,120	FORT JAMESON	RHN	3236E 1335S	180F3	100	ND	150	H	3	
88,120	UMTALI	RHS	3237E 1857S	180F3	100	ND	150	H	3	
88,120	LINGUERE	SEN	1507W 1524N	180F3	100	ND	300	H	4	
88,120	BUR ACABA	SOM	4405E 0250N	180F3	0,1	ND	50	H	2	
88,120	HARGHEISA	SOM	4402E 0935N	180F3	100	ND	480	H	2	
88,120	BIGBEND	SWZ	3158E 2647S	180F3	5	ND	300	H	3	
88,120	D	TCD	1911E 2046N	180F3	100	ND	300	H	2	
88,120	SEIFOU	TCD	2140E 1115N	180F3	100	ND	300	H	3	
88,120	KILWA	TGK	3925E 0840S	180F3	100	ND	150	H	3	
88,200	CAIRO	EGY	3115E 3003N	180F3	1	ND	30	H	2	11
88,206	BULWER	AFS	2945E 2948S	200F3	38	ND	600	H	3	
88,206	NABOOMSPRUIT	AFS	2834E 2436S	200F3	38	ND	200	H	6	
88,206	S47	AFS	2040E 1945S	200F3	40	ND	300	H	2	
88,206	WILLISTON	AFS	2112E 3102S	200F3	38	ND	300	H	6	
88,206	CABINDA	AGL	1211E 0532S	180F3	100	ND	150	H	3	
88,206	SA DA BANDEIRA	AGL	1330E 1454S	180F3	100	ND	150	H	3	
88,206	VILLA CISNEROS	AOE	1558W 2343N	180F3	1	ND	75	H	4	
88,206	OBO	CAF	2626E 0522N	180F3	100	ND	300	H	5	
88,206	BAFWASENDE	CGO	2713E 0107N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
88,206	IDIOFA	CGO	1925E 0450S	180F3	100	ND	300	H	3	
88,206	KILWA	CGO	2809E 0908S	180F3	100	ND	300	H	3	
88,206	LIBENGE	CGO	1837E 0338N	180F3	100	ND	300	H	5	
88,206	KONTCHA	CME	1214E 0758N	180F3	200	ND	300	H	5	
88,206	SANGMELIMA	CME	1157E 0256N	180F3	100	ND	300	H	5	
88,206	VALVERDEHIERRO	CNR	1758W 2750N	180F3	1	ND	75	H	4	
88,206	QUOREM	ETH	3932E 1231N	180F3	60	ND	1200	H	6	
88,206	KOULAMOUTOU	GAB	1333E 0136S	180F3	100	ND	300	H	5	
88,206	NKABIN	GHA	0135W 0620N	180F3	50	ND	150	H	5	
88,206	BATHURST	GMB	1640W 1325N	180F3	25	ND	300	H	4	
88,206	DOUAKO	GUI	1011W 0944N	180F3	100	ND	300	H	5	
88,206	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
88,206	GREENVILLE	LBR	0902W 0501N	180F3	20	ND	100	H	4	
88,206	KARIANGA	MDG	4723E 2225S	180F3	50	ND	300	H	3	
88,206	POSTEROMARTINA	MDG	4600E 1935S	180F3	100	ND	600	H	3	
88,206	KAYES	MLI	1125W 1423N	180F3	100	ND	600	H	3	
88,206	L	MLI	0030E 2030N	180F3	100	ND	300	H	2	
88,206	INHAMBANE	MOZ	3524E 2352S	180F3	100	ND	75	H	3	
88,206	F	MTN	0827W 2540N	180F3	100	ND	300	H	2	
88,206	IJEBU ODE	NIG	0355E 0649N	180F3	100	ND	300	H	5	
88,206	ZOMBA	NYA	3520E 1520S	180F3	100	ND	600	H	3	
88,206	LUSAKA	RHN	2822E 1526S	180F3	100	ND	150	H	3	
88,206	FT ARCHAMBAULT	TCD	1824E 0909N	180F3	100	ND	300	H	5	
88,206	NJOMBE	TGK	3445E 0920S	180F3	100	ND	300	H	3	
88,292	CRADOCK	AFS	2539E 3155S	200F3	38	ND	400	H	6	
88,292	GENESA	AFS	2404E 2630S	200F3	38	ND	200	H	2	
88,292	KOMATIPOORT	AFS	3147E 2513S	200F3	38	ND	200	H	3	
88,292	S28	AFS	1650E 2140S	200F3	40	ND	300	H	2	
88,292	ALEMBA	AGL	1632E 1010S	180F3	50	ND	75	H	3	
88,292	MAQUELA ZOMBO	AGL	1507E 0603S	180F3	100	ND	150	H	3	
88,292	PEREIRA DECA	AGL	1548E 1704S	180F3	50	ND	150	H	3	
88,292	BONDO	CGO	2348E 0340N	180F3	100	ND	300	H	5	
88,292	DILOLO	CGO	2227E 1028S	180F3	100	ND	300	H	3	
88,292	IKELA	CGO	2305E 0107S	180F3	100	ND	300	H	3	
88,292	NGAOUNDERE	CME	1333E 0716N	180F3	100	ND	300	H	5	
88,292	PT DEL ROSARIO	CNR	1350W 2817N	180F3	5	ND	75	H	4	

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88,292	ISMALAGHIORGIS	ETH	3655E 1136N	180F3	60	ND	600	H	6	
88,292	WULEHE	GHA	0000W 0832N	180F3	50	ND	100	H	5	
88,292	BENENITRA	MDG	4509E 2325S	180F3	100	ND	600	H	3	
88,292	ARAOUANE	MLI	0330W 1855N	180F3	100	ND	300	H	2	
88,292	D	MTN	1237W 2324N	180F3	50	ND	300	H	4	
88,292	TICHIT	MTN	0929W 1829N	180F3	100	ND	300	H	2	
88,292	B	NGR	0438E 1610N	180F3	100	ND	300	H	3	
88,292	BIRIRI	NIG	1140E 1210N	180F3	100	ND	300	H	3	
88,292	NSAMBO	RHN	2957E 1047S	180F3	100	ND	150	H	3	
88,292	MUSHUNGAYENDI	RHS	3016E 1622S	180F3	100	ND	150	H	3	
88,292	TRIANGLE	RHS	3126E 2102S	180F3	100	ND	150	H	3	
88,292	KOLDA	SEN	1459W 1254N	180F3	10	ND	300	H	4	
88,292	FREETOWN	SRL	1317W 0830N	180F3	50	ND	150	H	5	
88,292	ABECHE	TCD	2051E 1348N	180F3	100	ND	300	H	3	
88,292	MBARARA	UGA	3045E 0040S	180F3	100	ND	300	H	3	
88,300	SAIDA	ALG	0006E 3450N	180F3	0,1	ND	500	H	1	11
88,378	FRANKFORT	AFS	2808E 2729S	200F3	38	ND	300	H	6	
88,378	HEIDELBERG	AFS	2102E 3400S	200F3	38	ND	300	H	1	
88,378	CUANGAR	AGL	1831E 1720S	180F3	50	ND	38	H	3	
88,378	A	CAF	2435E 0745N	180F3	100	ND	300	H	5	
88,378	KAHEMBA	CGO	1900E 0730S	180F3	100	ND	300	H	3	
88,378	KALIMA	CGO	2632E 0236S	180F3	100	ND	300	H	3	
88,378	TITULE	CGO	2532E 0314N	180F3	100	ND	300	H	5	
88,378	BAFOUSSAM	CME	1025E 0527N	180F3	100	ND	600	H	5	
88,378	GAMBUNA	COG	1552E 0157S	180F3	100	ND	300	H	5	
88,378	IMPFONDO	COG	1803E 0140N	180F3	100	ND	300	H	5	
88,378	PARAKOU	DAH	0238E 0920N	180F3	100	ND	300	H	3	
88,378	ASMARA	ETH	3856E 1521N	180F3	60	ND	600	H	6	
88,378	NEGHELLI	ETH	3915E 0619N	180F3	60	ND	600	H	6	
88,378	SULULTA	ETH	3822E 0919N	180F3	60	ND	1200	H	6	
88,378	ESSONE	GAB	1113E 0040N	180F3	100	ND	300	H	5	
88,378	KUNTAUR	GMB	1450W 1332N	180F3	25	ND	300	H	4	
88,378	AMBORAMPOTSY	MDG	4619E 2041S	180F3	100	ND	600	H	3	
88,378	BESALAMPY	MDG	4429E 1645S	180F3	50	ND	300	H	3	
88,378	ESIRATRAFONOMB	MDG	4643E 2433S	180F3	100	ND	600	H	3	
88,378	KE MACINA	MLI	0521W 1358N	180F3	100	ND	300	H	2	
88,378	MABOTE	MOZ	3410E 2200S	180F3	50	ND	75	H	3	
88,378	MUNGARI	MOZ	3330E 1710S	180F3	50	ND	75	H	3	
88,378	M	MTN	0543W 1815N	180F3	100	ND	300	H	2	
88,378	MZUZU	NYA	3400E 1126S	180F3	100	ND	150	H	3	
88,378	ETANG SALE	REU	5521E 2116S	180F3	0,3	ND	300	H	4	
88,378	SOLWEZI	RHN	2625E 1210S	180F3	100	ND	150	H	3	
88,378	KAMATIVI MINE	RHS	2700E 1820S	180F3	100	ND	150	H	3	
88,378	KEDOUGOU	SEN	1223W 1232N	180F3	25	D	500	H	4	74/140/270/4
88,378	KENEMA	SRL	1110W 0750N	180F3	50	ND	300	H	5	
88,378	B	TCD	1532E 1636N	180F3	100	ND	300	H	3	
88,378	BOKORO	TCD	1703E 1223N	180F3	100	ND	300	H	3	
88,378	MUSOMA	TGK	3355E 0135S	180F3	100	ND	150	H	3	
88,400	ARBAOUA 1	MRC	0549W 3453N	180F3	10	ND	250	H	2	11
88,464	GRIQUATOWN	AFS	2325E 2905S	200F3	38	ND	250	H	6	
88,464	NONGOMO	AFS	3120E 2757S	200F3	38	ND	750	H	3	
88,464	S14	AFS	1610E 2350S	200F3	40	ND	300	H	2	
88,464	S50	AFS	1500E 1850S	200F3	40	ND	300	H	2	
88,464	S66	AFS	2235E 1755S	200F3	40	ND	300	H	2	
88,464	SIBASA	AFS	3013E 2250S	200F3	38	ND	450	H	6	
88,464	CACONDA	AGL	1504E 1344S	180F3	50	ND	150	H	3	
88,464	QUIBAXE	AGL	1436E 0830S	180F3	50	ND	300	H	3	
88,464	USUMBURA	BDI	2921E 0323S	180F3	100	ND	300	H	5	14
88,464	ALINDAO	CAF	2118E 0502N	180F3	100	ND	300	H	5	
88,464	DUYE	CGO	2858E 0149N	180F3	100	ND	300	H	5	
88,464	KAPANGA KATANG	CGO	2245E 0825S	180F3	100	ND	300	H	3	
88,464	YASA	CGO	2112E 0341S	180F3	100	ND	300	H	3	
88,464	GAROUA	CME	1328E 0924N	180F3	100	ND	600	H	5	
88,464	MBANG	CME	1416E 0358N	180F3	100	ND	300	H	5	
88,464	MOUYOUNDZI	COG	1357E 0400S	180F3	100	ND	300	H	5	
88,464	ASWAN	EGY	3257E 2404N	180F3	200	ND	150	H	2	
88,464	GORE	ETH	3532E 0809N	180F3	10	ND	600	H	6	
88,464	POTWIA	GHA	0022E 0720N	180F3	50	ND	120	H	5	
88,464	OUAGADOUGOU	HVO	0131W 1221N	180F3	100	ND	300	H	3	
88,464	H	MLI	0540W 2200N	180F3	100	ND	300	H	2	
88,464	TOMBOUCTOU	MLI	0301W 1647N	180F3	100	ND	300	H	2	
88,464	MARRUPA	MOZ	3730E 1312S	180F3	50	ND	75	H	3	

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88,464	KANKOSSA	MTN	1131W	1556N	180F3	10	ND	300	H	3	
88,464	KABBA	NIG	0600E	0740N	180F3	100	ND	300	H	5	
88,464	SOKOTO	NIG	0516E	1301N	180F3	100	ND	300	H	3	
88,464	QUE QUE	RHS	2946E	1855S	180F3	10	ND	150	H	3	
88,464	GALLABAT	SDN	3615E	1315N	180F3	100	ND	300	H	6	14
88,464	OUAOU	SDN	2800E	0735N	180F3	100	ND	300	H	5	14
88,464	DJIBOUTI	SMF	4309E	1135N	180F3	0,1	ND	75	H	2	
88,464	ABOUDEIA	TCD	1916E	1126N	180F3	100	ND	600	H	3	
88,500	CAIRO	EGY	3115E	3003N	180F3	1	ND	30	H	2	11
88,500	ZUARA	LBY	1205E	3255N	180F3	10	ND	150	H	2	11
88,550	BITTERFONTEIN	AFS	1831E	3056S	200F3	38	ND	300	H	1	
88,550	BOSMANSKOP	AFS	2713E	2959S	200F3	38	ND	300	H	6	
88,550	S13	AFS	1850E	2510S	200F3	40	ND	300	H	2	
88,550	S45	AFS	1835E	1935S	200F3	40	ND	300	H	2	
88,550	WONDERBOOM	AFS	2615E	2445S	200F3	38	ND	300	H	6	
88,550	BIRAO	CAF	2247E	1016N	180F3	100	ND	300	H	5	
88,550	KAMBA ORO	CAF	1651E	0340N	180F3	100	ND	300	H	5	
88,550	RAFAI	CAF	2358E	0459N	180F3	100	ND	300	H	5	
88,550	BIKORO	CGO	1808E	0040S	180F3	100	ND	300	H	3	
88,550	BUKAMA	CGO	2550E	0912S	180F3	100	ND	300	H	3	
88,550	STANLEYVILLE	CGO	2511E	0030N	180F3	100	ND	300	H	5	
88,550	ADZOPE	CTI	0351W	0606N	180F3	100	ND	300	H	5	
88,550	SHASHAMANE	ETH	3835E	0712N	180F3	60	ND	1200	H	6	
88,550	PT IRADIER	GNE	0942E	0104N	180F3	1	ND	150	H	5	
88,550	MAMOU	GUI	1206W	1022N	180F3	100	ND	300	H	3	
88,550	DIAPAGA	HVO	0147E	1204N	180F3	200	ND	300	H	3	
88,550	MARIAKANI	KEN	3928E	0355S	180F3	100	ND	600	H	3	
88,550	BUCHANAN	LBR	1003W	0553N	180F3	10	ND	100	H	4	
88,550	8 MAKOTAOLANA	MDG	4841E	1436S	180F3	50	ND	300	H	3	
88,550	MORONGA	MDG	4916E	1806S	180F3	50	ND	300	H	3	
88,550	GAO	MLI	0002W	1616N	180F3	100	ND	300	H	3	
88,550	NARA	MLI	0717W	1510N	180F3	100	ND	300	H	2	
88,550	BEL GUERDANE	MTN	1031W	2524N	180F3	100	ND	300	H	2	
88,550	PETITE ILE	REU	5533E	2119S	180F3	0,3	ND	700	H	4	
88,550	NAKONDE	RHN	3247E	0916S	180F3	100	ND	150	H	3	
88,550	CHIPINGA	RHS	3232E	2012S	180F3	100	ND	150	H	3	

1	2	3	4		5	6	7	8	9	10A	10B
88,550	KELO	TCD	1548E	0925N	180F3	100	ND	300	H	5	
88,550	RIG RIG	TCD	1421E	1416N	180F3	100	ND	300	H	3	
88,600	BONE	ALG	0738E	3654N	180F3	20	ND	600	H	1	11
88,636	BELFAST	AFS	3003E	2525S	200F3	38	ND	350	H	6	
88,636	C91	AFS	2212E	2632S	200F3	38	ND	150	H	2	
88,636	S32	AFS	1435E	2110S	200F3	40	ND	300	H	2	
88,636	THREE SISTERS	AFS	2309E	3156S	200F3	38	ND	300	H	6	
88,636	CHIVEMBA	AGL	1445E	1527S	180F3	50	ND	75	H	3	
88,636	KIBALA	AGL	1447E	1037S	180F3	50	ND	150	H	3	
88,636	NOQUI	AGL	1325E	0551S	180F3	50	ND	150	H	3	
88,636	NOVA CHAVES	AGL	2103E	1027S	180F3	50	ND	75	H	3	
88,636	AUSSERD	AOE	1418W	2317N	180F3	1	ND	150	H	4	
88,636	GHANZI	BCH	2330E	2200S	180F3	10	ND	300	H	2	
88,636	BAMINGUI	CAF	2009E	0731N	180F3	100	ND	300	H	5	
88,636	ALBERTVILLE	CGO	2911E	0554S	180F3	100	ND	300	H	3	
88,636	BUSINGA	CGO	2058E	0316N	180F3	100	ND	300	H	5	
88,636	LUEBO	CGO	2122E	0520S	180F3	100	ND	300	H	3	
88,636	MONKOTO	CGO	2035E	0138S	180F3	100	ND	300	H	3	
88,636	TIBATI	CME	1237E	0627N	180F3	100	ND	300	H	5	
88,636	LAS PALMAS	CNR	1525W	2808N	180F3	5	ND	75	H	4	
88,636	GR COMORE W	COM	4314E	1145S	180F3	1	ND	300	H	4	
88,636	NAG HAMADI	EGY	3218E	2602N	180F3	100	ND	150	H	2	
88,636	EL CARRE	ETH	4210E	0550N	180F3	10	ND	150	H	6	
88,636	GUBBA	ETH	3524E	1115N	180F3	3	ND	600	H	6	
88,636	TENDAHO	ETH	4057E	1142N	180F3	3	ND	600	H	2	
88,636	MINKEBE	GAB	1246E	0151N	180F3	100	ND	300	H	5	
88,636	BEYLA	GUI	0839W	0842N	180F3	100	ND	300	H	5	
88,636	TIMBOROA	KEN	3530E	0005N	180F3	100	ND	1200	H	3	
88,636	TSIAFAJAYONA	MDG	4716E	1920S	180F3	50	ND	600	H	3	
88,636	J	MLI	0430W	1900N	180F3	100	ND	300	H	2	
88,636	KORO	MLI	0305W	1404N	180F3	100	ND	300	H	3	
88,636	MENAKA	MLI	0217E	1557N	180F3	100	ND	300	H	2	
88,636	VILA JUNQUEIRO	MOZ	3659E	1528S	180F3	50	ND	150	H	3	
88,636	POTISKUM	NIG	1030E	1130N	180F3	100	ND	300	H	3	
88,636	WARRI	NIG	0544E	0531N	180F3	100	ND	300	H	5	
88,636	SAINT ANDRE	REU	5537E	2055S	180F3	5	ND	300	H	4	

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1	2	3	4	5	6	7	8	9	10A	10B
88,636	KAWAMBWA	RHN	2905E 0947S	180F3	100	ND	150	H	3	
88,636	SILUANA	RHN	2302E 1650S	180F3	100	ND	150	H	3	
88,636	KARIBA	RHS	2847E 1632S	180F3	100	ND	150	H	3	
88,636	CHISIMAIO	SOM	4232E 0022S	180F3	60	ND	80	H	2	
88,636	ATI	TCD	1820E 1314N	180F3	100	ND	300	H	3	
88,636	DAR ES SALAAM	TGK	3915E 0650S	180F3	100	ND	150	H	3	
88,636	KABALE	UGA	3000E 0120S	180F3	100	ND	150	H	5	
88,700	MILIANA	ALG	0213E 3618N	180F3	*	ND	450	H	1	* 0,05 KW 11
88,700	ORAN	ALG	0046W 3517N	180F3	100	ND	600	H	1	11
88,722	KING WILLIAMS	AFS	2715E 3241S	200F3	38	ND	350	H	6	
88,722	PAARL	AFS	1856E 3343S	200F3	0,3	ND	350	H	1	
88,722	S1	AFS	1800E 2820S	200F3	40	ND	300	H	2	
88,722	S25	AFS	1808E 2225S	200F3	40	ND	300	H	2	
88,722	WOLMARANSTAD	AFS	2603E 2714S	200F3	38	ND	300	H	6	
88,722	SILVA PORTO	AGL	1656E 1223S	180F3	50	ND	75	H	3	
88,722	BOZOUM	CAF	1624E 0620N	180F3	100	ND	300	H	5	
88,722	ABA	CGO	3015E 0353N	180F3	100	ND	300	H	5	
88,722	AKETI	CGO	2356E 0325N	180F3	100	ND	300	H	5	
88,722	KALOKO	CGO	2547E 0647S	180F3	100	ND	300	H	3	
88,722	MULONGA FUNGA	CGO	2529E 1109S	180F3	100	ND	300	H	3	
88,722	NKONGSAMBA	CME	0954E 0500N	180F3	200	ND	600	H	5	
88,722	ANJOUAN N	COM	4425E 1217S	180F3	10	ND	1600	H	4	
88,722	MT NIANGBO	CTI	0511W 0849N	180F3	100	ND	600	H	5	
88,722	MUSTAHIL	ETH	4437E 0517N	180F3	10	D	150	H	2	74/330/90/0,5 74/150/270/0,5
88,722	LIBREVILLE	GAB	0928E 0025N	180F3	100	D	300	H	5	74/240/45/25
88,722	NOVA LAMEGO	GNP	1414W 1217N	180F3	5	ND	75	H	4	
88,722	DORI	HVO	0002W 1402N	180F3	100	ND	300	H	3	
88,722	EJEDA	MDG	4431E 2420S	180F3	100	ND	300	H	3	
88,722	TOUGOUNI	MLI	0713W 1313N	180F3	100	ND	300	H	3	
88,722	MUEDA	MOZ	3933E 1140S	180F3	50	ND	300	H	3	
88,722	BIRNI LALLE	NGR	0716E 1425N	180F3	100	ND	300	H	3	
88,722	KAFANCHAN	NIG	0820E 0940N	180F3	100	ND	300	H	5	
88,722	TROIS BASSINS	REU	5518E 2106S	180F3	0,3	ND	900	H	4	
88,722	MPIKA	RHN	3125E 1150S	180F3	100	ND	150	H	3	
88,722	SESHEKE	RHN	2420E 1725S	180F3	100	ND	150	H	3	

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88,722	INYANGA	RHS	3248E 1757S	180F3	100	ND	300	H	3	
88,722	FANAYE DIERI	SEN	1514W 1632N	180F3	10	ND	300	H	4	
88,722	GARDO	SOM	4905E 0930N	180F3	0,2	ND	70	H	2	
88,722	AM DAM	TCD	2028E 1246N	180F3	100	ND	300	H	3	
88,722	BASSARI	TGO	0046E 0914N	180F3	100	ND	300	H	5	
88,800	KABYLIE AKFADO	ALG	0434E 3638N	180F3	50	ND	1200	H	1	11
88,800	CASABLANCA 3	MRC	0735W 3322N	180F3	1	ND	45	H	2	11
88,808	HISHWAH	ADN	4457E 1250N	180F3	5	ND	150	H	4	13
88,808	GLENCOE	AFS	2956E 2809S	200F3	38	ND	300	H	3	
88,808	KENHARDT	AFS	2127E 2910S	200F3	38	ND	300	H	2	
88,808	S48	AFS	1250E 1850S	200F3	40	ND	300	H	2	
88,808	S64	AFS	2030E 1802S	200F3	40	ND	300	H	2	
88,808	SWARTWATER	AFS	2815E 2250S	200F3	38	ND	300	H	6	
88,808	AMBRIZ	AGL	1304E 0750S	180F3	50	ND	38	H	3	
88,808	BENGUELA	AGL	1325E 1235S	180F3	50	ND	75	H	3	
88,808	DUNDO	AGL	2051E 0720S	180F3	100	ND	150	H	3	
88,808	M ESCAIQUIMA	AOE	0914W 2726N	180F3	1	ND	75	H	2	
88,808	FT DE POSSEL	CAF	1913E 0503N	180F3	100	ND	300	H	5	
88,808	BOLOMBA	CGO	1915E 0045N	180F3	100	ND	300	H	5	
88,808	KAPONGOLO	CGO	2812E 0751S	180F3	100	ND	300	H	3	
88,808	OSHWE	CGO	1935E 0323S	180F3	100	ND	300	H	3	
88,808	YAOUNDE	CME	1129E 0354N	180F3	100	ND	600	H	5	
88,808	DOLISIE	COG	1240E 0410S	180F3	100	ND	300	H	5	
88,808	METELO	CTI	0809W 0653N	180F3	100	ND	300	H	5	
88,808	BOOUE	GAB	1156E 0001S	180F3	100	ND	300	H	5	
88,808	SAKPA	GHA	0215W 0850N	180F3	50	ND	100	H	5	
88,808	BONE	GUI	1130W 1132N	180F3	100	ND	300	H	3	
88,808	SANABA	HVO	0353W 1224N	180F3	100	ND	300	H	3	
88,808	KIRARO MENA	MDG	4603E 1817S	180F3	100	ND	150	H	3	
88,808	TSITENA	MDG	4710E 2127S	180F3	10	ND	300	H	3	
88,808	RASELMA	MLI	0428W 1636N	180F3	100	ND	300	H	2	
88,808	MAGHAMA	MTN	1252W 1532N	180F3	10	ND	300	H	4	
88,808	BOUMBA	NGR	0251E 1225N	180F3	100	ND	300	H	3	
88,808	OGBOMOSHO	NIG	0410E 0810N	180F3	100	ND	300	H	5	
88,808	NKAI	RHS	2852E 1838S	180F3	100	ND	150	H	3	
88,808	SENGA	SDN	3350E 1335N	180F3	100	ND	300	H	6	14

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88,808	H	TCD	2347E 1753N	180F3	100	ND	300	H	3	
88,808	ZOUAR	TCD	1632E 2026N	180F3	100	ND	300	H	2	
88,808	IRINGA	TGK	3545E 0750S	180F3	100	ND	300	H	3	
88,894	LETABA	AFS	3140E 2349S	200F3	38	ND	250	H	6	
88,894	PHILIPPOLIS	AFS	2526E 3004S	200F3	38	ND	300	H	6	
88,894	S11	AFS	1615E 2510S	200F3	40	ND	300	H	2	
88,894	S43	AFS	1630E 1935S	200F3	40	ND	300	H	2	
88,894	MALANGE	AGL	1625E 0930S	180F3	100	ND	75	H	3	
88,894	V.ARTUR PAIVA	AGL	1618E 1428S	180F3	50	ND	75	H	3	
88,894	KEMBE	CAF	2156E 0428N	180F3	100	ND	300	H	5	
88,894	BUNIA	CGO	3012E 0132N	180F3	100	ND	300	H	5	
88,894	KORET	CGO	2323E 0036N	180F3	100	ND	300	H	5	
88,894	LEOPOLOVILLE	CGO	1515E 0420S	180F3	100	ND	300	H	3	
88,894	LUBEFU	CGO	2425E 0448S	180F3	100	ND	300	H	3	
88,894	ULAMBA	CGO	2341E 0909S	180F3	100	ND	300	H	3	
88,894	EDEA	CME	1008E 0347N	180F3	100	ND	300	H	5	
88,894	TCHEVI	CME	1330E 1010N	180F3	100	ND	600	H	5	
88,894	YOKADOUMA	CME	1511E 0325N	180F3	200	ND	300	H	5	
88,894	KELLE	COG	1430E 0004S	180F3	100	ND	300	H	5	
88,894	HURGHADA	EGY	3350E 2715N	180F3	100	ND	150	H	2	
88,894	ASSAB	ETH	4245E 1301N	180F3	3	ND	150	H	4	
88,894	JIGGIGA	ETH	4247E 0920N	180F3	3	ND	300	H	2	
88,894	CONAKRY	GUI	1327W 0946N	180F3	100	D	1200	H	4	74/310/20/10
88,894	KOUPELA	HVO	0021W 1211N	180F3	100	ND	300	H	3	
88,894	SEBHA	LBY	1451E 2700N	180F3	10	ND	150	H	2	
88,894	MORAMANGA	MDG	4815E 1857S	180F3	100	ND	300	H	3	
88,894	BOUGOUNI	MLI	0730W 1126N	180F3	100	ND	300	H	3	
88,894	CHINGUETTI	MTN	1222W 2029N	180F3	100	ND	300	H	4	
88,894	MAINE SOROA	NGR	1203E 1311N	180F3	100	D	300	H	3	74/80/280/5
88,894	ENUGU	NIG	0729E 0620N	180F3	100	ND	75	H	5	
88,894	GUSAU	NIG	0627E 1212N	180F3	100	ND	300	H	3	
88,894	ABERCORN	RHN	3130E 0903S	180F3	100	ND	150	H	3	
88,894	LUKULU	RHN	2313E 1415S	180F3	100	ND	150	H	3	
88,894	PETAUKE	RHN	3115E 1415S	180F3	100	ND	150	H	3	
88,894	GUTU	RHS	3109E 1940S	180F3	100	ND	150	H	3	
88,894	MBACKE	SEN	1555W 1448N	180F3	15	ND	300	H	4	

1	2	3	4	5	6	7	8	9	10A	10B
88,894	JAMESTOWN	SHN	0543W 1536S	180F3	5	ND	600	H	3	
88,894	HARAZE	TCD	2054E 0957N	180F3	100	ND	300	H	5	
88,900	CAIRO	EGY	3115E 3003N	180F3	6,3	D	190	H	2	11
88,900	ELMARS	LBY	2055E 3225N	180F3	10	ND	150	H	2	11
88,900	GHADAMES	LBY	0930E 3010N	180F3	0,9	ND	300	H	2	11
88,900	ZAWIA	LBY	1240E 3245N	180F3	0,9	ND	300	H	2	11
88,980	AROAB	AFS	1935E 2640S	200F3	40	ND	300	H	2	
88,980	MOUNT AYLIFF	AFS	2924E 3050S	200F3	38	ND	600	H	6	
88,980	PRETORIA	AFS	2758E 2542S	200F3	45	ND	300	H	6	
88,980	S39	AFS	2012E 2037S	200F3	40	ND	300	H	2	
88,980	SNYERSPOST	AFS	2051E 3204S	200F3	38	ND	300	H	6	
88,980	CACOLO	AGL	1920E 1020S	180F3	50	ND	75	H	3	
88,980	FRANCISTOWN	BCH	2730E 2120S	180F3	10	ND	300	H	6	
88,980	FESHI	CGO	1808E 0607S	180F3	100	ND	300	H	3	
88,980	INONGO	CGO	1816E 0156S	180F3	100	ND	300	H	3	
88,980	KABALO	CGO	2654E 0602S	180F3	100	ND	300	H	3	
88,980	KABUNDI	CGO	2714E 1006S	180F3	100	ND	300	H	3	
88,980	NKAMBE	CME	1040E 0612N	180F3	200	ND	300	H	5	
88,980	BETOU	COG	1830E 0305N	180F3	100	ND	300	H	5	
88,980	KANDI	DAH	0256E 1108N	180F3	100	ND	300	H	3	
88,980	LEBAMBA	GAB	1132E 0209S	180F3	100	ND	300	H	5	
88,980	MONGOMO	GNE	1118E 0138N	180F3	1	ND	600	H	5	
88,980	MILLIMOU	GUI	1010W 0853N	180F3	100	ND	300	H	5	
88,980	KAMPTI	HVO	0331W 1004N	180F3	200	D	300	H	3	74/130/230/2
88,980	INHARRIME	MOZ	3504E 2429S	180F3	50	ND	38	H	3	
88,980	VILA COUTINHO	MOZ	3419E 1435S	180F3	50	ND	150	H	3	
88,980	ALEG	MTN	1351W 1703N	180F3	100	ND	300	H	4	
88,980	KANO	NIG	0832E 1159N	180F3	100	ND	300	H	3	
88,980	LAGOS	NIG	0327E 0627N	180F3	100	ND	300	H	5	
88,980	MAGOYE	RHN	2735E 1601S	180F3	100	ND	150	H	3	
88,980	OMDURMAN	SDN	3235E 1540N	180F3	100	ND	300	H	3	14
88,980	MOUSSORO	TCD	1630E 1339N	180F3	100	ND	300	H	3	
88,980	MBALE	UGA	3410E 0105N	180F3	100	ND	600	H	3	
89,000	GUELMA	ALG	0724E 3622N	180F3	0,5	ND	1000	H	1	11
89,000	DRIANA	LBY	2025E 3219N	180F3	0,9	ND	300	H	2	11
89,000	HOMS	LBY	1415E 3240N	180F3	10	ND	150	H	2	11

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zona climática	10B Observations *Remarks* Observaciones
89,066	JANSENVILLE	AFS	2457E 3254S	200F3	38	ND	350	H	6	
89,066	KURUMAN	AFS	2328E 2725S	200F3	38	ND	300	H	2	
89,066	S23	AFS	1610E 2235S	200F3	40	ND	300	H	2	
89,066	CAZOMBO	AGL	2255E 1153S	180F3	100	ND	150	H	3	
89.066	DAMBA	AGL	1455E 0633S	180F3	50	ND	150	H	3	
89,066	BATTINGA	CAF	2030E 0630N	180F3	100	ND	300	H	5	
89,066	BAKWANGA	CGO	2335E 0609S	180F3	100	ND	300	H	3	
89,066	DUNGU	CGO	2833E 0337N	180F3	100	ND	300	H	5	
89,066	LISALA	CGO	2130E 0209N	180F3	100	ND	300	H	5	
89,066	LOTO	CGO	2230E 0248S	180F3	100	ND	300	H	3	
89,066	LEKANA	COG	1435E 0219S	180F3	100	ND	600	H	5	
89,066	AMAR COCCHE	ETH	3646E 0510N	180F3	10	ND	1200	H	2	
89,066	BISSAU	GNP	1536W 1152N	180F3	100	ND	75	H	4	
89,066	NZEREKORO	GUI	0849W 0743N	180F3	100	ND	300	H	5	
89,066	PISSILA	HVO	0049W 1310N	180F3	100	ND	300	H	3	
89,066	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
89,066	AMPOSINAMBO	MDG	4805E 2032S	180F3	100	ND	600	H	3	
89,066	MAEVATANANA	MDG	4649E 1658S	180F3	50	ND	300	H	3	
89,066	BOUDIEBEHA	MLI	0245W 1835N	180F3	100	ND	300	H	2	
89,066	G	MLI	0540W 2330N	180F3	100	ND	300	H	2	
89,066	TAMCHAKETT	MTN	1043W 1716N	180F3	100	ND	300	H	3	
89,066	TAHOUA	NGR	0514E 1452N	180F3	100	ND	300	H	3	
89,066	CALABAR	NIG	0819E 0458N	180F3	100	ND	300	H	5	
89,066	MINNA	NIG	0630E 0936N	180F3	25	ND	300	H	5	
89,066	MATAMVE	RHS	3020E 2157S	180F3	100	ND	150	H	3	
89,066	MT DARWIN	RHS	3137E 1652S	180F3	100	ND	150	H	3	
89,066	MT KARISIMBI	RRW	2929E 0132S	180F3	50	ND	2400	H	3	
89,066	KASSALA	SDN	3620E 1520N	180F3	100	ND	300	H	6	14
89,066	MANZINI	SWZ	3122E 2630S	180F3	10	ND	300	H	3	
89,066	TUNDURU	TGK	3720E 1105S	180F3	100	ND	300	H	3	
89,152	HOTSON	AFS	1849E 2905S	200F3	38	ND	300	H	2	
89,152	S62	AFS	1830E 1802S	200F3	40	ND	300	H	2	
89,152	SENEKAL	AFS	2731E 2816S	200F3	38	ND	300	H	6	
89,152	SEMARA	ADE	1138W 2640N	180F3	1	ND	75	H	2	
89,152	BOGANGOLO	CAF	1811E 0532N	180F3	100	ND	300	H	5	
89,152	DOBANE	CAF	2438E 0628N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
89,152	BANNINGVILLE	CGO	1720E 0317S	180F3	100	ND	300	H	3	
89,152	KOLE	CGO	2232E 0324N	180F3	100	ND	300	H	5	
89,152	MANONO	CGO	2726E 0716S	180F3	100	ND	300	H	3	
89,152	PANGI	CGO	2638E 0315S	180F3	100	ND	300	H	3	
89,152	NGAMBE 1	CME	1038E 0421N	180F3	100	ND	300	H	5	
89,152	LONGO	COG	1745E 0009N	180F3	100	ND	300	H	5	
89,152	ZUQUALA	ETH	3853E 0833N	180F3	60	ND	1200	H	6	
89,152	NDJOLE	GAB	1044E 0011S	180F3	100	ND	300	H	5	
89,152	MALI	GUI	1217W 1206N	180F3	100	ND	1200	H	3	
89,152	ANTANIMORA	MDG	4541E 2445S	180F3	100	ND	600	H	3	
89,152	MAROMANDIA	MDG	4810E 1413S	180F3	10	ND	600	H	3	
89,152	VAVATENINA	MDG	4912E 1728S	180F3	100	ND	300	H	3	
89,152	F	MLI	0255W 2255N	180F3	100	ND	300	H	2	
89,152	TABANKORT	MLI	0015E 1749N	180F3	100	ND	300	H	2	
89,152	PT AMELIA	MOZ	4029E 1258S	180F3	100	ND	38	H	5	
89,152	VILA GOUVEIA	MOZ	3310E 1804S	180F3	50	ND	150	H	3	
89,152	KAEDI	MTN	1330W 1609N	180F3	10	ND	300	H	4	
89,152	OUALATA	MTN	0701W 1717N	180F3	100	ND	300	H	3	
89,152	ARAFOU IRISSA	NGR	1446E 2105N	180F3	100	ND	300	H	3	
89,152	ZINDER	NGR	0859E 1349N	180F3	100	ND	300	H	3	
89,152	KASEMPA	RHN	2547E 1323S	180F3	100	ND	150	H	3	
89,152	LUNDAZI	RHN	3310E 1215S	180F3	100	ND	150	H	3	
89,152	WANKIE	RHS	2631E 1825S	180F3	10	ND	150	H	3	
89,152	PORT SOUDAN	SDN	3710E 1935N	180F3	100	ND	300	H	2	14
89,152	ZEILA	SOM	4330E 1120N	180F3	0,5	ND	60	H	2	
89,152	MASSENYA	TCD	1610E 1124N	180F3	100	ND	300	H	3	
89,152	MONGORORO	TCD	2228E 1201N	180F3	100	ND	300	H	3	
89,152	MWANZA	TGK	3250E 0230S	180F3	100	ND	300	H	3	
89,152	GULU	UGA	3220E 0248N	180F3	100	ND	300	H	3	
89,200	ALGER CHREA	ALG	0253E 3626N	180F3	100	ND	1200	H	1	11
89,200	SUEZ	EGY	3231E 3000N	180F3	100	ND	75	H	2	11
89,200	OUJDA 3	MRC	0204W 3444N	180F3	1	ND	500	H	2	11
89,238	ESHOWE	AFS	3118E 2852S	200F3	38	ND	300	H	3	
89,238	PRIESKA	AFS	2241E 3005S	200F3	38	ND	300	H	6	
89,238	S41	AFS	1420E 1950S	200F3	40	ND	300	H	2	
89,238	TURFLOOP	AFS	2958E 2348S	200F3	38	ND	500	H	6	

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89,238	VILA SALAZAR	AGL	1454E 0918S	180F3	50	ND	300	H	3	
89,238	BANZYVILLE	CGO	2110E 0418N	180F3	100	ND	300	H	5	
89,238	BARAKA	CGO	2905E 0409S	180F3	100	ND	300	H	3	
89,238	MAMBASA	CGO	2903E 0121N	180F3	100	ND	300	H	5	
89,238	PORT FRANCQUI	CGO	2077E 0417S	180F3	100	ND	300	H	3	
89,238	ABONGMBANG	CME	1312E 0402N	180F3	100	ND	300	H	5	
89,238	TCHAMBA	CME	1243E 0840N	180F3	200	ND	300	H	5	
89,238	S.CRUZ TENERIF	CNR	1615W 2830N	180F3	5	ND	75	H	4	
89,238	MALIMBA	GAB	1320E 0100S	180F3	100	ND	300	H	5	
89,238	KOUNDIAN	GUI	0854W 1055N	180F3	100	ND	300	H	3	
89,238	LEO	HVO	0206W 1153N	180F3	200	D	300	H	3	74/100/210/2
89,238	AKURE	NIG	0512E 0715N	180F3	100	ND	300	H	5	
89,238	CHIENGI	RHN	2925E 0830S	180F3	100	ND	150	H	3	
89,238	MKUSHI	RHN	2925E 1335S	180F3	100	ND	150	H	3	
89,238	ED DAMER	SDN	3353E 1735N	180F3	100	ND	300	H	3	14
89,238	THIES	SEN	1657W 1446N	180F3	10	ND	300	H	4	
89,238	ANSE BOILEAU	SEY	5529E 0443S	180F3	1	ND	600	H	2	
89,238	BARDERA	SOM	4220E 0221N	180F3	0,5	ND	180	H	2	
89,238	ARUSHA	TGK	3640E 0320S	180F3	100	ND	600	H	3	
89,300	LA CALLE	ALG	0835E 3650N	180F3	0,5	ND	400	H	1	11
89,324	ALIWAL NORTH	AFS	2642E 3057S	200F3	38	ND	500	H	6	
89,324	BETHANIE	AFS	1720E 2630S	200F3	40	ND	300	H	2	
89,324	GRAAFWATER	AFS	1839E 3205S	200F3	38	ND	300	H	1	
89,324	S37	AFS	1808E 2045S	200F3	40	ND	300	H	2	
89,324	ZEERUST	AFS	2551E 2542S	200F3	38	ND	300	H	6	
89,324	CAIUNDO	AGL	1730E 1550S	180F3	50	ND	75	H	3	
89,324	NOVA GAIA	AGL	1715E 1006S	180F3	50	ND	75	H	3	
89,324	BANZALI	CGO	2445E 0434N	180F3	100	ND	300	H	5	
89,324	PONTHIERVILLE	CGO	2540E 0027S	180F3	100	ND	300	H	3	
89,324	SOKELE	CGO	2440E 0954S	180F3	100	ND	300	H	3	
89,324	TSHOFA	CGO	2516E 0513S	180F3	100	ND	300	H	3	
89,324	MOSSAKA	COG	1648E 0110S	180F3	100	ND	300	H	5	
89,324	NIABOCOGO	CTI	0642W 0937N	180F3	100	ND	600	H	5	
89,324	DEBRE TABOR	ETH	3811E 1143N	180F3	60	ND	1200	H	6	
89,324	SETTE CAMA	GAB	0945E 0231S	180F3	100	ND	300	H	5	
89,324	BASSE	GMB	1415W 1320N	180F3	25	D	300	H	4	74/150/200/5

1	2	3	4	5	6	7	8	9	10A	10B
89,324	PAMA	HVO	0040E 1119N	180F3	200	D	300	H	3	74/130/210/2
89,324	AMBONONDRONOMB	MDG	4619E 2328S	180F3	100	ND	600	H	3	
89,324	CANICADO	MOZ	3301E 2430S	180F3	50	ND	38	H	3	
89,324	ESPUNGABERA	MOZ	3236E 2022S	180F3	50	ND	75	H	3	
89,324	EMI FRAHA	NGR	1250E 2238N	180F3	100	ND	300	H	3	
89,324	IN GALL	NGR	0656E 1647N	180F3	100	ND	300	H	3	
89,324	M	NGR	1450E 1700N	180F3	100	ND	300	H	3	
89,324	SAMARU	NIG	0740E 1110N	180F3	100	ND	300	H	3	
89,324	SAINT LEU	REU	5518E 2112S	180F3	0,3	ND	400	H	4	
89,324	CHINSALI	RHN	3204E 1032S	180F3	100	ND	150	H	3	
89,324	KATABA	RHN	2508E 1605S	180F3	100	ND	150	H	3	
89,324	DUCA D.ABRUZZI	SOM	4530E 0245N	180F3	0,1	ND	50	H	2	
89,324	LUNSAR	SRL	1203W 0841N	180F3	50	ND	300	H	5	
89,324	BOL	TCD	1443E 1328N	180F3	100	ND	300	H	3	
89,324	MOUNDOU	TCD	1605E 0835N	180F3	100	ND	300	H	5	
89,324	KAMPALA	UGA	3230E 0020N	180F3	100	ND	600	H	3	
89,400	ELADEM	LBY	2355E 3140N	180F3	10	ND	150	H	2	11
89,410	BETHAL	AFS	2937E 2627S	200F3	38	ND	300	H	6	
89,410	C79	AFS	2140E 2720S	200F3	38	ND	150	H	2	
89,410	DWAALFONTEIN	AFS	2236E 3256S	200F3	38	ND	300	H	6	
89,410	BESSA MONTEIRO	AGL	1334E 0718S	180F3	50	ND	150	H	3	
89,410	NOVO REDONDO	AGL	1350E 1112S	180F3	50	ND	75	H	3	
89,410	FT CRAMPEL	CAF	1910E 0659N	180F3	100	ND	300	H	5	
89,410	BUDJALA	CGO	1945E 0237N	180F3	100	ND	300	H	5	
89,410	TSHIKAPA	CGO	2048E 0628S	180F3	100	ND	300	H	3	
89,410	YOKO	CME	1220E 0531N	180F3	100	ND	600	H	5	
89,410	MOSSENDJO	COG	1242E 0257S	180F3	100	ND	300	H	5	
89,410	MINDELO	CPV	2500W 1654N	180F3	100	ND	75	H	4	
89,410	TABOU	CTI	0721W 0424N	180F3	100	ND	300	H	5	
89,410	BEICA	ETH	3431E 0920N	180F3	3	ND	150	H	6	
89,410	CARACORE	ETH	3958E 1028N	180F3	3	ND	150	H	6	
89,410	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
89,410	DIEGO SUAREZ	MDG	4908E 1236S	180F3	10	ND	1200	H	3	
89,410	VOHIBEANTOETRA	MDG	4721E 2048S	180F3	10	ND	300	H	3	
89,410	KENIEBA	MLI	1112W 1251N	180F3	100	ND	600	H	3	
89,410	I	MTN	0700W 2353N	180F3	100	ND	300	H	2	

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89,410	MOUDJERIA	MTN	1219W 1752N	180F3	100	ND	300	H	4	
89,410	OUALLAM	NGR	0205E 1419N	180F3	100	ND	300	H	3	
89,410	BUSSA	NIG	0420E 0950N	180F3	100	ND	300	H	5	
89,410	DELTA	NIG	0610E 0500N	180F3	5	ND	300	H	5	
89,410	UMUAHIA	NIG	0729E 0532N	180F3	10	ND	300	H	5	
89,410	FORT ROSEBERY	RHN	2853E 1110S	180F3	100	ND	150	H	3	
89,410	ZIGUINCHOR	SEN	1615W 1235N	180F3	10	D	300	H	4	74/330/30/1 74/120/200/1
89,410	CAHANDO	SOM	4708E 0603N	180F3	200	ND	250	H	2	
89,410	DODOMA	TGK	3550E 0610S	180F3	100	ND	150	H	3	
89,496	C.TOWN MAJOR	AFS	1823E 3403S	200F3	38	ND	700	H	1	
89,496	GRAHAMSTOWN	AFS	2642E 3317S	200F3	38	ND	300	H	6	
89,496	S20	AFS	1730E 2320S	200F3	40	ND	300	H	2	
89,496	S60	AFS	1630E 1805S	200F3	40	ND	300	H	2	
89,496	WARRENTON	AFS	2515E 2816S	200F3	38	ND	300	H	6	
89,496	CARNOT	CAF	1858E 0458N	180F3	100	ND	300	H	5	
89,496	KANIAMA	CGO	2412E 0732S	180F3	100	ND	300	H	3	
89,496	KATAKO KOMBE	CGO	2420E 0327S	180F3	100	ND	300	H	3	
89,496	KWAMOUTH	CGO	1612E 0311S	180F3	100	ND	300	H	3	
89,496	MOKARIA	CGO	2319E 0159N	180F3	100	ND	300	H	5	
89,496	BUEA	CME	0914E 0409N	180F3	200	ND	600	H	5	
89,496	KATIOLA	CTI	0511W 0849N	180F3	100	ND	300	H	5	
89,496	BOKE	GUI	1418W 1056N	180F3	100	ND	300	H	4	
89,496	ANDRIAMENA	MDG	4732E 1724S	180F3	100	ND	600	H	3	
89,496	RANOHIRA	MDG	4523E 2233S	180F3	100	ND	600	H	3	
89,496	TAOUDENI	MLI	0358W 2240N	180F3	100	ND	300	H	2	
89,496	MALVERNIA	MOZ	3103E 2220S	180F3	50	ND	75	H	3	
89,496	MADADUA	NGR	0600E 1409N	180F3	100	D	300	H	3	74/120/250/5
89,496	LE PORT	REU	5522E 2054S	180F3	1	ND	600	H	4	
89,496	MWINILUNGU	RHN	2427E 1143S	180F3	100	ND	150	H	3	
89,496	WEDZA	RHS	3140E 1835S	180F3	100	ND	150	H	3	
89,496	PAGALA	TGO	0053E 0813N	180F3	100	ND	300	H	5	
89,500	SETIF	ALG	0521E 3620N	180F3	100	ND	600	H	1	11
89,500	CAIRO	EGY	3115E 3003N	180F3	30	ND	90	H	2	11
89,500	AGEDABIA	LBY	2012E 3045N	180F3	10	ND	150	H	2	11
89,582	LITTLE ADEN	ADN	4553E 1246N	180F3	5	ND	300	H	4	13

1	2	3	4	5	6	7	8	9	10A	10B
89,582	BRANDVLEI	AFS	2026E 3006S	200F3	38	ND	300	H	2	
89,582	NYITINYE	AFS	2934E 2906S	200F3	38	ND	600	H	6	
89,582	VAALWATER	AFS	2753E 2402S	200F3	38	ND	250	H	6	
89,582	GAGO COUTINHO	AGL	2108E 1405S	180F3	100	ND	75	H	3	
89,582	LUANDA	AGL	1315E 0849S	180F3	100	ND	75	H	3	
89,582	BOMILI	CGO	2708E 0145N	180F3	100	ND	300	H	5	
89,582	MANGAI	CGO	1933E 0402S	180F3	100	ND	300	H	3	
89,582	MITWABA	CGO	2720E 0838S	180F3	100	ND	300	H	3	
89,582	SHABUNDA	CGO	2720E 0241S	180F3	100	ND	300	H	3	
89,582	BANYO	CME	1150E 0644N	180F3	200	ND	600	H	5	
89,582	CUMBRES VIEJAS	CNR	1748W 2836N	180F3	6	ND	1200	H	4	
89,582	MAKALE	ETH	3928E 1331N	180F3	60	ND	150	H	6	
89,582	WENCHI	GHA	0210W 0635N	180F3	50	ND	120	H	5	
89,582	SORIBADOUGOU	GUI	0825W 0912N	180F3	100	ND	300	H	5	
89,582	DIEBOUGOU	HVO	0315W 1058N	180F3	200	ND	300	H	3	
89,582	SANNAQUELLA	LBR	0843W 0722N	180F3	10	ND	300	H	5	
89,582	ANTANIDITRA	MDG	4612E 1853S	180F3	100	ND	600	H	3	
89,582	AKJOUJT	MTN	1422W 1945N	180F3	100	ND	300	H	4	
89,582	SELIBABY	MTN	1208W 1514N	180F3	10	ND	300	H	4	
89,582	IFEROUANE	NGR	0822E 1907N	180F3	100	ND	300	H	3	
89,582	IBADAN	NIG	0356E 0724N	180F3	100	ND	150	H	5	
89,582	MUMBWA	RHN	2710E 1452S	180F3	100	ND	150	H	3	
89,582	GWAII	RHS	2742E 1918S	180F3	100	ND	150	H	3	
89,582	OUADI HALFA	SDN	3110E 2205N	180F3	100	ND	300	H	2	14
89,582	SOROTI	UGA	3335E 0150N	180F3	100	ND	150	H	3	
89,583	S55	AFS	2003E 1852S	200F3	40	ND	300	H	2	
89,600	MOSTAGANEM	ALG	0006E 3535N	180F3	0,1	ND	150	H	1	11
89,600	TEBESSA	ALG	0800E 3520N	180F3	5	ND	600	H	1	11
89,600	EL JADIDA 1	MRC	0826W 3308N	180F3	1	ND	50	H	2	11
89,668	C100	AFS	2335E 2550S	200F3	38	ND	150	H	2	
89,668	CATTLETON	AFS	3120E 2433S	200F3	38	ND	200	H	3	
89,668	LUDERITZ	AFS	1520E 2640S	200F3	40	ND	300	H	2	
89,668	NOUPOORT	AFS	2455E 3113S	200F3	38	ND	300	H	6	
89,668	S35	AFS	1620E 2025S	200F3	40	ND	300	H	2	
89,668	NDELE	CAF	2035E 0825N	180F3	100	ND	300	H	5	
89,668	BENI	CGO	2928E 0030N	180F3	100	ND	300	H	5	

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1	2	3	4	5	6	7	8	9	10A	10B
89,668	BOKUNGU	CGO	2225E 0045S	180F3	100	ND	300	H	3	
89,668	LUSAMBO	CGO	2326E 0457S	180F3	100	ND	300	H	3	
89,668	SANDOA	CGO	2251E 0943S	180F3	100	ND	300	H	3	
89,668	THYSVILLE	CGO	1453E 0512S	180F3	100	ND	300	H	3	
89,668	YAKOMA	CGO	2223E 0404N	180F3	100	ND	300	H	5	
89,668	MOLOUNDOU	CME	1521E 0211N	180F3	200	ND	300	H	5	
89,668	BOLGATANGA	GHA	0055W 1050N	180F3	50	ND	150	H	5	
89,668	ANOSIBE	MDG	4812E 1926S	180F3	100	ND	300	H	3	
89,668	A	MLI	0340E 1630N	180F3	100	ND	300	H	2	
89,668	MANANKORO	MLI	0743W 1025N	180F3	10	ND	300	H	3	
89,668	NIORO	MLI	0936W 1513N	180F3	100	ND	300	H	2	
89,668	ZUMBO	MOZ	3014E 1521S	180F3	50	ND	75	H	3	
89,668	G	NGR	1010E 2208N	180F3	100	ND	300	H	3	
89,668	IBOLELO	RHN	2406E 1605S	180F3	100	ND	150	H	3	
89,668	NIORO DU RIP	SEN	1546W 1344N	180F3	10	ND	300	H	4	
89,668	ARADA	TCD	2035E 1502N	180F3	100	ND	300	H	3	
89,700	AZIZIA	LBY	1245E 3215N	180F3	0,9	ND	300	H	2	11
89,700	MARSA EL BREGA	LBY	1940E 3025N	180F3	0,9	ND	300	H	2	11
89,754	MATJIESFONTEIN	AFS	2029E 3258S	200F3	38	ND	200	H	6	
89,754	S5	AFS	1906E 2720S	200F3	40	ND	300	H	2	
89,754	S31	AFS	1950E 2130S	200F3	40	ND	300	H	2	
89,754	UMTATA	AFS	2842E 3144S	200F3	38	ND	300	H	6	
89,754	WELVERDIEND	AFS	2715E 2626S	200F3	45	ND	300	H	6	
89,754	BONGO	CGO	1742E 0147S	180F3	100	ND	300	H	3	
89,754	DAKWA	CGO	2631E 0401N	180F3	100	ND	300	H	5	
89,754	JADOTVILLE	CGO	2644E 1059S	180F3	100	ND	300	H	3	
89,754	KASONGOLUNDA	CGO	1649E 0628S	180F3	100	ND	300	H	3	
89,754	KISENGWA	CGO	2550E 0559S	180F3	100	ND	300	H	3	
89,754	TALI	CME	0937E 0534N	180F3	100	ND	300	H	5	
89,754	GANDOU	COG	1728E 0228N	180F3	100	ND	300	H	5	
89,754	KONG	CTI	0437W 0909N	180F3	100	ND	300	H	5	
89,754	PABEGOU	DAH	0135E 0947N	180F3	100	ND	300	H	3	
89,754	AGIBAR	ETH	3837E 1036N	180F3	10	ND	150	H	6	
89,754	NACFA	ETH	3825E 1636N	180F3	60	ND	150	H	2	
89,754	MANANARA	MDG	4940E 1602S	180F3	100	ND	300	H	3	
89,754	SOKOLO	MLI	0608W 1445N	180F3	100	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10A	10B
89,754	TETE	MOZ	3335E 1610S	180F3	100	ND	38	H	3	
89,754	BADAGRY	NIG	0310E 0629N	180F3	100	ND	300	H	5	
89,754	LIVINGSTONIA	NYA	3355E 1030S	180F3	100	ND	150	H	3	
89,754	CHOMA	RHN	2658E 1645S	180F3	100	ND	150	H	3	
89,754	EHIL	SOM	4950E 0800N	180F3	0,2	ND	60	H	2	
89,754	ITALA	SOM	4620E 0247N	180F3	0,5	ND	40	H	2	
89,754	SEFADU	SRL	1145W 0758N	180F3	50	ND	300	H	5	
89,754	MEZAFEH	TCD	1516E 2305N	180F3	100	ND	300	H	2	
89,754	JINJA	UGA	3310E 0020N	180F3	100	ND	150	H	3	
89,754	CHAKE CHAKE	ZAN	3946E 0514S	180F3	10	ND	300	H	3	
89,800	SIDI FERRUCH	ALG	0251E 3646N	180F3	*	ND	70	H	1	* 0,05 KW 11
89,840	CLIFTON	AFS	2328E 2818S	200F3	38	ND	300	H	6	
89,840	PIET RETIEF	AFS	3043E 2716S	200F3	38	ND	400	H	6	
89,840	S18	AFS	1530E 2310S	200F3	40	ND	300	H	2	
89,840	S58	AFS	1430E 1803S	200F3	40	ND	300	H	2	
89,840	STEYTLERVILLE	AFS	2434E 3336S	200F3	38	ND	300	H	6	
89,840	CARMONA	AGL	1503E 0737S	180F3	100	ND	75	H	3	
89,840	KANJAUA	AGL	1510E 1222S	180F3	50	ND	75	H	3	
89,840	TSHANE	BCH	2150E 2400S	180F3	10	ND	300	H	2	
89,840	BAMBARI	CAF	2035E 0540N	180F3	100	ND	300	H	5	
89,840	BONGANDANGA	CGO	2101E 0130N	180F3	100	ND	300	H	5	
89,840	DEKESE	CGO	2123E 0325S	180F3	100	ND	300	H	3	
89,840	GOMBARI	CGO	2903E 0243N	180F3	100	ND	300	H	5	
89,840	LUISA	CGO	2227E 0711S	180F3	100	ND	300	H	3	
89,840	ZANAGA	COG	1350E 0252S	180F3	100	ND	300	H	5	
89,840	MOHELI E	COM	4344E 1219S	180F3	10	ND	600	H	4	
89,840	KOM OMBO	EGY	3252E 2425N	180F3	200	ND	250	H	2	
89,840	HARAR	ETH	4204E 0908N	180F3	60	ND	600	H	6	
89,840	NIOUMA	HVO	0238W 1257N	180F3	100	ND	300	H	3	
89,840	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
89,840	MOROMBE	MDG	4322E 2145S	180F3	100	ND	300	H	3	
89,840	C	MLI	0250E 1820N	180F3	100	ND	300	H	2	
89,840	MECULA	MOZ	3815E 1145S	180F3	50	ND	75	H	3	
89,840	QUELIMANE	MOZ	3653E 1752S	180F3	100	ND	38	H	5	
89,840	C	MTN	1313W 2105N	180F3	100	ND	300	H	4	
89,840	DOGONDOUTCHI	NGR	0400E 1340N	180F3	100	D	300	H	3	74/90/190/5

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1	2	3	4	5	6	7	8	9	10A	10B
89,840	BIDA	NIG	0550E 0830N	180F3	100	ND	300	H	5	
89,840	GATOOMA	RHS	2956E 1818S	180F3	100	ND	150	H	3	
89,840	AKIRABO	RRW	2917E 0226S	180F3	25	ND	1200	H	3	
89,840	ABOU HAMED	SDN	3034E 1945N	180F3	100	ND	300	H	2	14
89,840	AOZOU	TCD	1725E 2150N	180F3	100	ND	300	H	2	
89,840	MONGO	TCD	1841E 1212N	180F3	100	ND	600	H	3	
89,900	SOUK AHRAS	ALG	0751E 3618N	180F3	0,5	ND	650	H	1	11
89,926	KALKSTASIE	AFS	1849E 3004S	200F3	38	ND	300	H	2	
89,926	LADYBRAND	AFS	2722E 2912S	200F3	38	ND	350	H	6	
89,926	S17	AFS	1905E 2355S	200F3	40	ND	300	H	2	
89,926	S53	AFS	1802E 1855S	200F3	40	ND	300	H	2	
89,926	SERPA PINTO	AGL	1748E 1437S	180F3	100	ND	150	H	3	
89,926	BAKOUMA	CAF	2257E 0545N	180F3	100	ND	300	H	5	
89,926	BODA	CAF	1730E 0422N	180F3	100	ND	300	H	5	
89,926	NYABESSAM	CME	1025E 0223N	180F3	100	ND	300	H	5	
89,926	MOUALI	COG	1527E 0020N	180F3	100	ND	300	H	5	
89,926	FARAFRA	EGY	2753E 2705N	180F3	10	ND	150	H	2	
89,926	LAMBARENE	GAB	1013E 0012S	180F3	100	ND	300	H	5	
89,926	MONROVIA	LBR	1049W 0619N	180F3	20	ND	100	H	4	
89,926	BEFOTAKA	MDG	4657E 2651S	180F3	100	ND	600	H	3	
89,926	MAINTIRANO	MDG	4402E 1803S	180F3	100	ND	300	H	3	
89,926	OUATAGOUNA	MLI	0044E 1511N	180F3	100	ND	300	H	3	
89,926	SIKASSO	MLI	0557W 1110N	180F3	100	ND	600	H	3	
89,926	MANICA	MOZ	3552E 1856S	180F3	50	ND	38	H	3	
89,926	NEMA	MTN	0714W 1636N	180F3	100	ND	300	H	3	
89,926	KATSINA	NIG	0738E 1300N	180F3	100	ND	300	H	3	
89,926	MAKURDI	NIG	0836E 0743N	180F3	100	ND	300	H	5	
89,926	BELET UEN	SOM	4511E 0445N	180F3	0,5	ND	100	H	2	
89,926	A	TCD	1504E 1327N	180F3	100	ND	300	H	3	
89,926	BONGOR	TCD	1017E 1024N	180F3	100	ND	300	H	3	
89,926	E	TCD	2037E 2021N	180F3	100	ND	300	H	2	
90,000	GUSSBAT	LBY	1405E 3232N	180F3	0,9	ND	300	H	2	11
90,000	JADO	LBY	1200E 3155N	180F3	0,9	ND	300	H	2	11
90,000	TOLMETTA	LBY	2055E 3240N	180F3	0,9	ND	300	H	2	11
90,000	AGADIR 1	MRC	0929W 3025N	180F3	1	ND	200	H	2	11
90,000	CASABLANCA	MRC	0735W 3334N	180F3	1	ND	45	H	2	11

1	2	3	4	5	6	7	8	9	10A	10B
90,000	SEBAA AYOUN 1	MRC	0521W 3359N	180F3	20	ND	450	H	2	11
90,012	CARNARVON	AFS	2229E 3058S	200F3	38	ND	300	H	6	
90,012	DURBAN	AFS	3043E 2946S	200F3	100	ND	450	H	3	
90,012	JANE FURSE SET	AFS	2952E 2443S	200F3	38	ND	350	H	6	
90,012	S33	AFS	1358E 2030S	200F3	40	ND	300	H	2	
90,012	DONDO	AGL	1425E 0941S	180F3	50	ND	75	H	3	
90,012	BOENDE	CGO	2057E 0019S	180F3	100	ND	300	H	3	
90,012	KALEMBE LEMBE	CGO	2845E 0436S	180F3	100	ND	300	H	3	
90,012	MATADI	CGO	1326E 0548S	180F3	100	ND	300	H	3	
90,012	OVENG	CME	1215E 0224N	180F3	200	ND	300	H	5	
90,012	TIGNERE	CME	1236E 0722N	180F3	100	ND	600	H	5	
90,012	IZANA	CNR	1630W 2830N	180F3	72	ND	900	H	4	
90,012	GHINNIR	ETH	4033E 0700N	180F3	60	ND	300	H	6	
90,012	FUNSI	GHA	0200W 1017N	180F3	50	ND	100	H	5	
90,012	MANSA KONKO	GMB	1535W 1325N	180F3	50	ND	300	H	4	
90,012	BANANKORO	GUI	0920W 0908N	180F3	100	ND	300	H	5	
90,012	CUREPIPE	MAU	5732E 2019S	180F3	50	ND	600	H	4	
90,012	NOVA FREIXO	MOZ	3632E 1459S	180F3	50	ND	75	H	3	
90,012	FORCADOS	NIG	0500E 0510N	180F3	25	ND	300	H	5	
90,012	BROKEN HILL	RHN	2828E 1427S	180F3	10	ND	150	H	3	
90,012	LUETI	RHN	2220E 1555S	180F3	100	ND	150	H	3	
90,012	BULAWAYO	RHS	2834E 2012S	180F3	100	ND	150	H	3	
90,012	AFMEDO	SOM	4205E 0030N	180F3	0,5	ND	60	H	2	
90,012	UAR MEDO	SOM	4945E 1120N	180F3	100	ND	1280	H	2	
90,012	S.ANTONIO	STP	0726E 0137N	180F3	10	ND	38	H	5	
90,012	KOUNO	TCD	1740E 0950N	180F3	100	ND	300	H	5	
90,098	MADIBOGO	AFS	2515E 2627S	200F3	38	ND	300	H	2	
90,098	QUEENSTOWN	AFS	2650E 3152S	200F3	38	ND	550	H	6	
90,098	S3	AFS	1657E 2720S	200F3	40	ND	300	H	2	
90,098	S29	AFS	1735E 2140S	200F3	40	ND	300	H	2	
90,098	B	CAF	2330E 0810N	180F3	100	ND	300	H	5	
90,098	PADUA	CAF	1626E 0715N	180F3	100	D	300	H	5	74/240/300/1
90,098	KAKWATA	CGO	2333E 1045S	180F3	100	ND	300	H	3	
90,098	OPALA	CGO	2430E 0037S	180F3	100	ND	300	H	3	
90,098	KORADJIMANE	CTI	0650W 0854N	180F3	100	ND	600	H	5	
90,098	QUSEIR	EGY	3416E 2607N	180F3	100	ND	150	H	2	

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90,098	BAHR DAR	ETH	3727E 1120N	180F3	60	ND	600	H	6	
90,098	CENCIA	ETH	3726E 0607N	180F3	60	ND	1200	H	6	
90,098	GABRE DARRE	ETH	4416E 0645N	180F3	10	ND	300	H	2	
90,098	MAMPIKONY	MDG	4738E 1605S	180F3	50	ND	300	H	3	
90,098	MORONDAVA	MDG	4417E 2017S	180F3	100	ND	300	H	3	
90,098	ANTONIO ENES	MOZ	3954E 1614S	180F3	50	ND	38	H	5	
90,098	MACIA	MOZ	3303E 2501S	180F3	10	ND	38	H	3	
90,098	NOUAKCHOTT	MTN	1556W 1814N	180F3	100	ND	300	H	4	
90,098	MAIDUGURI	NIG	1305E 1151N	180F3	25	ND	300	H	3	
90,098	JOUBA	SDN	3125E 0455N	180F3	100	ND	300	H	3	14
90,098	MOYAMBA	SRL	1235W 0815N	180F3	50	ND	150	H	5	
90,098	FT LAMY	TCD	1504E 1206N	180F3	25	ND	300	H	3	
90,098	LUSHOTO	TGK	3810E 0452S	180F3	100	ND	600	H	3	
90,098	MASASI	TGK	3850E 1040S	180F3	100	ND	150	H	3	
90,098	SANSANNE MANGO	TGO	0028E 1021N	180F3	100	ND	300	H	3	
90,098	MASAKA	UGA	3145E 0020S	180F3	100	ND	150	H	3	
90,100	ALEXANDRIA	EGY	2952E 3111N	180F3	100	ND	75	H	2	11
90,184	GEORGE	AFS	2214E 3355S	200F3	38	ND	300	H	1	
90,184	S56	AFS	1225E 1755S	200F3	40	ND	300	H	2	
90,184	UPINGTON	AFS	2055E 2830S	200F3	38	ND	300	H	2	
90,184	VREDE	AFS	2858E 2715S	200F3	38	ND	300	H	6	
90,184	LOBITO	AGL	1334E 1220S	180F3	10	ND	75	H	3	
90,184	VILA LUSO	AGL	1952E 1147S	180F3	100	ND	75	H	3	
90,184	NOUVELLE ANVER	CGO	1909E 0135N	180F3	100	ND	300	H	5	
90,184	POKO	CGO	2652E 0308N	180F3	100	ND	300	H	5	
90,184	SANGE	CGO	2820E 0701S	180F3	100	ND	300	H	3	
90,184	WALIKALE	CGO	2802E 0126S	180F3	100	ND	300	H	3	
90,184	KIBANGOU	COG	1225E 0328S	180F3	100	ND	300	H	5	
90,184	BARIS	EGY	3037E 2440N	180F3	10	ND	150	H	2	
90,184	DEBRE BERHAN	ETH	3932E 0939N	180F3	60	ND	300	H	6	
90,184	MASSAWA	ETH	3928E 1536N	180F3	3	ND	150	H	2	
90,184	HUN	LBY	1554E 2910N	180F3	10	ND	150	H	2	
90,184	AGUELHOC	MLI	0045E 1930N	180F3	100	ND	300	H	2	
90,184	MERSAUA	MOZ	3546E 1215S	180F3	50	ND	150	H	3	
90,184	MUTARARA	MOZ	3505E 1727S	180F3	50	ND	150	H	3	
90,184	VILANCULOS	MOZ	3519E 2200S	180F3	50	ND	75	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
90,184	B	MTN	1432W 2120N	180F3	100	ND	300	H	4	
90,184	NIAMEY	NGR	0206E 1331N	180F3	100	ND	300	H	3	
90,184	KITWE	RHN	2813E 1247S	180F3	100	ND	150	H	3	
90,184	BINGA	RHS	2804E 1734S	180F3	100	ND	150	H	3	
90,184	OUAD MEDANI	SDN	3330E 1410N	180F3	100	ND	300	H	6	14
90,200	ORLEANSVILLE	ALG	0107E 3557N	180F3	50	ND	600	H	1	11
90,200	TOBRUK	LBY	2357E 3205N	180F3	10	ND	150	H	2	11
90,270	KIMBERLEY	AFS	2457E 2905S	200F3	38	ND	300	H	6	
90,270	PUNDA MARIA	AFS	3110E 2245S	200F3	38	ND	300	H	3	
90,270	S15	AFS	1655E 2405S	200F3	40	ND	300	H	2	
90,270	S51	AFS	1547E 1850S	200F3	40	ND	300	H	2	
90,270	S67	AFS	2335E 1752S	200F3	40	ND	300	H	2	
90,270	CAMABATELA	AGL	1523E 0812S	180F3	50	ND	300	H	3	
90,270	TAMANRASSET	ALG	0530E 2250N	180F3	50	ND	600	H	2	
90,270	ATONGO	CAF	2130E 0549N	180F3	100	ND	300	H	5	
90,270	BASOKO	CGO	2335E 0113N	180F3	100	ND	300	H	5	
90,270	BENA DIBELE	CGO	2251E 0355S	180F3	100	ND	300	H	3	
90,270	MOLIRO	CGO	3031E 0811S	180F3	100	ND	300	H	3	
90,270	MASA	COG	1528E 0345S	180F3	100	ND	300	H	5	
90,270	TIETIEKRO	CTI	0536W 0700N	180F3	100	ND	600	H	5	
90,270	RAS GHAREB	EGY	3318E 2806N	180F3	100	ND	150	H	2	
90,270	GIMMA	ETH	3654E 0742N	180F3	60	ND	300	H	6	
90,270	METEMMA	ETH	3610E 1257N	180F3	10	ND	600	H	6	
90,270	MEKAMBO	GAB	1356E 0100N	180F3	100	ND	300	H	5	
90,270	MERU	KEN	3740E 0003N	180F3	100	ND	1200	H	3	
90,270	AMBATONDRAZAKA	MDG	4831E 1748S	180F3	100	ND	600	H	3	
90,270	B	MLI	0405E 1800N	180F3	100	ND	300	H	2	
90,270	GOURMA RHAROUS	MLI	0155W 1653N	180F3	100	ND	300	H	3	
90,270	MONTEPUEZ	MOZ	3900E 1308S	180F3	50	ND	75	H	5	
90,270	OUADANE	MTN	1138W 2047N	180F3	100	ND	300	H	2	
90,270	CHITAMBO	RHN	3040E 1255S	180F3	100	ND	150	H	3	
90,270	KABOMPO	RHN	2414E 1335S	180F3	100	ND	150	H	3	
90,270	LOUGA	SEN	1613W 1538N	180F3	100	ND	300	H	4	
90,270	DAGARITA	SOM	4330E 1040N	180F3	20	ND	600	H	2	
90,270	ISCIA BAIDOA	SOM	4340E 0308N	180F3	200	ND	320	H	2	
90,270	AM TIMAN	TCD	2017E 1103N	180F3	100	ND	300	H	3	

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90,300	CLAIREFONTAINE	ALG	0806E 3757N	180F3	0,5	ND	750	H	1	11
90,300	DELLYS	ALG	0354E 3654N	180F3	0,1	ND	450	H	1	11
90,356	LORIESFONTEIN	AFS	1946E 3100S	200F3	38	ND	300	H	6	
90,356	MATATIELE	AFS	2851E 3005S	200F3	38	ND	500	H	3	
90,356	MIDDELWIT	AFS	2710E 2449S	200F3	38	ND	400	H	6	
90,356	S46	AFS	1940E 1945S	200F3	40	ND	300	H	2	
90,356	C QUANAVAL	AGL	1856E 1456S	180F3	50	ND	75	H	3	
90,356	MOCAMEDES	AGL	1208E 1512S	180F3	50	ND	150	H	3	
90,356	MBAIKI	CAF	1801E 0353N	180F3	100	ND	300	H	5	
90,356	ZEMIO	CAF	2508E 0507N	180F3	100	ND	300	H	5	
90,356	BAFWABOLI	CGO	2608E 0047N	180F3	100	ND	300	H	5	
90,356	INGENDE	CGO	1900E 0015S	180F3	100	ND	300	H	3	
90,356	KIKWIT	CGO	1845E 0505S	180F3	100	ND	300	H	3	
90,356	KONGOLO	CGO	2659E 0523S	180F3	100	ND	300	H	3	
90,356	MUKANA	CGO	2711E 0918S	180F3	100	ND	300	H	3	
90,356	POINTE NOIRE	COG	1151E 0444S	180F3	100	ND	300	H	5	
90,356	GR COMORE S	COM	4318E 1150S	180F3	10	ND	600	H	4	
90,356	SECOTA	ETH	3903E 1237N	180F3	10	ND	300	H	6	
90,356	ETEKE	GAB	1157E 0126S	180F3	100	ND	300	H	5	
90,356	MICOMESENG	GNE	1037E 0210N	180F3	1	ND	300	H	5	
90,356	DABOLA	GUI	1109W 1046N	180F3	100	ND	600	H	3	
90,356	BOBO DIOULASSO	HVO	0306W 1107N	180F3	100	ND	300	H	3	
90,356	MOMBASA	KEN	3940E 0403S	180F3	100	ND	150	H	3	
90,356	ANDAPA	MDG	4941E 1442S	180F3	100	ND	300	H	3	
90,356	ANKAVANDRA	MDG	4521E 1848S	180F3	100	ND	600	H	3	
90,356	D	MLI	0045W 2050N	180F3	100	ND	300	H	2	
90,356	BEIRA	MOZ	3451E 1950S	180F3	100	ND	38	H	3	
90,356	O	MTN	0541W 1542N	180F3	100	ND	300	H	3	
90,356	ABEOKUTA	NIG	0321E 0710N	180F3	25	ND	300	H	5	
90,356	DEDZA	NYA	3420E 1407S	180F3	100	ND	150	H	3	
90,356	NAMWALA	RHN	2630E 1545S	180F3	100	ND	150	H	3	
90,356	BAKEL	SEN	1235W 1458N	180F3	10	ND	300	H	4	
90,356	KABALLAH	SRL	1135W 0935N	180F3	50	ND	300	H	5	
90,356	C	TCD	1618E 4807N	180F3	100	ND	300	H	2	
90,356	F	TCD	2149E 2004N	180F3	100	ND	300	H	2	
90,356	TUKUYU	TGK	3340E 0920S	180F3	100	ND	1200	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
90,356	MT ELGON	UGA	3500E 0130N	180F3	100	D	1200	H	3	74/20/150/10
90,400	BENI EL QUIDAN	MRC	0619W 3219N	180F3	20	ND	550	H	2	11
90,442	C92	AFS	2304E 2624S	200F3	38	ND	300	H	2	
90,442	NELSPRUIT	AFS	3045E 2532S	200F3	38	ND	600	H	6	
90,442	NEW BETHESDA	AFS	2432E 3145S	200F3	38	ND	300	H	6	
90,442	S27	AFS	1540E 2145S	200F3	40	ND	300	H	2	
90,442	SALVADOR	AGL	1415E 0616S	180F3	50	ND	150	H	3	
90,442	TEIXEIRA SOUSA	AGL	2211E 1043S	180F3	50	ND	150	H	3	
90,442	VILA ROCADAS	AGL	1458E 1645S	180F3	50	ND	75	H	3	
90,442	BIGI	CGO	2225E 0302N	180F3	100	ND	300	H	5	
90,442	FARADJE	CGO	2942E 0345N	180F3	100	ND	100	H	5	
90,442	ITOKO	CGO	2148E 0100S	180F3	100	ND	300	H	3	
90,442	KASENGA	CGO	2844E 1017S	180F3	100	ND	300	H	3	
90,442	LUBERO	CGO	2913E 0010S	180F3	100	ND	300	H	3	
90,442	LULUABOURG	CGO	2225E 0554S	180F3	100	ND	300	H	3	
90,442	MEIGANGA	CME	1416E 0633N	180F3	200	ND	300	H	5	
90,442	LAS PALMAS	CNR	1525W 2808N	180F3	1	ND	75	H	4	
90,442	SOUANKE	COG	1408E 0204N	180F3	100	ND	300	H	5	
90,442	DYENGOLE	CTI	0740W 0931N	180F3	100	ND	600	H	5	
90,442	SASSANDRA	CTI	0606W 0456N	180F3	100	ND	300	H	5	
90,442	LUXOR	EGY	3238E 2527N	180F3	200	ND	150	H	2	
90,442	KUMAD	ETH	3615E 1043N	180F3	10	ND	300	H	6	
90,442	MAJI	ETH	3536E 0611N	180F3	10	ND	600	H	2	
90,442	NAKURU	KEN	3603E 0018S	180F3	100	ND	600	H	3	
90,442	AMBOHIMILANJA	MDG	4759E 1954S	180F3	100	ND	300	H	3	
90,442	ALTO MOLOQUE	MOZ	3745E 1530S	180F3	50	ND	150	H	5	
90,442	TIDJIKJA	MTN	1126W 1833N	180F3	100	ND	300	H	2	
90,442	A	NGR	0335E 1520N	180F3	100	ND	300	H	3	
90,442	F	NGR	0848E 2110N	180F3	100	ND	300	H	3	
90,442	ABA	NIG	0723E 0507N	180F3	100	ND	300	H	5	
90,442	YELWA	NIG	0610E 1110N	180F3	100	ND	300	H	3	
90,442	PITON DE SABLE	REU	5539E 2111S	180F3	5	ND	1200	H	4	
90,442	COPPER QUEEN	RHS	2920E 1722S	180F3	100	ND	150	H	3	
90,442	BRAVA	SOM	4402E 0107N	180F3	0,5	ND	40	H	2	
90,442	GALCAIO	SOM	4725E 0645N	180F3	0,5	ND	180	H	2	
90,442	OUM HADJER	TCD	1938E 1316N	180F3	100	ND	300	H	3	

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1	2	3	4	5	6	7	8	9	10A	10B
90,442	KIGOMA	TGK	2940E 0450S	180F3	100	ND	300	H	3	
90,500	ORAN MURDJADJO	ALG	0046W 3542N	180F3	0,5	ND	300	H	1	11
90,500	CAIRO	EGY	3115E 3003N	180F3	3	ND	90	H	2	11
90,528	GOBABIS	AFS	1855E 2225S	200F3	40	ND	300	H	2	
90,528	KENTANI	AFS	2816E 3228S	200F3	38	ND	300	H	6	
90,528	KROONSTAD	AFS	2710E 2725S	200F3	38	ND	300	H	6	
90,528	S2	AFS	1842E 2805S	200F3	40	ND	300	H	2	
90,528	VILLIERSDORP	AFS	1931E 3358S	200F3	38	ND	1200	H	1	
90,528	G MACHADO	AGL	1714E 1203S	180F3	50	ND	75	H	3	
90,528	GUERA	AOE	1700W 2022N	180F3	1	ND	75	H	4	
90,528	BOSSANGOA	CAF	1727E 0630N	180F3	100	ND	300	H	5	
90,528	BUTA	CGO	2447E 0247N	180F3	100	ND	300	H	5	
90,528	ELISABETHVILLE	CGO	2728E 1139S	180F3	100	ND	300	H	3	
90,528	LOKANDU	CGO	2544E 0234S	180F3	100	ND	300	H	3	
90,528	PANZI	CGO	1801E 0717S	180F3	100	ND	300	H	3	
90,528	DALO	COG	1635E 0140N	180F3	100	ND	300	H	5	
90,528	DABAKALA	CTI	0427W 0808N	180F3	100	ND	600	H	5	
90,528	PREKETE	DAH	0138E 0840N	180F3	50	ND	300	H	3	
90,528	AGORDAT	ETH	3753E 1533N	180F3	3	ND	300	H	6	
90,528	DEBRE MARCOS	ETH	3744E 1020N	180F3	60	ND	150	H	6	
90,528	YAVELLO	ETH	3806E 0454N	180F3	3	ND	600	H	6	
90,528	KANGO	GAB	1005E 0011N	180F3	100	ND	300	H	5	
90,528	YOUKOUNKOUN	GUI	1307W 1322N	180F3	100	ND	300	H	3	
90,528	SEGOU	MLI	0615W 1326N	180F3	100	ND	300	H	3	
90,528	MASSANGENA	MOZ	3255E 2135S	180F3	50	ND	75	H	3	
90,528	MOCIMBOA PRAIA	MOZ	4021E 1120S	180F3	50	D	38	H	5	74/95/110/10
90,528	I	NGR	1420E 2215N	180F3	100	ND	300	H	3	
90,528	KOKORO	NGR	0056E 1412N	180F3	100	ND	300	H	3	
90,528	N	NGR	1410E 1550N	180F3	100	ND	300	H	3	
90,528	TANOUT	NGR	0851E 1450N	180F3	100	ND	300	H	3	
90,528	JOS	NIG	0852E 0955N	180F3	100	ND	300	H	5	
90,528	LIVINGSTONE	RHN	2558E 1753S	180F3	100	ND	150	H	3	
90,528	MALAKAL	SDN	3148E 0930N	180F3	100	ND	300	H	6	14
90,528	BO	SRL	1200W 0852N	180F3	50	ND	300	H	5	
90,528	ADRE	TCD	2211E 1327N	180F3	100	ND	300	H	3	
90,528	BUKOBA	TGK	3150E 0120S	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
90,528	ZANZIBAR	ZAN	3915E 0610S	180F3	25	ND	300	H	3	
90,600	CHERCHELL	ALG	0212E 3636N	180F3	0,1	ND	300	H	1	11
90,614	BLOUBERG	AFS	2859E 2304S	200F3	38	ND	100	H	6	
90,614	NIEKERKSHOOP	AFS	2240E 2910S	200F3	38	ND	300	H	2	
90,614	S49	AFS	1355E 1850S	200F3	40	ND	300	H	2	
90,614	S65	AFS	2125E 1802S	200F3	40	ND	300	H	2	
90,614	VRYHEID	AFS	3041E 2758S	200F3	38	ND	350	H	3	
90,614	CUBAL	AGL	1415E 1302S	180F3	50	ND	150	H	3	
90,614	KOUANGO	CAF	1958E 0459N	180F3	100	ND	300	H	5	
90,614	KISABI	CGO	2910E 0804S	180F3	100	ND	300	H	3	
90,614	UVIRA	CGO	2906E 0322S	180F3	100	ND	300	H	3	
90,614	WAMBA	CGO	2758E 0212N	180F3	100	ND	300	H	5	
90,614	KARANG	CME	1315E 0504N	180F3	100	ND	300	H	5	
90,614	SIBITI	COG	1320E 0340S	180F3	100	ND	300	H	5	
90,614	MINA	GAB	1301E 0002N	180F3	100	ND	300	H	5	
90,614	PRANG	GHA	0050W 0800N	180F3	50	ND	120	H	5	
90,614	DIDI	GUI	0935W 1133N	180F3	100	ND	600	H	3	
90,614	TITA	HVO	0231W 1156N	180F3	100	ND	300	H	3	
90,614	BRACK	LBY	1410E 2740N	180F3	10	ND	150	H	2	
90,614	ANDOHARANO	MDG	4711E 1815S	180F3	100	ND	300	H	3	
90,614	VOHIPANANY	MDG	4735E 2108S	180F3	500	ND	300	H	3	
90,614	MOPTI	MLI	0412W 1430N	180F3	100	ND	300	H	3	
90,614	CHINDE	MOZ	3628E 1835S	180F3	50	ND	38	H	3	
90,614	KANKOSSA	MTN	1131W 1556N	180F3	10	ND	300	H	3	
90,614	GOMBE	NIG	1106E 1117N	180F3	10	ND	300	H	3	
90,614	ILESHA	NIG	0445E 0738N	180F3	100	ND	300	H	5	
90,614	YOLA	NIG	1229E 0910N	180F3	100	ND	300	H	5	
90,614	BALOVALE WEST	RHN	2243E 1328S	180F3	100	ND	150	H	3	
90,700	S12	AFS	1730E 2515S	200F3	40	ND	300	H	2	
90,700	S44	AFS	1740E 1940S	200F3	40	ND	300	H	2	
90,700	SMITHFIELD	AFS	2629E 2959S	200F3	38	ND	300	H	6	
90,700	EL KANTARA	ALG	0546E 3511N	180F3	1	D	600	H	1	11
90,700	TIARET	ALG	0119E 3524N	180F3	1	ND	600	H	1	11
90,700	C	CAF	2140E 0950N	180F3	100	ND	300	H	5	
90,700	NOLA	CAF	1605E 0332N	180F3	100	ND	300	H	5	
90,700	KAMINA	CGO	2509E 0843S	180F3	100	ND	300	H	3	

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90,700	KENGE	CGO	1655E 0450S	180F3	100	ND	300	H	3	
90,700	OMBWE	CGO	2532E 0424S	180F3	100	ND	300	H	3	
90,700	KRIBI	CME	0956E 0256N	180F3	100	ND	300	H	5	
90,700	SAN BARTOLOME	CNR	1345W 2900N	180F3	72	ND	300	H	4	
90,700	FT ROUSSET	COG	1504E 0030S	180F3	100	ND	300	H	5	
90,700	KODIMASSOU	CTI	0438W 0553N	180F3	100	ND	300	H	5	
90,700	SHARM ELSHEIKH	EGY	3415E 2752N	180F3	100	ND	150	H	2	
90,700	GONDAR	ETH	3725E 1236N	180F3	60	ND	1200	H	6	
90,700	HOSSANA	ETH	3754E 0720N	180F3	10	ND	600	H	6	
90,700	OMBOUE	GAB	0916E 0135S	180F3	100	ND	300	H	5	
90,700	KINDIA	GUI	1254W 1004N	180F3	100	ND	600	H	3	
90,700	BADINGA	HVO	0041E 1205N	180F3	100	ND	300	H	3	
90,700	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
90,700	TEITA	KEN	3820E 0325S	180F3	100	ND	300	H	3	
90,700	ANTONIBE	MDG	4724E 1507S	180F3	10	ND	300	H	3	
90,700	VOHIDRAZANA	MDG	4831E 1858S	180F3	500	ND	600	H	3	
90,700	MABOZE	MOZ	3210E 2345S	180F3	50	ND	75	H	3	
90,700	BIR MOGREIM	MTN	1131W 2508N	180F3	100	ND	300	H	2	
90,700	BILMA	NGR	1253E 1840N	180F3	100	ND	300	H	3	
90,700	ABAKALIKI	NIG	0810E 0620N	180F3	100	ND	300	H	5	
90,700	MANKOYA	RHN	2448E 1448S	180F3	100	ND	150	H	3	
90,700	OBOCK	SMF	4317E 1158N	180F3	*	ND	75	H	2	* 0,05 KW
90,700	LERE	TCD	1413E 0940N	180F3	100	D	300	H	5	74/180/360/10
90,700	KRA	TGO	0121E 0720N	180F3	100	ND	300	H	5	
90,700	MASINDI	UGA	3140E 0140N	180F3	100	ND	150	H	3	
90,786	C90	AFS	2018E 2642S	200F3	38	ND	150	H	2	
90,786	KLEIN WATERVAL	AFS	2158E 3203S	200F3	38	ND	300	H	6	
90,786	PT SHEPSTONE	AFS	3017E 3044S	200F3	38	ND	300	H	6	
90,786	VAALPLAAS	AFS	2857E 2536S	200F3	38	ND	300	H	6	
90,786	ANTONIO ZAIRE	AGL	1217E 0606S	180F3	50	ND	150	H	3	
90,786	HENRI CARVALHO	AGL	2023E 0939S	180F3	50	ND	38	H	3	
90,786	MAVINGA	AGL	2016E 1530S	180F3	50	ND	75	H	3	
90,786	PT AMBOIM	AGL	1346E 1044S	180F3	50	ND	75	H	3	
90,786	D	CAF	1900E 0825N	180F3	100	ND	300	H	5	
90,786	BOYERA	CGO	1923E 0040S	180F3	50	ND	300	H	3	
90,786	GEMENA	CGO	1946E 0317N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
90,786	GUNGU	CGO	1919E 0544S	180F3	100	ND	300	H	3	
90,786	KABAMBARE	CGO	2739E 0441S	180F3	100	ND	300	H	3	
90,786	NGAMBE 2	CME	1126E 0551N	180F3	100	ND	300	H	5	
90,786	GR COMORE C	COM	4318E 1137S	180F3	1	ND	700	H	4	
90,786	NIKKI	DAH	0313E 0956N	180F3	100	ND	300	H	3	
90,786	SOHAG	EGY	3143E 2627N	180F3	100	ND	150	H	2	
90,786	FRANCEVILLE	GAB	1333E 0136S	180F3	100	ND	300	H	5	
90,786	KISI	GHA	0130W 0510N	180F3	50	ND	200	H	5	
90,786	MACENTA	GUI	0929W 0835N	180F3	100	ND	600	H	5	
90,786	HARPER	LBR	0742W 0423N	180F3	20	ND	100	H	5	
90,786	PT LOUIS	MAU	5730E 2010S	180F3	5	ND	300	H	4	
90,786	KARIANGA	MDG	4723E 2225S	180F3	50	ND	300	H	3	
90,786	VONTOVORONA	MDG	4712E 1955S	180F3	10	ND	600	H	3	
90,786	BAFOULABE	MLI	1050W 1348N	180F3	100	ND	300	H	3	
90,786	TESSALIT	MLI	0100E 2013N	180F3	100	ND	300	H	2	
90,786	MILANGE	MOZ	3547E 1606S	180F3	50	ND	150	H	3	
90,786	L	MTN	0545W 1905N	180F3	100	ND	300	H	2	
90,786	E	NGR	0707E 2012N	180F3	100	ND	300	H	3	
90,786	HADEIJA	NIG	1000E 1210N	180F3	10	ND	300	H	3	
90,786	LEGION MINE	RHS	2834E 2122S	180F3	100	ND	150	H	3	
90,786	YAMBIO	SDN	2825E 0435N	180F3	100	ND	300	H	5	14
90,786	G	TCD	2326E 1941N	180F3	100	ND	300	H	2	
90,786	MOUTOGO	TCD	1846E 0829N	180F3	100	ND	300	H	5	
90,800	NEMOURS	ALG	0141W 3500N	180F3	1	ND	600	H	1	11
90,800	AZROU 1	MRC	0512W 3326N	180F3	1	ND	200	H	2	11
90,872	BEDFORD	AFS	2603E 3239S	200F3	38	ND	350	H	6	
90,872	C.TOWN MINOR	AFS	1824E 3357S	200F3	0,3	ND	1000	H	1	
90,872	S24	AFS	1710E 2240S	200F3	40	ND	300	H	2	
90,872	SCHWEIZERRENEK	AFS	2456E 2717S	200F3	38	ND	300	H	6	
90,872	SANZA POMBO	AGL	1600E 0706S	180F3	50	ND	150	H	3	
90,872	TEIXEIRA SILVA	AGL	1522E 1211S	180F3	10	ND	150	H	3	
90,872	BOUAR	CAF	1531E 0556N	180F3	100	ND	300	H	5	
90,872	MOUKA	CAF	2146E 0717N	180F3	100	ND	300	H	5	
90,872	BUMBA	CGO	2227E 0211N	180F3	100	ND	300	H	5	
90,872	LOMELA	CGO	2316E 0218S	180F3	100	ND	300	H	3	
90,872	MWENE DITU	CGO	2326E 0650S	180F3	100	ND	300	H	3	

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zone climática	10B Observations *Remarks* Observaciones
90,872	BOEMBE	COG	1545E 0258S	180F3	100	ND	300	H	5	
90,872	MANKONO	CTI	0612W 0808N	180F3	100	ND	300	H	5	
90,872	CALLAFO	ETH	4413E 0536N	180F3	10	D	150	H	2	74/330/90/0,5 74/150/270/0,5
90,872	CONSO-HOFA	ETH	3733E 0505N	180F3	60	ND	600	H	6	
90,872	LEKEMPTI	ETH	3645E 0910N	180F3	60	ND	1200	H	6	
90,872	TESSENEI	ETH	3641E 1507N	180F3	10	ND	600	H	6	
90,872	BAFATA	GNP	1441W 1210N	180F3	10	ND	75	H	4	
90,872	TYNYE	HVO	0110W 1430N	180F3	100	ND	300	H	3	
90,872	MACHAKOS	KEN	3715E 0130S	180F3	100	ND	300	H	3	
90,872	ANKILIMASY	MDG	4433E 2121S	180F3	100	ND	300	H	3	
90,872	KOLOKANI	MLI	0802W 1335N	180F3	100	ND	300	H	3	
90,872	LOUREN MARQUES	MOZ	3222E 2557S	180F3	100	ND	75	H	3	
90,872	PEBANE	MOZ	3807E 1720S	180F3	50	ND	75	H	3	
90,872	ROSSO	MTN	1549W 1631N	180F3	10	ND	300	H	4	
90,872	TICHIT	MTN	0929W 1829N	180F3	100	ND	300	H	2	
90,872	CHIRFA	NGR	1217E 2059N	180F3	100	ND	300	H	3	
90,872	KADUNA	NIG	0726E 1033N	180F3	100	ND	300	H	3	
90,872	KIGALI	RRW	3004E 0157S	180F3	1	ND	1200	H	3	
90,872	HAVELOCK	SWZ	3108E 2557S	180F3	5	ND	300	H	3	
90,872	MOROGORO	TGK	3740E 0640S	180F3	100	ND	600	H	3	
90,872	ARUA	UGA	3055E 0305N	180F3	100	ND	150	H	3	
90,900	CANROBERT	ALG	0708E 3535N	180F3	5	ND	600	H	1	11
90,900	MANSOURA	EGY	3127E 3109N	180F3	100	ND	300	H	2	12
90,958	BARRACK HILL	ADN	4459E 1247N	180F3	5	ND	150	H	4	13
90,958	BETHLEHEM	AFS	2830E 2814S	200F3	38	ND	300	H	6	
90,958	HOUMOED	AFS	1953E 2912S	200F3	38	ND	300	H	2	
90,958	S63	AFS	1930E 1802S	200F3	40	ND	300	H	2	
90,958	MAHALAPYE	BCH	2645E 2310S	180F3	10	ND	300	H	6	
90,958	KONDOLOLE	CGO	2602E 0122N	180F3	100	ND	300	H	5	
90,958	KUTU	CGO	1808E 0243S	180F3	50	ND	300	H	3	
90,958	LULONGA	CGO	1825E 0032S	180F3	50	ND	300	H	5	
90,958	LUMUNA	CGO	2630E 0347S	180F3	100	ND	300	H	3	
90,958	KONKOUATI	COG	1110E 0400S	180F3	100	ND	300	H	5	
90,958	KOUN ABROSSO	CTI	0317W 0727N	180F3	100	ND	600	H	5	
90,958	BAWITI	EGY	2850E 2822N	180F3	10	ND	150	H	2	

1	2	3	4	5	6	7	8	9	10A	10B
90,958	ADWA	ETH	3854E 1414N	180F3	60	ND	1200	H	6	
90,958	MDN GADAOUNDOU	GUI	1134W 1151N	180F3	100	ND	300	H	3	
90,958	AMBODIFOTATRA	MDG	4952E 1700S	180F3	100	ND	300	H	3	
90,958	ANALAVASA	MDG	4902E 1333S	180F3	10	ND	300	H	3	
90,958	BEKISOPA	MDG	4558E 2133S	180F3	100	ND	300	H	3	
90,958	FORT DAUPHIN	MDG	4658E 2500S	180F3	100	ND	600	H	3	
90,958	SAN	MLI	0453W 1318N	180F3	100	ND	300	H	3	
90,958	INHAMINGA	MOZ	3500E 1824S	180F3	50	ND	150	H	3	
90,958	MAGARIA	NGR	0853E 1302N	180F3	100	D	300	H	3	74/80/280/5
90,958	ISEYIN	NIG	0330E 0800N	180F3	100	ND	300	H	5	
90,958	KAMPALANJE	RHN	2650E 1330S	180F3	100	ND	150	H	3	
90,958	MERODUE	SDN	3150E 1810N	180F3	100	ND	300	H	2	14
90,958	EL BUR	SOM	4635E 0442N	180F3	0,5	ND	150	H	2	
90,958	ODDUR	SOM	4455E 0407N	180F3	0,5	ND	80	H	2	
91,000	HOMS	LBY	1420E 3252N	180F3	0,9	ND	300	H	2	11
91,044	S42	AFS	1530E 1950S	200F3	40	ND	300	H	2	
91,044	STRYDENBURG	AFS	2350E 3007S	200F3	38	ND	300	H	6	
91,044	T118	AFS	3047E 2351S	200F3	38	ND	300	H	6	
91,044	MAUN	BCH	2330E 2200S	180F3	10	ND	300	H	2	
91,044	MOBAYE	CAF	2055E 0425N	180F3	100	ND	300	H	5	
91,044	ARUMBI	CGO	3001E 0232N	180F3	100	ND	300	H	5	
91,044	DJOLU	CGO	2228E 0034N	180F3	100	ND	300	H	5	
91,044	MWEKA	CGO	2134E 0451S	180F3	100	ND	300	H	3	
91,044	SAIPANGA	CGO	2244E 0912S	180F3	100	ND	300	H	3	
91,044	MALETCHEN	CME	1401E 0229N	180F3	100	ND	300	H	5	
91,044	GEMSA	EGY	3332E 2741N	180F3	100	ND	150	H	2	
91,044	BONGA	ETH	3614E 0715N	180F3	10	ND	300	H	6	
91,044	OKONDJA	GAB	1347E 0040S	180F3	100	ND	300	H	5	
91,044	KANKAN	GUI	0932W 1014N	180F3	100	ND	600	H	3	
91,044	NOBERE	HVO	0140W 1137N	180F3	100	ND	300	H	3	
91,044	ANJOZOROBE	MDG	4750E 1823S	180F3	100	ND	300	H	3	
91,044	MAJUNGA	MDG	4620E 1542S	180F3	50	ND	300	H	3	
91,044	CHINGUETTI	MTN	1222W 2029N	180F3	100	ND	300	H	4	
91,044	MORIBOUGOU	MTN	0929W 1531N	180F3	10	ND	300	H	3	
91,044	AUCHI	NIG	0630E 0700N	180F3	100	ND	300	H	5	
91,044	SAINT JOSEPH	REU	5536E 2122S	180F3	0,3	ND	400	H	4	

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91,044	MPOROKOSO	RHN	3005E 0920S	180F3	100	ND	150	H	3	
91,044	ULONGA	RHN	3020E 1420S	180F3	100	ND	150	H	3	
91,044	FT VICTORIA	RHS	3049E 2003S	180F3	10	ND	150	H	3	
91,044	KAOLACK	SEN	1607W 1410N	180F3	100	ND	300	V	4	
91,044	LARGEAU	TCD	1908E 1757N	180F3	100	ND	300	H	3	
91,044	MOSHI	TGK	3720E 0320S	180F3	100	ND	1200	H	3	
91,100	PHILIPPEVILLE	ALG	0706E 3654N	180F3	0,5	D	650	H	1	11
91,100	TENES EL FEDJ	ALG	0117E 3629N	180F3	0,1	ND	550	H	1	11
91,130	KEETMANSHOOP	AFS	1820E 2625S	200F3	40	ND	300	H	2	
91,130	MIDDELPOS	AFS	2000E 3200S	200F3	38	ND	300	H	6	
91,130	RHODES	AFS	2807E 3018S	200F3	38	ND	500	H	6	
91,130	RUSTENBURG	AFS	2707E 2537S	200F3	30	ND	300	H	6	
91,130	S38	AFS	1908E 2035S	200F3	40	ND	300	H	2	
91,130	PT ALEXANDRE	AGL	1151E 1548S	180F3	50	ND	150	H	3	
91,130	GWANE	CGO	2554E 0442N	180F3	100	ND	300	H	5	
91,130	KAPANGA KWANGO	CGO	1703E 0508S	180F3	100	ND	300	H	3	
91,130	KISANDJI	CGO	1916E 0618S	180F3	100	ND	300	H	3	
91,130	LUBUDI	CGO	2559E 0958S	180F3	100	ND	300	H	3	
91,130	LUBUTU	CGO	2634E 0044S	180F3	100	ND	300	H	3	
91,130	LUKOLELA	CGO	1711E 0107S	180F3	100	ND	300	H	3	
91,130	LOPI	COG	1640E 0255N	180F3	100	ND	300	H	5	
91,130	KOFFIKRO	CTI	0323W 0524N	180F3	100	ND	300	H	5	
91,130	MOUILA	GAB	1102E 0151S	180F3	100	ND	300	H	5	
91,130	SANOUYA	GUI	1106W 1009N	180F3	100	ND	600	H	3	
91,130	KAMPTI	HVO	0331W 1004N	180F3	200	D	300	H	3	74/130/230/2
91,130	BEFANDRIANA	MDG	4835E 1512S	180F3	2	ND	600	H	3	
91,130	CHIBABAVA	MOZ	3338E 2020S	180F3	50	ND	75	H	3	
91,130	FURANCUNGO	MOZ	3336E 1454S	180F3	50	ND	150	H	3	
91,130	MOSSURIL	MOZ	4042E 1451S	180F3	50	ND	38	H	5	
91,130	BOUTILIMIT	MTN	1443W 1734N	180F3	100	D	300	H	4	74/150/210/10
91,130	AGADES	NGR	0759E 1658N	180F3	100	ND	300	H	3	
91,130	KHARTOUM	SDN	3240E 1525N	180F3	100	ND	300	H	3	14
91,130	TAMBACOUNDA	SEN	1341W 1347N	180F3	25	D	300	H	4	74/200/270/10
91,130	ALULA	SOM	5047E 1155N	180F3	0,1	ND	30	H	2	
91,130	MAKENI	SRL	1200W 0852N	180F3	50	ND	150	H	5	
91,130	DOBA	TCD	1651E 0840N	180F3	100	ND	300	H	5	

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91,130	MAO	TCD	1519E 1407N	180F3	100	ND	300	H	3	
91,130	MTWARA	TGK	4010E 1020S	180F3	100	ND	300	H	3	
91,200	BOU SAADA	ALG	0409E 3516N	180F3	0,1	ND	600	H	1	11
91,200	TANTA	EGY	3100E 3047N	180F3	100	ND	75	H	2	11
91,200	MARRAKECH	MRC	0801W 3146N	180F3	20	ND	300	H	2	11
91,216	C80	AFS	2229E 2722S	200F3	38	ND	350	H	2	
91,216	LOTHAIR	AFS	3037E 2612S	200F3	38	ND	300	H	6	
91,216	MILLER	AFS	2343E 3256S	200F3	38	ND	300	H	6	
91,216	S22	AFS	1445E 2230S	200F3	40	ND	300	H	2	
91,216	CELA	AGL	1507E 1125S	180F3	50	ND	300	H	3	
91,216	BETAMBA	CGO	2124E 0217S	180F3	100	ND	300	H	3	
91,216	BUSU MELO	CGO	2005E 0144N	180F3	100	ND	300	H	5	
91,216	GOMA	CGO	2914E 0141S	180F3	100	ND	300	H	3	
91,216	NIANGARA	CGO	2754E 0341N	180F3	100	ND	300	H	5	
91,216	BETAREOYA	CME	1407E 0536N	180F3	100	ND	300	H	5	
91,216	S.MARIA	CPV	2254W 1636N	180F3	50	ND	75	H	4	
91,216	ISNA	EGY	3230E 2517N	180F3	200	ND	150	H	2	
91,216	MENDI	ETH	3505E 0947N	180F3	10	ND	600	H	6	
91,216	TAMALE	GHA	0045W 0920N	180F3	50	ND	120	H	5	
91,216	S.DOMINGOS	GNP	1612W 1226N	180F3	10	ND	75	H	4	
91,216	NZEREKORE	GUI	0849W 0743N	180F3	100	ND	300	H	5	
91,216	K	MLI	0425W 1750N	180F3	100	ND	300	H	2	
91,216	KITA	MLI	0931W 1304N	180F3	100	ND	600	H	3	
91,216	MOCUBA	MOZ	3659E 1650S	180F3	50	ND	150	H	3	
91,216	IDJIL	MTN	1240W 2240N	180F3	10	ND	300	H	4	
91,216	KIFFA	MTN	1124W 1637N	180F3	100	ND	300	H	3	
91,216	FILINGUE	NGR	0319E 1421N	180F3	100	ND	300	H	3	
91,216	KONTAGORA	NIG	0530E 1010N	180F3	100	ND	300	H	3	
91,216	PT HARCOURT	NIG	0701E 0451N	180F3	100	ND	300	H	5	
91,216	SAINT DENIS	REU	5526E 2053S	180F3	1	ND	600	H	4	
91,216	EL FASHER	SDN	2520E 1329N	180F3	100	ND	300	H	3	14
91,216	GELIB	SOM	4247E 0028N	180F3	0,1	ND	40	H	2	
91,302	BREDASDORP	AFS	1954E 3432S	200F3	38	ND	300	H	1	
91,302	EAST LONDON	AFS	2749E 3256S	200F3	38	ND	300	H	6	
91,302	KOSIES	AFS	1735E 2905S	200F3	38	ND	350	H	2	
91,302	S21	AFS	1835E 2310S	200F3	40	ND	300	H	2	

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91,302	S61	AFS	1730E 1802S	200F3	40	ND	300	H	2	
91,302	WELKOM	AFS	2635E 2812S	200F3	38	ND	300	H	6	
91,302	CHITEMBO	AGL	1633E 1317S	180F3	50	ND	75	H	3	
91,302	BOSSABEMLE	CAF	1740E 0515N	180F3	100	ND	300	H	5	
91,302	YALINGA	CAF	2309E 0631N	180F3	100	ND	300	H	5	
91,302	KABONGO	CGO	2535E 0720S	180F3	100	ND	300	H	3	
91,302	KINDU	CGO	2555E 0257S	180F3	100	ND	300	H	3	
91,302	MUSHIE	CGO	1655E 0301S	180F3	100	ND	300	H	3	
91,302	FT FOUREAU	CME	1502E 1205N	180F3	200	ND	300	H	5	
91,302	MONGANDIA	CDG	1710E 0040N	180F3	100	ND	300	H	5	
91,302	MT NIANGBO	CTI	0511W 0849N	180F3	100	ND	600	H	5	
91,302	ABU ZENIMA	EGY	3215E 2900N	180F3	100	ND	150	H	2	
91,302	GHION	ETH	3756E 0837N	180F3	60	ND	1200	H	6	
91,302	MEGA	ETH	3819E 0404N	180F3	3	ND	600	H	2	
91,302	GAOUAL	GUI	1311W 1141N	180F3	100	ND	600	H	3	
91,302	ROBERTSPORT	LBR	1122W 0645N	180F3	10	ND	100	H	4	
91,302	ANDILAMENA	MDG	4832E 1702S	180F3	100	ND	600	H	3	
91,302	DIOILA	MLI	0648W 1229N	180F3	100	ND	300	H	3	
91,302	PT ETIENNE	MTN	1703W 2053N	180F3	10	ND	300	H	4	
91,302	D	NGR	0536E 1910N	180F3	100	ND	300	H	3	
91,302	TESSAOUA	NGR	0758E 1348N	180F3	100	ND	300	H	3	
91,302	ETANG SALE	REU	5521E 2116S	180F3	0,3	ND	300	H	4	
91,302	NSEFU	RHN	3157E 1254S	180F3	100	ND	150	H	3	
91,302	NTAMBU	RHN	2508E 1240S	180F3	100	ND	150	H	3	
91,302	DJIBOUTI	SMF	4309E 1135N	180F3	0,1	ND	75	H	2	
91,302	SCUSCIUBAN	SOM	5015E 1015N	180F3	0,2	ND	65	H	2	
91,302	FADA	TCD	2130E 1712N	180F3	100	ND	300	H	3	
91,302	GOZ BEIDA	TCD	2125E 1213N	180F3	100	ND	300	H	3	
91,302	MAFIA	TGK	3935E 0755S	180F3	100	ND	150	H	3	
91,388	GREYTOWN	AFS	3032E 2901S	200F3	38	ND	750	H	3	
91,388	POTGIETERSRUST	AFS	2915E 2410S	200F3	38	ND	600	H	6	
91,388	S40	AFS	1335E 1935S	200F3	40	ND	300	H	2	
91,388	VAN WYKSVLEI	AFS	2134E 3013S	200F3	38	ND	300	H	2	
91,388	V SARMENTO	AGL	2033E 0807S	180F3	50	ND	75	H	3	
91,388	BEFALE	CGO	2057E 0027N	180F3	100	ND	300	H	5	
91,388	BOSOBOLO	CGO	1955E 0413N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
91,388	ITULA	CGO	2750E 0330S	180F3	100	ND	300	H	3	
91,388	LUANZA	CGO	2842E 0840S	180F3	100	ND	300	H	3	
91,388	TSHELA	CGO	1250E 0500S	180F3	100	ND	300	H	3	
91,388	BIBINDA	CME	1226E 0330N	180F3	100	ND	300	H	5	
91,388	KONTCHA	CME	1214E 0758N	180F3	200	ND	300	H	5	
91,388	ANJOUAN S	COM	4430E 1219S	180F3	1	ND	900	H	4	
91,388	ASYUT	EGY	3104E 2711N	180F3	100	ND	150	H	2	
91,388	LASTOURVILLE	GAB	1242E 0049S	180F3	100	ND	300	H	5	
91,388	BARANAMA	GUI	0846W 1008N	180F3	100	ND	300	H	3	
91,388	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
91,388	TCHIEN	LBR	0807W 0604N	180F3	10	ND	200	H	4	
91,388	BEDASY	MDG	4652E 1842S	180F3	100	ND	300	H	3	
91,388	NIAFOUNKE	MLI	0359W 1556N	180F3	100	ND	300	H	3	
91,388	VILA CABRAL	MOZ	3514E 1318S	180F3	50	ND	300	H	3	
91,388	GOURE	NGR	1016E 1401N	180F3	100	ND	300	H	3	
91,388	OSHOGBO	NIG	0434E 0746N	180F3	100	ND	300	H	5	
91,388	KALABO	RHN	2220E 1430S	180F3	100	ND	150	H	3	
91,388	KAPIRI MPOSHI	RHN	2815E 1410S	180F3	100	ND	150	H	3	
91,388	GWELO	RHS	2956E 1931S	180F3	100	ND	150	H	3	
91,388	DAKAR	SEN	1726W 1440N	180F3	0,1	ND	300	H	4	
91,400	BOUGIE	ALG	0501E 3644N	180F3	1	D	300	H	1	11
91,400	MASCARA	ALG	0009E 3528N	180F3	10	D	300	H	1	11
91,400	AJEBADIA	LBY	2015E 3051N	180F3	0,9	ND	300	H	2	11
91,474	AUS	AFS	1630E 2635S	200F3	40	ND	300	H	2	
91,474	S36	AFS	1705E 2040S	200F3	40	ND	300	H	2	
91,474	VENTERSTAD	AFS	2542E 3057S	200F3	38	ND	300	H	6	
91,474	LOBATSI	BCH	2535E 2515S	180F3	10	ND	300	H	6	
91,474	OUANDA DJALE	CAF	2246E 0853N	180F3	100	ND	300	H	5	
91,474	DIMBELENGE	CGO	2305E 0532S	180F3	100	ND	300	H	3	
91,474	KIMVULA	CGO	1549E 0554S	180F3	100	ND	300	H	3	
91,474	MBOLI	CGO	2317E 0401N	180F3	100	ND	300	H	5	
91,474	YANONGE	CGO	2441E 0037N	180F3	100	ND	300	H	5	
91,474	MOHELI W	COM	4340E 1221S	180F3	0,1	ND	300	H	4	
91,474	GUITRI	CTI	0514W 0531N	180F3	100	ND	300	H	5	
91,474	NIABOCOGO	CTI	0642W 0937N	180F3	100	ND	600	H	5	
91,474	SAFAGA	EGY	3400E 2642N	180F3	100	ND	150	H	2	

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91,474	DAGABUR	ETH	4333E 0815N	180F3	10	ND	150	H	2	
91,474	BITOU	HVO	0047W 1113N	180F3	200	D	300	H	3	74/150/210/2
91,474	BENENITRA	MDG	4509E 2325S	180F3	100	ND	600	H	3	
91,474	DYOUMARA	MLI	0834W 1432N	180F3	100	ND	300	H	3	
91,474	HOMBORI	MLI	0140W 1515N	180F3	100	ND	900	H	3	
91,474	FINGOE	MOZ	3153E 1510S	180F3	50	ND	38	H	3	
91,474	NAMPULA	MOZ	3916E 1507S	180F3	100	ND	75	H	5	
91,474	H	NGR	1145E 2303N	180F3	100	ND	300	H	3	
91,474	OWERRI	NIG	0740E 0520N	180F3	25	ND	300	H	5	
91,474	KASAMA	RHN	3110E 1012S	180F3	100	ND	150	H	3	
91,474	KOUNGHEUL	SEN	1447W 1358N	180F3	50	D	300	H	4	74/130/260/10
91,474	MOGADISCIO	SOM	4522E 0205N	180F3	60	ND	200	H	2	
91,474	S.TOME	STP	0645E 0021N	180F3	10	ND	38	H	5	
91,474	BAI BOKOUM	TCD	1540E 0744N	180F3	100	ND	600	H	5	
91,474	BILTINE	TCD	2055E 1432N	180F3	100	ND	300	H	3	
91,474	LOME	TGO	0113E 0608N	180F3	100	ND	300	H	5	
91,474	FORT PORTAL	UGA	3020E 0040N	180F3	100	ND	300	H	3	
91,500	CAIRO	EGY	3115E 3003N	180F3	100	ND	300	H	2	11
91,560	C78	AFS	2018E 2735S	200F3	38	ND	150	H	2	
91,560	JOHANNESBURG	AFS	2800E 2612S	200F3	100	ND	300	H	6	
91,560	P.ALBERT ROAD	AFS	2145E 3257S	200F3	38	ND	300	H	6	
91,560	PT ST.JOHNS	AFS	2925E 3134S	200F3	38	ND	350	H	6	
91,560	AMBRIZETE	AGL	1252E 0714S	180F3	50	ND	38	H	3	
91,560	AVIZ	AGL	1322E 1632S	180F3	50	ND	75	H	3	
91,560	BETANGAFO	CAF	1820E 0718N	180F3	100	ND	300	H	5	
91,560	BANGADI	CGO	2751E 0450N	180F3	100	ND	300	H	5	
91,560	BANGURU	CGO	2710E 0030N	180F3	100	ND	300	H	5	
91,560	BOMBOMA	CGO	1900E 0218N	180F3	100	ND	300	H	5	
91,560	KIRI	CGO	1900E 0123S	180F3	100	ND	300	H	3	
91,560	LUSHIKO	CGO	2000E 0658S	180F3	20	ND	300	H	3	
91,560	NYUNSU	CGO	2800E 0600S	180F3	100	ND	300	H	3	
91,560	BOUNA	CTI	0300W 0916N	180F3	100	ND	300	H	5	
91,560	BIMBEREKE	DAH	0239E 1014N	180F3	100	ND	300	H	3	
91,560	ASOSA	ETH	3441E 1024N	180F3	10	ND	300	H	6	
91,560	DESSIE	ETH	3938E 1107N	180F3	60	ND	300	H	6	
91,560	VOINJAMA	LBR	0945W 0826N	180F3	10	ND	200	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
91,560	DIEGO SUAREZ	MDG	4908E 1236S	180F3	10	ND	1200	H	3	
91,560	POSTEROMARTINA	MDG	4600E 1935S	180F3	100	ND	600	H	3	
91,560	MAMBONE	MOZ	3500E 2100S	180F3	50	ND	75	H	3	
91,560	CHIROMO	NYA	3505E 1630S	180F3	100	ND	150	H	3	
91,560	KOURMOUK	SDN	3450E 0530N	180F3	100	ND	300	H	3	14
91,560	DALAFI	SEN	1224W 1340N	180F3	10	ND	300	H	4	
91,560	DUSA MAREB	SOM	4625E 0530N	180F3	0,1	ND	80	H	2	
91,560	SONGEA	TGK	3540E 1035S	180F3	100	ND	150	H	3	
91,600	SEBDOU	ALG	0114W 3417N	180F3	5	ND	300	H	1	11
91,600	TIZI OUZOU	ALG	0403E 3644N	180F3	0,1	ND	600	H	1	11
91,600	TOBRUK	LBY	2357E 3205N	180F3	10	ND	150	H	2	11
91,600	KHENIFRA 2	MRC	0540W 3253N	180F3	1	ND	750	H	2	11
91,646	GOLELA	AFS	3202E 2616S	200F3	38	ND	300	H	3	
91,646	KNEUKEL	AFS	2410E 2815S	200F3	38	ND	200	H	6	
91,646	PT.ELIZABETH	AFS	2533E 3356S	200F3	38	ND	300	H	6	
91,646	S19	AFS	1630E 2320S	200F3	40	ND	300	H	2	
91,646	S59	AFS	1530E 1803S	200F3	40	ND	300	H	2	
91,646	NOVA LISBOA	AGL	1540E 1250S	180F3	100	ND	150	H	3	
91,646	BOUROURI	BDI	2940E 0410S	180F3	100	ND	300	H	3	14
91,646	BRIA	CAF	2155E 0630N	180F3	100	ND	300	H	5	
91,646	O	CAF	1250E 0510N	180F3	100	ND	300	H	5	
91,646	BAUDOUINVILLE	CGO	2952E 0714S	180F3	100	ND	300	H	3	
91,646	BOSENGE	CGO	2220E 0118N	180F3	100	ND	300	H	5	
91,646	LODJA	CGO	2331E 0332S	180F3	100	ND	300	H	3	
91,646	TSHABUTA	CGO	2307E 0742S	180F3	100	ND	300	H	3	
91,646	WATSA	CGO	2928E 0303N	180F3	100	ND	300	H	5	
91,646	MAROUA	CME	1419E 1037N	180F3	100	ND	600	H	5	
91,646	PANGALA	COG	1435E 0325S	180F3	100	ND	300	H	5	
91,646	MAKOKOU	GAB	1250E 0034N	180F3	100	ND	300	H	5	
91,646	CATIO	GNP	1515W 1115N	180F3	10	ND	38	H	4	
91,646	PISSILA	HVO	0049W 1310N	180F3	100	ND	300	H	3	
91,646	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
91,646	IANADABO	MDG	4400E 2216S	180F3	100	ND	600	H	3	
91,646	MAEVATANANA	MDG	4649E 1658S	180F3	50	ND	300	H	3	
91,646	BAMAKO	MLI	0801W 1239N	180F3	100	ND	300	H	3	
91,646	BIRNI NKONI	NGR	0512E 1348N	180F3	100	D	300	H	3	74/90/270/5

PLAN POUR LES STATIONS DE RADIODIFFUSION SONORE DANS LA BANDE DE FRÉQUENCES 87,5-100 MHz
PLAN FOR SOUND BROADCASTING STATIONS IN THE FREQUENCY BAND 87.5-100 Mc/s
PLAN PARA LAS ESTACIONES DE RADIODIFUSIÓN SONORA EN LA BANDA DE FRECUENCIAS 87,5-100 Mc/s

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zone climática	10B Observations *Remarks* Observaciones
91,646	TROIS BASSINS	REU	5518E 2106S	180F3	0,3	ND	900	H	4	
91,646	BANGWEULU	RHN	3010E 1205S	180F3	100	ND	150	H	3	
91,646	SALISBURY	RHS	3104E 1747S	180F3	100	ND	300	H	3	
91,646	ST LOUIS	SEN	1529W 1600N	180F3	0,1	ND	300	H	4	
91,646	LUGH FERRANDI	SOM	4233E 0350N	180F3	0,5	ND	80	H	2	
91,646	MANGALME	TCD	1935E 1223N	180F3	100	ND	600	H	3	
91,700	TETUAN DERSA 1	MRC	0523W 3536N	180F3	10	ND	500	H	2	11
91,732	CRATER PASS	ADN	4502E 1247N	180F3	1	ND	150	H	4	13
91,732	HOUNDSLOW	AFS	2708E 2352S	200F3	38	ND	150	H	6	
91,732	JAGGERSPLAAT	AFS	1934E 3002S	200F3	38	ND	300	H	2	
91,732	S54	AFS	1905E 1855S	200F3	40	ND	300	H	2	
91,732	ALJUSTREL	AGL	1950E 1350S	180F3	50	ND	75	H	3	
91,732	CAUNGULA	AGL	1840E 0820S	180F3	50	ND	150	H	3	
91,732	GEORGETOWN	ASC	1425W 0756S	180F3	5	ND	600	H	4	
91,732	MAFETENG	BAS	2730E 2950S	180F3	10	ND	300	H	6	
91,732	BANGUI	CAF	1835E 0423N	180F3	100	ND	300	H	5	
91,732	DJEMA	CAF	2515E 0608N	180F3	100	ND	300	H	5	
91,732	BANALIA	CGO	2523E 0134N	180F3	100	ND	300	H	5	
91,732	COQUILHATVILLE	CGO	1818E 0001S	180F3	100	ND	300	H	5	
91,732	KASONGO TONGON	CGO	2632E 0429S	180F3	100	ND	300	H	3	
91,732	LOLODORF	CME	1044E 0314N	180F3	100	ND	300	H	5	
91,732	MUT	EGY	2855E 2530N	180F3	10	ND	150	H	2	
91,732	WIAWSO	GHA	0229W 0616N	180F3	50	ND	120	H	5	
91,732	LABE	GUI	1214W 1118N	180F3	100	ND	600	H	3	
91,732	MALINDI	KEN	4005E 0315S	180F3	100	ND	150	H	3	
91,732	GBARNGA	LBR	0908W 0728N	180F3	2	ND	300	H	4	
91,732	MORAFENO BE	MDG	4452E 1752S	180F3	100	ND	300	H	3	
91,732	E	MLI	0140W 2235N	180F3	100	ND	300	H	2	
91,732	KOUTIALA	MLI	0528W 1223N	180F3	100	ND	300	H	3	
91,732	FUNHALOURO	MOZ	3427E 2307S	180F3	50	ND	75	H	3	
91,732	VILA PERY	MOZ	3329E 1907S	180F3	50	ND	150	H	3	
91,732	A	MTN	1511W 2020N	180F3	100	ND	300	H	4	
91,732	E	MTN	1105W 2555N	180F3	10	ND	300	H	2	
91,732	L	NGR	1525E 1830N	180F3	100	ND	300	H	3	
91,732	IBI	NIG	1040E 0820N	180F3	100	ND	300	H	5	
91,732	CHIPATA	NYA	3355E 1304S	180F3	100	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
91,732	SHAKWANKI SPRI	RHS	2620E 1915S	180F3	100	ND	150	H	3	
91,732	SEDO ABAS	SEN	1327W 1547N	180F3	10	ND	300	H	4	
91,732	BULO BURTI	SOM	4535E 0351N	180F3	10	ND	200	H	2	
91,732	BOUSSO	TCD	1625E 1029N	180F3	100	ND	300	H	3	
91,732	EGUITIMMI	TCD	1619E 1548N	180F3	100	ND	300	H	3	
91,732	I	TCD	2247E 1623N	180F3	100	ND	300	H	3	
91,732	MBEYA	TGK	3330E 0850S	180F3	100	ND	1200	H	3	
91,732	SHINYANGA	TGK	3325E 0340S	180F3	100	ND	150	H	3	
91,732	LIRA	UGA	3255E 0210N	180F3	100	ND	150	H	3	
91,800	CONSTANTINE	ALG	0634E 3624N	180F3	100	ND	1200	H	1	11
91,800	ABU HOMMUS	EGY	3019E 3106N	180F3	100	ND	75	H	2	11
91,818	DEELFONTEIN	AFS	2356E 3107S	200F3	38	ND	300	H	6	
91,818	DUBLIN	AFS	3040E 2427S	200F3	38	ND	750	H	6	
91,818	S34	AFS	1512E 2030S	200F3	40	ND	300	H	2	
91,818	PAIVA COUCEIRO	AGL	1433E 1450S	180F3	50	ND	75	H	3	
91,818	LUANIKA	CGO	1425E 0535S	180F3	100	ND	300	H	3	
91,818	LOMIE	CME	1338E 0310N	180F3	100	ND	300	H	5	
91,818	OMIE	CME	1424E 0749N	180F3	100	ND	600	H	5	
91,818	LAS PALMAS	CNR	1525W 2808N	180F3	1	ND	75	H	4	
91,818	SOUBRE	CTI	0636W 0546N	180F3	100	ND	300	H	5	
91,818	LEKONI	GAB	1414E 0135S	180F3	100	ND	300	H	5	
91,818	AJANGOTE	GHA	0010W 0535N	180F3	50	ND	250	H	5	
91,818	KUNTAUR	GMB	1450W 1332N	180F3	25	ND	300	H	4	
91,818	SORIBADOUGOU	GUI	0825W 0912N	180F3	100	ND	300	H	5	
91,818	DOUENTZA	MLI	0258W 1458N	180F3	100	ND	600	H	3	
91,818	I	MLI	0430W 2020N	180F3	100	ND	300	H	2	
91,818	YELIMANE	MLI	1034W 1507N	180F3	100	ND	300	H	3	
91,818	EL MILHEAS	MTN	0654W 2453N	180F3	100	ND	300	H	2	
91,818	BENIN	NIG	0537E 0619N	180F3	100	ND	300	H	5	
91,818	MUBI	NIG	1318E 1019N	180F3	100	ND	300	H	3	
91,818	PETITE ILE	REU	5533E 2119S	180F3	0,3	ND	700	H	4	
91,818	MONGU	RHN	2308E 1515S	180F3	100	ND	150	H	3	
91,818	RUFUNSA	RHN	2935E 1503S	180F3	100	ND	150	H	3	
91,818	DINSOR	SOM	4300E 0225N	180F3	0,5	ND	60	H	2	
91,818	SINGAKO	TCD	1928E 0951N	180F3	100	ND	300	H	5	
91,900	ALGER MATIFOU	ALG	0314E 3649N	180F3	5	ND	75	H	1	12

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91,900	SAIDA	ALG	0006E 3450N	180F3	0,1	ND	500	H	1	11
91,900	ZARIA	NIG	0740E 1100N	180F3	10	ND	300	H	3	
91,904	COLIGNY	AFS	2610E 2623S	200F3	38	ND	300	H	6	
91,904	ENGCOBO	AFS	2744E 3142S	200F3	38	ND	300	H	6	
91,904	PIQUETBERG	AFS	1844E 3250S	200F3	38	ND	200	H	1	
91,904	S4	AFS	1802E 2715S	200F3	40	ND	300	H	2	
91,904	S30	AFS	1835E 2130S	200F3	40	ND	300	H	2	
91,904	CUANGO	AGL	1633E 0614S	180F3	50	ND	150	H	3	
91,904	KIRIMA	AGL	1805E 1030S	180F3	50	ND	75	H	3	
91,904	ANGO	CGO	2550E 0402N	180F3	100	ND	300	H	5	
91,904	BOLOBO	CGO	1615E 0228S	180F3	100	ND	300	H	3	
91,904	KABINDA	CGO	2426E 0608S	180F3	100	ND	300	H	3	
91,904	KOLWEZI	CGO	2527E 1047S	180F3	100	ND	300	H	3	
91,904	LOWA	CGO	2552E 0128S	180F3	100	ND	300	H	3	
91,904	BAMENDA	CME	1009E 0556N	180F3	200	ND	300	H	5	
91,904	OUESSO	COG	1602E 0140N	180F3	100	ND	300	H	5	
91,904	GR COMORE W	COM	4314E 1145S	180F3	1	ND	300	H	4	
91,904	ABIDJAN	CTI	0401W 0526N	180F3	100	ND	300	H	5	
91,904	KOROGHO	CTI	0539W 0927N	180F3	100	ND	300	H	5	
91,904	ABOMEY CALAVI	DAH	0225E 0630N	180F3	100	ND	300	H	5	
91,904	WARDARE	ETH	4523E 0659N	180F3	3	ND	150	H	2	
91,904	TCHIBANGA	GAB	1103E 0251S	180F3	100	ND	300	H	5	
91,904	AMBATOMAHABO	MDG	4509E 2008S	180F3	100	ND	300	H	3	
91,904	ANTSATRANA	MDG	4853E 1543S	180F3	100	ND	600	H	3	
91,904	MABROUK	MLI	0115W 1930N	180F3	100	ND	300	H	2	
91,904	MOURDHIA	MLI	0727W 1459N	180F3	100	ND	300	H	3	
91,904	V.DE JOAO BELO	MOZ	3338E 2503S	180F3	50	ND	75	H	3	
91,904	SAINT ANDRE	REU	5537E 2055S	180F3	5	ND	300	H	4	
91,904	MWILA E	RHN	3240E 1125S	180F3	100	ND	150	H	3	
91,904	VICTORIA	SEY	5529E 0443S	180F3	5	ND	600	H	2	
91,904	MASSAKORY	TCD	1544E 1300N	180F3	100	ND	300	H	3	
91,904	MOISSALA	TCD	1746E 0820N	180F3	100	ND	300	H	5	
91,904	TABORA	TGK	3250E 0500S	180F3	100	ND	150	H	3	
91,904	TANGA	TGK	3908E 0505S	180F3	100	ND	1200	H	3	
91,990	S57	AFS	1340E 1810S	200F3	40	ND	300	H	2	
91,990	SKEURBERG	AFS	2215E 2815S	200F3	38	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10A	10B
91,990	UNIONDALE	AFS	2254E 3338S	200F3	38	ND	600	H	6	
91,990	VOLKSRUST	AFS	2950E 2712S	200F3	38	ND	300	H	6	
91,990	FT SIBUT	CAF	1905E 0544N	180F3	100	ND	300	H	5	
91,990	BASANKUSU	CGO	1948E 0113N	180F3	100	ND	300	H	5	
91,990	BUKAVU	CGO	2852E 0220S	180F3	100	ND	300	H	3	
91,990	LOKOLAMA	CGO	1953E 0234S	180F3	100	ND	300	H	3	
91,990	MBOI	CGO	2154E 0656S	180F3	100	ND	300	H	3	
91,990	PAULIS	CGO	2738E 0246N	180F3	100	ND	300	H	5	
91,990	SAKANIA	CGO	2831E 1241S	180F3	100	ND	300	H	3	
91,990	MAYOTTE	COM	4509E 1252S	180F3	10	ND	600	H	4	
91,990	PRAIA	CPV	2331W 1455N	180F3	100	ND	75	H	4	
91,990	MT TONKOUI	CTI	0738W 0727N	180F3	100	ND	600	H	5	
91,990	BUSH	EGY	3107E 2909N	180F3	100	ND	150	H	2	
91,990	BANTALA	GHA	0145W 0940N	180F3	50	ND	100	H	5	
91,990	KISII	KEN	3440E 0040S	180F3	100	ND	300	H	3	
91,990	AMBALANIRANA	MDG	5000E 1351S	180F3	100	ND	600	H	3	
91,990	KANDREHO	MDG	4605E 1728S	180F3	100	ND	300	H	3	
91,990	KIDAL	MLI	0120E 1825N	180F3	100	ND	300	H	2	
91,990	KOURAGUE	MLI	1003W 1220N	180F3	100	ND	600	H	3	
91,990	LANFIERA	MLI	0409W 1330N	180F3	100	ND	300	H	3	
91,990	ALEG	MTN	1351W 1703N	180F3	100	D	300	H	4	74/150/210/10
91,990	G	MTN	0835W 2705N	180F3	10	ND	300	H	2	
91,990	J	MTN	0658W 2222N	180F3	100	ND	300	H	2	
91,990	DOSSO	NGR	0312E 1303N	180F3	100	ND	300	H	3	
91,990	DUKWA	NIG	1030E 1040N	180F3	100	ND	300	H	3	
91,990	ILORIN	NIG	0433E 0832N	180F3	100	ND	300	H	5	
91,990	OUANTAGOI	TCD	1635E 2136N	180F3	100	ND	300	H	2	
92,000	AUMALE	ALG	0339E 3605N	180F3	50	ND	1200	H	1	11
92,000	JEFREN	LBY	1230E 3210N	180F3	0,9	ND	300	H	2	11
92,000	MISURATA	LBY	1505E 3220N	180F3	0,9	ND	300	H	2	11
92,000	TARHUNA	LBY	1340E 3228N	180F3	0,9	ND	300	H	2	11
92,000	ESSAUIRA 1	MRC	0944W 3129N	180F3	1	ND	80	H	2	11
92,000	TAZA 1	MRC	0400W 3408N	180F3	1	ND	1000	H	2	11
92,076	BLOEMFONTEIN	AFS	2614E 2906S	200F3	100	ND	300	H	6	
92,076	S16	AFS	1750E 2410S	200F3	40	ND	300	H	2	
92,076	S52	AFS	1707E 1856S	200F3	40	ND	300	H	2	

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92,076	S68	AFS	2435E 1750S	200F3	40	ND	300	H	2	
92,076	SPRINGBOK	AFS	1758E 2946S	200F3	38	ND	300	H	2	
92,076	MONTE VERDE	AGL	1641E 0836S	180F3	50	ND	150	H	3	
92,076	BERBERATI	CAF	1534E 0403N	180F3	100	ND	300	H	5	
92,076	ISANGI	CGO	2410E 0046N	180F3	100	ND	300	H	5	
92,076	NANGA EBOKO	CME	1225E 0434N	180F3	100	ND	300	H	5	
92,076	BOKATA	COG	1710E 0027S	180F3	100	ND	300	H	5	
92,076	TANFROFOU	CTI	0407W 0618N	180F3	100	ND	300	H	5	
92,076	TOR	EGY	3339E 2814N	180F3	100	ND	150	H	2	
92,076	PT GENTIL	GAB	0842E 0042S	180F3	100	ND	300	H	5	
92,076	TYABOANDOU	HVO	0018W 1251N	180F3	100	ND	300	H	3	
92,076	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
92,076	RANOHIRA	MDG	4523E 2233S	180F3	100	ND	600	H	3	
92,076	TEMERA	MLI	0056W 1700N	180F3	100	ND	300	H	3	
92,076	TIMBEDRA	MTN	0812W 1616N	180F3	100	ND	300	H	3	
92,076	C	NGR	0504E 1740N	180F3	100	ND	300	H	3	
92,076	MARADI	NGR	0706E 1331N	180F3	100	D	300	H	3	74/90/270/5
92,076	NGUIGMI	NGR	1310E 1414N	180F3	100	ND	300	H	3	
92,076	KEFFI	NIG	0750E 0930N	180F3	25	ND	300	H	5	
92,076	FORT JAMESON	RHN	3236E 1335S	180F3	100	ND	150	H	3	
92,076	UMTALI	RHS	3237E 1857S	180F3	100	ND	150	H	3	
92,076	LINGUERE	SEN	1507W 1524N	180F3	25	ND	300	H	4	
92,076	BUR ACABA	SOM	4405E 0250N	180F3	0,1	ND	50	H	2	
92,076	HARGHEISA	SOM	4402E 0935N	180F3	100	ND	480	H	2	
92,076	BIGBEND	SWZ	3158E 2647S	180F3	5	ND	300	H	3	
92,076	D	TCD	1911E 2046N	180F3	100	ND	300	H	2	
92,076	SEIFOU	TCD	2140E 1115N	180F3	100	ND	300	H	3	
92,076	KILWA	TGK	3925E 0840S	180F3	100	ND	150	H	3	
92,100	RABAT	MRC	0652W 3400N	180F3	1	ND	50	H	2	11
92,162	BULWER	AFS	2945E 2948S	200F3	38	ND	600	H	3	
92,162	NABOOMSPRUIT	AFS	2834E 2436S	200F3	38	ND	200	H	6	
92,162	S47	AFS	2040E 1945S	200F3	40	ND	300	H	2	
92,162	WILLISTON	AFS	2112E 3102S	200F3	38	ND	300	H	6	
92,162	CABINDA	AGL	1211E 0532S	180F3	100	ND	150	H	3	
92,162	SA DA BANDEIRA	AGL	1330E 1454S	180F3	100	ND	150	H	3	
92,162	OBO	CAF	2626E 0522N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
92,162	BAFWASENDE	CGO	2713E 0107N	180F3	100	ND	300	H	5	
92,162	IDIOFA	CGO	1925E 0450S	180F3	100	ND	300	H	3	
92,162	KILWA	CGO	2809E 0908S	180F3	100	ND	300	H	3	
92,162	LIBENGE	CGO	1837E 0338N	180F3	100	ND	300	H	5	
92,162	BANYO	CME	1150E 0644N	180F3	200	ND	600	H	5	
92,162	SANGMELIMA	CME	1157E 0256N	180F3	100	ND	300	H	5	
92,162	KOULAMOUTOU	GAB	1333E 0136S	180F3	100	ND	300	H	5	
92,162	NKABIN	GHA	0135W 0620N	180F3	50	ND	150	H	5	
92,162	BATHURST	GMB	1640W 1325N	180F3	25	ND	300	H	4	
92,162	DOUAKO	GUI	1011W 0944N	180F3	100	ND	300	H	5	
92,162	GREENVILLE	LBR	0902W 0501N	180F3	20	ND	100	H	4	
92,162	KAYES	MLI	1125W 1423N	180F3	100	ND	600	H	3	
92,162	L	MLI	0030E 2030N	180F3	100	ND	300	H	2	
92,162	INHAMBANE	MOZ	3524E 2352S	180F3	100	ND	75	H	3	
92,162	F	MTN	0627W 2540N	180F3	100	ND	300	H	2	
92,162	IJEBU ODE	NIG	0355E 0649N	180F3	25	ND	300	H	5	
92,162	ZOMBA	NYA	3520E 1520S	180F3	100	ND	600	H	3	
92,162	LUSAKA	RHN	2822E 1526S	180F3	100	ND	150	H	3	
92,162	FT ARCHAMBAULT	TCD	1824E 0909N	180F3	100	ND	300	H	5	
92,162	NJOMBE	TGK	3445E 0920S	180F3	100	ND	300	H	3	
92,200	BONE	ALG	0738E 3654N	180F3	20	ND	600	H	1	11
92,248	CRADOCK	AFS	2539E 3155S	200F3	38	ND	400	H	6	
92,248	GENESA	AFS	2404E 2630S	200F3	38	ND	200	H	2	
92,248	KOMATIPOORT	AFS	3147E 2513S	200F3	38	ND	200	H	3	
92,248	S28	AFS	1650E 2140S	200F3	40	ND	300	H	2	
92,248	ALEMBA	AGL	1632E 1010S	180F3	50	ND	75	H	3	
92,248	MAQUELA ZOMBO	AGL	1507E 0603S	180F3	100	ND	150	H	3	
92,248	PEREIRA DECA	AGL	1548E 1704S	180F3	50	ND	150	H	3	
92,248	BONDO	CGO	2348E 0340N	180F3	100	ND	300	H	5	
92,248	DILOLO	CGO	2227E 1028S	180F3	100	ND	300	H	3	
92,248	IKELA	CGO	2305E 0107S	180F3	100	ND	300	H	3	
92,248	NGAOUNDERE	CME	1333E 0716N	180F3	100	ND	300	H	5	
92,248	ISMALAGHIORGIS	ETH	3655E 1136N	180F3	60	ND	600	H	6	
92,248	WULEHE	GHA	0000W 0832N	180F3	50	ND	100	H	5	
92,248	ARAOUANE	MLI	0330W 1855N	180F3	100	ND	300	H	2	
92,248	D	MTN	1237W 2324N	180F3	100	ND	300	H	4	

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92,248	B	NGR	0438E 1610N	180F3	100	ND	300	H	3	
92,248	BIRIRI	NIG	1140E 1210N	180F3	100	ND	300	H	3	
92,248	NSAMBO	RHN	2957E 1047S	180F3	100	ND	150	H	3	
92,248	MUSHUNGAYENDI	RHS	3016E 1622S	180F3	100	ND	150	H	3	
92,248	TRIANGLE	RHS	3126E 2102S	180F3	100	ND	150	H	3	
92,248	KOLDA	SEN	1459W 1254N	180F3	10	ND	300	H	4	
92,248	FREETOWN	SRL	1317W 0830N	180F3	50	ND	150	H	5	
92,248	ABECHE	TCD	2051E 1348N	180F3	100	ND	300	H	3	
92,248	MBARARA	UGA	3045E 0040S	180F3	100	ND	300	H	3	
92,300	MILIANA	ALG	0213E 3618N	180F3	*	ND	450	H	1	* 0,05 KW 11
92,334	FRANKFORT	AFS	2808E 2729S	200F3	38	ND	300	H	6	
92,334	HEIDELBERG	AFS	2102E 3400S	200F3	38	ND	300	H	1	
92,334	CUANGAR	AGL	1831E 1720S	180F3	50	ND	38	H	3	
92,334	A	CAF	2435E 0745N	180F3	100	ND	300	H	5	
92,334	KAHEMBA	CGO	1900E 0730S	180F3	100	ND	300	H	3	
92,334	KALIMA	CGO	2632E 0236S	180F3	100	ND	300	H	3	
92,334	TITULE	CGO	2532E 0314N	180F3	100	ND	300	H	5	
92,334	BAFOUSSAM	CME	1025E 0527N	180F3	100	ND	600	H	5	
92,334	GAMBONA	COG	1552E 0157S	180F3	100	ND	300	H	5	
92,334	IMPFONDO	COG	1803E 0140N	180F3	100	ND	300	H	5	
92,334	PARAKOU	DAH	0238E 0920N	180F3	100	ND	300	H	5	
92,334	ASMARA	ETH	3856E 1521N	180F3	60	ND	600	H	6	
92,334	NEGHELLI	ETH	3915E 0619N	180F3	60	ND	600	H	6	
92,334	ESSONE	GAB	1113E 0040N	180F3	100	ND	300	H	5	
92,334	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
92,334	AMBORAMPOTSY	MDG	4619E 2041S	180F3	100	ND	600	H	3	
92,334	BESALAMPY	MDG	4429E 1645S	180F3	50	ND	300	H	3	
92,334	ESIRATRAFONOMB	MDG	4643E 2433S	180F3	100	ND	600	H	3	
92,334	KE MACINA	MLI	0521W 1358N	180F3	100	ND	300	H	2	
92,334	MABOTE	MOZ	3410E 2200S	180F3	50	ND	75	H	3	
92,334	MUNGARI	MOZ	3330E 1710S	180F3	50	ND	75	H	3	
92,334	M	MTN	0543W 1815N	180F3	100	ND	300	H	2	
92,334	MZUZU	NYA	3400E 1126S	180F3	100	ND	150	H	3	
92,334	SOLWEZI	RHN	2625E 1210S	180F3	100	ND	150	H	3	
92,334	KAMATIVI MINE	RHS	2700E 1820S	180F3	100	ND	150	H	3	
92,334	AERE LAO	SEN	1420W 1624N	180F3	10	ND	300	H	4	

1	2	3	4	5	6	7	8	9	10A	10B
92,334	KEDOUGOU	SEN	1223W 1232N	180F3	100	D	500	H	4	74/140/270/4
92,334	KENEMA	SRL	1110W 0750N	180F3	50	ND	300	H	5	
92,334	B	TCD	1532E 1636N	180F3	100	ND	300	H	3	
92,334	BOKORO	TCD	1703E 1223N	180F3	100	ND	300	H	3	
92,334	MUSOMA	TGK	3355E 0135S	180F3	100	ND	150	H	3	
92,400	KABYLIE AKFADO	ALG	0434E 3638N	180F3	50	ND	1200	H	1	11
92,400	BENHA	EGY	3111E 3027N	180F3	100	ND	75	H	2	11
92,400	RABAT 2	MRC	0649W 3355N	180F3	1	ND	40	H	2	11
92,420	LITTLE ADEN	ADN	4553E 1246N	180F3	5	ND	300	H	4	13
92,420	GRIQUATOWN	AFS	2325E 2905S	200F3	38	ND	250	H	6	
92,420	NONGOMO	AFS	3120E 2757S	200F3	38	ND	750	H	3	
92,420	S14	AFS	1610E 2350S	200F3	40	ND	300	H	2	
92,420	S50	AFS	1500E 1850S	200F3	40	ND	300	H	2	
92,420	S66	AFS	2235E 1755S	200F3	40	ND	300	H	2	
92,420	SIBASA	AFS	3013E 2250S	200F3	38	ND	450	H	6	
92,420	CACONDA	AGL	1504E 1344S	180F3	50	ND	150	H	3	
92,420	QUIBAXE	AGL	1436E 0830S	180F3	50	ND	300	H	3	
92,420	USUMBURA	BDI	2921E 0323S	180F3	100	ND	300	H	5	14
92,420	ALINDAO	CAF	2118E 0502N	180F3	100	ND	300	H	5	
92,420	DUYE	CGO	2858E 0149N	180F3	100	ND	300	H	5	
92,420	KAPANGA KATANG	CGO	2245E 0825S	180F3	100	ND	300	H	3	
92,420	YASA	CGO	2112E 0341S	180F3	100	ND	300	H	3	
92,420	GAROUA	CME	1328E 0924N	180F3	100	ND	600	H	5	
92,420	MBANG	CME	1416E 0358N	180F3	100	ND	300	H	5	
92,420	MOUYOUNDZI	COG	1357E 0400S	180F3	100	ND	300	H	5	
92,420	ASWAN	EGY	3257E 2404N	180F3	200	ND	150	H	2	
92,420	POTWIA	GHA	0022E 0720N	180F3	50	ND	120	H	5	
92,420	OUAGADOUGOU	HVO	0131W 1221N	180F3	100	ND	300	H	3	
92,420	H	MLI	0540W 2200N	180F3	100	ND	300	H	2	
92,420	TOMBOUCTOU	MLI	0301W 1647N	180F3	100	ND	300	H	2	
92,420	MARRUPA	MOZ	3730E 1312S	180F3	50	ND	75	H	3	
92,420	KABBA	NIG	0600E 0740N	180F3	100	ND	300	H	5	
92,420	SOKOTO	NIG	0516E 1301N	180F3	100	ND	300	H	3	
92,420	QUE QUE	RHS	2946E 1855S	180F3	10	ND	150	H	3	
92,420	GALLABAT	SDN	3615E 1315N	180F3	100	ND	300	H	6	14
92,420	OUAOU	SDN	2800E 0735N	180F3	100	ND	300	H	5	14

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92,420	LOUGA	SEN	1613W 1538N	180F3	25	ND	300	H	4	
92,420	ABOUDEIA	TCD	1916E 1126N	180F3	100	ND	600	H	3	
92,506	BITTERFONTEIN	AFS	1831E 3056S	200F3	38	ND	300	H	1	
92,506	BOSMANSKOP	AFS	2713E 2959S	200F3	38	ND	300	H	6	
92,506	S13	AFS	1850E 2510S	200F3	40	ND	300	H	2	
92,506	S45	AFS	1835E 1935S	200F3	40	ND	300	H	2	
92,506	WONDERBOOM	AFS	2615E 2445S	200F3	38	ND	300	H	6	
92,506	BIRAO	CAF	2247E 1016N	180F3	100	ND	300	H	5	
92,506	KAMBA ORO	CAF	1651E 0340N	180F3	100	ND	300	H	5	
92,506	RAFAI	CAF	2358E 0459N	180F3	100	ND	300	H	5	
92,506	BIKORO	CGO	1808E 0040S	180F3	100	ND	300	H	3	
92,506	BUKAMA	CGO	2550E 0912S	180F3	100	ND	300	H	3	
92,506	STANLEYVILLE	CGO	2511E 0030N	180F3	100	ND	300	H	5	
92,506	BAFIA	CME	1116E 0446N	180F3	100	ND	300	H	5	
92,506	ADZOPE	CTI	0351W 0606N	180F3	100	ND	300	H	5	
92,506	RIO CAMPO	GNE	0949E 0218N	180F3	1	ND	75	H	5	
92,506	MAMOU	GUI	1206W 1022N	180F3	100	ND	300	H	3	
92,506	DIAPAGA	HVO	0147E 1204N	180F3	200	ND	300	H	3	
92,506	MARIAKANI	KEN	3928E 0355S	180F3	100	ND	600	H	3	
92,506	BUCHANAN	LBR	1003W 0553N	180F3	10	ND	100	H	4	
92,506	B MAKOTADLANA	MDG	4841E 1436S	180F3	50	ND	300	H	3	
92,506	MORONGA	MDG	4916E 1806S	180F3	50	ND	300	H	3	
92,506	GAO	MLI	0002W 1616N	180F3	100	ND	300	H	3	
92,506	NARA	MLI	0717W 1510N	180F3	100	ND	300	H	2	
92,506	BEL GUERDANE	MTN	1031W 2524N	180F3	100	ND	300	H	2	
92,506	NAKONDE	RHN	3247E 0916S	180F3	100	ND	150	H	3	
92,506	CHIPINGA	RHS	3232E 2012S	180F3	100	ND	150	H	3	
92,506	KELO	TCD	1548E 0925N	180F3	100	ND	300	H	5	
92,506	RIG RIG	TCD	1421E 1416N	180F3	100	ND	300	H	3	
92,592	BELFAST	AFS	3003E 2525S	200F3	38	ND	350	H	6	
92,592	C91	AFS	2212E 2632S	200F3	38	ND	150	H	2	
92,592	S32	AFS	1435E 2110S	200F3	40	ND	300	H	2	
92,592	THREE SISTERS	AFS	2309E 3156S	200F3	38	ND	300	H	6	
92,592	CHIVEMBA	AGL	1445E 1527S	180F3	50	ND	75	H	3	
92,592	KIBALA	AGL	1447E 1037S	180F3	50	ND	150	H	3	
92,592	NOQUI	AGL	1325E 0551S	180F3	50	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
92,592	NOVA CHAVES	AGL	2103E 1027S	180F3	50	ND	75	H	3	
92,592	GHANZI	BCH	2330E 2200S	180F3	10	ND	300	H	2	
92,592	BAMINGUI	CAF	2009E 0731N	180F3	100	ND	300	H	5	
92,592	ALBERTVILLE	CGO	2911E 0554S	180F3	100	ND	300	H	3	
92,592	BUSINGA	CGO	2058E 0316N	180F3	100	ND	300	H	5	
92,592	LUEBO	CGO	2122E 0520S	180F3	100	ND	300	H	3	
92,592	MONKOTO	CGO	2035E 0138S	180F3	100	ND	300	H	3	
92,592	MOHELI E	COM	4344E 1219S	180F3	10	ND	600	H	4	
92,592	NAG HAMADI	EGY	3218E 2602N	180F3	100	ND	150	H	2	
92,592	TENDAHO	ETH	4057E 1142N	180F3	3	ND	600	H	2	
92,592	MINKEBE	GAB	1246E 0151N	180F3	100	ND	300	H	5	
92,592	BEYLA	GUI	0839W 0842N	180F3	100	ND	300	H	5	
92,592	TSIAFAJAYONA	MDG	4716E 1920S	180F3	50	ND	600	H	3	
92,592	J	MLI	0430W 1900N	180F3	100	ND	300	H	2	
92,592	KORO	MLI	0305W 1404N	180F3	100	ND	300	H	3	
92,592	MENAKA	MLI	0217E 1557N	180F3	100	ND	300	H	2	
92,592	VILA JUNQUEIRO	MOZ	3659E 1528S	180F3	50	ND	150	H	3	
92,592	POTISKUM	NIG	1030E 1130N	180F3	100	ND	300	H	3	
92,592	WARRI	NIG	0544E 0531N	180F3	100	ND	300	H	5	
92,592	KAWAMBWA	RHN	2905E 0947S	180F3	100	ND	150	H	3	
92,592	SILUANA	RHN	2302E 1650S	180F3	100	ND	150	H	3	
92,592	KARIBA	RHS	2847E 1632S	180F3	100	ND	150	H	3	
92,592	ZIGUINCHOR	SEN	1615W 1235N	180F3	10	D	300	H	4	74/90/270/1
92,592	CHISIMAIO	SOM	4232E 0022S	180F3	60	ND	80	H	2	
92,592	ATI	TCD	1820E 1314N	180F3	100	ND	300	H	3	
92,592	KABALE	UGA	3000E 0120S	180F3	100	ND	150	H	5	
92,600	GUELMA	ALG	0724E 3622N	180F3	0,5	ND	1000	H	1	11
92,678	KING WILLIAMS	AFS	2715E 3241S	200F3	38	ND	350	H	6	
92,678	PAARL	AFS	1856E 3343S	200F3	0,3	ND	350	H	1	
92,678	S1	AFS	1800E 2820S	200F3	40	ND	300	H	2	
92,678	S25	AFS	1808E 2225S	200F3	40	ND	300	H	2	
92,678	WOLMARANSTAD	AFS	2603E 2714S	200F3	38	ND	300	H	6	
92,678	SILVA PORTO	AGL	1656E 1223S	180F3	50	ND	75	H	3	
92,678	AAIUN	AOE	1318W 2710N	180F3	100	ND	75	H	4	
92,678	ABA	CGO	3015E 0353N	180F3	100	ND	300	H	5	
92,678	AKETI	CGO	2356E 0325N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
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92,678	KALOKO	CGO	2547E 0647S	180F3	100	ND	300	H	3	
92,678	MULONGA FUNGA	CGO	2529E 1109S	180F3	100	ND	300	H	3	
92,678	NKONGSAMBA	CME	0954E 0500N	180F3	200	ND	600	H	5	
92,678	BARENTU	ETH	3737E 1507N	180F3	3	ND	300	H	6	
92,678	MUSTAHIL	ETH	4437E 0517N	180F3	10	D	150	H	2	74/330/90/0,5 74/150/270/0,5
92,678	LIBREVILLE	GAB	0928E 0025N	180F3	100	D	300	H	5	74/240/45/25
92,678	NOVA LAMEGO	GNP	1414W 1217N	180F3	5	ND	75	H	4	
92,678	DORI	HVO	0002W 1402N	180F3	100	ND	300	H	3	
92,678	EJEDA	MDG	4431E 2420S	180F3	100	ND	300	H	3	
92,678	TOUGOUNI	MLI	0713W 1313N	180F3	100	ND	300	H	3	
92,678	MUEDA	MOZ	3933E 1140S	180F3	50	ND	300	H	3	
92,678	BIRNI LALLE	NGR	0716E 1425N	180F3	100	ND	300	H	3	
92,678	KAFANCHAN	NIG	0820E 0940N	180F3	100	ND	300	H	5	
92,678	SAINTE ROSE	REU	5550E 2108S	180F3	0,5	ND	300	H	4	
92,678	MPIKA	RHN	3125E 1150S	180F3	100	ND	150	H	3	
92,678	SESHEKE	RHN	2420E 1725S	180F3	100	ND	150	H	3	
92,678	INYANGA	RHS	3248E 1757S	180F3	100	ND	300	H	3	
92,678	FANAYE DIERI	SEN	1514W 1632N	180F3	10	ND	300	H	4	
92,678	GARDO	SOM	4905E 0930N	180F3	0,2	ND	70	H	2	
92,678	ZEILA	SOM	4330E 1120N	180F3	0,5	ND	60	H	2	
92,678	DAR ES SALAAM	TGK	3915E 0650S	180F3	100	ND	150	H	3	
92,764	GLENCOE	AFS	2956E 2809S	200F3	38	ND	300	H	3	
92,764	KENHARDT	AFS	2127E 2910S	200F3	38	ND	300	H	2	
92,764	S48	AFS	1250E 1850S	200F3	40	ND	300	H	2	
92,764	S64	AFS	2030E 1802S	200F3	40	ND	300	H	2	
92,764	SWARTWATER	AFS	2815E 2250S	200F3	38	ND	300	H	6	
92,764	AMBRIZ	AGL	1304E 0750S	180F3	50	ND	38	H	3	
92,764	BENGUELA	AGL	1325E 1235S	180F3	50	ND	75	H	3	
92,764	DUNDO	AGL	2051E 0720S	180F3	100	ND	150	H	3	
92,764	FT DE POSSEL	CAF	1913E 0503N	180F3	100	ND	300	H	5	
92,764	BOLOMBA	CGO	1915E 0045N	180F3	100	ND	300	H	5	
92,764	KAPONGOLO	CGO	2812E 0751S	180F3	100	ND	300	H	3	
92,764	OSHWE	CGO	1935E 0323S	180F3	100	ND	300	H	3	
92,764	YAOUNDE	CME	1129E 0354N	180F3	100	ND	600	H	5	
92,764	DOLISIE	COG	1240E 0410S	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
92,764	METELO	CTI	0809W 0653N	180F3	100	ND	300	H	5	
92,764	EL FAIYUM	EGY	3050E 2918N	180F3	100	ND	150	H	2	
92,764	EL MINYA	EGY	3035E 2805N	180F3	100	ND	75	H	2	
92,764	ADIGRAT	ETH	3928E 1416N	180F3	3	ND	150	H	6	
92,764	TORI	ETH	3335E 0754N	180F3	60	ND	150	H	2	
92,764	BOOUE	GAB	1156E 0001S	180F3	100	ND	300	H	5	
92,764	SAKPA	GHA	0215W 0850N	180F3	50	ND	100	H	5	
92,764	BONE	GUI	1130W 1132N	180F3	100	ND	300	H	3	
92,764	SANABA	HVO	0353W 1224N	180F3	100	ND	300	H	3	
92,764	KIRARO MENA	MDG	4603E 1817S	180F3	100	ND	150	H	3	
92,764	TSITENA	MDG	4710E 2127S	180F3	10	ND	300	H	3	
92,764	RASELMA	MLI	0428W 1636N	180F3	100	ND	300	H	2	
92,764	MAGHAMA	MTN	1252W 1532N	180F3	10	ND	300	H	4	
92,764	BOUMBA	NGR	0251E 1225N	180F3	100	ND	300	H	3	
92,764	OGBOMOSHO	NIG	0410E 0810N	180F3	100	ND	300	H	5	
92,764	PITONHYACINTHE	REU	5533E 2112S	180F3	1	ND	600	H	4	
92,764	NKAI	RHS	2852E 1838S	180F3	100	ND	150	H	3	
92,764	SENGA	SDN	3350E 1335N	180F3	100	ND	300	H	6	14
92,764	H	TCD	2347E 1753N	180F3	100	ND	300	H	3	
92,764	ZOUAR	TCD	1632E 2026N	180F3	100	ND	300	H	2	
92,764	IRINGA	TGK	3545E 0750S	180F3	100	ND	300	H	3	
92,800	ALGER CHREA	ALG	0253E 3626N	180F3	100	ND	1200	H	1	11
92,800	TANGER 1	MRC	0549W 3544N	180F3	20	ND	150	H	2	11
92,850	LETABA	AFS	3140E 2349S	200F3	38	ND	250	H	6	
92,850	PHILIPPOLIS	AFS	2526E 3004S	200F3	38	ND	300	H	6	
92,850	S11	AFS	1615E 2510S	200F3	40	ND	300	H	2	
92,850	S43	AFS	1630E 1935S	200F3	40	ND	300	H	2	
92,850	MALANGE	AGL	1625E 0930S	180F3	100	ND	75	H	3	
92,850	V.ARTUR PAIVA	AGL	1618E 1428S	180F3	50	ND	75	H	3	
92,850	KEMBE	CAF	2156E 0428N	180F3	100	ND	300	H	5	
92,850	BUNIA	CGO	3012E 0132N	180F3	100	ND	300	H	5	
92,850	KORET	CGO	2323E 0036N	180F3	100	ND	300	H	5	
92,850	LEOPOLDVILLE	CGO	1515E 0420S	180F3	100	ND	300	H	3	
92,850	LUBEFU	CGO	2425E 0448S	180F3	100	ND	300	H	3	
92,850	ULAMBA	CGO	2341E 0909S	180F3	100	ND	300	H	3	
92,850	EDEA	CME	1008E 0347N	180F3	100	ND	300	H	5	

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92,850	POLI	CME	1315E 0829N	180F3	100	ND	600	H	5	
92,850	TCHEVI	CME	1330E 1010N	180F3	100	ND	600	H	5	
92,850	YOKADOUMA	CME	1511E 0325N	180F3	200	ND	300	H	5	
92,850	KELLE	COG	1430E 0004S	180F3	100	ND	300	H	5	
92,850	HURGHADA	EGY	3350E 2715N	180F3	100	ND	150	H	2	
92,850	ASSAB	ETH	4245E 1301N	180F3	3	ND	150	H	4	
92,850	JIGGIGA	ETH	4247E 0920N	180F3	3	ND	300	H	2	
92,850	BASUALA	GNE	0854E 0338N	180F3	1	ND	300	H	5	
92,850	CONAKRY	GUI	1327W 0946N	180F3	100	D	1200	H	4	74/310/20/10
92,850	KOUPELA	HVO	0021W 1211N	180F3	100	ND	300	H	3	
92,850	BOUGOUNI	MLI	0730W 1126N	180F3	100	ND	300	H	3	
92,850	ENUGU	NIG	0729E 0620N	180F3	100	ND	75	H	5	
92,850	GUSAU	NIG	0627E 1212N	180F3	100	ND	300	H	3	
92,850	ABERCORN	RHN	3130E 0903S	180F3	100	ND	150	H	3	
92,850	LUKULU	RHN	2313E 1415S	180F3	100	ND	150	H	3	
92,850	PETAUKE	RHN	3115E 1415S	180F3	100	ND	150	H	3	
92,850	GUTU	RHS	3109E 1940S	180F3	100	ND	150	H	3	
92,850	MBACKE	SEN	1555W 1448N	180F3	15	ND	300	H	4	
92,850	JAMESTOWN	SHN	0543W 1536S	180F3	5	ND	600	H	3	
92,850	HARAZE	TCD	2054E 0957N	180F3	100	ND	300	H	5	
92,900	LA CALLE	ALG	0635E 3650N	180F3	0,5	ND	400	H	1	11
92,900	EL MAGRUN	LBY	2006E 3126N	180F3	0,9	ND	300	H	2	11
92,936	AROAB	AFS	1935E 2640S	200F3	40	ND	300	H	2	
92,936	MOUNT AYLIFF	AFS	2924E 3050S	200F3	38	ND	600	H	6	
92,936	PRETORIA	AFS	2758E 2542S	200F3	45	ND	300	H	6	
92,936	S39	AFS	2012E 2037S	200F3	40	ND	300	H	2	
92,936	SNYERSPOST	AFS	2051E 3204S	200F3	38	ND	300	H	6	
92,936	CACOLO	AGL	1920E 1020S	180F3	50	ND	75	H	3	
92,936	FRANCISTOWN	BCH	2730E 2120S	180F3	10	ND	300	H	6	
92,936	FESHI	CGO	1808E 0607S	180F3	100	ND	300	H	3	
92,936	INONGO	CGO	1816E 0156S	180F3	100	ND	300	H	3	
92,936	KABALO	CGO	2654E 0602S	180F3	100	ND	300	H	3	
92,936	KABUNDI	CGO	2714E 1006S	180F3	100	ND	300	H	3	
92,936	NKAMBE	CME	1040E 0612N	180F3	200	ND	300	H	5	
92,936	BETOU	COG	1830E 0305N	180F3	100	ND	300	H	5	
92,936	KANDI	DAH	0256E 1108N	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
92,936	LEBAMBA	GAB	1132E 0209S	180F3	100	ND	300	H	5	
92,936	EBEBIYIN	GNE	1119E 0210N	180F3	1	ND	600	H	5	
92,936	MILLIMOU	GUI	1010W 0853N	180F3	100	ND	300	H	5	
92,936	NIANGOLOKO	HVO	0455W 1017N	180F3	200	D	300	H	3	74/80/200/2
92,936	ISEKENY	MDG	4456E 1909S	180F3	100	ND	300	H	3	
92,936	INHARRIME	MOZ	3504E 2429S	180F3	50	ND	36	H	3	
92,936	VILA COUTINHO	MOZ	3419E 1435S	180F3	50	ND	150	H	3	
92,936	K	MTN	0546W 2040N	180F3	100	ND	300	H	2	
92,936	KANO	NIG	0832E 1159N	180F3	100	ND	300	H	3	
92,936	LAGOS	NIG	0327E 0627N	180F3	100	ND	300	H	5	
92,936	MAGOYE	RHN	2735E 1601S	180F3	100	ND	150	H	3	
92,936	OMDURMAN	SDN	3235E 1540N	180F3	100	ND	300	H	3	14
92,936	MOUSSORO	TCD	1630E 1339N	180F3	100	ND	300	H	3	
92,936	MBALE	UGA	3410E 0105N	180F3	100	ND	600	H	3	
93,022	JANSENVILLE	AFS	2457E 3254S	200F3	38	ND	350	H	6	
93,022	KURUMAN	AFS	2328E 2725S	200F3	38	ND	300	H	2	
93,022	S23	AFS	1610E 2235S	200F3	40	ND	300	H	2	
93,022	CAZOMBO	AGL	2255E 1153S	180F3	100	ND	150	H	3	
93,022	DAMBA	AGL	1455E 0633S	180F3	50	ND	150	H	3	
93,022	BATTINGA	CAF	2030E 0630N	180F3	100	ND	300	H	5	
93,022	BAKWANGA	CGO	2335E 0609S	180F3	100	ND	300	H	3	
93,022	DUNGU	CGO	2833E 0337N	180F3	100	ND	300	H	5	
93,022	LISALA	CGO	2130E 0209N	180F3	100	ND	300	H	5	
93,022	LOTO	CGO	2230E 0248S	180F3	100	ND	300	H	3	
93,022	LEKANA	COG	1435E 0219S	180F3	100	ND	600	H	5	
93,022	GHIMBI	ETH	3549E 0911N	180F3	10	ND	300	H	6	
93,022	BISSAU	GNP	1536W 1152N	180F3	100	ND	75	H	4	
93,022	ITITINGA	HVO	0201W 1350N	180F3	100	ND	300	H	3	
93,022	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
93,022	AMPOSINAMBO	MDG	4805E 2032S	180F3	100	ND	600	H	3	
93,022	BOUDIEBEHA	MLI	0245W 1835N	180F3	100	ND	300	H	2	
93,022	G	MLI	0540W 2330N	180F3	100	ND	300	H	2	
93,022	TAMCHAKETT	MTN	1043W 1716N	180F3	100	ND	300	H	3	
93,022	MARADI	NGR	0706E 1331N	180F3	100	D	300	H	3	74/90/270/5
93,022	TAHOUA	NGR	0514E 1452N	180F3	100	ND	300	H	3	
93,022	CALABAR	NIG	0819E 0458N	180F3	100	ND	300	H	5	

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93,022	MINNA	NIG	0630E 0936N	180F3	25	ND	300	H	5	
93,022	MATAMVE	RHS	3020E 2157S	180F3	100	ND	150	H	3	
93,022	MT DARWIN	RHS	3137E 1652S	180F3	100	ND	150	H	3	
93,022	MT KARISIMBI	RRW	2929E 0132S	180F3	50	ND	2400	H	3	
93,022	MANZINI	SWZ	3122E 2630S	180F3	10	ND	300	H	3	
93,022	TUNDURU	TGK	3720E 1105S	180F3	100	ND	300	H	3	
93,100	PT SAID	EGY	3218E 3116N	180F3	100	ND	75	H	2	11
93,100	TRIPOLI	LBY	1315E 3254N	180F3	5	ND	150	H	2	11
93,108	HOTSON	AFS	1849E 2905S	200F3	38	ND	300	H	2	
93,108	S62	AFS	1830E 1802S	200F3	40	ND	300	H	2	
93,108	SENEKAL	AFS	2731E 2816S	200F3	38	ND	300	H	6	
93,108	BOGANGOLO	CAF	1811E 0532N	180F3	100	ND	300	H	5	
93,108	DOBANE	CAF	2438E 0628N	180F3	100	ND	300	H	5	
93,108	BANNINGVILLE	CGO	1720E 0317S	180F3	100	ND	300	H	3	
93,108	KOLE	CGO	2232E 0324N	180F3	100	ND	300	H	5	
93,108	MANONO	CGO	2726E 0716S	180F3	100	ND	300	H	3	
93,108	PANGI	CGO	2638E 0315S	180F3	100	ND	300	H	3	
93,108	NGAMBE 1	CME	1038E 0421N	180F3	100	ND	300	H	5	
93,108	LONGO	COG	1745E 0009N	180F3	100	ND	300	H	5	
93,108	ADI ARKAI	ETH	3758E 1332N	180F3	10	ND	600	H	6	
93,108	ZUQUALA	ETH	3853E 0833N	180F3	60	ND	1200	H	6	
93,108	NDJOLE	GAB	1044E 0011S	180F3	100	ND	300	H	5	
93,108	MALI	GUI	1217W 1206N	180F3	100	ND	1200	H	3	
93,108	CUREPIPE	MAU	5732E 2019S	180F3	50	ND	600	H	4	
93,108	ANTANIMORA	MDG	4541E 2445S	180F3	100	ND	600	H	3	
93,108	MAROMANDIA	MDG	4810E 1413S	180F3	10	ND	600	H	3	
93,108	VAVATENINA	MDG	4912E 1728S	180F3	100	ND	300	H	3	
93,108	F	MLI	0255W 2255N	180F3	100	ND	300	H	2	
93,108	TABANKORT	MLI	0015E 1749N	180F3	100	ND	300	H	2	
93,108	PT AMELIA	MOZ	4029E 1258S	180F3	100	ND	38	H	5	
93,108	VILA GOUVEIA	MOZ	3310E 1804S	180F3	50	ND	150	H	3	
93,108	KAEDI	MTN	1330W 1609N	180F3	10	ND	300	H	4	
93,108	OUALATA	MTN	0701W 1717N	180F3	100	ND	300	H	3	
93,108	ARAFOU IRISSA	NGR	1446E 2105N	180F3	100	ND	300	H	3	
93,108	ZINDER	NGR	0859E 1349N	180F3	100	ND	300	H	3	
93,108	KASEMPA	RHN	2547E 1323S	180F3	100	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
93,108	LUNDAZI	RHN	3310E 1215S	180F3	100	ND	150	H	3	
93,108	WANKIE	RHS	2631E 1825S	180F3	10	ND	150	H	3	
93,108	PORT SOUDAN	SDN	3710E 1935N	180F3	100	ND	300	H	2	14
93,108	BERBERA	SOM	4502E 1025N	180F3	0,5	ND	35	H	2	
93,108	MASSENYA	TCD	1610E 1124N	180F3	100	ND	300	H	3	
93,108	MONGORORO	TCD	2228E 1201N	180F3	100	ND	300	H	3	
93,108	MWANZA	TGK	3250E 0230S	180F3	100	ND	300	H	3	
93,108	GULU	UGA	3220E 0248N	180F3	100	ND	300	H	3	
93,194	ESHOWE	AFS	3118E 2852S	200F3	38	ND	300	H	3	
93,194	PRIESKA	AFS	2241E 3005S	200F3	38	ND	300	H	6	
93,194	S41	AFS	1420E 1950S	200F3	40	ND	300	H	2	
93,194	TURFLOOP	AFS	2958E 2348S	200F3	38	ND	500	H	6	
93,194	VILA SALAZAR	AGL	1454E 0918S	180F3	50	ND	300	H	3	
93,194	BANZYVILLE	CGO	2110E 0418N	180F3	100	ND	300	H	5	
93,194	BARAKA	CGO	2905E 0409S	180F3	100	ND	300	H	3	
93,194	MAMBASA	CGO	2903E 0121N	180F3	100	ND	300	H	5	
93,194	PORT FRANCQUI	CGO	2077E 0417S	180F3	100	ND	300	H	3	
93,194	ABONGMBANG	CME	1312E 0402N	180F3	100	ND	300	H	5	
93,194	TCHAMBA	CME	1243E 0840N	180F3	200	ND	300	H	5	
93,194	S.CRUZ TENERIF	CNR	1615W 2830N	180F3	1	ND	75	H	4	
93,194	MALIMBA	GAB	1320E 0100S	180F3	100	ND	300	H	5	
93,194	KOUNDIAN	GUI	0854W 1055N	180F3	100	ND	300	H	3	
93,194	LEO	HVO	0206W 1153N	180F3	200	D	300	H	3	74/100/210/2
93,194	ANTALAHA	MDG	5016E 1454S	180F3	100	ND	300	H	3	
93,194	TULEAR	MDG	4346E 2328S	180F3	50	ND	300	H	3	
93,194	AKURE	NIG	0512E 0715N	180F3	100	ND	300	H	5	
93,194	CHIENGI	RHN	2925E 0830S	180F3	100	ND	150	H	3	
93,194	MKUSHI	RHN	2925E 1335S	180F3	100	ND	150	H	3	
93,194	THIES	SEN	1657W 1446N	180F3	10	ND	300	H	4	
93,194	ANSE BOILEAU	SEY	5529E 0443S	180F3	1	ND	600	H	2	
93,194	BARDERA	SOM	4220E 0221N	180F3	0,5	ND	180	H	2	
93,194	ARUSHA	TGK	3640E 0320S	180F3	100	ND	600	H	3	
93,200	MOSTAGANEM	ALG	0006E 3535N	180F3	*	ND	150	H	1	* 0,05 KW 11
93,200	EL JADIDA 2	MRC	0826W 3308N	180F3	1	ND	50	H	2	11
93,280	ALIWAL NORTH	AFS	2642E 3057S	200F3	38	ND	500	H	6	
93,280	BETHANIE	AFS	1720E 2630S	200F3	40	ND	300	H	2	

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1	2	3	4	5	6	7	8	9	10A	10B
93,280	GRAAFWATER	AFS	1839E 3205S	200F3	38	ND	300	H	1	
93,280	S37	AFS	1808E 2045S	200F3	40	ND	300	H	2	
93,280	ZEERUST	AFS	2551E 2542S	200F3	38	ND	300	H	6	
93,280	CAIUNDO	AGL	1730E 1550S	180F3	50	ND	75	H	3	
93,280	NOVA GAIA	AGL	1715E 1006S	180F3	50	ND	75	H	3	
93,280	BANZALI	CGO	2445E 0434N	180F3	100	ND	300	H	5	
93,280	PONTHIERVILLE	CGO	2540E 0027S	180F3	100	ND	300	H	3	
93,280	SOKELE	CGO	2440E 0954S	180F3	100	ND	300	H	3	
93,280	TSHOFA	CGO	2516E 0513S	180F3	100	ND	300	H	3	
93,280	MOSSAKA	COG	1648E 0110S	180F3	100	ND	300	H	5	
93,280	DEBRE TABOR	ETH	3811E 1143N	180F3	60	ND	1200	H	6	
93,280	SETTE CAMA	GAB	0945E 0231S	180F3	100	ND	300	H	5	
93,280	BASSE	GMB	1415W 1320N	180F3	25	D	300	H	4	74/150/200/5
93,280	PAMA	HVO	0040E 1119N	180F3	200	D	300	H	3	74/130/210/2
93,280	AMBONONDRONOMB	MDG	4619E 2328S	180F3	100	ND	600	H	3	
93,280	CANICADO	MOZ	3301E 2430S	180F3	50	ND	38	H	3	
93,280	ESPUNGABERA	MOZ	3236E 2022S	180F3	50	ND	75	H	3	
93,280	EMI FRAHA	NGR	1250E 2238N	180F3	100	ND	300	H	3	
93,280	IN GALL	NGR	0656E 1647N	180F3	100	ND	300	H	3	
93,280	M	NGR	1450E 1700N	180F3	100	ND	300	H	3	
93,280	SAMARU	NIG	0740E 1110N	180F3	100	ND	300	H	3	
93,280	CHINSALI	RHN	3204E 1032S	180F3	100	ND	150	H	3	
93,280	KATABA	RHN	2508E 1605S	180F3	100	ND	150	H	3	
93,280	DUCA D.ABRUZZI	SOM	4530E 0245N	180F3	0,1	ND	50	H	2	
93,280	LUNSAR	SRL	1203W 0841N	180F3	50	ND	300	H	5	
93,280	BOL	TCD	1443E 1328N	180F3	100	ND	300	H	3	
93,280	MOUNDOU	TCD	1605E 0835N	180F3	100	ND	300	H	5	
93,280	KAMPALA	UGA	3230E 0020N	180F3	100	ND	600	H	3	
93,366	BETHAL	AFS	2937E 2627S	200F3	38	ND	300	H	6	
93,366	C79	AFS	2140E 2720S	200F3	38	ND	150	H	2	
93,366	DWAALFONTEIN	AFS	2236E 3256S	200F3	38	ND	300	H	6	
93,366	BESSA MONTEIRO	AGL	1334E 0718S	180F3	50	ND	150	H	3	
93,366	NOVO REDONDO	AGL	1350E 1112S	180F3	50	ND	75	H	3	
93,366	FT CRAMPEL	CAF	1910E 0659N	180F3	100	ND	300	H	5	
93,366	BUDJALA	CGO	1945E 0237N	180F3	100	ND	300	H	5	
93,366	TSHIKAPA	CGO	2048E 0628S	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
93,366	YOKO	CME	1220E 0531N	180F3	100	ND	600	H	5	
93,366	MOSSENDJO	COG	1242E 0257S	180F3	100	ND	300	H	5	
93,366	MINDELO	CPV	2500W 1654N	180F3	100	ND	75	H	4	
93,366	TABOU	CTI	0721W 0424N	180F3	100	ND	300	H	5	
93,366	BEICA	ETH	3431E 0920N	180F3	3	ND	150	H	6	
93,366	ANDRANOMAVO	MDG	4533E 1634S	180F3	50	ND	300	H	3	
93,366	MORAMANGA	MDG	4815E 1857S	180F3	100	ND	300	H	3	
93,366	VOHIBEANTOETRA	MDG	4721E 2048S	180F3	10	ND	300	H	3	
93,366	KENIEBA	MLI	1112W 1251N	180F3	100	ND	600	H	3	
93,366	I	MTN	0700W 2353N	180F3	100	ND	300	H	2	
93,366	MOUDJERIA	MTN	1219W 1752N	180F3	100	ND	300	H	4	
93,366	OUALLAM	NGR	0205E 1419N	180F3	100	ND	300	H	3	
93,366	BUSSA	NIG	0420E 0950N	180F3	100	ND	300	H	5	
93,366	DELTA	NIG	0610E 0500N	180F3	5	ND	300	H	5	
93,366	UMUAHIA	NIG	0729E 0532N	180F3	10	ND	300	H	5	
93,366	FORT ROSEBERY	RHN	2853E 1110S	180F3	100	ND	150	H	3	
93,366	CAHANDO	SOM	4708E 0603N	180F3	200	ND	250	H	2	
93,366	DODOMA	TGK	3550E 0610S	180F3	100	ND	150	H	3	
93,400	BISKRA	ALG	0532E 3448N	180F3	1	ND	300	H	1	11
93,400	SIDI FERRUCH	ALG	0251E 3646N	180F3	*	ND	70	H	1	* 0,05 KW 11
93,452	C.TOWN MAJOR	AFS	1823E 3403S	200F3	38	ND	700	H	1	
93,452	GRAHAMSTOWN	AFS	2642E 3317S	200F3	38	ND	300	H	6	
93,452	S20	AFS	1730E 2320S	200F3	40	ND	300	H	2	
93,452	S60	AFS	1630E 1805S	200F3	40	ND	300	H	2	
93,452	WARRENTON	AFS	2515E 2816S	200F3	38	ND	300	H	6	
93,452	CARNOT	CAF	1858E 0458N	180F3	100	ND	300	H	5	
93,452	KANIAMA	CGO	2412E 0732S	180F3	100	ND	300	H	3	
93,452	KATAKO KOMBE	CGO	2420E 0327S	180F3	100	ND	300	H	3	
93,452	KWAMOUTH	CGO	1612E 0311S	180F3	100	ND	300	H	3	
93,452	MOKARIA	CGO	2319E 0159N	180F3	100	ND	300	H	5	
93,452	BUEA	CME	0914E 0409N	180F3	200	ND	600	H	5	
93,452	ZALANGOYE	COG	1412E 0127N	180F3	100	ND	300	H	5	
93,452	KATIOLA	CTI	0511W 0849N	180F3	100	ND	300	H	5	
93,452	ABU ZENIMA	EGY	3215E 2900N	180F3	100	ND	150	H	2	
93,452	OMHAGER	ETH	3639E 1418N	180F3	3	ND	150	H	6	
93,452	BOKE	GUI	1418W 1056N	180F3	100	ND	300	H	4	

1	2	3	4	5	6	7	8	9	10A	10B
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93,452	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
93,452	ANDRIAMENA	MDG	4732E 1724S	180F3	100	ND	600	H	3	
93,452	TAOUDENI	MLI	0358W 2240N	180F3	100	ND	300	H	2	
93,452	MALVERNIA	MOZ	3103E 2220S	180F3	50	ND	75	H	3	
93,452	AIOUN ATROUS	MTN	0935W 1640N	180F3	100	ND	300	H	3	
93,452	MADAOUA	NGR	0600E 1409N	180F3	100	D	300	H	3	74/120/250/5
93,452	MAINE SOROA	NGR	1203E 1311N	180F3	100	D	300	H	3	74/80/280/5
93,452	PITON DE SABLE	REU	5539E 2111S	180F3	5	ND	1200	H	4	
93,452	MWINILUNGU	RHN	2427E 1143S	180F3	100	ND	150	H	3	
93,452	WEDZA	RHS	3140E 1835S	180F3	100	ND	150	H	3	
93,452	DAR ES SALAAM	TGK	3915E 0650S	180F3	100	ND	150	H	3	
93,452	PAGALA	TGO	0053E 0813N	180F3	100	ND	300	H	5	
93,500	SOUK AHRAS	ALG	0751E 3618N	180F3	0,5	ND	650	H	1	11
93,538	BRANDVLEI	AFS	2026E 3006S	200F3	38	ND	300	H	2	
93,538	NYITINYE	AFS	2934E 2906S	200F3	38	ND	600	H	6	
93,538	S55	AFS	2003E 1852S	200F3	40	ND	300	H	2	
93,538	VAALWATER	AFS	2753E 2402S	200F3	38	ND	250	H	6	
93,538	GAGO COUTINHO	AGL	2108E 1405S	180F3	100	ND	75	H	3	
93,538	LUANDA	AGL	1315E 0849S	180F3	100	ND	75	H	3	
93,538	BOMILI	CGO	2708E 0145N	180F3	100	ND	300	H	5	
93,538	MANGAI	CGO	1933E 0402S	180F3	100	ND	300	H	3	
93,538	MITWABA	CGO	2720E 0838S	180F3	100	ND	300	H	3	
93,538	SHABUNDA	CGO	2720E 0241S	180F3	100	ND	300	H	3	
93,538	MAKALE	ETH	3928E 1331N	180F3	60	ND	150	H	6	
93,538	WENCHI	GHA	0210W 0635N	180F3	50	ND	120	H	5	
93,538	SANISSIA	GUI	1019W 1047N	180F3	100	ND	300	H	3	
93,538	DIEBOUGOU	HVO	0315W 1058N	180F3	200	ND	300	H	3	
93,538	SANNAQUELLA	LBR	0843W 0722N	180F3	10	ND	300	H	5	
93,538	ANTANIDITRA	MDG	4612E 1853S	180F3	100	ND	600	H	3	
93,538	AKJOUJT	MTN	1422W 1945N	180F3	100	ND	300	H	4	
93,538	SELIBABY	MTN	1208W 1514N	180F3	10	ND	300	H	4	
93,538	IFEROUANE	NGR	0822E 1907N	180F3	100	ND	300	H	3	
93,538	IBADAN	NIG	0356E 0724N	180F3	100	ND	150	H	5	
93,538	LE PORT	REU	5522E 2054S	180F3	1	ND	600	H	4	
93,538	MUMBWA	RHN	2710E 1452S	180F3	100	ND	150	H	3	
93,538	GWAII	RHS	2742E 1918S	180F3	100	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
93,538	OUADI HALFA	SDN	3110E 2205N	180F3	100	ND	300	H	2	14
93,538	ARTA	SMF	4250E 1131N	180F3	100	ND	700	H	2	
93,538	MELFI	TCD	1754E 1104N	180F3	100	ND	600	H	3	
93,538	SOROTI	UGA	3335E 0150N	180F3	100	ND	150	H	3	
93,600	ALEXANDRIA	EGY	2952E 3111N	180F3	100	ND	75	H	2	11
93,600	AGADIR 2	MRC	0929W 3025N	180F3	1	ND	200	H	2	11
93,600	SEBAA AYOUN 2	MRC	0521W 3359N	180F3	20	ND	450	H	2	11
93,624	C100	AFS	2335E 2550S	200F3	38	ND	150	H	2	
93,624	CATTLETON	AFS	3120E 2433S	200F3	38	ND	200	H	3	
93,624	LUDERITZ	AFS	1520E 2640S	200F3	40	ND	300	H	2	
93,624	NOUPOORT	AFS	2455E 3113S	200F3	38	ND	300	H	6	
93,624	S35	AFS	1620E 2025S	200F3	40	ND	300	H	2	
93,624	NDELE	CAF	2035E 0825N	180F3	100	ND	300	H	5	
93,624	BENI	CGO	2928E 0030N	180F3	100	ND	300	H	5	
93,624	BOKUNGU	CGO	2225E 0045S	180F3	100	ND	300	H	3	
93,624	LUSAMBO	CGO	2326E 0457S	180F3	100	ND	300	H	3	
93,624	SANDOA	CGO	2251E 0943S	180F3	100	ND	300	H	3	
93,624	THYSVILLE	CGO	1453E 0512S	180F3	100	ND	300	H	3	
93,624	YAKOMA	CGO	2223E 0404N	180F3	100	ND	300	H	5	
93,624	MOLOUNDOU	CME	1521E 0211N	180F3	200	ND	300	H	5	
93,624	BOLGATANGA	GHA	0055W 1050N	180F3	50	ND	150	H	5	
93,624	ANOSIBE	MDG	4812E 1926S	180F3	100	ND	300	H	3	
93,624	A	MLI	0340E 1630N	180F3	100	ND	300	H	2	
93,624	MANANKORO	MLI	0743W 1025N	180F3	10	ND	300	H	3	
93,624	NIORO	MLI	0936W 1513N	180F3	100	ND	300	H	2	
93,624	ZUMBO	MOZ	3014E 1521S	180F3	50	ND	75	H	3	
93,624	H	MTN	0536W 2505N	180F3	100	ND	300	H	2	
93,624	G	NGR	1010E 2208N	180F3	100	ND	300	H	3	
93,624	NIAMEY	NGR	0206E 1331N	180F3	100	ND	300	H	2	
93,624	IBOLELO	RHN	2406E 1605S	180F3	100	ND	150	H	3	
93,624	NIORO DU RIP	SEN	1546W 1344N	180F3	10	ND	300	H	4	
93,624	ARADA	TCD	2035E 1502N	180F3	100	ND	300	H	3	
93,700	BATNA	ALG	0606E 3535N	180F3	5	ND	600	H	1	11
93,710	MATJIESFONTEIN	AFS	2029E 3258S	200F3	38	ND	200	H	6	
93,710	S5	AFS	1906E 2720S	200F3	40	ND	300	H	2	
93,710	S31	AFS	1950E 2130S	200F3	40	ND	300	H	2	

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zona climática	10B Observations *Remarks* Observaciones
93,710	UMTATA	AFS	2842E 3144S	200F3	38	ND	300	H	6	
93,710	WELVERDIEND	AFS	2715E 2626S	200F3	45	ND	300	H	6	
93,710	BONGO	CGO	1742E 0147S	180F3	100	ND	300	H	3	
93,710	DAKWA	CGO	2631E 0401N	180F3	100	ND	300	H	5	
93,710	JADOTVILLE	CGO	2644E 1059S	180F3	100	ND	300	H	3	
93,710	KASONGOLUNDA	CGO	1649E 0628S	180F3	100	ND	300	H	3	
93,710	KISENGWA	CGO	2550E 0559S	180F3	100	ND	300	H	3	
93,710	TALI	CME	0937E 0534N	180F3	100	ND	300	H	5	
93,710	GANDOU	COG	1728E 0228N	180F3	100	ND	300	H	5	
93,710	KONG	CTI	0437W 0909N	180F3	100	ND	300	H	5	
93,710	PABEGOU	DAH	0135E 0947N	180F3	100	ND	300	H	5	
93,710	NACFA	ETH	3825E 1636N	180F3	60	ND	150	H	2	
93,710	BEFOTAKA	MDG	4657E 2651S	180F3	100	ND	600	H	3	
93,710	MANANARA	MDG	4940E 1602S	180F3	100	ND	300	H	3	
93,710	SOKOLO	MLI	0608W 1445N	180F3	100	ND	300	H	2	
93,710	TETE	MOZ	3335E 1610S	180F3	100	ND	38	H	3	
93,710	BADAGRY	NIG	0310E 0629N	180F3	100	ND	300	H	5	
93,710	LIVINGSTONIA	NYA	3355E 1030S	180F3	100	ND	150	H	3	
93,710	CHOMA	RHN	2658E 1645S	180F3	100	ND	150	H	3	
93,710	KHARTOUM	SDN	3240E 1525N	180F3	100	ND	300	H	3	14
93,710	EHIL	SOM	4950E 0800N	180F3	0,2	ND	60	H	2	
93,710	ITALA	SOM	4620E 0247N	180F3	0,5	ND	40	H	2	
93,710	SEFADU	SRL	1145W 0758N	180F3	50	ND	300	H	5	
93,710	MEZAFEH	TCD	1516E 2305N	180F3	100	ND	300	H	2	
93,710	JINJA	UGA	3310E 0020N	180F3	100	ND	150	H	3	
93,710	CHAKE CHAKE	ZAN	3946E 0514S	180F3	10	ND	300	H	3	
93,796	CLIFTON	AFS	2328E 2818S	200F3	38	ND	300	H	6	
93,796	PIET RETIEF	AFS	3043E 2716S	200F3	38	ND	400	H	6	
93,796	S18	AFS	1530E 2310S	200F3	40	ND	300	H	2	
93,796	S58	AFS	1430E 1803S	200F3	40	ND	300	H	2	
93,796	STEYTLERVILLE	AFS	2434E 3336S	200F3	38	ND	300	H	6	
93,796	CARMONA	AGL	1503E 0737S	180F3	100	ND	75	H	3	
93,796	KANJAUA	AGL	1510E 1222S	180F3	50	ND	75	H	3	
93,796	TSHANE	BCH	2150E 2400S	180F3	10	ND	300	H	2	
93,796	BAMBARI	CAF	2035E 0540N	180F3	100	ND	300	H	5	
93,796	BONGANDANGA	CGO	2101E 0130N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
93,796	DEKESE	CGO	2123E 0325S	180F3	100	ND	300	H	3	
93,796	GOMBARI	CGO	2903E 0243N	180F3	100	ND	300	H	5	
93,796	LUISA	CGO	2227E 0711S	180F3	100	ND	300	H	3	
93,796	ZANAGA	COG	1350E 0252S	180F3	100	ND	300	H	5	
93,796	KOM OMBO	EGY	3252E 2425N	180F3	200	ND	250	H	2	
93,796	RAS ABU DARAG	EGY	3230E 2924N	180F3	100	ND	150	H	2	
93,796	HARAR	ETH	4204E 0908N	180F3	60	ND	600	H	6	
93,796	NIOUMA	HVO	0238W 1257N	180F3	100	ND	300	H	3	
93,796	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
93,796	MOROMBE	MDG	4322E 2145S	180F3	100	ND	300	H	3	
93,796	C	MLI	0250E 1820N	180F3	100	ND	300	H	2	
93,796	MECULA	MOZ	3815E 1145S	180F3	50	ND	75	H	3	
93,796	QUELIMANE	MOZ	3653E 1752S	180F3	100	ND	38	H	5	
93,796	C	MTN	1313W 2105N	180F3	100	ND	300	H	4	
93,796	DOGONDOUTCHI	NGR	0400E 1340N	180F3	100	D	300	H	3	74/90/190/5
93,796	BIDA	NIG	0550E 0830N	180F3	100	ND	300	H	5	
93,796	GATOOMA	RHS	2956E 1818S	180F3	100	ND	150	H	3	
93,796	ABOU HAMED	SDN	3034E 1945N	180F3	100	ND	300	H	2	14
93,796	AOZOU	TCD	1725E 2150N	180F3	100	ND	300	H	2	
93,796	MONGO	TCD	1841E 1212N	180F3	100	ND	600	H	3	
93,800	ORLEANSVILLE	ALG	0107E 3557N	180F3	50	ND	600	H	1	11
93,882	HISHWAH	ADN	4457E 1250N	180F3	5	ND	150	H	4	13
93,882	KALKSTASIE	AFS	1849E 3004S	200F3	38	ND	300	H	2	
93,882	LADYBRAND	AFS	2722E 2912S	200F3	38	ND	350	H	6	
93,882	S17	AFS	1905E 2355S	200F3	40	ND	300	H	2	
93,882	S53	AFS	1802E 1855S	200F3	40	ND	300	H	2	
93,882	SERPA PINTO	AGL	1748E 1437S	180F3	100	ND	150	H	3	
93,882	BAKOUMA	CAF	2257E 0545N	180F3	100	ND	300	H	5	
93,882	NYABESSAM	CME	1025E 0223N	180F3	100	ND	300	H	5	
93,882	MOUALI	COG	1527E 0020N	180F3	100	ND	300	H	5	
93,882	ATCHERIGBE	DAH	0205E 0735N	180F3	100	ND	300	H	5	
93,882	FARAFRA	EGY	2753E 2705N	180F3	10	ND	150	H	2	
93,882	LAMBARENE	GAB	1013E 0012S	180F3	100	ND	300	H	5	
93,882	TELIMELE	GUI	1304W 1052N	180F3	100	ND	600	H	3	
93,882	MONROVIA	LBR	1049W 0619N	180F3	20	ND	100	H	4	
93,882	PT LOUIS	MAU	5730E 2010S	180F3	5	ND	300	H	4	

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93,882	MAINTIRANO	MDG	4402E 1803S	180F3	100	ND	300	H	3	
93,882	OUATAGOUNA	MLI	0044E 1511N	180F3	100	ND	300	H	3	
93,882	SIKASSO	MLI	0557W 1110N	180F3	100	ND	600	H	3	
93,882	MANICA	MOZ	3552E 1856S	180F3	50	ND	38	H	3	
93,882	NEMA	MTN	0714W 1636N	180F3	100	ND	300	H	3	
93,882	KATSINA	NIG	0738E 1300N	180F3	100	ND	300	H	3	
93,882	MAKURDI	NIG	0836E 0743N	180F3	100	ND	300	H	5	
93,882	BELET UEN	SOM	4511E 0445N	180F3	0,5	ND	100	H	2	
93,882	A	TCD	1504E 1327N	180F3	100	ND	300	H	3	
93,882	BONGOR	TCD	1017E 1024N	180F3	100	ND	300	H	3	
93,882	E	TCD	2037E 2021N	180F3	100	ND	300	H	2	
93,900	CLAIREFONTAINE	ALG	0806E 3757N	180F3	0,5	ND	750	H	1	11
93,900	DELLYS	ALG	0354E 3654N	180F3	0,1	ND	450	H	1	11
93,900	TANTA	EGY	3100E 3047N	180F3	100	ND	250	H	2	11
93,900	DERNA	LBY	2240E 3245N	180F3	10	ND	150	H	2	11
93,968	CARNARVON	AFS	2229E 3058S	200F3	38	ND	300	H	6	
93,968	DURBAN	AFS	3043E 2946S	200F3	100	ND	450	H	3	
93,968	JANE FURSE SET	AFS	2952E 2443S	200F3	38	ND	350	H	6	
93,968	S33	AFS	1358E 2030S	200F3	40	ND	300	H	2	
93,968	DONDO	AGL	1425E 0941S	180F3	50	ND	75	H	3	
93,968	BOENDE	CGO	2057E 0019S	180F3	100	ND	300	H	3	
93,968	KALEMBE LEMBE	CGO	2845E 0436S	180F3	100	ND	300	H	3	
93,968	MATADI	CGO	1326E 0548S	180F3	100	ND	300	H	3	
93,968	OVENG	CME	1215E 0224N	180F3	200	ND	300	H	5	
93,968	TIGNERE	CME	1236E 0722N	180F3	100	ND	600	H	5	
93,968	S.CRUZ TENERIF	CNR	1615W 2830N	180F3	1	ND	75	H	4	
93,968	GR COMORE N	COM	4317E 1125S	180F3	0,1	ND	300	H	4	
93,968	MOHELI W	COM	4340E 1221S	180F3	0,1	ND	300	H	4	
93,968	GHINNIR	ETH	4033E 0700N	180F3	60	ND	300	H	6	
93,968	FUNSI	GHA	0200W 1017N	180F3	50	ND	100	H	5	
93,968	MANSA KONKO	GMB	1535W 1325N	180F3	50	ND	300	H	4	
93,968	BANANKORO	GUI	0920W 0908N	180F3	100	ND	300	H	5	
93,968	ELDORET	KEN	3520E 0030N	180F3	100	ND	150	H	3	
93,968	KERICHO	KEN	3520E 0020S	180F3	100	ND	300	H	3	
93,968	MIARINARIVO	MDG	4814E 1637S	180F3	50	ND	300	H	3	
93,968	NOVA FREIXO	MOZ	3632E 1459S	180F3	50	ND	75	H	3	

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93,968	FORCADOS	NIG	0500E 0510N	180F3	25	ND	300	H	5	
93,968	BROKEN HILL	RHN	2828E 1427S	180F3	10	ND	150	H	3	
93,968	LUETI	RHN	2220E 1555S	180F3	100	ND	150	H	3	
93,968	BULAWAYO	RHS	2834E 2012S	180F3	100	ND	150	H	3	
93,968	AFMEDO	SOM	4205E 0030N	180F3	0,5	ND	60	H	2	
93,968	S.ANTONIO	STP	0726E 0137N	180F3	10	ND	38	H	5	
93,968	KOUNO	TCD	1740E 0950N	180F3	100	ND	300	H	5	
94,000	TRIPOLI	LBY	1315E 3254N	180F3	50	ND	150	H	2	11
94,000	BENI EL QUIDAN	MRC	0628W 3207N	180F3	20	ND	1100	H	2	11
94,000	NADOR 1	MRC	0258W 3513N	180F3	1	ND	550	H	2	11
94,032	S16	AFS	1750E 2410S	200F3	40	ND	300	H	2	
94,054	MADIBOGO	AFS	2515E 2627S	200F3	38	ND	300	H	2	
94,054	QUEENSTOWN	AFS	2650E 3152S	200F3	38	ND	550	H	6	
94,054	S3	AFS	1657E 2720S	200F3	40	ND	300	H	2	
94,054	S29	AFS	1735E 2140S	200F3	40	ND	300	H	2	
94,054	B	CAF	2330E 0810N	180F3	100	ND	300	H	5	
94,054	PAOUA	CAF	1626E 0715N	180F3	100	D	300	H	5	74/240/300/1
94,054	KAKWATA	CGO	2333E 1045S	180F3	100	ND	300	H	3	
94,054	OPALA	CGO	2430E 0037S	180F3	100	ND	300	H	3	
94,054	KORODJIMANE	CTI	0650W 0854N	180F3	100	ND	600	H	5	
94,054	QUSEIR	EGY	3416E 2607N	180F3	100	ND	150	H	2	
94,054	BAHR DAR	ETH	3727E 1120N	180F3	60	ND	600	H	6	
94,054	GABRE DARRE	ETH	4416E 0645N	180F3	10	ND	300	H	2	
94,054	GHAT	LBY	1020E 2455N	180F3	10	ND	150	H	2	
94,054	MAMPIKONY	MDG	4738E 1605S	180F3	50	ND	300	H	3	
94,054	MORONDAVA	MDG	4417E 2017S	180F3	100	ND	300	H	3	
94,054	ANTONIO ENES	MOZ	3954E 1614S	180F3	50	ND	38	H	5	
94,054	MACIA	MOZ	3303E 2501S	180F3	10	ND	38	H	3	
94,054	NOUAKCHOTT	MTN	1556W 1814N	180F3	100	ND	300	H	4	
94,054	MAIDUGURI	NIG	1305E 1151N	180F3	25	ND	300	H	3	
94,054	ED DAMER	SDN	3353E 1735N	180F3	100	ND	300	H	3	14
94,054	JOUBA	SDN	3125E 0455N	180F3	100	ND	300	H	3	14
94,054	UAR MEDO	SOM	4945E 1120N	180F3	100	ND	1280	H	2	
94,054	MOYAMBA	SRL	1235W 0815N	180F3	50	ND	150	H	5	
94,054	FT LAMY	TCD	1504E 1206N	180F3	25	ND	300	H	3	
94,054	LUSHOTO	TGK	3810E 0452S	180F3	100	ND	600	H	3	

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94,054	MASASI	TGK	3850E 1040S	180F3	100	ND	150	H	3	
94,054	SANSANNE MANGO	TGO	0028E 1021N	180F3	100	ND	300	H	3	
94,054	MASAKA	UGA	3145E 0020S	180F3	100	ND	150	H	3	
94,100	ORAN MURDJADJO	ALG	0046W 3542N	180F3	0,5	ND	300	H	1	11
94,140	GEORGE	AFS	2214E 3355S	200F3	38	ND	300	H	1	
94,140	S56	AFS	1225E 1755S	200F3	40	ND	300	H	2	
94,140	UPINGTON	AFS	2055E 2830S	200F3	38	ND	300	H	2	
94,140	VREDE	AFS	2858E 2715S	200F3	38	ND	300	H	6	
94,140	LOBITO	AGL	1334E 1220S	180F3	10	ND	75	H	3	
94,140	VILA LUSO	AGL	1952E 1147S	180F3	100	ND	75	H	3	
94,140	NOUVELLE ANVER	CGO	1909E 0135N	180F3	100	ND	300	H	5	
94,140	POKO	CGO	2652E 0308N	180F3	100	ND	300	H	5	
94,140	SANGE	CGO	2820E 0701S	180F3	100	ND	300	H	3	
94,140	WALIKALE	CGO	2802E 0126S	180F3	100	ND	300	H	3	
94,140	KIBANGOU	COG	1225E 0328S	180F3	100	ND	300	H	5	
94,140	BARIS	EGY	3037E 2440N	180F3	10	ND	150	H	2	
94,140	MASSAWA	ETH	3928E 1536N	180F3	3	ND	150	H	2	
94,140	AGUELHOC	MLI	0045E 1930N	180F3	100	ND	300	H	2	
94,140	MERSAUA	MOZ	3546E 1215S	180F3	50	ND	150	H	3	
94,140	MUTARARA	MOZ	3505E 1727S	180F3	50	ND	150	H	3	
94,140	VILANCULOS	MOZ	3519E 2200S	180F3	50	ND	75	H	3	
94,140	MBOUT	MTN	1235W 1601N	180F3	10	ND	300	H	4	
94,140	KITWE	RHN	2813E 1247S	180F3	100	ND	150	H	3	
94,140	BINGA	RHS	2804E 1734S	180F3	100	ND	150	H	3	
94,140	OUAD MEDANI	SDN	3330E 1410N	180F3	100	ND	300	H	6	14
94,200	CHERCHELL	ALG	0212E 3636N	180F3	0,1	ND	300	H	1	11
94,200	MANSOURA	EGY	3127E 3109N	180F3	100	ND	300	H	2	11
94,226	KIMBERLEY	AFS	2457E 2905S	200F3	38	ND	300	H	6	
94,226	PUNDA MARIA	AFS	3110E 2245S	200F3	38	ND	300	H	3	
94,226	S15	AFS	1655E 2405S	200F3	40	ND	300	H	2	
94,226	S51	AFS	1547E 1850S	200F3	40	ND	300	H	2	
94,226	S67	AFS	2335E 1752S	200F3	40	ND	300	H	2	
94,226	CAMABATELA	AGL	1523E 0812S	180F3	50	ND	300	H	3	
94,226	TAMANRASSET	ALG	0530E 2250N	180F3	50	ND	600	H	2	
94,226	KITORA	BDI	3004E 0330S	180F3	100	ND	300	H	5	14
94,226	ATONGO	CAF	2130E 0549N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
94,226	BASOKO	CGO	2335E 0113N	180F3	100	ND	300	H	5	
94,226	BENA DIBELE	CGO	2251E 0355S	180F3	100	ND	300	H	3	
94,226	MOLIRO	CGO	3031E 0811S	180F3	100	ND	300	H	3	
94,226	MASA	COG	1528E 0345S	180F3	100	ND	300	H	5	
94,226	ANJOUAN N	COM	4425E 1217S	180F3	10	ND	1600	H	4	
94,226	TIETIEKRO	CTI	0536W 0700N	180F3	100	ND	600	H	5	
94,226	RAS GHAREB	EGY	3318E 2806N	180F3	100	ND	150	H	2	
94,226	GIMMA	ETH	3654E 0742N	180F3	60	ND	300	H	6	
94,226	METEMMA	ETH	3610E 1257N	180F3	10	ND	600	H	6	
94,226	MEKAMBO	GAB	1356E 0100N	180F3	100	ND	300	H	5	
94,226	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
94,226	AMBATONDRAZAKA	MDG	4831E 1748S	180F3	100	ND	600	H	3	
94,226	B	MLI	0405E 1800N	180F3	100	ND	300	H	2	
94,226	GOURMA RHAROUS	MLI	0155W 1653N	180F3	100	ND	300	H	3	
94,226	MONTEPUEZ	MOZ	3900E 1308S	180F3	50	ND	75	H	5	
94,226	OUADANE	MTN	1138W 2047N	180F3	100	ND	300	H	2	
94,226	CHITAMBO	RHN	3040E 1255S	180F3	100	ND	150	H	3	
94,226	KABOMPO	RHN	2414E 1335S	180F3	100	ND	150	H	3	
94,226	LOUGA	SEN	1613W 1538N	180F3	100	ND	300	H	4	
94,226	DAGARITA	SOM	4330E 1040N	180F3	20	ND	600	H	2	
94,226	ISCIA BAIDOA	SOM	4340E 0308N	180F3	200	ND	320	H	2	
94,300	EL KANTARA	ALG	0546E 3511N	180F3	1	D	600	H	1	11
94,300	TIARET	ALG	0119E 3524N	180F3	1	ND	600	H	1	11
94,312	LORIESFONTEIN	AFS	1946E 3100S	200F3	38	ND	300	H	6	
94,312	MATATIELE	AFS	2851E 3005S	200F3	38	ND	500	H	3	
94,312	MIDDELWIT	AFS	2710E 2449S	200F3	38	ND	400	H	6	
94,312	S46	AFS	1940E 1945S	200F3	40	ND	300	H	2	
94,312	C QUANAVAL	AGL	1856E 1456S	180F3	50	ND	75	H	3	
94,312	MOCAMEDES	AGL	1208E 1512S	180F3	50	ND	150	H	3	
94,312	MBAIKI	CAF	1801E 0353N	180F3	100	ND	300	H	5	
94,312	ZEMIO	CAF	2508E 0507N	180F3	100	ND	300	H	5	
94,312	BAFWABOLI	CGO	2608E 0047N	180F3	100	ND	300	H	5	
94,312	INGENDE	CGO	1900E 0015S	180F3	100	ND	300	H	3	
94,312	KIKWIT	CGO	1845E 0505S	180F3	100	ND	300	H	3	
94,312	KONGOLO	CGO	2659E 0523S	180F3	100	ND	300	H	3	
94,312	MUKANA	CGO	2711E 0918S	180F3	100	ND	300	H	3	

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94,312	POINTE NOIRE	COG	1151E 0444S	180F3	100	ND	300	H	5	
94,312	SECOTA	ETH	3903E 1237N	180F3	10	ND	300	H	6	
94,312	ETEKE	GAB	1157E 0126S	180F3	100	ND	300	H	5	
94,312	NIEFANG	GNE	1015E 0148N	180F3	1	ND	300	H	5	
94,312	DABOLA	GUI	1109W 1046N	180F3	100	ND	600	H	3	
94,312	BOBO DIOULASSO	HVO	0306W 1107N	180F3	100	ND	300	H	3	
94,312	MOMBASA	KEN	3940E 0403S	180F3	100	ND	150	H	3	
94,312	ANDAPA	MDG	4941E 1442S	180F3	100	ND	300	H	3	
94,312	ANKAVANDRA	MDG	4521E 1848S	180F3	100	ND	600	H	3	
94,312	D	MLI	0045W 2050N	180F3	100	ND	300	H	2	
94,312	BEIRA	MOZ	3451E 1950S	180F3	100	ND	38	H	3	
94,312	O	MTN	0541W 1542N	180F3	100	ND	300	H	3	
94,312	ABEOKUTA	NIG	0321E 0710N	180F3	100	ND	300	H	5	
94,312	DEDZA	NYA	3420E 1407S	180F3	100	ND	150	H	3	
94,312	NAMWALA	RHN	2630E 1545S	180F3	100	ND	150	H	3	
94,312	BAKEL	SEN	1235W 1458N	180F3	10	ND	300	H	4	
94,312	KABALLAH	SRL	1135W 0935N	180F3	50	D	300	H	5	74/185/215/5
94,312	C	TCD	1618E 4807N	180F3	100	ND	300	H	2	
94,312	F	TCD	2149E 2004N	180F3	100	ND	300	H	2	
94,312	TUKUYU	TGK	3340E 0920S	180F3	100	ND	1200	H	3	
94,312	MT ELGON	UGA	3500E 0130N	180F3	100	D	1200	H	3	74/20/150/10
94,398	C92	AFS	2304E 2624S	200F3	38	ND	300	H	2	
94,398	NELSPRUIT	AFS	3045E 2532S	200F3	38	ND	600	H	6	
94,398	NEW BETHESDA	AFS	2432E 3145S	200F3	38	ND	300	H	6	
94,398	S27	AFS	1540E 2145S	200F3	40	ND	300	H	2	
94,398	SALVADOR	AGL	1415E 0616S	180F3	50	ND	150	H	3	
94,398	TEIXEIRA SOUSA	AGL	2211E 1043S	180F3	50	ND	150	H	3	
94,398	VILA ROCADAS	AGL	1458E 1645S	180F3	50	ND	75	H	3	
94,398	BIGI	CGO	2225E 0302N	180F3	100	ND	300	H	5	
94,398	FARADJE	CGO	2942E 0345N	180F3	100	ND	100	H	5	
94,398	ITOKO	CGO	2148E 0100S	180F3	100	ND	300	H	3	
94,398	LUBERO	CGO	2913E 0010S	180F3	100	ND	300	H	3	
94,398	LULUABOURG	CGO	2225E 0554S	180F3	100	ND	300	H	3	
94,398	MEIGANGA	CME	1416E 0633N	180F3	200	ND	300	H	5	
94,398	SOUANKE	COG	1408E 0204N	180F3	100	ND	300	H	5	
94,398	DYENGOLE	CTI	0740W 0931N	180F3	100	ND	600	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
94,398	SASSANDRA	CTI	0606W 0456N	180F3	100	ND	300	H	5	
94,398	LUXOR	EGY	3238E 2527N	180F3	200	ND	150	H	2	
94,398	MAJI	ETH	3536E 0611N	180F3	10	ND	600	H	2	
94,398	KUNTAUR	GMB	1450W 1332N	180F3	25	ND	300	H	4	
94,398	NAKURU	KEN	3603E 0018S	180F3	100	ND	600	H	3	
94,398	AMBOHIMILANJA	MDG	4759E 1954S	180F3	100	ND	300	H	3	
94,398	ALTO MOLOQUE	MOZ	3745E 1530S	180F3	50	ND	150	H	5	
94,398	TIDJIKJA	MTN	1126W 1833N	180F3	100	ND	300	H	2	
94,398	A	NGR	0335E 1520N	180F3	100	ND	300	H	3	
94,398	F	NGR	0848E 2110N	180F3	100	ND	300	H	3	
94,398	ABA	NIG	0723E 0507N	180F3	100	ND	300	H	5	
94,398	YELWA	NIG	0610E 1110N	180F3	100	ND	300	H	3	
94,398	COPPER QUEEN	RHS	2920E 1722S	180F3	100	ND	150	H	3	
94,398	BRAVA	SOM	4402E 0107N	180F3	0,5	ND	40	H	2	
94,398	GALCAIO	SOM	4725E 0645N	180F3	0,5	ND	180	H	2	
94,398	OUM HADJER	TCD	1938E 1316N	180F3	100	ND	300	H	3	
94,398	KIGOMA	TGK	2940E 0450S	180F3	100	ND	300	H	3	
94,400	NEMOURS	ALG	0141W 3500N	180F3	1	ND	600	H	1	11
94,400	ARBAOUA 2	MRC	0549W 3453N	180F3	10	ND	250	H	2	
94,484	GOBABIS	AFS	1855E 2225S	200F3	40	ND	300	H	2	
94,484	KENTANI	AFS	2816E 3228S	200F3	38	ND	300	H	6	
94,484	KROONSTAD	AFS	2710E 2725S	200F3	38	ND	300	H	6	
94,484	S2	AFS	1842E 2805S	200F3	40	ND	300	H	2	
94,484	VILLIERSDORP	AFS	1931E 3358S	200F3	38	ND	1200	H	1	
94,484	G MACHADO	AGL	1714E 1203S	180F3	50	ND	75	H	3	
94,484	BOSSANGOA	CAF	1727E 0630N	180F3	100	ND	300	H	5	
94,484	BUTA	CGO	2447E 0247N	180F3	100	ND	300	H	5	
94,484	ELISABETHVILLE	CGO	2728E 1139S	180F3	100	ND	300	H	3	
94,484	LOKANDU	CGO	2544E 0234S	180F3	100	ND	300	H	3	
94,484	PANZI	CGO	1801E 0717S	180F3	100	ND	300	H	3	
94,484	DALO	COG	1635E 0140N	180F3	100	ND	300	H	5	
94,484	DABAKALA	CTI	0427W 0808N	180F3	100	ND	600	H	5	
94,484	PREKETE	DAH	0138E 0840N	180F3	100	ND	300	H	5	
94,484	AGORDAT	ETH	3753E 1533N	180F3	3	ND	300	H	6	
94,484	DEBRE MARCOS	ETH	3744E 1020N	180F3	60	ND	150	H	6	
94,484	YAVELLO	ETH	3606E 0454N	180F3	3	ND	600	H	6	

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94,484	KANGO	GAB	1005E 0011N	180F3	100	ND	300	H	5	
94,484	YOUKOUNKOUN	GUI	1307W 1322N	180F3	100	ND	300	H	3	
94,484	SEGOU	MLI	0615W 1326N	180F3	100	ND	300	H	3	
94,484	MASSANGENA	MOZ	3255E 2135S	180F3	50	ND	75	H	3	
94,484	MOCIMBOA PRAIA	MOZ	4021E 1120S	180F3	50	ND	38	H	5	
94,484	I	NGR	1420E 2215N	180F3	100	ND	300	H	3	
94,484	KOKORO	NGR	0056E 1412N	180F3	100	ND	300	H	3	
94,484	N	NGR	1410E 1550N	180F3	100	ND	300	H	3	
94,484	TANOUT	NGR	0851E 1450N	180F3	100	ND	300	H	3	
94,484	JOS	NIG	0852E 0955N	180F3	100	ND	300	H	5	
94,484	LIVINGSTONE	RHN	2558E 1753S	180F3	100	ND	150	H	3	
94,484	MALAKAL	SDN	3148E 0930N	180F3	100	ND	300	H	6	14
94,484	AERE LAO	SEN	1420W 1624N	180F3	10	ND	300	H	4	
94,484	BO	SRL	1200W 0852N	180F3	50	ND	300	H	5	
94,484	ADRE	TCD	2211E 1327N	180F3	100	ND	300	H	3	
94,484	BUKOBA	TGK	3150E 0120S	180F3	100	ND	300	H	3	
94,484	ZANZIBAR	ZAN	3915E 0610S	180F3	25	ND	300	H	3	
94,500	CANROBERT	ALG	0708E 3535N	180F3	5	ND	600	H	1	11
94,500	SIRTE	LBY	1635E 3115N	180F3	10	ND	150	H	2	11
94,570	BLOUBERG	AFS	2859E 2304S	200F3	38	ND	100	H	6	
94,570	NIEKERKSHOOP	AFS	2240E 2910S	200F3	38	ND	300	H	2	
94,570	S49	AFS	1355E 1850S	200F3	40	ND	300	H	2	
94,570	S65	AFS	2125E 1802S	200F3	40	ND	300	H	2	
94,570	VRYHEID	AFS	3041E 2758S	200F3	38	ND	350	H	3	
94,570	CUBAL	AGL	1415E 1302S	180F3	50	ND	150	H	3	
94,570	KOUANGO	CAF	1958E 0459N	180F3	100	ND	300	H	5	
94,570	KISABI	CGO	2910E 0804S	180F3	100	ND	300	H	3	
94,570	UVIRA	CGO	2906E 0322S	180F3	100	ND	300	H	3	
94,570	WAMBA	CGO	2758E 0212N	180F3	100	ND	300	H	5	
94,570	KARANG	CME	1315E 0504N	180F3	100	ND	300	H	5	
94,570	SIBITI	COG	1320E 0340S	180F3	100	ND	300	H	5	
94,570	MINA	GAB	1301E 0002N	180F3	100	ND	300	H	5	
94,570	PRANG	GHA	0050W 0800N	180F3	50	ND	120	H	5	
94,570	DIDI	GUI	0935W 1133N	180F3	100	ND	600	H	3	
94,570	OUAGADOUGOU	HVO	0131W 1221N	180F3	100	ND	300	H	3	
94,570	ANDOHARANO	MDG	4711E 1815S	180F3	100	ND	300	H	3	

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94,570	VOHIPANANY	MDG	4735E 2108S	180F3	500	ND	300	H	3	
94,570	CHINDE	MOZ	3628E 1835S	180F3	50	ND	38	H	3	
94,570	ATAR	MTN	1306W 2030N	180F3	100	ND	300	H	4	
94,570	KANKOSSA	MTN	1131W 1556N	180F3	10	ND	300	H	3	
94,570	GOMBE	NIG	1106E 1117N	180F3	10	ND	300	H	3	
94,570	ILESHA	NIG	0445E 0738N	180F3	100	ND	300	H	5	
94,570	YOLA	NIG	1229E 0910N	180F3	100	ND	300	H	5	
94,570	BALOVALE WEST	RHN	2243E 1328S	180F3	100	ND	150	H	3	
94,600	TENES EL FEDJ	ALG	0117E 3629N	180F3	0,1	ND	550	H	1	11
94,656	S12	AFS	1730E 2515S	200F3	40	ND	300	H	2	
94,656	S44	AFS	1740E 1940S	200F3	40	ND	300	H	2	
94,656	SMITHFIELD	AFS	2629E 2959S	200F3	38	ND	300	H	6	
94,656	BANGASSOU	CAF	2250E 0444N	180F3	100	ND	300	H	5	
94,656	C	CAF	2140E 0950N	180F3	100	ND	300	H	5	
94,656	NOLA	CAF	1605E 0332N	180F3	100	ND	300	H	5	
94,656	KAMINA	CGO	2509E 0843S	180F3	100	ND	300	H	3	
94,656	KENGE	CGO	1655E 0450S	180F3	100	ND	300	H	3	
94,656	OMBWE	CGO	2532E 0424S	180F3	100	ND	300	H	3	
94,656	KRIBI	CME	0956E 0256N	180F3	100	ND	300	H	5	
94,656	FT ROUSSET	COG	1504E 0030S	180F3	100	ND	300	H	5	
94,656	KODIMASSOU	CTI	0438W 0553N	180F3	100	ND	300	H	5	
94,656	SHARM ELSHEIKH	EGY	3415E 2752N	180F3	100	ND	150	H	2	
94,656	GONDAR	ETH	3725E 1236N	180F3	60	ND	1200	H	6	
94,656	HOSSANA	ETH	3754E 0720N	180F3	10	ND	600	H	6	
94,656	OMBOUE	GAB	0916E 0135S	180F3	100	ND	300	H	5	
94,656	KINDIA	GUI	1254W 1004N	180F3	100	ND	600	H	3	
94,656	TEITA	KEN	3820E 0325S	180F3	100	ND	300	H	3	
94,656	ANTONIBE	MDG	4724E 1507S	180F3	10	ND	300	H	3	
94,656	VOHIDRAZANA	MDG	4831E 1858S	180F3	500	ND	600	H	3	
94,656	MABOZE	MOZ	3210E 2345S	180F3	50	ND	75	H	3	
94,656	BIR MOGREIM	MTN	1131W 2508N	180F3	100	ND	300	H	2	
94,656	BILMA	NGR	1253E 1840N	180F3	100	ND	300	H	3	
94,656	ABAKALIKI	NIG	0810E 0620N	180F3	100	ND	300	H	5	
94,656	MANKOYA	RHN	2448E 1448S	180F3	100	ND	150	H	3	
94,656	OBOCK	SMF	4317E 1158N	180F3	*	ND	75	H	2	* 0,05 KW
94,656	LERE	TCD	1413E 0940N	180F3	100	D	300	H	5	74/180/360/10

PLAN POUR LES STATIONS DE RADIODIFFUSION SONORE DANS LA BANDE DE FRÉQUENCES 87,5-100 MHz

PLAN FOR SOUND BROADCASTING STATIONS IN THE FREQUENCY BAND 87.5-100 Mc/s

PLAN PARA LAS ESTACIONES DE RADIODIFUSIÓN SONORA EN LA BANDA DE FRECUENCIAS 87,5-100 Mc/s

1 Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	2 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	3 Symbole désignant le pays *Country symbol* Símbolo designativo del país	4 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	5 Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	6 Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	7 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	8 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	9 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	10A Zone climatique *Climatic zone* Zone climática	10B Observations *Remarks* Observaciones
94,656	KRA	TGO	0121E 0720N	180F3	100	ND	300	H	5	
94,656	MASINDI	UGA	3140E 0140N	180F3	100	ND	150	H	3	
94,700	ALGER MATIFOU	ALG	0314E 3649N	180F3	5	ND	75	H	1	11
94,700	CAIRO	EGY	3115E 3003N	180F3	6,3	D	190	H	2	11
94,742	C90	AFS	2018E 2642S	200F3	38	ND	150	H	2	
94,742	KLEIN WATERVAL	AFS	2158E 3203S	200F3	38	ND	300	H	6	
94,742	PT SHEPSTONE	AFS	3017E 3044S	200F3	38	ND	300	H	6	
94,742	VAALPLAAS	AFS	2857E 2536S	200F3	38	ND	300	H	6	
94,742	ANTONIO ZAIRE	AGL	1217E 0606S	180F3	50	ND	150	H	3	
94,742	HENRI CARVALHO	AGL	2023E 0939S	180F3	50	ND	38	H	3	
94,742	MAVINGA	AGL	2016E 1530S	180F3	50	ND	75	H	3	
94,742	PT AMBOIM	AGL	1346E 1044S	180F3	50	ND	75	H	3	
94,742	D	CAF	1900E 0825N	180F3	100	ND	300	H	5	
94,742	BOYERA	CGO	1923E 0040S	180F3	100	ND	300	H	3	
94,742	GEMENA	CGO	1946E 0317N	180F3	100	ND	300	H	5	
94,742	GUNGU	CGO	1919E 0544S	180F3	100	ND	300	H	3	
94,742	KABAMBARE	CGO	2739E 0441S	180F3	100	ND	300	H	3	
94,742	KASENGA	CGO	2844E 1017S	180F3	100	ND	300	H	3	
94,742	NGAMBE 2	CME	1126E 0551N	180F3	100	ND	300	H	5	
94,742	NIKKI	DAH	0313E 0956N	180F3	100	ND	300	H	5	
94,742	SOHAG	EGY	3143E 2627N	180F3	100	ND	150	H	2	
94,742	FRANCEVILLE	GAB	1333E 0136S	180F3	100	ND	300	H	5	
94,742	OYEM	GAB	1136E 0140N	180F3	100	ND	300	H	5	
94,742	KISI	GHA	0130W 0510N	180F3	50	ND	200	H	5	
94,742	MACENTA	GUI	0929W 0835N	180F3	100	ND	600	H	5	
94,742	HARPER	LBR	0742W 0423N	180F3	20	ND	100	H	5	
94,742	VONTOVORONA	MDG	4712E 1955S	180F3	10	ND	600	H	3	
94,742	BAFOULABE	MLI	1050W 1348N	180F3	100	ND	300	H	3	
94,742	MOPTI	MLI	0412W 1430N	180F3	100	ND	300	H	3	
94,742	TESSALIT	MLI	0100E 2013N	180F3	100	ND	300	H	2	
94,742	MILANGE	MOZ	3547E 1606S	180F3	50	ND	150	H	3	
94,742	L	MTN	0545W 1905N	180F3	100	ND	300	H	2	
94,742	E	NGR	0707E 2012N	180F3	100	ND	300	H	3	
94,742	HADEIJA	NIG	1000E 1210N	180F3	10	ND	300	H	3	
94,742	LEGION MINE	RHS	2834E 2122S	180F3	100	ND	150	H	3	
94,742	YAMBIO	SDN	2825E 0435N	180F3	100	ND	300	H	5	14

1	2	3	4	5	6	7	8	9	10A	10B
94,742	G	TCD	2326E 1941N	180F3	100	ND	300	H	2	
94,742	MOUTOGO	TCD	1846E 0829N	180F3	100	ND	300	H	5	
94,800	BOU SAADA	ALG	0409E 3516N	180F3	*	ND	600	H	1	* 0,1 KW 11
94,800	SUSSA	LBY	2157E 3256N	180F3	0,9	ND	300	H	2	11
94,800	CASABLANCA 1	MRC	0735W 3322N	180F3	20	ND	45	H	2	
94,800	OUJDA 1	MRC	0204W 3444N	180F3	20	ND	500	H	2	
94,828	BEDFORD	AFS	2603E 3239S	200F3	38	ND	350	H	6	
94,828	C.TOWN MINOR	AFS	1824E 3357S	200F3	0,3	ND	1000	H	1	
94,828	S24	AFS	1710E 2240S	200F3	40	ND	300	H	2	
94,828	SCHWEIZERRENEK	AFS	2456E 2717S	200F3	38	ND	300	H	6	
94,828	SANZA POMBO	AGL	1600E 0706S	180F3	50	ND	150	H	3	
94,828	TEIXEIRA SILVA	AGL	1522E 1211S	180F3	10	ND	150	H	3	
94,828	BOUAR	CAF	1531E 0556N	180F3	100	ND	300	H	5	
94,828	MOUKA	CAF	2146E 0717N	180F3	100	ND	300	H	5	
94,828	BUMBA	CGO	2227E 0211N	180F3	100	ND	300	H	5	
94,828	LOMELA	CGO	2316E 0218S	180F3	100	ND	300	H	3	
94,828	MWENE DITU	CGO	2326E 0650S	180F3	100	ND	300	H	3	
94,828	EKONAKO	CME	0841E 0501N	180F3	200	ND	300	H	5	
94,828	BOEMBE	COG	1545E 0258S	180F3	100	ND	300	H	5	
94,828	MANKONO	CTI	0612W 0808N	180F3	100	ND	300	H	5	
94,828	CALLAFO	ETH	4413E 0536N	180F3	10	D	150	H	2	74/330/90/0,5 74/150/270/0,5
94,828	CONSO-HOFA	ETH	3733E 0505N	180F3	60	ND	600	H	6	
94,828	LEKEMPTI	ETH	3645E 0910N	180F3	60	ND	1200	H	6	
94,828	TESSENEI	ETH	3641E 1507N	180F3	10	ND	600	H	6	
94,828	BAFATA	GNP	1441W 1210N	180F3	10	ND	75	H	4	
94,828	TYNYE	HVO	0110W 1430N	180F3	100	ND	300	H	3	
94,828	MACHAKOS	KEN	3715E 0130S	180F3	100	ND	300	H	3	
94,828	ANKILIMASY	MDG	4433E 2121S	180F3	100	ND	300	H	3	
94,828	KOLOKANI	MLI	0802W 1335N	180F3	100	ND	300	H	3	
94,828	LOUREN MARQUES	MOZ	3222E 2557S	180F3	100	ND	75	H	3	
94,828	PEBANE	MOZ	3807E 1720S	180F3	50	ND	75	H	3	
94,828	ROSSO	MTN	1549W 1631N	180F3	10	ND	300	H	4	
94,828	CHIRFA	NGR	1217E 2059N	180F3	100	ND	300	H	3	
94,828	KIGALI	RRW	3004E 0157S	180F3	1	ND	1200	H	3	
94,828	HAVELOCK	SWZ	3108E 2557S	180F3	5	ND	300	H	3	

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1	2	3	4	5	6	7	8	9	10A	10B
94,828	MOROGORO	TGK	3740E 0640S	180F3	100	ND	600	H	3	
94,828	ARUA	UGA	3055E 0305N	180F3	100	ND	150	H	3	
94,900	SABRATA	LBY	1225E 3250N	180F3	0,9	ND	300	H	2	11
94,900	SLITEN	LBY	1435E 3225N	180F3	0,9	ND	300	H	2	11
94,914	BARRACK HILL	ADN	4459E 1247N	180F3	5	ND	150	H	4	13
94,914	BETHLEHEM	AFS	2830E 2814S	200F3	38	ND	300	H	6	
94,914	HOUMOED	AFS	1953E 2912S	200F3	38	ND	300	H	2	
94,914	S63	AFS	1930E 1802S	200F3	40	ND	300	H	2	
94,914	MAHALAPYE	BCH	2645E 2310S	180F3	10	ND	300	H	6	
94,914	KONDOLOLE	CGO	2602E 0122N	180F3	100	ND	300	H	5	
94,914	KUTU	CGO	1808E 0243S	180F3	50	ND	300	H	3	
94,914	LULONGA	CGO	1825E 0032S	180F3	50	ND	300	H	5	
94,914	LUMUNA	CGO	2630E 0347S	180F3	100	ND	300	H	3	
94,914	BAFIA	CME	1116E 0446N	180F3	100	ND	300	H	5	
94,914	KONKOUATI	COG	1110E 0400S	180F3	100	ND	300	H	5	
94,914	KOUN ABROSSO	CTI	0317W 0727N	180F3	100	ND	600	H	5	
94,914	BAWITI	EGY	2850E 2822N	180F3	10	ND	150	H	2	
94,914	ADWA	ETH	3854E 1414N	180F3	60	ND	1200	H	6	
94,914	LAMU	KEN	4055E 0215S	180F3	100	ND	150	H	3	
94,914	AMBODIFOTATRA	MDG	4952E 1700S	180F3	100	ND	300	H	3	
94,914	ANALAVASA	MDG	4902E 1333S	180F3	10	ND	300	H	3	
94,914	BEKISOPA	MDG	4558E 2133S	180F3	100	ND	300	H	3	
94,914	FORT DAUPHIN	MDG	4658E 2500S	180F3	100	ND	600	H	3	
94,914	SAN	MLI	0453W 1318N	180F3	100	ND	300	H	3	
94,914	INHAMINGA	MOZ	3500E 1824S	180F3	50	ND	150	H	3	
94,914	N	MTN	0542W 1703N	180F3	100	ND	300	H	3	
94,914	MAGARIA	NGR	0853E 1302N	180F3	100	D	300	H	3	74/80/280/5
94,914	ISEYIN	NIG	0330E 0800N	180F3	100	ND	300	H	5	
94,914	KAMPALANJE	RHN	2650E 1330S	180F3	100	ND	150	H	3	
94,914	MEROOUE	SDN	3150E 1810N	180F3	100	ND	300	H	2	14
94,914	KEDOUGOU	SEN	1223W 1232N	180F3	100	D	500	H	4	74/140/270/4
94,914	EL BUR	SOM	4635E 0442N	180F3	0,5	ND	150	H	2	
95,000	S42	AFS	1530E 1950S	200F3	40	ND	300	H	2	
95,000	STRYDENBURG	AFS	2350E 3007S	200F3	38	ND	300	H	6	
95,000	T118	AFS	3047E 2351S	200F3	38	ND	300	H	6	
95,000	MASCARA	ALG	0009E 3528N	180F3	10	D	300	H	1	11

1	2	3	4	5	6	7	8	9	10A	10B
95,000	MAUN	BCH	2330E 2200S	180F3	10	ND	300	H	2	
95,000	USUMBURA	BDI	2921E 0323S	180F3	100	ND	300	H	5	14
95,000	MOBAYE	CAF	2055E 0425N	180F3	100	ND	300	H	5	
95,000	ARUMBI	CGO	3001E 0232N	180F3	100	ND	300	H	5	
95,000	DJOLU	CGO	2228E 0034N	180F3	100	ND	300	H	5	
95,000	MWEKA	CGO	2134E 0451S	180F3	100	ND	300	H	3	
95,000	SAIPANGA	CGO	2244E 0912S	180F3	100	ND	300	H	3	
95,000	MALETCHEN	CME	1401E 0229N	180F3	100	ND	300	H	5	
95,000	POLI	CME	1315E 0829N	180F3	100	ND	600	H	5	
95,000	BRAZZAVILLE	COG	1515E 0417S	180F3	100	ND	300	H	5	
95,000	BONGA	ETH	3614E 0715N	180F3	10	ND	300	H	6	
95,000	OKONDJA	GAB	1347E 0040S	180F3	100	ND	300	H	5	
95,000	MOKA	GNE	0841E 0321N	180F3	1	ND	300	H	5	
95,000	KANKAN	GUI	0932W 1014N	180F3	100	ND	600	H	3	
95,000	NOBERE	HVO	0140W 1137N	180F3	100	ND	300	H	3	
95,000	ANJOZOROBE	MDG	4750E 1823S	180F3	100	ND	300	H	3	
95,000	MAJUNGA	MDG	4620E 1542S	180F3	50	ND	300	H	3	
95,000	CHINGUETTI	MTN	1222W 2029N	180F3	100	ND	300	H	4	
95,000	MORIBOUGOU	MTN	0929W 1531N	180F3	10	ND	300	H	3	
95,000	AUCHI	NIG	0630E 0700N	180F3	100	ND	300	H	5	
95,000	MPOROKOSO	RHN	3005E 0920S	180F3	100	ND	150	H	3	
95,000	ULONGA	RHN	3020E 1420S	180F3	100	ND	150	H	3	
95,000	FT VICTORIA	RHS	3049E 2003S	180F3	10	ND	150	H	3	
95,000	AM TIMAN	TCD	2017E 1103N	180F3	100	ND	300	H	3	
95,000	LARGEAU	TCD	1908E 1757N	180F3	100	ND	300	H	3	
95,000	MOSHI	TGK	3720E 0320S	180F3	100	ND	1200	H	3	
95,086	KEETMANSHOOP	AFS	1820E 2625S	200F3	40	ND	300	H	2	
95,086	MIDDELPOS	AFS	2000E 3200S	200F3	38	ND	300	H	6	
95,086	RHODES	AFS	2807E 3018S	200F3	38	ND	500	H	6	
95,086	RUSTENBURG	AFS	2707E 2537S	200F3	30	ND	300	H	6	
95,086	S38	AFS	1908E 2035S	200F3	40	ND	300	H	2	
95,086	PT ALEXANDRE	AGL	1151E 1548S	180F3	50	ND	150	H	3	
95,086	GWANE	CGO	2554E 0442N	180F3	100	ND	300	H	5	
95,086	KAPANGA KWANGO	CGO	1703E 0508S	180F3	100	ND	300	H	3	
95,086	KISANDJI	CGO	1916E 0618S	180F3	100	ND	300	H	3	
95,086	LUBUDI	CGO	2559E 0958S	180F3	100	ND	300	H	3	

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87,5-100 MHz Mc/s BC

1	2	3	4	5	6	7	8	9	10A	10B
95,086	LUBUTU	CGO	2634E 0044S	180F3	100	ND	300	H	3	
95,086	LUKOLELA	CGO	1711E 0107S	180F3	100	ND	300	H	3	
95,086	KOFFIKRO	CTI	0323W 0524N	180F3	100	ND	300	H	5	
95,086	AGARE SELAM	ETH	3831E 0630N	180F3	60	ND	600	H	6	
95,086	MOUILA	GAB	1102E 0151S	180F3	100	ND	300	H	5	
95,086	SANOUYA	GUI	1106W 1009N	180F3	100	ND	600	H	3	
95,086	KAMPTI	HVO	0331W 1004N	180F3	200	D	300	H	3	74/130/230/2
95,086	MOMBASA	KEN	3940E 0403S	180F3	100	ND	150	H	3	
95,086	BEFANDRIANA	MDG	4835E 1512S	180F3	2	ND	600	H	3	
95,086	ISEKENY	MDG	4456E 1909S	180F3	100	ND	300	H	3	
95,086	CHIBABAVA	MOZ	3338E 2020S	180F3	50	ND	75	H	3	
95,086	FURANCUNGO	MOZ	3336E 1454S	180F3	50	ND	150	H	3	
95,086	MOSSURIL	MOZ	4042E 1451S	180F3	50	ND	38	H	5	
95,086	BOUTILIMIT	MTN	1443W 1734N	180F3	100	D	300	H	4	74/150/210/10
95,086	AGADES	NGR	0759E 1658N	180F3	100	ND	300	H	3	
95,086	SAINT GILLES	REU	5515E 2102S	180F3	0,3	ND	300	H	4	
95,086	TAMBACOUNDA	SEN	1341W 1347N	180F3	100	D	300	H	4	74/200/270/10
95,086	ALULA	SOM	5047E 1155N	180F3	0,1	ND	30	H	2	
95,086	MAKENI	SRL	1200W 0852N	180F3	50	D	150	H	5	74/200/230/0,5
95,086	DOBA	TCD	1651E 0840N	180F3	100	ND	300	H	5	
95,086	MAO	TCD	1519E 1407N	180F3	100	ND	300	H	3	
95,086	MTWARA	TGK	4010E 1020S	180F3	100	ND	300	H	3	
95,172	C80	AFS	2229E 2722S	200F3	38	ND	350	H	2	
95,172	LOTHAIR	AFS	3037E 2612S	200F3	38	ND	300	H	6	
95,172	MILLER	AFS	2343E 3256S	200F3	38	ND	300	H	6	
95,172	S22	AFS	1445E 2230S	200F3	40	ND	300	H	2	
95,172	CELA	AGL	1507E 1125S	180F3	50	ND	300	H	3	
95,172	BETAMBA	CGO	2124E 0217S	180F3	100	ND	300	H	3	
95,172	BUSU MELO	CGO	2005E 0144N	180F3	100	ND	300	H	5	
95,172	GOMA	CGO	2914E 0141S	180F3	100	ND	300	H	3	
95,172	NIANGARA	CGO	2754E 0341N	180F3	100	ND	300	H	5	
95,172	BETAREOYA	CME	1407E 0536N	180F3	100	ND	300	H	5	
95,172	S.MARIA	CPV	2254W 1636N	180F3	50	ND	75	H	4	
95,172	ISNA	EGY	3230E 2517N	180F3	200	ND	150	H	2	
95,172	MENDI	ETH	3505E 0947N	180F3	10	ND	600	H	6	
95,172	TAMALE	GHA	0045W 0920N	180F3	50	ND	120	H	5	

87,5-100 MHz Mc/s BC

1	2	3	4	5	6	7	8	9	10A	10B
95,172	S.DOMINGOS	GNP	1612W 1226N	180F3	10	ND	75	H	4	
95,172	NZEREKORE	GUI	0849W 0743N	180F3	100	ND	300	H	5	
95,172	K	MLI	0425W 1750N	180F3	100	ND	300	H	2	
95,172	KITA	MLI	0931W 1304N	180F3	100	ND	600	H	3	
95,172	MOCUBA	MOZ	3659E 1650S	180F3	50	ND	150	H	3	
95,172	IDJIL	MTN	1240W 2240N	180F3	10	ND	300	H	4	
95,172	KIFFA	MTN	1124W 1637N	180F3	100	ND	300	H	3	
95,172	FILINGUE	NGR	0319E 1421N	180F3	100	ND	300	H	3	
95,172	KONTAGORA	NIG	0530E 1010N	180F3	100	ND	300	H	3	
95,172	PT HARCOURT	NIG	0701E 0451N	180F3	100	ND	300	H	5	
95,172	EL FASHER	SDN	2520E 1329N	180F3	100	ND	300	H	3	14
95,172	GELIB	SOM	4247E 0028N	180F3	0,1	ND	40	H	2	
95,200	AL HOCEIMA 1	MRC	0401W 3512N	180F3	1	ND	450	H	2	
95,258	BREDASDORP	AFS	1954E 3432S	200F3	38	ND	300	H	1	
95,258	EAST LONDON	AFS	2749E 3256S	200F3	38	ND	300	H	6	
95,258	KOSIES	AFS	1735E 2905S	200F3	38	ND	350	H	2	
95,258	S21	AFS	1835E 2310S	200F3	40	ND	300	H	2	
95,258	S61	AFS	1730E 1802S	200F3	40	ND	300	H	2	
95,258	WELKOM	AFS	2635E 2812S	200F3	38	ND	300	H	6	
95,258	CHITEMBO	AGL	1633E 1317S	180F3	50	ND	75	H	3	
95,258	BOSSABEMLE	CAF	1740E 0515N	180F3	100	ND	300	H	5	
95,258	YALINGA	CAF	2309E 0631N	180F3	100	ND	300	H	5	
95,258	KABONGO	CGO	2535E 0720S	180F3	100	ND	300	H	3	
95,258	KINDU	CGO	2555E 0257S	180F3	100	ND	300	H	3	
95,258	MUSHIE	CGO	1655E 0301S	180F3	100	ND	300	H	3	
95,258	FT FOUREAU	CME	1502E 1205N	180F3	200	ND	300	H	5	
95,258	NKONGSAMBA	CME	0954E 0500N	180F3	200	ND	600	H	5	
95,258	MONGANDIA	COG	1710E 0040N	180F3	100	ND	300	H	5	
95,258	SOUBRE	CTI	0636W 0546N	180F3	100	ND	300	H	5	
95,258	GHION	ETH	3756E 0837N	180F3	60	ND	1200	H	6	
95,258	MEGA	ETH	3819E 0404N	180F3	3	ND	600	H	2	
95,258	GAOUAL	GUI	1311W 1141N	180F3	100	ND	600	H	3	
95,258	FORT HALL	KEN	3710E 0040S	180F3	100	ND	300	H	3	
95,258	ROBERTSPORT	LBR	1122W 0645N	180F3	10	ND	100	H	4	
95,258	ANDILAMENA	MDG	4832E 1702S	180F3	100	ND	600	H	3	
95,258	DIOILA	MLI	0648W 1229N	180F3	100	ND	300	H	3	

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95,258	PT ETIENNE	MTN	1703W 2053N	180F3	10	ND	300	H	4	
95,258	D	NGR	0536E 1910N	180F3	100	ND	300	H	3	
95,258	TESSAOUA	NGR	0758E 1348N	180F3	100	ND	300	H	3	
95,258	SAINT JOSEPH	REU	5536E 2122S	180F3	0,3	ND	400	H	4	
95,258	NSEFU	RHN	3157E 1254S	180F3	100	ND	150	H	3	
95,258	NTAMBU	RHN	2508E 1240S	180F3	100	ND	150	H	3	
95,258	DJIBOUTI	SMF	4309E 1135N	180F3	0,1	ND	75	H	2	
95,258	ODDUR	SOM	4455E 0407N	180F3	0,5	ND	80	H	2	
95,258	SCUSCIUBAN	SOM	5015E 1015N	180F3	0,2	ND	85	H	2	
95,258	FADA	TCD	2130E 1712N	180F3	100	ND	300	H	3	
95,258	GOZ BEIDA	TCD	2125E 1213N	180F3	100	ND	300	H	3	
95,258	MAFIA	TGK	3935E 0755S	180F3	100	ND	150	H	3	
95,344	GREYTOWN	AFS	3032E 2901S	200F3	38	ND	750	H	3	
95,344	POTGIETERSRUST	AFS	2915E 2410S	200F3	38	ND	600	H	6	
95,344	S40	AFS	1335E 1935S	200F3	40	ND	300	H	2	
95,344	VAN WYKSVLEI	AFS	2134E 3013S	200F3	38	ND	300	H	2	
95,344	V SARMENTO	AGL	2033E 0807S	180F3	50	ND	75	H	3	
95,344	BEFALE	CGO	2057E 0027N	180F3	100	ND	300	H	5	
95,344	BOSOBOLO	CGO	1955E 0413N	180F3	100	ND	300	H	5	
95,344	ITULA	CGO	2750E 0330S	180F3	100	ND	300	H	3	
95,344	LUANZA	CGO	2842E 0840S	180F3	100	ND	300	H	3	
95,344	TSHELA	CGO	1250E 0500S	180F3	100	ND	300	H	3	
95,344	BIBINDA	CME	1226E 0330N	180F3	100	ND	300	H	5	
95,344	KONTCHA	CME	1214E 0758N	180F3	200	ND	300	H	5	
95,344	GR COMORE C	COM	4318E 1137S	180F3	1	ND	700	H	4	
95,344	ASYUT	EGY	3104E 2711N	180F3	100	ND	150	H	2	
95,344	LASTOURVILLE	GAB	1242E 0049S	180F3	100	ND	300	H	5	
95,344	BARANAMA	GUI	0846W 1008N	180F3	100	ND	300	H	3	
95,344	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
95,344	TCHIEN	LBR	0807W 0604N	180F3	10	ND	200	H	4	
95,344	ANTALAHA	MDG	5016E 1454S	180F3	100	ND	300	H	3	
95,344	BEDASY	MDG	4652E 1842S	180F3	100	ND	300	H	3	
95,344	NIAFOUNKE	MLI	0359W 1556N	180F3	100	ND	300	H	3	
95,344	VILA CABRAL	MOZ	3514E 1318S	180F3	50	ND	300	H	3	
95,344	K	MTN	0546W 2040N	180F3	100	ND	300	H	2	
95,344	GOURE	NGR	1016E 1401N	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
95,344	OSHOGBO	NIG	0434E 0746N	180F3	100	ND	300	H	5	
95,344	KALABO	RHN	2220E 1430S	180F3	100	ND	150	H	3	
95,344	KAPIRI MPOSHI	RHN	2815E 1410S	180F3	100	ND	150	H	3	
95,344	GWELO	RHS	2956E 1931S	180F3	100	ND	150	H	3	
95,344	DAKAR	SEN	1726W 1440N	180F3	0,1	ND	300	H	4	
95,400	CAIRO	EGY	3115E 3003N	180F3	100	ND	300	H	2	11
95,400	SAFI 1	MRC	0916W 3222N	180F3	1	ND	150	H	2	
95,430	AUS	AFS	1630E 2635S	200F3	40	ND	300	H	2	
95,430	S36	AFS	1705E 2040S	200F3	40	ND	300	H	2	
95,430	VENTERSTAD	AFS	2542E 3057S	200F3	38	ND	300	H	6	
95,430	LOBATSI	BCH	2535E 2515S	180F3	10	ND	300	H	6	
95,430	DUANDA DJALE	CAF	2246E 0853N	180F3	100	ND	300	H	5	
95,430	DIMBELENGE	CGO	2305E 0532S	180F3	100	ND	300	H	3	
95,430	KIMVULA	CGO	1549E 0554S	180F3	100	ND	300	H	3	
95,430	MBOLI	CGO	2317E 0401N	180F3	100	ND	300	H	5	
95,430	YANONGE	CGO	2441E 0037N	180F3	100	ND	300	H	5	
95,430	ANJOUAN S	COM	4430E 1219S	180F3	1	ND	900	H	4	
95,430	GUITRI	CTI	0514W 0531N	180F3	100	ND	300	H	5	
95,430	NIABOCOGO	CTI	0642W 0937N	180F3	100	ND	600	H	5	
95,430	SAFAGA	EGY	3400E 2642N	180F3	100	ND	150	H	2	
95,430	BITOU	HVO	0047W 1113N	180F3	200	D	300	H	3	74/150/210/2
95,430	DYOUMARA	MLI	0834W 1432N	180F3	100	ND	300	H	3	
95,430	HOMBORI	MLI	0140W 1515N	180F3	100	ND	900	H	3	
95,430	FINGOE	MOZ	3153E 1510S	180F3	50	ND	38	H	3	
95,430	NAMPULA	MOZ	3916E 1507S	180F3	100	ND	75	H	5	
95,430	D	MTN	1237W 2324N	180F3	100	ND	300	H	4	
95,430	OWERRI	NIG	0740E 0520N	180F3	25	ND	300	H	5	
95,430	SAINTE ROSE	REU	5550E 2108S	180F3	0,5	ND	300	H	4	
95,430	KASAMA	RHN	3110E 1012S	180F3	100	ND	150	H	3	
95,430	KOUNGHEUL	SEN	1447W 1358N	180F3	100	D	300	H	4	74/130/260/10
95,430	MOGADISCIO	SOM	4522E 0205N	180F3	60	ND	200	H	2	
95,430	S.TOME	STP	0645E 0021N	180F3	10	ND	38	H	5	
95,430	BAI BOKOUM	TCD	1540E 0744N	180F3	100	ND	600	H	5	
95,430	BILTINE	TCD	2055E 1432N	180F3	100	ND	300	H	3	
95,430	FORT PORTAL	UGA	3020E 0040N	180F3	100	ND	300	H	3	
95,516	C78	AFS	2018E 2735S	200F3	38	ND	150	H	2	

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95,516	JOHANNESBURG	AFS	2800E 2612S	200F3	100	ND	300	H	6	
95,516	P.ALBERT ROAD	AFS	2145E 3257S	200F3	38	ND	300	H	6	
95,516	PT ST.JOHNS	AFS	2925E 3134S	200F3	38	ND	350	H	6	
95,516	AMBRIZETE	AGL	1252E 0714S	180F3	50	ND	38	H	3	
95,516	AVIZ	AGL	1322E 1632S	180F3	50	ND	75	H	3	
95,516	BETANGAFO	CAF	1820E 0718N	180F3	100	ND	300	H	5	
95,516	BANGURU	CGO	2710E 0030N	180F3	100	ND	300	H	5	
95,516	BANGADI	CGO	2751E 0450N	180F3	100	ND	300	H	5	
95,516	BOMBOMA	CGO	1900E 0218N	180F3	100	ND	300	H	5	
95,516	LUSHIKO	CGO	2000E 0658S	180F3	100	ND	300	H	3	
95,516	BOUNA	CTI	0300W 0916N	180F3	100	ND	300	H	5	
95,516	BIMBEREKE	DAH	0239E 1014N	180F3	100	ND	300	H	3	
95,516	BULAQ	EGY	3032E 2513N	180F3	10	ND	150	H	2	
95,516	KISUMU	KEN	3445E 0003S	180F3	100	ND	150	H	3	
95,516	VOINJAMA	LBR	0945W 0826N	180F3	10	ND	200	H	5	
95,516	MAMBONE	MOZ	3500E 2100S	180F3	50	ND	75	H	3	
95,516	CHIROMO	NYA	3505E 1630S	180F3	100	ND	150	H	3	
95,516	KOURMOUK	SDN	3450E 0530N	180F3	100	ND	300	H	3	14
95,516	DALAFI	SEN	1224W 1340N	180F3	10	ND	300	H	4	
95,516	DUSA MAREB	SOM	4625E 0530N	180F3	0,1	ND	80	H	2	
95,516	SONGEA	TGK	3540E 1035S	180F3	100	ND	150	H	3	
95,546	S57	AFS	1340E 1810S	200F3	40	ND	300	H	2	
95,600	AZROU 2	MRC	0512W 3326N	180F3	1	ND	200	H	2	
95,602	GOLELA	AFS	3202E 2616S	200F3	38	ND	300	H	3	
95,602	KNEUKEL	AFS	2410E 2815S	200F3	38	ND	200	H	6	
95,602	PT.ELIZABETH	AFS	2533E 3356S	200F3	38	ND	300	H	6	
95,602	S19	AFS	1630E 2320S	200F3	40	ND	300	H	2	
95,602	S59	AFS	1530E 1803S	200F3	40	ND	300	H	2	
95,602	NOVA LISBOA	AGL	1540E 1250S	180F3	100	ND	150	H	3	
95,602	BOUROURI	BDI	2940E 0410S	180F3	100	ND	300	H	3	14
95,602	BRIA	CAF	2155E 0630N	180F3	100	ND	300	H	5	
95,602	O	CAF	1250E 0510N	180F3	100	ND	300	H	5	
95,602	BAUDOUINVILLE	CGO	2952E 0714S	180F3	100	ND	300	H	3	
95,602	BOSENGE	CGO	2220E 0118N	180F3	100	ND	300	H	5	
95,602	LODJA	CGO	2331E 0332S	180F3	100	ND	300	H	3	
95,602	TSHABUTA	CGO	2307E 0742S	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
95,602	MAROUA	CME	1419E 1037N	180F3	100	ND	600	H	5	
95,602	MOUYOUNDZI	COG	1357E 0400S	180F3	100	ND	300	H	5	
95,602	IDFU	EGY	3249E 2500N	180F3	200	ND	150	H	2	
95,602	MAKOKOU	GAB	1250E 0034N	180F3	100	ND	300	H	5	
95,602	CATIO	GNP	1515W 1115N	180F3	10	ND	38	H	4	
95,602	PISSILA	HVO	0049W 1310N	180F3	100	ND	300	H	3	
95,602	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
95,602	IANADABO	MDG	4400E 2216S	180F3	100	ND	600	H	3	
95,602	BAMAKO	MLI	0801W 1239N	180F3	100	ND	300	H	3	
95,602	BIRNI NKONI	NGR	0512E 1348N	180F3	100	D	300	H	3	74/90/270/5
95,602	H	NGR	1145E 2303N	180F3	100	ND	300	H	3	
95,602	BANGWEULU	RHN	3010E 1205S	180F3	100	ND	150	H	3	
95,602	SALISBURY	RHS	3104E 1747S	180F3	100	ND	300	H	3	
95,602	ST LOUIS	SEN	1529W 1600N	180F3	0,1	ND	300	H	4	
95,602	LUGH FERRANDI	SOM	4233E 0350N	180F3	0,5	ND	80	H	2	
95,602	MANGALME	TCD	1935E 1223N	180F3	100	ND	600	H	3	
95,688	CRATER PASS	ADN	4502E 1247N	180F3	1	ND	150	H	4	13
95,688	HOUNDSLOW	AFS	2708E 2352S	200F3	38	ND	150	H	6	
95,688	JAGGERSPLAAT	AFS	1934E 3002S	200F3	38	ND	300	H	2	
95,688	S54	AFS	1905E 1855S	200F3	40	ND	300	H	2	
95,688	ALJUSTREL	AGL	1950E 1350S	180F3	50	ND	75	H	3	
95,688	CAUNGULA	AGL	1840E 0820S	180F3	50	ND	150	H	3	
95,688	GEORGETOWN	ASC	1425W 0756S	180F3	5	ND	600	H	4	
95,688	MAFETENG	BAS	2730E 2950S	180F3	10	ND	300	H	6	
95,688	BANGUI	CAF	1835E 0423N	180F3	100	ND	300	H	5	
95,688	DJEMA	CAF	2515E 0608N	180F3	100	ND	300	H	5	
95,688	BANALIA	CGO	2523E 0134N	180F3	100	ND	300	H	5	
95,688	COQUILHATVILLE	CGO	1818E 0001S	180F3	100	ND	300	H	5	
95,688	KASONGO TONGON	CGO	2632E 0429S	180F3	100	ND	300	H	3	
95,688	SIRE	ETH	3930E 0817N	180F3	60	ND	300	H	6	
95,688	WIAWSO	GHA	0229W 0616N	180F3	50	ND	120	H	5	
95,688	LABE	GUI	1214W 1118N	180F3	100	ND	600	H	3	
95,688	MALINDI	KEN	4005E 0315S	180F3	100	ND	150	H	3	
95,688	GBARNGA	LBR	0908W 0728N	180F3	20	ND	300	H	4	
95,688	MANIVALO	MDG	4621E 2227S	180F3	100	ND	600	H	3	
95,688	MORAFENO BE	MDG	4452E 1752S	180F3	100	ND	300	H	3	

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95,688	E	MLI	0140W 2235N	180F3	100	ND	300	H	2	
95,688	KOUTIALA	MLI	0528W 1223N	180F3	100	ND	300	H	3	
95,688	FUNHALOURO	MOZ	3427E 2307S	180F3	50	ND	75	H	3	
95,688	VILA PERY	MOZ	3329E 1907S	180F3	50	ND	150	H	3	
95,688	A	MTN	1511W 2020N	180F3	100	ND	300	H	4	
95,688	L	NGR	1525E 1830N	180F3	100	ND	300	H	3	
95,688	IBI	NIG	1040E 0820N	180F3	100	ND	300	H	5	
95,688	CHIPATA	NYA	3355E 1304S	180F3	100	ND	150	H	3	
95,688	ETANG SALE	REU	5521E 2116S	180F3	0,3	ND	300	H	4	
95,688	LUSANGO S	RHN	2600E 1440S	180F3	100	ND	150	H	3	
95,688	SHAKWANKI SPRI	RHS	2620E 1915S	180F3	100	ND	150	H	3	
95,688	SEDO ABAS	SEN	1327W 1547N	180F3	10	ND	300	H	4	
95,688	BOUSSO	TCD	1625E 1029N	180F3	100	ND	300	H	3	
95,688	EGUITIMMI	TCD	1619E 1548N	180F3	100	ND	300	H	3	
95,688	I	TCD	2247E 1623N	180F3	100	ND	300	H	3	
95,688	MBEYA	TGK	3330E 0850S	180F3	100	ND	1200	H	3	
95,688	SHINYANGA	TGK	3325E 0340S	180F3	100	ND	150	H	3	
95,688	LIRA	UGA	3255E 0210N	180F3	100	ND	150	H	3	
95,700	ISMAILIA	EGY	3216E 3035N	180F3	100	ND	75	H	2	11
95,700	MIZDA	LBY	1300E 3127N	180F3	0,9	ND	300	H	2	11
95,744	LUANIKA	CGO	1425E 0535S	180F3	100	ND	300	H	3	
95,774	DEELFONTEIN	AFS	2356E 3107S	200F3	38	ND	300	H	6	
95,774	DUBLIN	AFS	3040E 2427S	200F3	38	ND	750	H	6	
95,774	S34	AFS	1512E 2030S	200F3	40	ND	300	H	2	
95,774	PAIVA COUCEIRO	AGL	1433E 1450S	180F3	50	ND	75	H	3	
95,774	OMIE	CME	1424E 0749N	180F3	100	ND	600	H	5	
95,774	LAS PALMAS	CNR	1525W 2808N	180F3	1	ND	75	H	4	
95,774	QENA	EGY	3243E 2610N	180F3	200	ND	150	H	2	
95,774	GURAFARDA	ETH	3456E 0651N	180F3	10	ND	600	H	6	
95,774	LEKONI	GAB	1414E 0135S	180F3	100	ND	300	H	5	
95,774	AJANGOTE	GHA	0010W 0535N	180F3	50	ND	250	H	5	
95,774	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
95,774	TANANARIVE	MDG	4731E 1856S	180F3	0,5	ND	300	H	3	
95,774	DOUENTZA	MLI	0258W 1458N	180F3	100	ND	600	H	3	
95,774	I	MLI	0430W 2020N	180F3	100	ND	300	H	2	
95,774	YELIMANE	MLI	1034W 1507N	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
95,774	EL MILHEAS	MTN	0654W 2453N	180F3	100	ND	300	H	2	
95,774	BENIN	NIG	0537E 0619N	180F3	100	ND	300	H	5	
95,774	MUBI	NIG	1318E 1019N	180F3	100	ND	300	H	3	
95,774	MONGU	RHN	2308E 1515S	180F3	100	ND	150	H	3	
95,774	RUFUNSA	RHN	2935E 1503S	180F3	100	ND	150	H	3	
95,774	BELINGWE	RHS	2955E 2038S	180F3	100	ND	150	H	3	
95,774	DINSOR	SOM	4300E 0225N	180F3	0,5	ND	60	H	2	
95,807	KIRIMA	AGL	1805E 1030S	180F3	50	ND	75	H	3	
95,860	COLIGNY	AFS	2610E 2623S	200F3	38	ND	300	H	6	
95,860	ENGCOBO	AFS	2744E 3142S	200F3	38	ND	300	H	6	
95,860	PIQUETBERG	AFS	1844E 3250S	200F3	38	ND	200	H	1	
95,860	S4	AFS	1802E 2715S	200F3	40	ND	300	H	2	
95,860	S30	AFS	1835E 2130S	200F3	40	ND	300	H	2	
95,860	CUANGO	AGL	1633E 0614S	180F3	50	ND	150	H	3	
95,860	ANGO	CGO	2550E 0402N	180F3	100	ND	300	H	5	
95,860	BOLOBO	CGO	1615E 0228S	180F3	100	ND	300	H	3	
95,860	KABINDA	CGO	2426E 0608S	180F3	100	ND	300	H	3	
95,860	LOWA	CGO	2552E 0128S	180F3	100	ND	300	H	3	
95,860	OUESSO	COG	1602E 0140N	180F3	100	ND	300	H	5	
95,860	GR COMORE W	COM	4314E 1145S	180F3	1	ND	300	H	4	
95,860	KOROGHO	CTI	0539W 0927N	180F3	100	ND	300	H	5	
95,860	ABOMEY CALAVI	DAH	0225E 0630N	180F3	100	ND	300	H	5	
95,860	TANGUIETA	DAH	0118E 1036N	180F3	100	ND	300	H	3	
95,860	AGAR MARIAM	ETH	3815E 0537N	180F3	10	ND	600	H	6	
95,860	KEREN	ETH	3830E 1545N	180F3	3	ND	150	H	6	
95,860	TCHIBANGA	GAB	1103E 0251S	180F3	100	ND	300	H	5	
95,860	AMBATOMAHABO	MDG	4509E 2008S	180F3	100	ND	300	H	3	
95,860	AMBONONDRONOMB	MDG	4619E 2328S	180F3	100	ND	600	H	3	
95,860	ANTSATRANA	MDG	4853E 1543S	180F3	100	ND	600	H	3	
95,860	MABROUK	MLI	0115W 1930N	180F3	100	ND	300	H	2	
95,860	MOURDHIA	MLI	0727W 1459N	180F3	100	ND	300	H	3	
95,860	V.DE JOAO BELO	MOZ	3338E 2503S	180F3	50	ND	75	H	3	
95,860	LEGAT	MTN	1450W 1646N	180F3	10	ND	300	H	4	
95,860	MWILA E	RHN	3240E 1125S	180F3	100	ND	150	H	3	
95,860	VELINGARA	SEN	1406W 1309N	180F3	15	ND	300	H	4	
95,860	VICTORIA	SEY	5529E 0443S	180F3	5	ND	600	H	2	

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95,860	MOISSALA	TCD	1746E 0820N	180F3	100	ND	300	H	5	
95,860	TABORA	TGK	3250E 0500S	180F3	100	ND	150	H	3	
95,860	TANGA	TGK	3908E 0505S	180F3	100	ND	1200	H	3	
95,946	SKEURBERG	AFS	2215E 2815S	200F3	38	ND	300	H	2	
95,946	UNIONDALE	AFS	2254E 3338S	200F3	38	ND	600	H	6	
95,946	VOLKSRUST	AFS	2950E 2712S	200F3	38	ND	300	H	6	
95,946	BASANKUSU	CGO	1948E 0113N	180F3	100	ND	300	H	5	
95,946	BUKAVU	CGO	2852E 0220S	180F3	100	ND	300	H	3	
95,946	MBOI	CGO	2154E 0656S	180F3	100	ND	300	H	3	
95,946	PAULIS	CGO	2738E 0246N	180F3	100	ND	300	H	5	
95,946	SAKANIA	CGO	2831E 1241S	180F3	100	ND	300	H	3	
95,946	BERTOUA	CME	1341E 0433N	180F3	100	ND	500	H	5	
95,946	PRAIA	CPV	2331W 1455N	180F3	100	ND	75	H	4	
95,946	MT TONKOUI	CTI	0738W 0727N	180F3	100	ND	600	H	5	
95,946	ASBE TAFARI	ETH	4054E 0901N	180F3	60	ND	1200	H	6	
95,946	DEMBIDOLLO	ETH	3438E 0836N	180F3	10	ND	150	H	6	
95,946	DOLO	ETH	4205E 0410N	180F3	3	ND	150	H	2	
95,946	BANTALA	GHA	0145W 0940N	180F3	50	ND	100	H	5	
95,946	AMBALANIRANA	MDG	5000E 1351S	180F3	100	ND	600	H	3	
95,946	KANDREHO	MDG	4605E 1728S	180F3	100	ND	300	H	3	
95,946	KIDAL	MLI	0120E 1825N	180F3	100	ND	300	H	2	
95,946	KOURAGUE	MLI	1003W 1220N	180F3	100	ND	600	H	3	
95,946	LANFIERA	MLI	0409W 1330N	180F3	100	ND	300	H	3	
95,946	G	MTN	0835W 2705N	180F3	10	ND	300	H	2	
95,946	DOSSO	NGR	0312E 1303N	180F3	100	ND	300	H	3	
95,946	DUKWA	NIG	1030E 1040N	180F3	100	ND	300	H	3	
95,946	ILORIN	NIG	0433E 0832N	180F3	100	ND	300	H	5	
95,946	OBBIA	SOM	4830E 0520N	180F3	0,5	ND	70	H	2	
95,946	OUANTAGOI	TCD	1635E 2136N	180F3	100	ND	300	H	2	
96,000	PHILIPPEVILLE	ALG	0706E 3654N	180F3	0,5	D	650	H	1	11
96,000	CASABLANCA	MRC	0735W 3334N	180F3	1	ND	45	H	2	
96,000	MARRAKECH 2	MRC	0801W 3146N	180F3	20	ND	300	H	2	
96,000	TANGER 2	MRC	0549W 3544N	180F3	20	ND	150	H	2	
96,032	BLOEMFONTEIN	AFS	2614E 2906S	200F3	100	ND	300	H	6	
96,032	S52	AFS	1707E 1856S	200F3	40	ND	300	H	2	
96,032	S68	AFS	2435E 1750S	200F3	40	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10A	10B
96,032	SPRINGBOK	AFS	1758E 2946S	200F3	38	ND	300	H	2	
96,032	MONTE VERDE	AGL	1641E 0836S	180F3	50	ND	150	H	3	
96,032	BERBERATI	CAF	1534E 0403N	180F3	100	ND	300	H	5	
96,032	ISANGI	CGO	2410E 0046N	180F3	100	ND	300	H	5	
96,032	NANGA EBOKO	CME	1225E 0434N	180F3	100	ND	300	H	5	
96,032	MOUALI	COG	1527E 0020N	180F3	100	ND	300	H	5	
96,032	TANFROFOU	CTI	0407W 0648N	180F3	100	ND	300	H	5	
96,032	PT GENTIL	GAB	0842E 0042S	180F3	100	ND	300	H	5	
96,032	MAMOU	GUI	1206W 1022N	180F3	100	ND	300	H	3	
96,032	TYABOANDOU	HVO	0018W 1251N	180F3	100	ND	300	H	3	
96,032	ANDRIAMENA	MDG	4732E 1724S	180F3	100	ND	600	H	3	
96,032	RANOHIRA	MDG	4523E 2233S	180F3	100	ND	600	H	3	
96,032	TEMERA	MLI	0056W 1700N	180F3	100	ND	300	H	3	
96,032	TIMBEDRA	MTN	0812W 1616N	180F3	100	ND	300	H	3	
96,032	C	NGR	0504E 1740N	180F3	100	ND	300	H	3	
96,032	NGUIGMI	NGR	1310E 1414N	180F3	100	ND	300	H	3	
96,032	KEFFI	NIG	0750E 0930N	180F3	25	ND	300	H	5	
96,032	PITON DE SABLE	REU	5539E 2111S	180F3	5	ND	1200	H	4	
96,032	FORT JAMESON	RHN	3236E 1335S	180F3	100	ND	150	H	3	
96,032	UMTALI	RHS	3237E 1857S	180F3	100	ND	150	H	3	
96,032	LINGUERE	SEN	1507W 1524N	180F3	50	ND	300	H	4	
96,032	BUR ACABA	SOM	4405E 0250N	180F3	0,1	ND	50	H	2	
96,032	HARGHEISA	SOM	4402E 0935N	180F3	100	ND	480	H	2	
96,032	BIGBEND	SWZ	3158E 2647S	180F3	5	ND	300	H	3	
96,032	D	TCD	1911E 2046N	180F3	100	ND	300	H	2	
96,032	SEIFOU	TCD	2140E 1115N	180F3	100	ND	300	H	3	
96,032	KILWA	TGK	3925E 0840S	180F3	100	ND	150	H	3	
96,100	SUEZ	EGY	3231E 3000N	180F3	100	ND	75	H	2	11
96,100	ENUGU	NIG	0729E 0620N	180F3	100	ND	75	H	5	
96,100	KADUNA	NIG	0726E 1033N	180F3	10	ND	300	H	3	
96,100	LAGOS	NIG	0327E 0627N	180F3	100	ND	300	H	5	
96,118	BULWER	AFS	2945E 2948S	200F3	38	ND	600	H	3	
96,118	NABOOMSPRUIT	AFS	2834E 2436S	200F3	38	ND	200	H	6	
96,118	S47	AFS	2040E 1945S	200F3	40	ND	300	H	2	
96,118	WILLISTON	AFS	2112E 3102S	200F3	38	ND	300	H	6	
96,118	CABINDA	AGL	1211E 0532S	180F3	100	ND	150	H	3	

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96,118	SA DA BANDEIRA	AGL	1330E 1454S	180F3	100	ND	150	H	3	
96,118	OBO	CAF	2626E 0522N	180F3	100	ND	300	H	5	
96,118	BAFWASENDE	CGO	2713E 0107N	180F3	100	ND	300	H	5	
96,118	IDIOFA	CGO	1925E 0450S	180F3	100	ND	300	H	3	
96,118	KILWA	CGO	2809E 0908S	180F3	100	ND	300	H	3	
96,118	LIBENGE	CGO	1837E 0338N	180F3	100	ND	300	H	5	
96,118	BANYO	CME	1150E 0644N	180F3	200	ND	600	H	5	
96,118	SANGMELIMA	CME	1157E 0256N	180F3	100	ND	300	H	5	
96,118	QUOREM	ETH	3932E 1231N	180F3	60	ND	1200	H	6	
96,118	KOULAMOUTOU	GAB	1333E 0136S	180F3	100	ND	300	H	5	
96,118	NKABIN	GHA	0135W 0620N	180F3	50	ND	150	H	5	
96,118	BATHURST	GMB	1640W 1325N	180F3	25	ND	300	H	4	
96,118	DOUAKO	GUI	1011W 0944N	180F3	100	ND	300	H	5	
96,118	GREENVILLE	LBR	0902W 0501N	180F3	20	ND	100	H	4	
96,118	KAYES	MLI	1125W 1423N	180F3	100	ND	600	H	3	
96,118	L	MLI	0030E 2030N	180F3	100	ND	300	H	2	
96,118	INHAMBANE	MOZ	3524E 2352S	180F3	100	ND	75	H	3	
96,118	F	MTN	0827W 2540N	180F3	100	ND	300	H	2	
96,118	ZOMBA	NYA	3520E 1520S	180F3	100	ND	600	H	3	
96,118	LUSAKA	RHN	2822E 1526S	180F3	100	ND	150	H	3	
96,118	KOUNO	TCD	1740E 0950N	180F3	100	ND	300	H	5	
96,118	NJOMBE	TGK	3445E 0920S	180F3	100	ND	300	H	3	
96,200	BOUGIE	ALG	0501E 3644N	180F3	1,2	D	300	H	1	11
96,204	CRADOCK	AFS	2539E 3155S	200F3	38	ND	400	H	6	
96,204	GENESA	AFS	2404E 2630S	200F3	38	ND	200	H	2	
96,204	KOMATIPOORT	AFS	3147E 2513S	200F3	38	ND	200	H	3	
96,204	S28	AFS	1650E 2140S	200F3	40	ND	300	H	2	
96,204	ALEMBA	AGL	1632E 1010S	180F3	50	ND	75	H	3	
96,204	MAQUELA ZOMBO	AGL	1507E 0603S	180F3	100	ND	150	H	3	
96,204	PEREIRA DECA	AGL	1548E 1704S	180F3	50	ND	150	H	3	
96,204	BONDO	CGO	2348E 0340N	180F3	100	ND	300	H	5	
96,204	DILOLO	CGO	2227E 1028S	180F3	100	ND	300	H	3	
96,204	IKELA	CGO	2305E 0107S	180F3	100	ND	300	H	3	
96,204	NGAOUNDERE	CME	1333E 0716N	180F3	100	ND	300	H	5	
96,204	WULEHE	GHA	0000W 0832N	180F3	50	ND	100	H	5	
96,204	ARAOUANE	MLI	0330W 1855N	180F3	100	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10A	10B
96,204	B	NGR	0438E 1610N	180F3	100	ND	300	H	3	
96,204	BIRIRI	NIG	1140E 1210N	180F3	100	ND	300	H	3	
96,204	NSAMBO	RHN	2957E 1047S	180F3	100	ND	150	H	3	
96,204	MUSHUNGAYENDI	RHS	3016E 1622S	180F3	100	ND	150	H	3	
96,204	TRIANGLE	RHS	3126E 2102S	180F3	100	ND	150	H	3	
96,204	KOLDA	SEN	1459W 1254N	180F3	10	ND	300	H	4	
96,204	FREETOWN	SRL	1317W 0830N	180F3	50	ND	150	H	5	
96,204	ABECHE	TCD	2051E 1348N	180F3	100	ND	300	H	3	
96,204	MBARARA	UGA	3045E 0040S	180F3	100	ND	300	H	3	
96,290	FRANKFORT	AFS	2808E 2729S	200F3	38	ND	300	H	6	
96,290	HEIDELBERG	AFS	2102E 3400S	200F3	38	ND	300	H	1	
96,290	CUANGAR	AGL	1831E 1720S	180F3	50	ND	38	H	3	
96,290	A	CAF	2435E 0745N	180F3	100	ND	300	H	5	
96,290	KAHEMBA	CGO	1900E 0730S	180F3	100	ND	300	H	3	
96,290	KALIMA	CGO	2632E 0236S	180F3	100	ND	300	H	3	
96,290	TITULE	CGO	2532E 0314N	180F3	100	ND	300	H	5	
96,290	BAFOUSSAM	CME	1025E 0527N	180F3	100	ND	600	H	5	
96,290	GAMBONA	COG	1552E 0157S	180F3	100	ND	300	H	5	
96,290	IMPFONDO	COG	1803E 0140N	180F3	100	ND	300	H	5	
96,290	PARAKOU	DAH	0238E 0920N	180F3	100	ND	300	H	5	
96,290	ASMARA	ETH	3856E 1521N	180F3	60	ND	600	H	6	
96,290	SULULTA	ETH	3822E 0919N	180F3	60	ND	1200	H	6	
96,290	ESSONE	GAB	1113E 0040N	180F3	100	ND	300	H	5	
96,290	AMBORAMPOTSY	MDG	4619E 2041S	180F3	100	ND	600	H	3	
96,290	BESALAMPY	MDG	4429E 1645S	180F3	50	ND	300	H	3	
96,290	ESIRATRAFONOMB	MDG	4643E 2433S	180F3	100	ND	600	H	3	
96,290	KE MACINA	MLI	0521W 1358N	180F3	100	ND	300	H	2	
96,290	MABOTE	MOZ	3410E 2200S	180F3	50	ND	75	H	3	
96,290	MUNGARI	MOZ	3330E 1710S	180F3	50	ND	75	H	3	
96,290	M	MTN	0543W 1815N	180F3	100	ND	300	H	2	
96,290	MZUZU	NYA	3400E 1126S	180F3	100	ND	150	H	3	
96,290	SOLWEZI	RHN	2625E 1210S	180F3	100	ND	150	H	3	
96,290	KAMATIVI MINE	RHS	2700E 1820S	180F3	100	ND	150	H	3	
96,290	KENEMA	SRL	1110W 0750N	180F3	50	ND	300	H	5	
96,290	B	TCD	1532E 1636N	180F3	100	ND	300	H	3	
96,290	BOKORO	TCD	1703E 1223N	180F3	100	ND	300	H	3	

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96,290	MUSOMA	TGK	3355E 0135S	180F3	100	ND	150	H	3	
96,300	IBADAN	NIG	0356E 0724N	180F3	10	ND	150	H	5	
96,376	LITTLE ADEN	ADN	4553E 1246N	180F3	5	ND	300	H	4	13
96,376	GRIQUATOWN	AFS	2325E 2905S	200F3	38	ND	250	H	6	
96,376	NONGOMO	AFS	3120E 2757S	200F3	38	ND	750	H	3	
96,376	S14	AFS	1610E 2350S	200F3	40	ND	300	H	2	
96,376	S50	AFS	1500E 1850S	200F3	40	ND	300	H	2	
96,376	S66	AFS	2235E 1755S	200F3	40	ND	300	H	2	
96,376	SIBASA	AFS	3013E 2250S	200F3	38	ND	450	H	6	
96,376	CACONDA	AGL	1504E 1344S	180F3	50	ND	150	H	3	
96,376	QUIBAXE	AGL	1436E 0830S	180F3	50	ND	300	H	3	
96,376	ALINDAO	CAF	2118E 0502N	180F3	100	ND	300	H	5	
96,376	DUYE	CGO	2858E 0149N	180F3	100	ND	300	H	5	
96,376	KAPANGA KATANG	CGO	2245E 0825S	180F3	100	ND	300	H	3	
96,376	YASA	CGO	2112E 0341S	180F3	100	ND	300	H	3	
96,376	GAROUA	CME	1328E 0924N	180F3	100	ND	600	H	5	
96,376	MBANG	CME	1416E 0358N	180F3	100	ND	300	H	5	
96,376	PANGALA	COG	1435E 0325S	180F3	100	ND	300	H	5	
96,376	GORE	ETH	3532E 0809N	180F3	10	ND	600	H	6	
96,376	POTWIA	GHA	0022E 0720N	180F3	50	ND	120	H	5	
96,376	TITA	HVO	0231W 1156N	180F3	100	ND	300	H	3	
96,376	MT KENYA	KEN	3725E 0015S	180F3	100	ND	1200	H	3	
96,376	H	MLI	0540W 2200N	180F3	100	ND	300	H	2	
96,376	TOMBOUCTOU	MLI	0301W 1647N	180F3	100	ND	300	H	2	
96,376	MARRUPA	MOZ	3730E 1312S	180F3	50	ND	75	H	3	
96,376	KABBA	NIG	0600E 0740N	180F3	100	ND	300	H	5	
96,376	SOKOTO	NIG	0516E 1301N	180F3	100	ND	300	H	3	
96,376	QUE QUE	RHS	2946E 1855S	180F3	10	ND	150	H	3	
96,376	GALLABAT	SDN	3615E 1315N	180F3	100	ND	300	H	6	14
96,376	OUAOU	SDN	2800E 0735N	180F3	100	ND	300	H	5	14
96,376	KAOLACK	SEN	1607W 1410N	180F3	50	ND	300	H	4	
96,376	ABOUDEIA	TCD	1916E 1126N	180F3	100	ND	600	H	3	
96,400	SEBDOU	ALG	0114W 3417N	180F3	5	ND	300	H	1	11
96,400	TIZI OUZOU	ALG	0403E 3644N	180F3	*	ND	600	H	1	* 0,05 KW 11
96,400	RABAT 3	MRC	0649W 3355N	180F3	1	ND	40	H	2	11
96,462	BITTERFONTEIN	AFS	1831E 3056S	200F3	38	ND	300	H	1	

1	2	3	4	5	6	7	8	9	10A	10B
96,462	BOSMANSKOP	AFS	2713E 2959S	200F3	38	ND	300	H	6	
96,462	S13	AFS	1850E 2510S	200F3	40	ND	300	H	2	
96,462	S45	AFS	1835E 1935S	200F3	40	ND	300	H	2	
96,462	WONDERBOOM	AFS	2615E 2445S	200F3	38	ND	300	H	6	
96,462	BIRAO	CAF	2247E 1016N	180F3	100	ND	300	H	5	
96,462	KAMBA ORO	CAF	1651E 0340N	180F3	100	ND	300	H	5	
96,462	RAFAI	CAF	2358E 0459N	180F3	100	ND	300	H	5	
96,462	BIKORO	CGO	1808E 0040S	180F3	100	ND	300	H	3	
96,462	BUKAMA	CGO	2550E 0912S	180F3	100	ND	300	H	3	
96,462	STANLEYVILLE	CGO	2511E 0030N	180F3	100	ND	300	H	5	
96,462	ADZOPE	CTI	0351W 0606N	180F3	100	ND	300	H	5	
96,462	SHASHAMANE	ETH	3835E 0712N	180F3	60	ND	1200	H	6	
96,462	BASSE	GMB	1415W 1320N	180F3	25	D	300	H	4	74/150/200/5
96,462	RIO BENITO	GNE	0937E 0135N	180F3	1	ND	150	H	5	
96,462	DIAPAGA	HVO	0147E 1204N	180F3	200	ND	300	H	3	
96,462	MARIAKANI	KEN	3928E 0355S	180F3	100	ND	600	H	3	
96,462	NYERI	KEN	3655E 0025S	180F3	100	ND	300	H	3	
96,462	BUCHANAN	LBR	1003W 0553N	180F3	10	ND	100	H	4	
96,462	B MAKOTAOLANA	MDG	4841E 1436S	180F3	50	ND	300	H	3	
96,462	MORONGA	MDG	4916E 1806S	180F3	50	ND	300	H	3	
96,462	GAO	MLI	0002W 1616N	180F3	100	ND	300	H	3	
96,462	NARA	MLI	0717W 1510N	180F3	100	ND	300	H	2	
96,462	BEL GUERDANE	MTN	1031W 2524N	180F3	100	ND	300	H	2	
96,462	NAKONDE	RHN	3247E 0916S	180F3	100	ND	150	H	3	
96,462	CHIPINGA	RHS	3232E 2012S	180F3	100	ND	150	H	3	
96,462	KELO	TCD	1548E 0925N	180F3	100	ND	300	H	5	
96,462	RIG RIG	TCD	1421E 1416N	180F3	100	ND	300	H	3	
96,548	BELFAST	AFS	3003E 2525S	200F3	38	ND	350	H	6	
96,548	C91	AFS	2212E 2632S	200F3	38	ND	150	H	2	
96,548	S32	AFS	1435E 2110S	200F3	40	ND	300	H	2	
96,548	THREE SISTERS	AFS	2309E 3156S	200F3	38	ND	300	H	6	
96,548	CHIVEMBA	AGL	1445E 1527S	180F3	50	ND	75	H	3	
96,548	KIBALA	AGL	1447E 1037S	180F3	50	ND	150	H	3	
96,548	NOQUI	AGL	1325E 0551S	180F3	50	ND	150	H	3	
96,548	NOVA CHAVES	AGL	2103E 1027S	180F3	50	ND	75	H	3	
96,548	GHANZI	BCH	2330E 2200S	180F3	10	ND	300	H	2	

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96,548	BAMINGUI	CAF	2009E 0731N	180F3	100	ND	300	H	5	
96,548	ALBERTVILLE	CGO	2911E 0554S	180F3	100	ND	300	H	3	
96,548	BUSINGA	CGO	2058E 0316N	180F3	100	ND	300	H	5	
96,548	LUEBO	CGO	2122E 0520S	180F3	100	ND	300	H	3	
96,548	MONKOTO	CGO	2035E 0138S	180F3	100	ND	300	H	3	
96,548	TIBATI	CME	1237E 0627N	180F3	100	ND	300	H	5	
96,548	GR COMORE N	COM	4317E 1125S	180F3	0,1	ND	300	H	4	
96,548	MOHELI W	COM	4340E 1221S	180F3	0,1	ND	300	H	4	
96,548	EL CARRE	ETH	4210E 0550N	180F3	10	ND	150	H	6	
96,548	GUBBA	ETH	3524E 1115N	180F3	3	ND	600	H	6	
96,548	MINKEBE	GAB	1246E 0151N	180F3	100	ND	300	H	5	
96,548	BEYLA	GUI	0839W 0842N	180F3	100	ND	300	H	5	
96,548	TSIAFAJAYONA	MDG	4716E 1920S	180F3	50	ND	600	H	3	
96,548	J	MLI	0430W 1900N	180F3	100	ND	300	H	2	
96,548	KORO	MLI	0305W 1404N	180F3	100	ND	300	H	3	
96,548	MENAKA	MLI	0217E 1557N	180F3	100	ND	300	H	2	
96,548	VILA JUNQUEIRO	MOZ	3659E 1528S	180F3	50	ND	150	H	3	
96,548	POTISKUM	NIG	1030E 1130N	180F3	100	ND	300	H	3	
96,548	WARRI	NIG	0544E 0531N	180F3	100	ND	300	H	5	
96,548	KAWAMBWA	RHN	2905E 0947S	180F3	100	ND	150	H	3	
96,548	SILUANA	RHN	2302E 1650S	180F3	100	ND	150	H	3	
96,548	KARIBA	RHS	2847E 1632S	180F3	100	ND	150	H	3	
96,548	ZIGUINCHOR	SEN	1615W 1235N	180F3	10	D	300	H	4	74/90/270/1
96,548	ATI	TCD	1820E 1314N	180F3	100	ND	300	H	3	
96,548	KABALE	UGA	3000E 0120S	180F3	100	ND	150	H	3	
96,600	CONSTANTINE	ALG	0634E 3624N	180F3	100	ND	1200	H	1	11
96,600	PT SAID	EGY	3218E 3116N	180F3	100	ND	75	H	2	11
96,634	KING WILLIAMS	AFS	2715E 3241S	200F3	38	ND	350	H	6	
96,634	PAARL	AFS	1856E 3343S	200F3	0,3	ND	350	H	1	
96,634	S1	AFS	1800E 2820S	200F3	40	ND	300	H	2	
96,634	S25	AFS	1808E 2225S	200F3	40	ND	300	H	2	
96,634	WOLMARANSTAD	AFS	2603E 2714S	200F3	38	ND	300	H	6	
96,634	SILVA PORTO	AGL	1656E 1223S	180F3	50	ND	75	H	3	
96,634	BOZOUM	CAF	1624E 0620N	180F3	100	ND	300	H	5	
96,634	ABA	CGO	3015E 0353N	180F3	100	ND	300	H	5	
96,634	AKETI	CGO	2356E 0325N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
96,634	KALOKO	CGO	2547E 0647S	180F3	100	ND	300	H	3	
96,634	MULONGA FUNGA	CGO	2529E 1109S	180F3	100	ND	300	H	3	
96,634	LOPI	COG	1640E 0255N	180F3	100	ND	300	H	5	
96,634	MAYOTTE	COM	4509E 1252S	180F3	10	ND	600	H	4	
96,634	MT NIANGBO	CTI	0511W 0849N	180F3	100	ND	600	H	5	
96,634	BARENTU	ETH	3737E 1507N	180F3	3	ND	300	H	6	
96,634	LIBREVILLE	GAB	0928E 0025N	180F3	100	D	300	H	5	74/240/45/25
96,634	NOVA LAMEGO	GNP	1414W 1217N	180F3	5	ND	75	H	4	
96,634	DORI	HVO	0002W 1402N	180F3	100	ND	300	H	3	
96,634	EJEDA	MDG	4431E 2420S	180F3	100	ND	300	H	3	
96,634	TOUGOUNI	MLI	0713W 1313N	180F3	100	ND	300	H	3	
96,634	MUEDA	MOZ	3933E 1140S	180F3	50	ND	300	H	3	
96,634	BIRNI LALLE	NGR	0716E 1425N	180F3	100	ND	300	H	3	
96,634	KAFANCHAN	NIG	0820E 0940N	180F3	100	ND	300	H	5	
96,634	SAINT DENIS	REU	5526E 2053S	180F3	1	ND	600	H	4	
96,634	MPIKA	RHN	3125E 1150S	180F3	100	ND	150	H	3	
96,634	SESHEKE	RHN	2420E 1725S	180F3	100	ND	150	H	3	
96,634	INYANGA	RHS	3248E 1757S	180F3	100	ND	300	H	3	
96,634	FANAYE DIERI	SEN	1514W 1632N	180F3	10	ND	300	H	4	
96,634	GARDO	SOM	4905E 0930N	180F3	0,2	ND	70	H	2	
96,634	ZEILA	SOM	4330E 1120N	180F3	0,5	ND	60	H	2	
96,634	AM DAM	TCD	2028E 1246N	180F3	100	ND	300	H	3	
96,634	DAR ES SALAAM	TGK	3915E 0650S	180F3	100	ND	150	H	3	
96,634	BASSARI	TGO	0046E 0914N	180F3	100	ND	300	H	5	
96,700	SAIDA	ALG	0006E 3450N	180F3	0,1	ND	500	H	1	11
96,700	TOKRA	LBY	2035E 3230N	180F3	0,9	ND	300	H	2	11
96,720	GLENCOE	AFS	2956E 2809S	200F3	38	ND	300	H	3	
96,720	KENHARDT	AFS	2127E 2910S	200F3	38	ND	300	H	2	
96,720	S48	AFS	1250E 1850S	200F3	40	ND	300	H	2	
96,720	S64	AFS	2030E 1802S	200F3	40	ND	300	H	2	
96,720	SWARTWATER	AFS	2815E 2250S	200F3	38	ND	300	H	6	
96,720	AMBRIZ	AGL	1304E 0750S	180F3	50	ND	38	H	3	
96,720	BENGUELA	AGL	1325E 1235S	180F3	50	ND	75	H	3	
96,720	DUNDO	AGL	2051E 0720S	180F3	100	ND	150	H	3	
96,720	FT DE POSSEL	CAF	1913E 0503N	180F3	100	ND	300	H	5	
96,720	BOLOMBA	CGO	1915E 0045N	180F3	100	ND	300	H	5	

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1	2	3	4	5	6	7	8	9	10A	10B
96,720	KAPONGOLO	CGO	2812E 0751S	180F3	100	ND	300	H	3	
96,720	OSHWE	CGO	1935E 0323S	180F3	100	ND	300	H	3	
96,720	YAOUNDE	CME	1129E 0354N	180F3	100	ND	600	H	5	
96,720	DOLISIE	COG	1240E 0410S	180F3	100	ND	300	H	5	
96,720	METELO	CTI	0809W 0653N	180F3	100	ND	300	H	5	
96,720	EL FAIYUM	EGY	3050E 2918N	180F3	100	ND	150	H	2	
96,720	EL MINYA	EGY	3035E 2805N	180F3	100	ND	75	H	2	
96,720	ADIGRAT	ETH	3928E 1416N	180F3	3	ND	150	H	6	
96,720	TORI	ETH	3335E 0754N	180F3	60	ND	150	H	2	
96,720	BOOUE	GAB	1156E 0001S	180F3	100	ND	300	H	5	
96,720	SAKPA	GHA	0215W 0850N	180F3	50	ND	100	H	5	
96,720	BONE	GUI	1130W 1132N	180F3	100	ND	300	H	3	
96,720	SANABA	HVO	0353W 1224N	180F3	100	ND	300	H	3	
96,720	KIRARO MENA	MDG	4603E 1817S	180F3	100	ND	150	H	3	
96,720	TSITENA	MDG	4710E 2127S	180F3	10	ND	300	H	3	
96,720	RASELMA	MLI	0428W 1636N	180F3	100	ND	300	H	2	
96,720	MAGHAMA	MTN	1252W 1532N	180F3	10	ND	300	H	4	
96,720	BOUMBA	NGR	0251E 1225N	180F3	100	ND	300	H	3	
96,720	OGBOMOSHO	NIG	0410E 0810N	180F3	100	ND	300	H	5	
96,720	PITONHYACINTHE	REU	5533E 2112S	180F3	1	ND	600	H	4	
96,720	NKAI	RHS	2852E 1838S	180F3	100	ND	150	H	3	
96,720	SENGA	SDN	3350E 1335N	180F3	100	ND	300	H	6	14
96,720	H	TCD	2347E 1753N	180F3	100	ND	300	H	3	
96,720	ZOUAR	TCD	1632E 2026N	180F3	100	ND	300	H	2	
96,720	IRINGA	TGK	3545E 0750S	180F3	100	ND	300	H	3	
96,800	AUMALE	ALG	0339E 3605N	180F3	50	ND	1200	H	1	11
96,800	SORMAN	LBY	1235E 3245N	180F3	0,9	ND	300	H	2	11
96,800	TAZA 2	MRC	0400W 3408N	180F3	1	ND	1000	H	2	
96,806	LETABA	AFS	3140E 2349S	200F3	38	ND	250	H	6	
96,806	PHILIPPOLIS	AFS	2526E 3004S	200F3	38	ND	300	H	6	
96,806	S11	AFS	1615E 2510S	200F3	40	ND	300	H	2	
96,806	S43	AFS	1630E 1935S	200F3	40	ND	300	H	2	
96,806	MALANGE	AGL	1625E 0930S	180F3	100	ND	75	H	3	
96,806	V.ARTUR PAIVA	AGL	1618E 1428S	180F3	50	ND	75	H	3	
96,806	KEMBE	CAF	2156E 0428N	180F3	100	ND	300	H	5	
96,806	BUNIA	CGO	3012E 0132N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
96,806	KORET	CGO	2323E 0036N	180F3	100	ND	300	H	5	
96,806	LEOPOLDVILLE	CGO	1515E 0420S	180F3	100	ND	300	H	3	
96,806	LUBEFU	CGO	2425E 0448S	180F3	100	ND	300	H	3	
96,806	ULAMBA	CGO	2341E 0909S	180F3	100	ND	300	H	3	
96,806	EDEA	CME	1008E 0347N	180F3	100	ND	300	H	5	
96,806	TCHEVI	CME	1330E 1010N	180F3	100	ND	600	H	5	
96,806	YOKADOUMA	CME	1511E 0325N	180F3	200	ND	300	H	5	
96,806	KELLE	COG	1430E 0004S	180F3	100	ND	300	H	5	
96,806	CONAKRY	GUI	1327W 0946N	180F3	100	D	1200	H	4	74/310/20/10
96,806	KOUPELA	HVO	0021W 1211N	180F3	100	ND	300	H	3	
96,806	FORT HALL	KEN	3710E 0040S	180F3	100	ND	300	H	3	
96,806	MORAMANGA	MDG	4815E 1857S	180F3	100	ND	300	H	3	
96,806	BOUGOUNI	MLI	0730W 1126N	180F3	100	ND	300	H	3	
96,806	MAINE SOROA	NGR	1203E 1311N	180F3	100	D	300	H	3	74/80/280/5
96,806	GUSAU	NIG	0627E 1212N	180F3	100	ND	300	H	3	
96,806	ABERCORN	RHN	3130E 0903S	180F3	100	ND	150	H	3	
96,806	LUKULU	RHN	2313E 1415S	180F3	100	ND	150	H	3	
96,806	PETAUKE	RHN	3115E 1415S	180F3	100	ND	150	H	3	
96,806	GUTU	RHS	3109E 1940S	180F3	100	ND	150	H	3	
96,806	MBACKE	SEN	1555W 1448N	180F3	15	ND	300	H	4	
96,806	JAMESTOWN	SHN	0543W 1536S	180F3	5	ND	600	H	3	
96,806	HARAZE	TCD	2054E 0957N	180F3	100	ND	300	H	5	
96,806	LOME	TGO	0113E 0608N	180F3	100	ND	300	H	5	
96,892	AROAB	AFS	1935E 2640S	200F3	40	ND	300	H	2	
96,892	MOUNT AYLIFF	AFS	2924E 3050S	200F3	38	ND	600	H	6	
96,892	PRETORIA	AFS	2758E 2542S	200F3	45	ND	300	H	6	
96,892	S39	AFS	2012E 2037S	200F3	40	ND	300	H	2	
96,892	SNYERSPOST	AFS	2051E 3204S	200F3	38	ND	300	H	6	
96,892	CACOLO	AGL	1920E 1020S	180F3	50	ND	75	H	3	
96,892	FRANCISTOWN	BCH	2730E 2120S	180F3	10	ND	300	H	6	
96,892	INONGO	CGO	1816E 0156S	180F3	100	ND	300	H	3	
96,892	KABALO	CGO	2654E 0602S	180F3	100	ND	300	H	3	
96,892	KABUNDI	CGO	2714E 1006S	180F3	100	ND	300	H	3	
96,892	KIKWIT	CGO	1845E 0505S	180F3	100	ND	300	H	3	
96,892	NKAMBE	CME	1040E 0612N	180F3	200	ND	300	H	5	
96,892	BETOU	COG	1830E 0305N	180F3	100	ND	300	H	5	

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1	2	3	4	5	6	7	8	9	10A	10B
96,892	KANDI	DAH	0256E 1108N	180F3	100	ND	300	H	3	
96,892	LEBAMBA	GAB	1132E 0209S	180F3	100	ND	300	H	5	
96,892	MILLIMOU	GUI	1010W 0853N	180F3	100	ND	300	H	5	
96,892	NIANGOLOKO	HVO	0455W 1017N	180F3	200	D	300	H	3	74/80/200/2
96,892	POSTEROMARTINA	MDG	4600E 1935S	180F3	100	ND	600	H	3	
96,892	INHARRIME	MOZ	3504E 2429S	180F3	50	ND	38	H	3	
96,892	VILA COUTINHO	MOZ	3419E 1435S	180F3	50	ND	150	H	3	
96,892	KANO	NIG	0832E 1159N	180F3	100	ND	300	H	3	
96,892	MAGOYE	RHN	2735E 1601S	180F3	100	ND	150	H	3	
96,892	OMDURMAN	SDN	3235E 1540N	180F3	100	ND	300	H	3	14
96,892	MOUSSORO	TCD	1630E 1339N	180F3	100	ND	300	H	3	
96,892	MBALE	UGA	3410E 0105N	180F3	100	ND	600	H	3	
96,978	JANSENVILLE	AFS	2457E 3254S	200F3	38	ND	350	H	6	
96,978	KURUMAN	AFS	2328E 2725S	200F3	38	ND	300	H	2	
96,978	S23	AFS	1610E 2235S	200F3	40	ND	300	H	2	
96,978	CAZOMBO.	AGL	2255E 1153S	180F3	100	ND	150	H	3	
96,978	DAMBA	AGL	1455E 0633S	180F3	50	ND	150	H	3	
96,978	BATTINGA	CAF	2030E 0630N	180F3	100	ND	300	H	5	
96,978	BAKWANGA	CGO	2335E 0609S	180F3	100	ND	300	H	3	
96,978	DUNGU	CGO	2833E 0337N	180F3	100	ND	300	H	5	
96,978	LISALA	CGO	2130E 0209N	180F3	100	ND	300	H	5	
96,978	LOTO	CGO	2230E 0248S	180F3	100	ND	300	H	3	
96,978	LEKANA	COG	1435E 0219S	180F3	100	ND	600	H	5	
96,978	AMAR COCCHE	ETH	3646E 0510N	180F3	10	ND	1200	H	2	
96,978	GHIMBI	ETH	3549E 0911N	180F3	10	ND	300	H	6	
96,978	BISSAU	GNP	1536W 1152N	180F3	100	ND	75	H	4	
96,978	ITITINGA	HVO	0201W 1350N	180F3	100	ND	300	H	3	
96,978	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
96,978	AMPOSINAMBO	MDG	4805E 2032S	180F3	100	ND	600	H	3	
96,978	MAEVATANANA	MDG	4649E 1658S	180F3	50	ND	300	H	3	
96,978	BOUDIEBEHA	MLI	0245W 1835N	180F3	100	ND	300	H	2	
96,978	G	MLI	0540W 2330N	180F3	100	ND	300	H	2	
96,978	TAMCHAKETT	MTN	1043W 1716N	180F3	100	ND	300	H	3	
96,978	TAHOUA	NGR	0514E 1452N	180F3	100	ND	300	H	3	
96,978	CALABAR	NIG	0819E 0458N	180F3	100	ND	300	H	5	
96,978	MATAMVE	RHS	3020E 2157S	180F3	100	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
96,978	MT DARWIN	RHS	3137E 1652S	180F3	100	ND	150	H	3	
96,978	MT KARISIMBI	RRW	2929E 0132S	180F3	50	ND	2400	H	3	
96,978	KASSALA	SDN	3620E 1520N	180F3	100	ND	300	H	6	14
96,978	CAHANDO	SOM	4708E 0603N	180F3	200	ND	250	H	2	
96,978	MANZINI	SWZ	3122E 2630S	180F3	10	ND	300	H	3	
96,978	TUNDURU	TGK	3720E 1105S	180F3	100	ND	300	H	3	
97,000	BONE	ALG	0738E 3654N	180F3	20	ND	600	H	1	11
97,000	ITAY ELBAROUD	EGY	3040E 3054N	180F3	100	ND	75	H	2	11
97,000	BU NJEM	LBY	1524E 3039N	180F3	0,9	ND	300	H	2	11
97,064	HOTSON	AFS	1849E 2905S	200F3	38	ND	300	H	2	
97,064	S62	AFS	1830E 1802S	200F3	40	ND	300	H	2	
97,064	SENEKAL	AFS	2731E 2816S	200F3	38	ND	300	H	6	
97,064	BOGANGOLO	CAF	1811E 0532N	180F3	100	ND	300	H	5	
97,064	DOBANE	CAF	2438E 0628N	180F3	100	ND	300	H	5	
97,064	BANNINGVILLE	CGO	1720E 0317S	180F3	100	ND	300	H	3	
97,064	KOLE	CGO	2232E 0324N	180F3	100	ND	300	H	5	
97,064	MANONO	CGO	2726E 0716S	180F3	100	ND	300	H	3	
97,064	PANGI	CGO	2638E 0315S	180F3	100	ND	300	H	3	
97,064	NGAMBE 1	CME	1038E 0421N	180F3	100	ND	300	H	5	
97,064	LONGO	COG	1745E 0009N	180F3	100	ND	300	H	5	
97,064	ADI ARKAI	ETH	3758E 1332N	180F3	10	ND	600	H	6	
97,064	ZUQUALA	ETH	3853E 0833N	180F3	60	ND	1200	H	6	
97,064	NDJOLE	GAB	1044E 0011S	180F3	100	ND	300	H	5	
97,064	MALI	GUI	1217W 1206N	180F3	100	ND	1200	H	3	
97,064	ANTANIMORA	MDG	4541E 2445S	180F3	100	ND	600	H	3	
97,064	MAROMANDIA	MDG	4810E 1413S	180F3	10	ND	600	H	3	
97,064	VAVATENINA	MDG	4912E 1728S	180F3	100	ND	300	H	3	
97,064	F	MLI	0255W 2255N	180F3	100	ND	300	H	2	
97,064	TABANKORT	MLI	0015E 1749N	180F3	100	ND	300	H	2	
97,064	PT AMELIA	MOZ	4029E 1258S	180F3	100	ND	38	H	5	
97,064	VILA GOUVEIA	MOZ	3310E 1804S	180F3	50	ND	150	H	3	
97,064	KAEDI	MTN	1330W 1609N	180F3	10	ND	300	H	4	
97,064	OUALATA	MTN	0701W 1717N	180F3	100	ND	300	H	3	
97,064	ARAFOU IRISSA	NGR	1446E 2105N	180F3	100	ND	300	H	3	
97,064	ZINDER	NGR	0859E 1349N	180F3	100	ND	300	H	3	
97,064	KASEMPA	RHN	2547E 1323S	180F3	100	ND	150	H	3	

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97,064	LUNDAZI	RHN	3310E 1215S	180F3	100	ND	150	H	3	
97,064	WANKIE	RHS	2631E 1825S	180F3	10	ND	150	H	3	
97,064	PORT SOUDAN	SDN	3710E 1935N	180F3	100	ND	300	H	2	14
97,064	BERBERA	SOM	4502E 1025N	180F3	0,5	ND	35	H	2	
97,064	MASSENYA	TCD	1610E 1124N	180F3	100	ND	300	H	3	
97,064	MONGORORO	TCD	2228E 1201N	180F3	100	ND	300	H	3	
97,064	MWANZA	TGK	3250E 0230S	180F3	100	ND	300	H	3	
97,064	GULU	UGA	3220E 0248N	180F3	100	ND	300	H	3	
97,100	MILIANA	ALG	0213E 3618N	180F3	0,1	ND	450	H	1	11
97,100	ORAN	ALG	0046W 3517N	180F3	100	ND	600	H	1	11
97,150	ESHOWE	AFS	3118E 2852S	200F3	38	ND	300	H	3	
97,150	PRIESKA	AFS	2241E 3005S	200F3	38	ND	300	H	6	
97,150	S41	AFS	1420E 1950S	200F3	40	ND	300	H	2	
97,150	TURFLOOP	AFS	2958E 2348S	200F3	38	ND	500	H	6	
97,150	VILA SALAZAR	AGL	1454E 0918S	180F3	50	ND	300	H	3	
97,150	BANZYVILLE	CGO	2110E 0418N	180F3	100	ND	300	H	5	
97,150	BARAKA	CGO	2905E 0409S	180F3	100	ND	300	H	3	
97,150	MAMBASA	CGO	2903E 0121N	180F3	100	ND	300	H	5	
97,150	PORT FRANCQUI	CGO	2077E 0417S	180F3	100	ND	300	H	3	
97,150	ABONGMBANG	CME	1312E 0402N	180F3	100	ND	300	H	5	
97,150	TCHAMBA	CME	1243E 0840N	180F3	200	ND	300	H	5	
97,150	S.CRUZ TENERIF	CNR	1615W 2830N	180F3	1	ND	75	H	4	
97,150	MALIMBA	GAB	1320E 0100S	180F3	100	ND	300	H	5	
97,150	KOUNDIAN	GUI	0854W 1055N	180F3	100	ND	300	H	3	
97,150	LEO	HVO	0206W 1153N	180F3	200	D	300	H	3	74/100/210/2
97,150	TULEAR	MDG	4346E 2328S	180F3	50	ND	300	H	3	
97,150	AKURE	NIG	0512E 0715N	180F3	100	ND	300	H	5	
97,150	CHIENGI	RHN	2925E 0830S	180F3	100	ND	150	H	3	
97,150	MKUSHI	RHN	2925E 1335S	180F3	100	ND	150	H	3	
97,150	ED DAMER	SDN	3353E 1735N	180F3	100	ND	300	H	3	14
97,150	THIES	SEN	1657W 1446N	180F3	10	ND	300	H	4	
97,150	ANSE BOILEAU	SEY	5529E 0443S	180F3	1	ND	600	H	2	
97,150	BARDERA	SOM	4220E 0221N	180F3	0,5	ND	180	H	2	
97,150	ARUSHA	TGK	3640E 0320S	180F3	100	ND	600	H	3	
97,200	KABYLIE.AKFADO	ALG	0434E 3638N	180F3	50	ND	1200	H	1	11
97,200	ESSAUIRA 2	MRC	0944W 3129N	180F3	1	ND	80	H	2	

1	2	3	4	5	6	7	8	9	10A	10B
97,236	ALIWAL NORTH	AFS	2642E 3057S	200F3	38	ND	500	H	6	
97,236	BETHANIE	AFS	1720E 2630S	200F3	40	ND	300	H	2	
97,236	GRAAFWATER	AFS	1839E 3205S	200F3	38	ND	300	H	1	
97,236	S37	AFS	1808E 2045S	200F3	40	ND	300	H	2	
97,236	ZEERUST	AFS	2551E 2542S	200F3	38	ND	300	H	6	
97,236	CAIUNDO	AGL	1730E 1550S	180F3	50	ND	75	H	3	
97,236	NOVA GAIA	AGL	1715E 1006S	180F3	50	ND	75	H	3	
97,236	BANZALI	CGO	2445E 0434N	180F3	100	ND	300	H	5	
97,236	PONTHIERVILLE	CGO	2540E 0027S	180F3	100	ND	300	H	3	
97,236	SOKELE	CGO	2440E 0954S	180F3	100	ND	300	H	3	
97,236	TSHOFA	CGO	2516E 0513S	180F3	100	ND	300	H	3	
97,236	MOSSAKA	COG	1648E 0110S	180F3	100	ND	300	H	5	
97,236	SETTE CAMA	GAB	0945E 0231S	180F3	100	ND	300	H	5	
97,236	PAMA	HVO	0040E 1119N	180F3	200	D	300	H	3	74/130/210/2
97,236	CANICADO	MOZ	3301E 2430S	180F3	50	ND	38	H	3	
97,236	ESPUNGABERA	MOZ	3236E 2022S	180F3	50	ND	75	H	3	
97,236	EMI FRAHA	NGR	1250E 2238N	180F3	100	ND	300	H	3	
97,236	IN GALL	NGR	0656E 1647N	180F3	100	ND	300	H	3	
97,236	M	NGR	1450E 1700N	180F3	100	ND	300	H	3	
97,236	SAMARU	NIG	0740E 1110N	180F3	100	ND	300	H	3	
97,236	SAINT LEU	REU	5518E 2112S	180F3	0,3	ND	400	H	4	
97,236	CHINSALI	RHN	3204E 1032S	180F3	100	ND	150	H	3	
97,236	KATABA	RHN	2508E 1605S	180F3	100	ND	150	H	3	
97,236	DUCA D.ABRUZZI	SOM	4530E 0245N	180F3	0,1	ND	50	H	2	
97,236	LUNSAR	SRL	1203W 0841N	180F3	50	ND	300	H	5	
97,236	BOL	TCD	1443E 1328N	180F3	100	ND	300	H	3	
97,236	MOUNDOU	TCD	1605E 0835N	180F3	100	ND	300	H	5	
97,236	KAMPALA	UGA	3230E 0020N	180F3	100	ND	600	H	3	
97,322	BETHAL	AFS	2937E 2627S	200F3	38	ND	300	H	6	
97,322	C79	AFS	2140E 2720S	200F3	38	ND	150	H	2	
97,322	DWAALFONTEIN	AFS	2236E 3256S	200F3	38	ND	300	H	6	
97,322	BESSA MONTEIRO	AGL	1334E 0718S	180F3	50	ND	150	H	3	
97,322	NOVO REDONDO	AGL	1350E 1112S	180F3	50	ND	75	H	3	
97,322	FT CRAMPEL	CAF	1910E 0659N	180F3	100	ND	300	H	5	
97,322	BUDJALA	CGO	1945E 0237N	180F3	100	ND	300	H	5	
97,322	TSHIKAPA	CGO	2048E 0628S	180F3	100	ND	300	H	3	

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97,322	YOKO	CME	1220E 0531N	180F3	100	ND	600	H	5	
97,322	MOSSENDJO	COG	1242E 0257S	180F3	100	ND	300	H	5	
97,322	MINDELO	CPV	2500W 1654N	180F3	100	ND	75	H	4	
97,322	TABOU	CTI	0721W 0424N	180F3	100	ND	300	H	5	
97,322	CARACORE	ETH	3958E 1028N	180F3	3	ND	150	H	6	
97,322	KISII	KEN	3440E 0040S	180F3	100	ND	300	H	3	
97,322	ANDRANOMAVO	MDG	4533E 1634S	180F3	50	ND	300	H	3	
97,322	DIEGO SUAREZ	MDG	4908E 1236S	180F3	10	ND	1200	H	3	
97,322	VOHIBEANTOETRA	MDG	4721E 2048S	180F3	10	ND	300	H	3	
97,322	KENIEBA	MLI	1112W 1251N	180F3	100	ND	600	H	3	
97,322	I	MTN	0700W 2353N	180F3	100	ND	300	H	2	
97,322	MOUDJERIA	MTN	1219W 1752N	180F3	100	ND	300	H	4	
97,322	BUSSA	NIG	0420E 0950N	180F3	100	ND	300	H	5	
97,322	DELTA	NIG	0610E 0500N	180F3	5	ND	300	H	5	
97,322	UMUAHIA	NIG	0729E 0532N	180F3	10	ND	300	H	5	
97,322	FORT ROSEBERY	RHN	2853E 1110S	180F3	100	ND	150	H	3	
97,322	DODOMA	TGK	3550E 0610S	180F3	100	ND	150	H	3	
97,400	GUELMA	ALG	0724E 3622N	180F3	0,5	ND	1000	H	1	11
97,408	C.TOWN MAJOR	AFS	1823E 3403S	200F3	38	ND	700	H	1	
97,408	GRAHAMSTOWN	AFS	2642E 3317S	200F3	38	ND	300	H	6	
97,408	S20	AFS	1730E 2320S	200F3	40	ND	300	H	2	
97,408	S60	AFS	1630E 1805S	200F3	40	ND	300	H	2	
97,408	WARRENTON	AFS	2515E 2816S	200F3	38	ND	300	H	6	
97,408	CARNOT	CAF	1858E 0458N	180F3	100	ND	300	H	5	
97,408	KANIAMA	CGO	2412E 0732S	180F3	100	ND	300	H	3	
97,408	KATAKO KOMBE	CGO	2420E 0327S	180F3	100	ND	300	H	3	
97,408	KWAMOUTH	CGO	1612E 0311S	180F3	100	ND	300	H	3	
97,408	MOKARIA	CGO	2319E 0159N	180F3	100	ND	300	H	5	
97,408	BUEA	CME	0914E 0409N	180F3	200	ND	600	H	5	
97,408	ZALANGOYE	COG	1412E 0127N	180F3	100	ND	300	H	5	
97,408	KATIOLA	CTI	0511W 0849N	180F3	100	ND	300	H	5	
97,408	OMHAGER	ETH	3639E 1418N	180F3	3	ND	150	H	6	
97,408	BOKE	GUI	1418W 1056N	180F3	100	ND	300	H	4	
97,408	TAOUDENI	MLI	0358W 2240N	180F3	100	ND	300	H	2	
97,408	MALVERNIA	MOZ	3103E 2220S	180F3	50	ND	75	H	3	
97,408	MADAOUA	NGR	0600E 1409N	180F3	100	D	300	H	3	74/120/250/5

1	2	3	4	5	6	7	8	9	10A	10B
97,408	LE PORT	REU	5522E 2054S	180F3	1	ND	600	H	4	
97,408	MWINILUNGU	RHN	2427E 1143S	180F3	100	ND	150	H	3	
97,408	WEDZA	RHS	3140E 1835S	180F3	100	ND	150	H	3	
97,408	ARTA	SMF	4250E 1131N	180F3	100	ND	700	H	2	
97,408	ODDUR	SOM	4455E 0407N	180F3	0,5	ND	80	H	2	
97,408	PAGALA	TGO	0053E 0813N	180F3	100	ND	300	H	5	
97,494	BRANDVLEI	AFS	2026E 3006S	200F3	38	ND	300	H	2	
97,494	NYITINYE	AFS	2934E 2906S	200F3	38	ND	600	H	6	
97,494	S55	AFS	2003E 1852S	200F3	40	ND	300	H	2	
97,494	VAALWATER	AFS	2753E 2402S	200F3	38	ND	250	H	6	
97,494	GAGO COUTINHO	AGL	2108E 1405S	180F3	100	ND	75	H	3	
97,494	LUANDA	AGL	1315E 0849S	180F3	100	ND	75	H	3	
97,494	BOMILI	CGO	2708E 0145N	180F3	100	ND	300	H	5	
97,494	MANGAI	CGO	1933E 0402S	180F3	100	ND	300	H	3	
97,494	MITWABA	CGO	2720E 0838S	180F3	100	ND	300	H	3	
97,494	SHABUNDA	CGO	2720E 0251S	180F3	100	ND	300	H	3	
97,494	WENCHI	GHA	0210W 0635N	180F3	50	ND	120	H	5	
97,494	SANISSIA	GUI	1019W 1047N	180F3	100	ND	300	H	3	
97,494	SANNAQUELLA	LBR	0843W 0722N	180F3	10	ND	300	H	5	
97,494	ANTANIDITRA	MDG	4612E 1853S	180F3	100	ND	600	H	3	
97,494	AKJOUJT	MTN	1422W 1945N	180F3	100	ND	300	H	4	
97,494	SELIBABY	MTN	1208W 1514N	180F3	10	ND	300	H	4	
97,494	IFEROUANE	NGR	0822E 1907N	180F3	100	ND	300	H	3	
97,494	MUMBWA	RHN	2710E 1452S	180F3	100	ND	150	H	3	
97,494	GWAII	RHS	2742E 1918S	180F3	100	ND	150	H	3	
97,494	OUADI HALFA	SDN	3110E 2205N	180F3	100	ND	300	H	2	14
97,494	MELFI	TCD	1754E 1104N	180F3	100	ND	600	H	3	
97,494	SOROTI	UGA	3335E 0150N	180F3	100	ND	150	H	3	
97,497	DIEBOUGOU	HVO	0315W 1058N	180F3	200	ND	300	H	3	
97,500	CAIRO	EGY	3115E 3003N	180F3	1	ND	30	H	2	12
97,580	C100	AFS	2335E 2550S	200F3	38	ND	150	H	2	
97,580	CATTLETON	AFS	3120E 2433S	200F3	38	ND	200	H	3	
97,580	LUDERITZ	AFS	1520E 2640S	200F3	40	ND	300	H	2	
97,580	NOUPOORT	AFS	2455E 3113S	200F3	38	ND	300	H	6	
97,580	S35	AFS	1620E 2025S	200F3	40	ND	300	H	2	
97,580	SIDI IFNI	AOE	1011W 2923N	180F3	10	ND	75	H	4	

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97,580	NDELE	CAF	2035E 0825N	180F3	100	ND	300	H	5	
97,580	BENI	CGO	2928E 0030N	180F3	100	ND	300	H	5	
97,580	BOKUNGU	CGO	2225E 0045S	180F3	100	ND	300	H	3	
97,580	LUSAMBO	CGO	2326E 0457S	180F3	100	ND	300	H	3	
97,580	SANDOA	CGO	2251E 0943S	180F3	100	ND	300	H	3	
97,580	THYSVILLE	CGO	1453E 0512S	180F3	100	ND	300	H	3	
97,580	YAKOMA	CGO	2223E 0404N	180F3	100	ND	300	H	5	
97,580	MOLOUNDOU	CME	1521E 0211N	180F3	200	ND	300	H	5	
97,580	BOLGATANGA	GHA	0055W 1050N	180F3	50	ND	150	H	5	
97,580	NYERI	KEN	3655E 0025S	180F3	100	ND	300	H	3	
97,580	ANOSIBE	MDG	4812E 1926S	180F3	100	ND	300	H	3	
97,580	A	MLI	0340E 1630N	180F3	100	ND	300	H	2	
97,580	MANANKORO	MLI	0743W 1025N	180F3	10	ND	300	H	3	
97,580	NIORO	MLI	0936W 1513N	180F3	100	ND	300	H	2	
97,580	ZUMBO	MOZ	3014E 1521S	180F3	50	ND	75	H	3	
97,580	H	MTN	0536W 2505N	180F3	100	ND	300	H	2	
97,580	G	NGR	1010E 2208N	180F3	100	ND	300	H	3	
97,580	IBOLELO	RHN	2406E 1605S	180F3	100	ND	150	H	3	
97,580	NIORO DU RIP	SEN	1546W 1344N	180F3	10	ND	300	H	4	
97,580	ARADA	TCD	2035E 1502N	180F3	100	ND	300	H	3	
97,600	ALGER CHREA	ALG	0253E 3626N	180F3	100	ND	1200	H	1	11
97,600	SEBAA AYOUN 3	MRC	0521W 3359N	180F3	1	ND	450	H	2	
97,666	MATJIESFONTEIN	AFS	2029E 3258S	200F3	38	ND	200	H	6	
97,666	S5	AFS	1906E 2720S	200F3	40	ND	300	H	2	
97,666	S31	AFS	1950E 2130S	200F3	40	ND	300	H	2	
97,666	UMTATA	AFS	2842E 3144S	200F3	38	ND	300	H	6	
97,666	WELVERDIEND	AFS	2715E 2626S	200F3	45	ND	300	H	6	
97,666	BONGO	CGO	1742E 0147S	180F3	100	ND	300	H	3	
97,666	DAKWA	CGO	2631E 0401N	180F3	100	ND	300	H	5	
97,666	JADOTVILLE	CGO	2644E 1059S	180F3	100	ND	300	H	3	
97,666	KASONGOLUNDA	CGO	1649E 0628S	180F3	100	ND	300	H	3	
97,666	KISENGWA	CGO	2550E 0559S	180F3	100	ND	300	H	3	
97,666	TALI	CME	0937E 0534N	180F3	100	ND	300	H	5	
97,666	GANDOU	COG	1728E 0228N	180F3	100	ND	300	H	5	
97,666	ANJOUAN N	COM	4425E 1217S	180F3	10	ND	1600	H	4	
97,666	KONG	CTI	0437W 0909N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
97,666	PABEGOU	DAH	0135E 0947N	180F3	100	ND	300	H	5	
97,666	AGIBAR	ETH	3837E 1036N	180F3	10	ND	150	H	6	
97,666	BEFOTAKA	MDG	4657E 2651S	180F3	100	ND	600	H	3	
97,666	SOKOLO	MLI	0608W 1445N	180F3	100	ND	300	H	2	
97,666	TETE	MOZ	3335E 1610S	180F3	100	ND	38	H	3	
97,666	ALEG	MTN	1351W 1703N	180F3	100	ND	300	H	4	
97,666	BADAGRY	NIG	0310E 0629N	180F3	100	ND	300	H	5	
97,666	LIVINGSTONIA	NYA	3355E 1030S	180F3	100	ND	150	H	3	
97,666	PETITE ILE	REU	5533E 2119S	180F3	0,3	ND	700	H	4	
97,666	CHOMA	RHN	2658E 1645S	180F3	100	ND	150	H	3	
97,666	KHARTOUM	SDN	3240E 1525N	180F3	100	ND	300	H	3	14
97,666	EHIL	SOM	4950E 0800N	180F3	0,2	ND	60	H	2	
97,666	ITALA	SOM	4620E 0247N	180F3	0,5	ND	40	H	2	
97,666	SEFADU	SRL	1145W 0758N	180F3	50	ND	300	H	5	
97,666	MEZAFEH	TCD	1516E 2305N	180F3	100	ND	300	H	2	
97,666	JINJA	UGA	3310E 0020N	180F3	100	ND	150	H	3	
97,666	CHAKE CHAKE	ZAN	3946E 0514S	180F3	10	ND	300	H	3	
97,752	CRATER PASS	ADN	4502E 1247N	180F3	1	ND	150	H	4	13
97,752	CLIFTON	AFS	2328E 2818S	200F3	38	ND	300	H	6	
97,752	PIET RETIEF	AFS	3043E 2716S	200F3	38	ND	400	H	6	
97,752	S18	AFS	1530E 2310S	200F3	40	ND	300	H	2	
97,752	S58	AFS	1430E 1803S	200F3	40	ND	300	H	2	
97,752	STEYTLERVILLE	AFS	2434E 3336S	200F3	38	ND	300	H	6	
97,752	CARMONA	AGL	1503E 0737S	180F3	100	ND	75	H	3	
97,752	KANJAUA	AGL	1510E 1222S	180F3	50	ND	75	H	3	
97,752	TSHANE	BCH	2150E 2400S	180F3	10	ND	300	H	2	
97,752	BAMBARI	CAF	2035E 0540N	180F3	100	ND	300	H	5	
97,752	BONGANDANGA	CGO	2101E 0130N	180F3	100	ND	300	H	5	
97,752	DEKESE	CGO	2123E 0325S	180F3	100	ND	300	H	3	
97,752	GOMBARI	CGO	2903E 0243N	180F3	100	ND	300	H	5	
97,752	LUISA	CGO	2227E 0711S	180F3	100	ND	300	H	3	
97,752	ZANAGA	COG	1350E 0252S	180F3	100	ND	300	H	5	
97,752	RAS ABU DARAG	EGY	3230E 2924N	180F3	100	ND	150	H	2	
97,752	HARAR	ETH	4204E 0908N	180F3	60	ND	600	H	6	
97,752	NIOUMA	HVO	0238W 1257N	180F3	100	ND	300	H	3	
97,752	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10

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97,752	MOROMBE	MDG	4322E 2145S	180F3	100	ND	300	H	3	
97,752	C	MLI	0250E 1820N	180F3	100	ND	300	H	2	
97,752	MECULA	MOZ	3815E 1145S	180F3	50	ND	75	H	3	
97,752	QUELIMANE	MOZ	3653E 1752S	180F3	100	ND	38	H	5	
97,752	C	MTN	1313W 2105N	180F3	100	ND	300	H	4	
97,752	DOGONDOUTCHI	NGR	0400E 1340N	180F3	100	D	300	H	3	74/90/190/5
97,752	BIDA	NIG	0550E 0830N	180F3	100	ND	300	H	5	
97,752	SAINT ANDRE	REU	5537E 2055S	180F3	5	ND	300	H	4	
97,752	GATOOMA	RHS	2956E 1818S	180F3	100	ND	150	H	3	
97,752	AKIRABO	RRW	2917E 0226S	180F3	25	ND	1200	H	3	
97,752	ABOU HAMED	SDN	3034E 1945N	180F3	100	ND	300	H	2	14
97,752	AOZOU	TCD	1725E 2150N	180F3	100	ND	300	H	2	
97,752	MONGO	TCD	1841E 1212N	180F3	100	ND	600	H	3	
97,800	BENGHAZI	LBY	2005E 3207N	180F3	10	ND	150	H	2	11
97,838	KALKSTASIE	AFS	1849E 3004S	200F3	38	ND	300	H	2	
97,838	LADYBRAND	AFS	2722E 2912S	200F3	38	ND	350	H	6	
97,838	S17	AFS	1905E 2355S	200F3	40	ND	300	H	2	
97,838	S53	AFS	1802E 1855S	200F3	40	ND	300	H	2	
97,838	SERPA PINTO	AGL	1748E 1437S	180F3	100	ND	150	H	3	
97,838	BAKOUMA	CAF	2257E 0545N	180F3	100	ND	300	H	5	
97,838	BODA	CAF	1730E 0422N	180F3	100	ND	300	H	5	
97,838	NYABESSAM	CME	1025E 0223N	180F3	100	ND	300	H	5	
97,838	BOKATA	COG	1710E 0027S	180F3	100	ND	300	H	5	
97,838	ATCHERIGBE	DAH	0205E 0735N	180F3	100	ND	300	H	5	
97,838	LAMBARENE	GAB	1013E 0012S	180F3	100	ND	300	H	5	
97,838	TELIMELE	GUI	1304W 1052N	180F3	100	ND	600	H	3	
97,838	MARIAKANI	KEN	3928E 0355S	180F3	100	ND	600	H	3	
97,838	MONROVIA	LBR	1049W 0619N	180F3	20	ND	100	H	4	
97,838	MAINTIRANO	MDG	4402E 1803S	180F3	100	ND	300	H	3	
97,838	OUATAGOUNA	MLI	0044E 1511N	180F3	100	ND	300	H	3	
97,838	SIKASSO	MLI	0557W 1110N	180F3	100	ND	600	H	3	
97,838	MANICA	MOZ	3552E 1856S	180F3	50	ND	38	H	3	
97,838	NEMA	MTN	0714W 1636N	180F3	100	ND	300	H	3	
97,838	KATSINA	NIG	0738E 1300N	180F3	100	ND	300	H	3	
97,838	MAKURDI	NIG	0836E 0743N	180F3	100	ND	300	H	5	
97,838	TROIS BASSINS	REU	5518E 2106S	180F3	0,3	ND	900	H	4	

1	2	3	4	5	6	7	8	9	10A	10B
97,838	A	TCD	1504E 1327N	180F3	100	ND	300	H	3	
97,838	BONGOR	TCD	1017E 1024N	180F3	100	ND	300	H	3	
97,838	E	TCD	2037E 2021N	180F3	100	ND	300	H	2	
97,900	SETIF	ALG	0521E 3620N	180F3	100	ND	600	H	1	11
97,900	MUSSAAD	LBY	2506E 3134N	180F3	0,9	ND	300	H	2	11
97,924	CARNARVON	AFS	2229E 3058S	200F3	38	ND	300	H	6	
97,924	DURBAN	AFS	3043E 2946S	200F3	100	ND	450	H	3	
97,924	JANE FURSE SET	AFS	2952E 2443S	200F3	38	ND	350	H	6	
97,924	S33	AFS	1358E 2030S	200F3	40	ND	300	H	2	
97,924	DONDO	AGL	1425E 0941S	180F3	50	ND	75	H	3	
97,924	BOENDE	CGO	2057E 0019S	180F3	100	ND	300	H	3	
97,924	KALEMBE LEMBE	CGO	2845E 0436S	180F3	100	ND	300	H	3	
97,924	MATADI	CGO	1326E 0548S	180F3	100	ND	300	H	3	
97,924	OVENG	CME	1215E 0224N	180F3	200	ND	300	H	5	
97,924	TIGNERE	CME	1236E 0722N	180F3	100	ND	600	H	5	
97,924	WARDARE	ETH	4523E 0659N	180F3	3	ND	150	H	2	
97,924	FUNSI	GHA	0200W 1017N	180F3	50	ND	100	H	5	
97,924	MANSA KONKO	GMB	1535W 1325N	180F3	50	ND	300	H	4	
97,924	BANANKORO	GUI	0920W 0908N	180F3	100	ND	300	H	5	
97,924	ELDORET	KEN	3520E 0030N	180F3	100	ND	150	H	3	
97,924	KERICHO	KEN	3520E 0020S	180F3	100	ND	300	H	3	
97,924	MIARINARIVO	MDG	4814E 1637S	180F3	50	ND	300	H	3	
97,924	NOVA FREIXO	MOZ	3632E 1459S	180F3	50	ND	75	H	3	
97,924	OUALLAM	NGR	0205E 1419N	180F3	100	ND	300	H	3	
97,924	FORCADOS	NIG	0500E 0510N	180F3	25	ND	300	H	5	
97,924	BROKEN HILL	RHN	2828E 1427S	180F3	10	ND	150	H	3	
97,924	LUETI	RHN	2220E 1555S	180F3	100	ND	150	H	3	
97,924	BULAWAYO	RHS	2834E 2012S	180F3	100	ND	150	H	3	
97,924	AFMEDO	SOM	4205E 0030N	180F3	0,5	ND	60	H	2	
97,924	S.ANTONIO	STP	0726E 0137N	180F3	10	ND	38	H	5	
97,924	FT ARCHAMBAULT	TCD	1824E 0909N	180F3	100	ND	300	H	5	
98,000	MOSTAGANEM	ALG	0006E 3535N	180F3	0,1	ND	150	H	1	11
98,000	TEBESSA	ALG	0800E 3520N	180F3	5	ND	600	H	1	11
98,000	TETUAN DERSA 2	MRC	0523W 3536N	180F3	10	ND	500	H	2	11
98,010	MADIBOGO	AFS	2515E 2627S	200F3	38	ND	300	H	2	
98,010	QUEENSTOWN	AFS	2650E 3152S	200F3	38	ND	550	H	6	

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98,010	S3	AFS	1657E 2720S	200F3	40	ND	300	H	2	
98,010	S29	AFS	1735E 2140S	200F3	40	ND	300	H	2	
98,010	B	CAF	2330E 0810N	180F3	100	ND	300	H	5	
98,010	PADUA	CAF	1626E 0715N	180F3	100	D	300	H	5	74/240/300/1
98,010	KAKWATA	CGO	2333E 1045S	180F3	100	ND	300	H	3	
98,010	KORODJIMANE	CTI	0650W 0854N	180F3	100	ND	600	H	5	
98,010	CENCIA	ETH	3726E 0607N	180F3	60	ND	1200	H	6	
98,010	MAMPIKONY	MDG	4738E 1605S	180F3	50	ND	300	H	3	
98,010	ANTONIO ENES	MOZ	3954E 1614S	180F3	50	ND	38	H	5	
98,010	MACIA	MOZ	3303E 2501S	180F3	10	ND	38	H	3	
98,010	NOUAKCHOTT	MTN	1556W 1814N	180F3	100	ND	300	H	4	
98,010	MAIDUGURI	NIG	1305E 1151N	180F3	25	ND	300	H	3	
98,010	JOUBA	SDN	3125E 0455N	180F3	100	ND	300	H	3	14
98,010	UAR MEDO	SOM	4945E 1120N	180F3	100	ND	1280	H	2	
98,010	MOYAMBA	SRL	1235W 0815N	180F3	50	ND	150	H	5	
98,010	FT LAMY	TCD	1504E 1206N	180F3	25	ND	300	H	3	
98,010	LUSHOTO	TGK	3810E 0452S	180F3	100	ND	600	H	3	
98,010	MASASI	TGK	3850E 1040S	180F3	100	ND	150	H	3	
98,010	SANSANNE MANGO	TGO	0028E 1021N	180F3	100	ND	300	H	3	
98,010	MASAKA	UGA	3145E 0020S	180F3	100	ND	150	H	3	
98,096	GEORGE	AFS	2214E 3355S	200F3	38	ND	300	H	1	
98,096	S56	AFS	1225E 1755S	200F3	40	ND	300	H	2	
98,096	UPINGTON	AFS	2055E 2830S	200F3	38	ND	300	H	2	
98,096	VREDE	AFS	2858E 2715S	200F3	38	ND	300	H	6	
98,096	LOBITO	AGL	1334E 1220S	180F3	10	ND	75	H	3	
98,096	VILA LUSO	AGL	1952E 1147S	180F3	100	ND	75	H	3	
98,096	NOUVELLE ANVER	CGO	1909E 0135N	180F3	100	ND	300	H	5	
98,096	POKO	CGO	2652E 0308N	180F3	100	ND	300	H	5	
98,096	SANGE	CGO	2820E 0701S	180F3	100	ND	300	H	3	
98,096	WALIKALE	CGO	2802E 0126S	180F3	100	ND	300	H	3	
98,096	KIBANGOU	COG	1225E 0328S	180F3	100	ND	300	H	5	
98,096	DEBRE BERHAN	ETH	3932E 0939N	180F3	60	ND	300	H	6	
98,096	AGUELHOC	MLI	0045E 1930N	180F3	100	ND	300	H	2	
98,096	MERSAUA	MOZ	3546E 1215S	180F3	50	ND	150	H	3	
98,096	MUTARARA	MOZ	3505E 1727S	180F3	50	ND	150	H	3	
98,096	VILANCULOS	MOZ	3519E 2200S	180F3	50	ND	75	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
98,096	B	MTN	1432W 2120N	180F3	100	ND	300	H	4	
98,096	MBOUT	MTN	1235W 1601N	180F3	10	ND	300	H	4	
98,096	NIAMEY	NGR	0206E 1331N	180F3	100	ND	300	H	2	
98,096	BINGA	RHS	2804E 1734S	180F3	100	ND	150	H	3	
98,096	OUAD MEDANI	SDN	3330E 1410N	180F3	100	ND	300	H	6	14
98,098	KITWE	RHN	2813E 1247S	180F3	100	ND	150	H	3	
98,100	ISMAILIA	EGY	3216E 3035N	180F3	100	ND	75	H	2	11
98,128	GOURMA RHAROUS	MLI	0155W 1653N	180F3	100	ND	300	H	3	
98,182	KIMBERLEY	AFS	2457E 2905S	200F3	38	ND	300	H	6	
98,182	PUNDA MARIA	AFS	3110E 2245S	200F3	38	ND	300	H	3	
98,182	S15	AFS	1655E 2405S	200F3	40	ND	300	H	2	
98,182	S51	AFS	1547E 1850S	200F3	40	ND	300	H	2	
98,182	S67	AFS	2335E 1752S	200F3	40	ND	300	H	2	
98,182	CAMABATELA	AGL	1523E 0812S	180F3	50	ND	300	H	3	
98,182	KITORA	BDI	3004E 0330S	180F3	100	ND	300	H	5	14
98,182	ATONGO	CAF	2130E 0549N	180F3	100	ND	300	H	5	
98,182	BASOKO	CGO	2335E 0113N	180F3	100	ND	300	H	5	
98,182	BENA DIBELE	CGO	2251E 0355S	180F3	100	ND	300	H	3	
98,182	MOLIRO	CGO	3031E 0811S	180F3	100	ND	300	H	3	
98,182	MASA	COG	1528E 0345S	180F3	100	ND	300	H	5	
98,182	MOHELI E	COM	4344E 1219S	180F3	10	ND	600	H	4	
98,182	TIETIEKRO	CTI	0536W 0700N	180F3	100	ND	600	H	5	
98,182	GIMMA	ETH	3654E 0742N	180F3	60	ND	300	H	6	
98,182	MEKAMBO	GAB	1356E 0100N	180F3	100	ND	300	H	5	
98,182	KANKAN	GUI	0932W 1014N	180F3	100	ND	600	H	3	
98,182	MERU	KEN	3740E 0003N	180F3	100	ND	1200	H	3	
98,182	AMBATONDRAZAKA	MDG	4831E 1748S	180F3	100	ND	600	H	3	
98,182	B	MLI	0405E 1800N	180F3	100	ND	300	H	2	
98,182	MONTEPUEZ	MOZ	3900E 1308S	180F3	50	ND	75	H	5	
98,182	AIOUN ATROUS	MTN	0935W 1640N	180F3	100	ND	300	H	3	
98,182	OUADANE	MTN	1138W 2047N	180F3	100	ND	300	H	2	
98,182	CHITAMBO	RHN	3040E 1255S	180F3	100	ND	150	H	3	
98,182	KABOMPO	RHN	2414E 1335S	180F3	100	ND	150	H	3	
98,182	DAGARITA	SOM	4330E 1040N	180F3	20	ND	600	H	2	
98,200	BISKRA	ALG	0532E 3448N	180F3	1	ND	300	H	1	11
98,200	SIDI FERRUCH	ALG	0251E 3646N	180F3	*	ND	70	H	1	* 0,05 KW 11

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98,268	LORIESFONTEIN	AFS	1946E 3100S	200F3	38	ND	300	H	6	
98,268	MATATIELE	AFS	2851E 3005S	200F3	38	ND	500	H	3	
98,268	MIDDELWIT	AFS	2710E 2449S	200F3	38	ND	400	H	6	
98,268	S46	AFS	1940E 1945S	200F3	40	ND	300	H	2	
98,268	C QUANAVAL	AGL	1856E 1456S	180F3	50	ND	75	H	3	
98,268	MOCAMEDES	AGL	1208E 1512S	180F3	50	ND	150	H	3	
98,268	MBAIKI	CAF	1801E 0353N	180F3	100	ND	300	H	5	
98,268	ZEMIO	CAF	2508E 0507N	180F3	100	ND	300	H	5	
98,268	BAFWABOLI	CGO	2608E 0047N	180F3	100	ND	300	H	5	
98,268	INGENDE	CGO	1900E 0015S	180F3	100	ND	300	H	3	
98,268	KONGOLO	CGO	2659E 0523S	180F3	100	ND	300	H	3	
98,268	MUKANA	CGO	2711E 0918S	180F3	100	ND	300	H	3	
98,268	POINTE NOIRE	COG	1151E 0444S	180F3	100	ND	300	H	5	
98,268	ETEKE	GAB	1157E 0126S	180F3	100	ND	300	H	5	
98,268	BATA	GNE	0947E 0154N	180F3	100	ND	150	H	5	
98,268	DABOLA	GUI	1109W 1046N	180F3	100	ND	600	H	3	
98,268	BOBO DIOULASSO	HVO	0306W 1107N	180F3	100	ND	300	H	3	
98,268	CUREPIPE	MAU	5732E 2019S	180F3	50	ND	600	H	4	
98,268	ANDAPA	MDG	4941E 1442S	180F3	100	ND	300	H	3	
98,268	ANKAVANDRA	MDG	4521E 1848S	180F3	100	ND	600	H	3	
98,268	D	MLI	0045W 2050N	180F3	100	ND	300	H	2	
98,268	BEIRA	MOZ	3451E 1950S	180F3	100	ND	38	H	3	
98,268	D	MTN	0541W 1542N	180F3	100	ND	300	H	3	
98,268	ABEOKUTA	NIG	0321E 0710N	180F3	100	ND	300	H	5	
98,268	DEDZA	NYA	3420E 1407S	180F3	100	ND	150	H	3	
98,268	NAMWALA	RHN	2630E 1545S	180F3	100	ND	150	H	3	
98,268	BAKEL	SEN	1235W 1458N	180F3	10	ND	300	H	4	
98,268	BULO BURTI	SOM	4535E 0351N	180F3	10	ND	200	H	2	
98,268	KABALLAH	SRL	1135W 0935N	180F3	50	ND	300	H	5	
98,268	C	TCD	1618E 4807N	180F3	100	ND	300	H	2	
98,268	F	TCD	2149E 2004N	180F3	100	ND	300	H	2	
98,268	MT ELGON	UGA	3500E 0130N	180F3	100	D	1200	H	3	74/20/150/10
98,300	SOUK AHRAS	ALG	0751E 3618N	180F3	0,5	ND	650	H	1	11
98,354	C92	AFS	2304E 2624S	200F3	38	ND	300	H	2	
98,354	NELSPRUIT	AFS	3045E 2532S	200F3	38	ND	600	H	6	
98,354	NEW BETHESDA	AFS	2432E 3145S	200F3	38	ND	300	H	6	

1	2	3	4	5	6	7	8	9	10A	10B
98,354	S27	AFS	1540E 2145S	200F3	40	ND	300	H	2	
98,354	SALVADOR	AGL	1415E 0616S	180F3	50	ND	150	H	3	
98,354	TEIXEIRA SOUSA	AGL	2211E 1043S	180F3	50	ND	150	H	3	
98,354	VILA ROCADAS	AGL	1458E 1645S	180F3	50	ND	75	H	3	
98,354	FARADJE	CGO	2942E 0345N	180F3	100	ND	100	H	5	
98,354	ITOKO	CGO	2148E 0100S	180F3	100	ND	300	H	3	
98,354	LUBERO	CGO	2913E 0010S	180F3	100	ND	300	H	3	
98,354	LULUABOURG	CGO	2225E 0554S	180F3	100	ND	300	H	3	
98,354	MEIGANGA	CME	1416E 0633N	180F3	200	ND	300	H	5	
98,354	SOUANKE	COG	1408E 0204N	180F3	100	ND	300	H	5	
98,354	DYENGOLE	CTI	0740W 0931N	180F3	100	ND	600	H	5	
98,354	SASSANDRA	CTI	0606W 0456N	180F3	100	ND	300	H	5	
98,354	KUMAD	ETH	3615E 1043N	180F3	10	ND	300	H	6	
98,354	NAKURU	KEN	3603E 0018S	180F3	100	ND	600	H	3	
98,354	AMBOHIMILANJA	MDG	4759E 1954S	180F3	100	ND	300	H	3	
98,354	ALTO MOLOQUE	MOZ	3745E 1530S	180F3	50	ND	150	H	5	
98,354	TIDJIKJA	MTN	1126W 1833N	180F3	100	ND	300	H	2	
98,354	A	NGR	0335E 1520N	180F3	100	ND	300	H	3	
98,354	F	NGR	0848E 2110N	180F3	100	ND	300	H	3	
98,354	ABA	NIG	0723E 0507N	180F3	100	ND	300	H	5	
98,354	YELWA	NIG	0610E 1110N	180F3	100	ND	300	H	3	
98,354	COPPER QUEEN	RHS	2920E 1722S	180F3	100	ND	150	H	3	
98,354	BRAVA	SOM	4402E 0107N	180F3	0,5	ND	40	H	2	
98,354	GALCAIO	SOM	4725E 0645N	180F3	0,5	ND	180	H	2	
98,354	OUM HADJER	TCD	1938E 1316N	180F3	100	ND	300	H	3	
98,354	KIGOMA	TGK	2940E 0450S	180F3	100	ND	300	H	3	
98,400	CASABLANCA 2	MRC	0735W 3322N	180F3	20	ND	45	H	2	
98,400	OUJDA 2	MRC	0204W 3444N	180F3	20	ND	500	H	2	
98,440	GOBABIS	AFS	1855E 2225S	200F3	40	ND	300	H	2	
98,440	KENTANI	AFS	2816E 3228S	200F3	38	ND	300	H	6	
98,440	KROONSTAD	AFS	2710E 2725S	200F3	38	ND	300	H	6	
98,440	S2	AFS	1842E 2805S	200F3	40	ND	300	H	2	
98,440	VILLIERSDORP	AFS	1931E 3358S	200F3	38	ND	1200	H	1	
98,440	G MACHADO	AGL	1714E 1203S	180F3	50	ND	75	H	3	
98,440	BOSSANGOA	CAF	1727E 0630N	180F3	100	ND	300	H	5	
98,440	BUTA	CGO	2447E 0247N	180F3	100	ND	300	H	5	

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1	2	3	4	5	6	7	8	9	10A	10B
98,440	ELISABETHVILLE	CGO	2728E 1139S	180F3	100	ND	300	H	3	
98,440	LOKANDU	CGO	2544E 0234S	180F3	100	ND	300	H	3	
98,440	PANZI	CGO	1801E 0717S	180F3	100	ND	300	H	3	
98,440	DALO	COG	1635E 0140N	180F3	100	ND	300	H	5	
98,440	DABAKALA	CTI	0407W 0808N	180F3	100	ND	600	H	5	
98,440	PREKETE	DAH	0138E 0840N	180F3	100	ND	300	H	5	
98,440	KANGO	GAB	1005E 0011N	180F3	100	ND	300	H	5	
98,440	YOUKOUNKOUN	GUI	1307W 1322N	180F3	100	ND	300	H	3	
98,440	SEGOU	MLI	0615W 1326N	180F3	100	ND	300	H	3	
98,440	MASSANGENA	MOZ	3255E 2135S	180F3	50	ND	75	H	3	
98,440	MOCIMBOA PRAIA	MOZ	4021E 1120S	180F3	50	ND	38	H	5	
98,440	I	NGR	1420E 2215N	180F3	100	ND	300	H	3	
98,440	KOKORO	NGR	0056E 1412N	180F3	100	ND	300	H	3	
98,440	N	NGR	1410E 1550N	180F3	100	ND	300	H	3	
98,440	TANOUT	NGR	0851E 1450N	180F3	100	ND	300	H	3	
98,440	JOS	NIG	0852E 0955N	180F3	100	ND	300	H	5	
98,440	LIVINGSTONE	RHN	2558E 1753S	180F3	100	ND	150	H	3	
98,440	MALAKAL	SDN	3148E 0930N	180F3	100	ND	300	H	6	14
98,440	AERE LAO	SEN	1420W 1624N	180F3	10	ND	300	H	4	
98,440	BO	SRL	1200W 0852N	180F3	50	ND	300	H	5	
98,440	ADRE	TCD	2211E 1327N	180F3	100	ND	300	H	3	
98,440	BUKOBA	TGK	3150E 0120S	180F3	100	ND	300	H	3	
98,440	TUKUYU	TGK	3340E 0920S	180F3	100	ND	1200	H	3	
98,440	ZANZIBAR	ZAN	3915E 0610S	180F3	25	ND	300	H	3	
98,500	BATNA	ALG	0606E 3535N	180F3	5	ND	600	H	1	11
98,500	MISURATA	LBY	1505E 3220N	180F3	10	ND	150	H	2	11
98,526	BLOUBERG	AFS	2859E 2304S	200F3	38	ND	100	H	6	
98,526	NIEKERKSHOOP	AFS	2240E 2910S	200F3	38	ND	300	H	2	
98,526	S49	AFS	1355E 1850S	200F3	40	ND	300	H	2	
98,526	S65	AFS	2125E 1802S	200F3	40	ND	300	H	2	
98,526	VRYHEID	AFS	3041E 2758S	200F3	38	ND	350	H	3	
98,526	CUBAL	AGL	1415E 1302S	180F3	50	ND	150	H	3	
98,526	KOUANGO	CAF	1958E 0459N	180F3	100	ND	300	H	5	
98,526	KISABI	CGO	2910E 0804S	180F3	100	ND	300	H	3	
98,526	UVIRA	CGO	2906E 0322S	180F3	100	ND	300	H	3	
98,526	WAMBA	CGO	2758E 0212N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
98,526	KARANG	CME	1315E 0504N	180F3	100	ND	300	H	5	
98,526	SIBITI	COG	1320E 0340S	180F3	100	ND	300	H	5	
98,526	MINA	GAB	1301E 0002N	180F3	100	ND	300	H	5	
98,526	PRANG	GHA	0050W 0800N	180F3	50	ND	120	H	5	
98,526	DIDI	GUI	0935W 1133N	180F3	100	ND	600	H	3	
98,526	TITA	HVO	0231W 1156N	180F3	100	ND	300	H	3	
98,526	MT ELGON	KEN	3440E 0105N	180F3	100	D	1200	H	3	74/200/360/10
98,526	ANDOHARANO	MDG	4711E 1815S	180F3	100	ND	300	H	3	
98,526	VOHIPANANY	MDG	4735E 2108S	180F3	500	ND	300	H	3	
98,526	CHINDE	MOZ	3628E 1835S	180F3	50	ND	38	H	3	
98,526	ATAR	MTN	1306W 2030N	180F3	100	ND	300	H	4	
98,526	GOMBE	NIG	1106E 1117N	180F3	10	ND	300	H	3	
98,526	ILESHA	NIG	0445E 0738N	180F3	100	ND	300	H	5	
98,526	YOLA	NIG	1229E 0910N	180F3	100	ND	300	H	5	
98,526	BALOVALE WEST	RHN	2243E 1328S	180F3	100	ND	150	H	3	
98,534	BIGI	CGO	2225E 0302N	180F3	100	ND	300	H	5	
98,600	ORLEANSVILLE	ALG	0107E 3557N	180F3	50	ND	600	H	1	11
98,612	S12	AFS	1730E 2515S	200F3	40	ND	300	H	2	
98,612	S44	AFS	1740E 1940S	200F3	40	ND	300	H	2	
98,612	SMITHFIELD	AFS	2629E 2959S	200F3	38	ND	300	H	6	
98,612	BANGASSOU	CAF	2250E 0444N	180F3	100	ND	300	H	5	
98,612	C	CAF	2140E 0950N	180F3	100	ND	300	H	5	
98,612	NOLA	CAF	1605E 0332N	180F3	100	ND	300	H	5	
98,612	KAMINA	CGO	2509E 0843S	180F3	100	ND	300	H	3	
98,612	KENGE	CGO	1655E 0450S	180F3	100	ND	300	H	3	
98,612	OMBWE	CGO	2532E 0424S	180F3	100	ND	300	H	3	
98,612	KRIBI	CME	0956E 0256N	180F3	100	ND	300	H	5	
98,612	FT ROUSSET	COG	1504E 0030S	180F3	100	ND	300	H	5	
98,612	KODIMASSOU	CTI	0438W 0553N	180F3	100	ND	300	H	5	
98,612	OMBOUE	GAB	0916E 0135S	180F3	100	ND	300	H	5	
98,612	KINDIA	GUI	1254W 1004N	180F3	100	ND	600	H	3	
98,612	BADINGA	HVO	0041E 1205N	180F3	100	ND	300	H	3	
98,612	ANTONIBE	MDG	4724E 1507S	180F3	10	ND	300	H	3	
98,612	MABOZE	MOZ	3210E 2345S	180F3	50	ND	75	H	3	
98,612	BIR MOGREIM	MTN	1131W 2508N	180F3	100	ND	300	H	2	
98,612	BILMA	NGR	1253E 1840N	180F3	100	ND	300	H	3	

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98,612	ABAKALIKI	NIG	0810E 0620N	180F3	100	ND	300	H	5	
98,612	MANKOYA	RHN	2448E 1448S	180F3	100	ND	150	H	3	
98,612	LERE	TCD	1413E 0940N	180F3	100	D	300	H	5	74/180/360/10
98,612	KRA	TGO	0121E 0720N	180F3	100	ND	300	H	5	
98,612	MASINDI	UGA	3140E 0140N	180F3	100	ND	150	H	3	
98,680	GEMENA	CGO	1946E 0317N	180F3	100	ND	300	H	5	
98,698	C90	AFS	2018E 2642S	200F3	38	ND	150	H	2	
98,698	KLEIN WATERVAL	AFS	2158E 3203S	200F3	38	ND	300	H	6	
98,698	PT SHEPSTONE	AFS	3017E 3044S	200F3	38	ND	300	H	6	
98,698	VAALPLAAS	AFS	2857E 2536S	200F3	38	ND	300	H	6	
98,698	ANTONIO ZAIRE	AGL	1217E 0606S	180F3	50	ND	150	H	3	
98,698	HENRI CARVALHO	AGL	2023E 0939S	180F3	50	ND	38	H	3	
98,698	MAVINGA	AGL	2016E 1530S	180F3	50	ND	75	H	3	
98,698	PT AMBOIM	AGL	1346E 1044S	180F3	50	ND	75	H	3	
98,698	D	CAF	1900E 0825N	180F3	100	ND	300	H	5	
98,698	BOYERA	CGO	1923E 0040S	180F3	100	ND	300	H	3	
98,698	GUNGU	CGO	1919E 0544S	180F3	100	ND	300	H	3	
98,698	KABAMBARE	CGO	2739E 0441S	180F3	100	ND	300	H	3	
98,698	KASENGA	CGO	2844E 1017S	180F3	100	ND	300	H	3	
98,698	NGAMBE 2	CME	1126E 0551N	180F3	100	ND	300	H	5	
98,698	ANJOUAN S	COM	4430E 1219S	180F3	1	ND	900	H	4	
98,698	NIKKI	DAH	0313E 0956N	180F3	100	ND	300	H	5	
98,698	OYEM	GAB	1136E 0140N	180F3	100	ND	300	H	5	
98,698	KISI	GHA	0130W 0510N	180F3	50	ND	200	H	5	
98,698	MACENTA	GUI	0929W 0835N	180F3	100	ND	600	H	5	
98,698	HARPER	LBR	0742W 0423N	180F3	20	ND	100	H	5	
98,698	KARIANGA	MDG	4723E 2225S	180F3	50	ND	300	H	3	
98,698	BAFOULABE	MLI	1050W 1348N	180F3	100	ND	300	H	3	
98,698	MOPTI	MLI	0412W 1430N	180F3	100	ND	300	H	3	
98,698	TESSALIT	MLI	0100E 2013N	180F3	100	ND	300	H	2	
98,698	MILANGE	MOZ	3547E 1606S	180F3	50	ND	150	H	3	
98,698	L	MTN	0545W 1905N	180F3	100	ND	300	H	2	
98,698	E	NGR	0707E 2012N	180F3	100	ND	300	H	3	
98,698	HADEIJA	NIG	1000E 1210N	180F3	10	ND	300	H	3	
98,698	SAINT JOSEPH	REU	5536E 2122S	180F3	0,3	ND	400	H	4	
98,698	LEGION MINE	RHS	2834E 2122S	180F3	100	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
98,698	YAMBIO	SDN	2825E 0435N	180F3	100	ND	300	H	5	14
98,698	GELIB	SOM	4247E 0028N	180F3	0,1	ND	40	H	2	
98,698	G	TCD	2326E 1941N	180F3	100	ND	300	H	2	
98,698	MOUTOGO	TCD	1846E 0829N	180F3	100	ND	300	H	5	
98,700	CLAIREFONTAINE	ALG	0806E 3757N	180F3	0,5	ND	750	H	1	11
98,700	DELLYS	ALG	0354E 3654N	180F3	*	ND	450	H	1	* 0,05 KW 11
98,784	BEDFORD	AFS	2603E 3239S	200F3	38	ND	350	H	6	
98,784	C.TOWN MINOR	AFS	1824E 3357S	200F3	0,3	ND	1000	H	1	
98,784	S24	AFS	1710E 2240S	200F3	40	ND	300	H	2	
98,784	SCHWEIZERRENEK	AFS	2456E 2717S	200F3	38	ND	300	H	6	
98,784	SANZA POMBO	AGL	1600E 0706S	180F3	50	ND	150	H	3	
98,784	TEIXEIRA SILVA	AGL	1522E 1211S	180F3	10	ND	150	H	3	
98,784	BOUAR	CAF	1531E 0556N	180F3	100	ND	300	H	5	
98,784	MOUKA	CAF	2146E 0717N	180F3	100	ND	300	H	5	
98,784	BUMBA	CGO	2227E 0211N	180F3	100	ND	300	H	5	
98,784	LOMELA	CGO	2316E 0218S	180F3	100	ND	300	H	3	
98,784	MWENE DITU	CGO	2326E 0650S	180F3	100	ND	300	H	3	
98,784	EKONAKO	CME	0841E 0501N	180F3	200	ND	300	H	5	
98,784	BOEMBE	COG	1545E 0258S	180F3	100	ND	300	H	5	
98,784	MANKONO	CTI	0612W 0808N	180F3	100	ND	300	H	5	
98,784	BAFATA	GNP	1441W 1210N	180F3	10	ND	75	H	4	
98,784	TYNYE	HVO	0110W 1430N	180F3	100	ND	300	H	3	
98,784	MACHAKOS	KEN	3715E 0130S	180F3	100	ND	300	H	3	
98,784	ANKILIMASY	MDG	4433E 2121S	180F3	100	ND	300	H	3	
98,784	KOLOKANI	MLI	0802W 1335N	180F3	100	ND	300	H	3	
98,784	LOUREN MARQUES	MOZ	3222E 2557S	180F3	100	ND	75	H	3	
98,784	PEBANE	MOZ	3807E 1720S	180F3	50	ND	75	H	3	
98,784	ROSSO	MTN	1549W 1631N	180F3	10	ND	300	H	4	
98,784	TICHIT	MTN	0929W 1829N	180F3	100	ND	300	H	2	
98,784	CHIRFA	NGR	1217E 2059N	180F3	100	ND	300	H	3	
98,784	KADUNA	NIG	0726E 1033N	180F3	10	ND	300	H	3	
98,784	KIGALI	RRW	3004E 0157S	180F3	1	ND	1200	H	3	
98,784	HAVELOCK	SWZ	3108E 2557S	180F3	5	ND	300	H	3	
98,784	MOROGORO	TGK	3740E 0640S	180F3	100	ND	600	H	3	
98,784	BASSARI	TGO	0046E 0914N	180F3	100	ND	300	H	5	
98,784	ARUA	UGA	3055E 0305N	180F3	100	ND	150	H	3	

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98,800	MARRAKECH 3	MRC	0801W 3146N	180F3	1	ND	300	H	2	
98,818	TANANARIVE	MDG	4731E 1856S	180F3	0,5	ND	300	H	3	
98,870	BARRACK HILL	ADN	4459E 1247N	180F3	5	ND	150	H	4	13
98,870	BETHLEHEM	AFS	2830E 2814S	200F3	38	ND	300	H	6	
98,870	HOUMOED	AFS	1953E 2912S	200F3	38	ND	300	H	2	
98,870	S63	AFS	1930E 1802S	200F3	40	ND	300	H	2	
98,870	MAHALAPYE	BCH	2645E 2310S	180F3	10	ND	300	H	6	
98,870	KONDOLOLE	CGO	2602E 0122N	180F3	100	ND	300	H	5	
98,870	KUTU	CGO	1808E 0243S	180F3	100	ND	300	H	3	
98,870	LULONGA	CGO	1825E 0032S	180F3	100	ND	300	H	5	
98,870	LUMUNA	CGO	2630E 0347S	180F3	100	ND	300	H	3	
98,870	OPALA	CGO	2430E 0037S	180F3	100	ND	300	H	3	
98,870	BAFIA	CME	1116E 0446N	180F3	100	ND	300	H	5	
98,870	KONKOUATI	COG	1110E 0400S	180F3	100	ND	300	H	5	
98,870	KOUN ABROSSO	CTI	0317W 0727N	180F3	100	ND	600	H	5	
98,870	MDN GADAOUNDOU	GUI	1134W 1151N	180F3	100	ND	300	H	3	
98,870	AMBODIFOTATRA	MDG	4952E 1700S	180F3	100	ND	300	H	3	
98,870	ANALAVASA	MDG	4902E 1333S	180F3	10	ND	300	H	3	
98,870	BEKISOPA	MDG	4558E 2133S	180F3	100	ND	300	H	3	
98,870	FORT DAUPHIN	MDG	4658E 2500S	180F3	100	ND	600	H	3	
98,870	SAN	MLI	0453W 1318N	180F3	100	ND	300	H	3	
98,870	INHAMINGA	MOZ	3500E 1824S	180F3	50	ND	150	H	3	
98,870	N	MTN	0542W 1703N	180F3	100	ND	300	H	3	
98,870	MAGARIA	NGR	0853E 1302N	180F3	100	D	300	H	3	74/80/280/5
98,870	ISEYIN	NIG	0330E 0800N	180F3	100	ND	300	H	5	
98,870	KAMPALANJE	RHN	2650E 1330S	180F3	100	ND	150	H	3	
98,870	MERODUE	SDN	3150E 1810N	180F3	100	ND	300	H	2	14
98,870	EL BUR	SOM	4635E 0442N	180F3	0,5	ND	150	H	2	
98,900	ORAN MURDJADJO	ALG	0046W 3542N	180F3	0,5	ND	300	H	1	11
98,956	S42	AFS	1530E 1950S	200F3	40	ND	300	H	2	
98,956	STRYDENBURG	AFS	2350E 3007S	200F3	38	ND	300	H	6	
98,956	T118	AFS	3047E 2351S	200F3	38	ND	300	H	6	
98,956	MAUN	BCH	2330E 2200S	180F3	10	ND	300	H	2	
98,956	MOBAYE	CAF	2055E 0425N	180F3	100	ND	300	H	5	
98,956	ARUMBI	CGO	3001E 0232N	180F3	100	ND	300	H	5	
98,956	DJOLU	CGO	2228E 0034N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
98,956	MWEKA	CGO	2134E 0451S	180F3	100	ND	300	H	3	
98,956	SAIPANGA	CGO	2244E 0912S	180F3	100	ND	300	H	3	
98,956	MALETCHEN	CME	1401E 0229N	180F3	100	ND	300	H	5	
98,956	POLI	CME	1315E 0829N	180F3	100	ND	600	H	5	
98,956	BRAZZAVILLE	COG	1515E 0417S	180F3	100	ND	300	H	5	
98,956	OKONDJA	GAB	1347E 0040S	180F3	100	ND	300	H	5	
98,956	NOBERE	HVO	0140W 1137N	180F3	100	ND	300	H	3	
98,956	ANJOZOROBE	MDG	4750E 1823S	180F3	100	ND	300	H	3	
98,956	MAJUNGA	MDG	4620E 1542S	180F3	50	ND	300	H	3	
98,956	MORIBOUGOU	MTN	0929W 1531N	180F3	10	ND	300	H	3	
98,956	AUCHI	NIG	0630E 0700N	180F3	100	ND	300	H	5	
98,956	MPOROKOSO	RHN	3005E 0920S	180F3	100	ND	150	H	3	
98,956	ULONGA	RHN	3020E 1420S	180F3	100	ND	150	H	3	
98,956	FT VICTORIA	RHS	3049E 2003S	180F3	10	ND	150	H	3	
98,956	KAOLACK	SEN	1607W 1410N	180F3	100	ND	300	V	4	
98,956	ISCIA BAIDOA	SOM	4340E 0308N	180F3	200	ND	320	H	2	
98,956	AM TIMAN	TCD	2017E 1103N	180F3	100	ND	300	H	3	
98,956	LARGEAU	TCD	1908E 1757N	180F3	100	ND	300	H	3	
98,956	MOSHI	TGK	3720E 0320S	180F3	100	ND	1200	H	3	
99,000	CAIRO	EGY	3115E 3003N	180F3	6,3	D	190	H	2	11
99,042	KEETMANSHOOP	AFS	1820E 2625S	200F3	40	ND	300	H	2	
99,042	MIDDELPOS	AFS	2000E 3200S	200F3	38	ND	300	H	6	
99,042	RHODES	AFS	2807E 3018S	200F3	38	ND	500	H	6	
99,042	RUSTENBURG	AFS	2707E 2537S	200F3	30	ND	300	H	6	
99,042	S38	AFS	1908E 2035S	200F3	40	ND	300	H	2	
99,042	PT ALEXANDRE	AGL	1151E 1548S	180F3	50	ND	150	H	3	
99,042	GWANE	CGO	2554E 0442N	180F3	100	ND	300	H	5	
99,042	KAPANGA KWANGO	CGO	1703E 0508S	180F3	100	ND	300	H	3	
99,042	KISANDJI	CGO	1916E 0618S	180F3	100	ND	300	H	3	
99,042	LUBUDI	CGO	2559E 0958S	180F3	100	ND	300	H	3	
99,042	LUBUTU	CGO	2634E 0044S	180F3	100	ND	300	H	3	
99,042	LUKOLELA	CGO	1711E 0107S	180F3	100	ND	300	H	3	
99,042	LOPI	COG	1640E 0255N	180F3	100	ND	300	H	5	
99,042	KOFFIKRO	CTI	0323W 0524N	180F3	100	ND	300	H	5	
99,042	AGARE SELAM	ETH	3831E 0630N	180F3	60	ND	600	H	6	
99,042	SANOUYA	GUI	1106W 1009N	180F3	100	ND	600	H	3	

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99,042	NIANGOLOKO	HVO	0455W 1017N	180F3	200	D	300	H	3	74/80/200/2
99,042	ANDILAMENA	MDG	4832E 1702S	180F3	100	ND	600	H	3	
99,042	BEFANDRIANA	MDG	4835E 1512S	180F3	2	ND	600	H	3	
99,042	ISEKENY	MDG	4456E 1909S	180F3	100	ND	300	H	3	
99,042	CHIBABAVA	MOZ	3338E 2020S	180F3	50	ND	75	H	3	
99,042	FURANCUNGO	MOZ	3336E 1454S	180F3	50	ND	150	H	3	
99,042	MOSSURIL	MOZ	4042E 1451S	180F3	50	ND	38	H	5	
99,042	BOUTILIMIT	MTN	1443W 1734N	180F3	100	ND	300	H	4	
99,042	AGADES	NGR	0759E 1658N	180F3	100	ND	300	H	3	
99,042	SAINT GILLES	REU	5515E 2102S	180F3	0,3	ND	300	H	4	
99,042	TAMBACOUNDA	SEN	1341W 1347N	180F3	100	ND	300	H	4	
99,042	ALULA	SOM	5047E 1155N	180F3	0,1	ND	30	H	2	
99,042	MAKENI	SRL	1200W 0852N	180F3	50	ND	150	H	5	
99,042	DOBA	TCD	1651E 0840N	180F3	100	ND	300	H	5	
99,042	MTWARA	TGK	4010E 1020S	180F3	100	ND	300	H	3	
99,100	EL KANTARA	ALG	0546E 3511N	180F3	1	D	600	H	1	11
99,100	TIARET	ALG	0119E 3524N	180F3	1	ND	600	H	1	11
99,128	C80	AFS	2229E 2722S	200F3	38	ND	350	H	2	
99,128	LOTHAIR	AFS	3037E 2612S	200F3	38	ND	300	H	6	
99,128	MILLER	AFS	2343E 3256S	200F3	38	ND	300	H	6	
99,128	S22	AFS	1445E 2230S	200F3	40	ND	300	H	2	
99,128	CELA	AGL	1507E 1125S	180F3	50	ND	300	H	3	
99,128	BETAMBA	CGO	2124E 0217S	180F3	100	ND	300	H	3	
99,128	BUSU MELO	CGO	2005E 0144N	180F3	100	ND	300	H	5	
99,128	GOMA	CGO	2914E 0141S	180F3	100	ND	300	H	3	
99,128	NIANGARA	CGO	2754E 0341N	180F3	100	ND	300	H	5	
99,128	BETAREOYA	CME	1407E 0536N	180F3	100	ND	300	H	5	
99,128	S.MARIA	CPV	2254W 1636N	180F3	50	ND	75	H	4	
99,128	GEMSA	EGY	3332E 2741N	180F3	100	ND	150	H	2	
99,128	TAMALE	GHA	0045W 0920N	180F3	50	ND	120	H	5	
99,128	S.DOMINGOS	GNP	1612W 1226N	180F3	10	ND	75	H	4	
99,128	K	MLI	0425W 1750N	180F3	100	ND	300	H	2	
99,128	KITA	MLI	0931W 1304N	180F3	100	ND	600	H	3	
99,128	MOCUBA	MOZ	3659E 1650S	180F3	50	ND	150	H	3	
99,128	IDJIL	MTN	1240W 2240N	180F3	10	ND	300	H	4	
99,128	KIFFA	MTN	1124W 1637N	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
99,128	FILINGUE	NGR	0319E 1421N	180F3	100	ND	300	H	3	
99,128	KONTAGORA	NIG	0530E 1010N	180F3	100	ND	300	H	3	
99,128	PT HARCOURT	NIG	0701E 0451N	180F3	100	ND	300	H	5	
99,128	SAINTE ROSE	REU	5550E 2108S	180F3	0,5	ND	300	H	4	
99,128	EL FASHER	SDN	2520E 1329N	180F3	100	ND	300	H	3	14
99,200	NEMOURS	ALG	0141W 3500N	180F3	1	ND	600	H	1	11
99,200	GIMENIS	LBY	2000E 3140N	180F3	0,9	ND	300	H	2	11
99,200	AL HOCEIMA 2	MRC	0401W 3512N	180F3	1	ND	450	H	2	11
99,214	BREDASDORP	AFS	1954E 3432S	200F3	38	ND	300	H	1	
99,214	EAST LONDON	AFS	2749E 3256S	200F3	38	ND	300	H	6	
99,214	KOSIES	AFS	1735E 2905S	200F3	38	ND	350	H	2	
99,214	S21	AFS	1835E 2310S	200F3	40	ND	300	H	2	
99,214	S61	AFS	1730E 1802S	200F3	40	ND	300	H	2	
99,214	WELKOM	AFS	2635E 2812S	200F3	38	ND	300	H	6	
99,214	CHITEMBO	AGL	1633E 1317S	180F3	50	ND	75	H	3	
99,214	BOSSABEMLE	CAF	1740E 0515N	180F3	100	ND	300	H	5	
99,214	YALINGA	CAF	2309E 0631N	180F3	100	ND	300	H	5	
99,214	KABONGO	CGO	2535E 0720S	180F3	100	ND	300	H	3	
99,214	KINDU	CGO	2555E 0257S	180F3	100	ND	300	H	3	
99,214	MUSHIE	CGO	1655E 0301S	180F3	100	ND	300	H	3	
99,214	FT FOUREAU	CME	1502E 1205N	180F3	200	ND	300	H	5	
99,214	MONGANDIA	COG	1710E 0040N	180F3	100	ND	300	H	5	
99,214	ASANDABO	ETH	3734E 0948N	180F3	10	ND	300	H	6	
99,214	GAOUAL	GUI	1311W 1141N	180F3	100	ND	600	H	3	
99,214	FORT HALL	KEN	3710E 0040S	180F3	100	ND	300	H	3	
99,214	ROBERTSPORT	LBR	1122W 0645N	180F3	10	ND	100	H	4	
99,214	DIOILA	MLI	0648W 1229N	180F3	100	ND	300	H	3	
99,214	PT ETIENNE	MTN	1703W 2053N	180F3	10	ND	300	H	4	
99,214	D	NGR	0536E 1910N	180F3	100	ND	300	H	3	
99,214	TESSAOUA	NGR	0758E 1348N	180F3	100	ND	300	H	3	
99,214	NSEFU	RHN	3157E 1254S	180F3	100	ND	150	H	3	
99,214	NTAMBU	RHN	2508E 1240S	180F3	100	ND	150	H	3	
99,214	SCUSCIUBAN	SOM	5015E 1015N	180F3	0,2	ND	65	H	2	
99,214	FADA	TCD	2130E 1712N	180F3	100	ND	300	H	3	
99,214	GOZ BEIDA	TCD	2125E 1213N	180F3	100	ND	300	H	3	
99,214	MAFIA	TGK	3935E 0755S	180F3	100	ND	150	H	3	

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99,300	GREYTOWN	AFS	3032E 2901S	200F3	38	ND	750	H	3	
99,300	POTGIETERSRUST	AFS	2915E 2410S	200F3	38	ND	600	H	6	
99,300	S40	AFS	1335E 1935S	200F3	40	ND	300	H	2	
99,300	VAN WYKSVLEI	AFS	2134E 3013S	200F3	38	ND	300	H	2	
99,300	V SARMENTO	AGL	2033E 0807S	180F3	50	ND	75	H	3	
99,300	CANROBERT	ALG	0708E 3535N	180F3	5	ND	600	H	1	11
99,300	BEFALE	CGO	2057E 0027N	180F3	100	ND	300	H	5	
99,300	BOSOBOLO	CGO	1955E 0413N	180F3	100	ND	300	H	5	
99,300	ITULA	CGO	2750E 0330S	180F3	100	ND	300	H	3	
99,300	LUANZA	CGO	2842E 0840S	180F3	100	ND	300	H	3	
99,300	TSHELA	CGO	1250E 0500S	180F3	100	ND	300	H	3	
99,300	BIBINDA	CME	1226E 0330N	180F3	100	ND	300	H	5	
99,300	LASTOURVILLE	GAB	1242E 0049S	180F3	100	ND	300	H	5	
99,300	BARANAMA	GUI	0846W 1008N	180F3	100	ND	300	H	3	
99,300	TCHIEN	LBR	0807W 0604N	180F3	10	ND	200	H	4	
99,300	ANTALAHA	MDG	5016E 1454S	180F3	100	ND	300	H	3	
99,300	BEDASY	MDG	4652E 1842S	180F3	100	ND	300	H	3	
99,300	NIAFOUNKE	MLI	0359W 1556N	180F3	100	ND	300	H	3	
99,300	VILA CABRAL	MOZ	3514E 1318S	180F3	50	ND	300	H	3	
99,300	K	MTN	0546W 2040N	180F3	100	ND	300	H	2	
99,300	GOURE	NGR	1016E 1401N	180F3	100	ND	300	H	3	
99,300	OSHOGBO	NIG	0434E 0746N	180F3	100	ND	300	H	5	
99,300	KALABO	RHN	2220E 1430S	180F3	100	ND	150	H	3	
99,300	KAPIRI MPOSHI	RHN	2815E 1410S	180F3	100	ND	150	H	3	
99,300	GWELO	RHS	2956E 1931S	180F3	100	ND	150	H	3	
99,300	DAKAR	SEN	1726W 1440N	180F3	0,1	ND	300	H	4	
99,386	HISHWAH	ADN	4457E 1250N	180F3	5	ND	150	H	4	13
99,386	AUS	AFS	1630E 2635S	200F3	40	ND	300	H	2	
99,386	S36	AFS	1705E 2040S	200F3	40	ND	300	H	2	
99,386	VENTERSTAD	AFS	2542E 3057S	200F3	38	ND	300	H	6	
99,386	LOBATSI	BCH	2535E 2515S	180F3	10	ND	300	H	6	
99,386	OUANDA DJALE	CAF	2246E 0853N	180F3	100	ND	300	H	5	
99,386	DIMBELENGE	CGO	2305E 0532S	180F3	100	ND	300	H	3	
99,386	KIMVULA	CGO	1549E 0554S	180F3	100	ND	300	H	3	
99,386	MBOLI	CGO	2317E 0401N	180F3	100	ND	300	H	5	
99,386	YANONGE	CGO	2441E 0037N	180F3	100	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10A	10B
99,386	GUITRI	CTI	0514W 0531N	180F3	100	ND	300	H	5	
99,386	DAGABUR	ETH	4333E 0815N	180F3	10	ND	150	H	2	
99,386	BITOU	HVO	0047W 1113N	180F3	200	D	300	H	3	74/150/210/2
99,386	BENENITRA	MDG	4509E 2325S	180F3	100	ND	600	H	3	
99,386	DYOUMARA	MLI	0834W 1432N	180F3	100	ND	300	H	3	
99,386	HOMBORI	MLI	0140W 1515N	180F3	100	ND	900	H	3	
99,386	FINGOE	MOZ	3153E 1510S	180F3	50	ND	38	H	3	
99,386	NAMPULA	MOZ	3916E 1507S	180F3	100	ND	75	H	5	
99,386	H	NGR	1145E 2303N	180F3	100	ND	300	H	3	
99,386	OWERRI	NIG	0740E 0520N	180F3	25	ND	300	H	5	
99,386	KASAMA	RHN	3110E 1012S	180F3	100	ND	150	H	3	
99,386	KOUNGHEUL	SEN	1447W 1358N	180F3	10	ND	300	H	4	
99,386	MOGADISCIO	SOM	4522E 0205N	180F3	60	ND	200	H	2	
99,386	S.TOME	STP	0645E 0021N	180F3	10	ND	38	H	5	
99,386	BAI BOKOUM	TCD	1540E 0744N	180F3	100	ND	600	H	5	
99,386	BILTINE	TCD	2055E 1432N	180F3	100	ND	300	H	3	
99,386	LOME	TGO	0113E 0608N	180F3	100	ND	300	H	5	
99,386	FORT PORTAL	UGA	3020E 0040N	180F3	100	ND	300	H	3	
99,400	TENES EL FEDJ	ALG	0117E 3629N	180F3	0,1	ND	550	H	1	11
99,472	C78	AFS	2018E 2735S	200F3	38	ND	150	H	2	
99,472	JOHANNESBURG	AFS	2800E 2612S	200F3	100	ND	300	H	6	
99,472	P.ALBERT ROAD	AFS	2145E 3257S	200F3	38	ND	300	H	6	
99,472	PT ST.JOHNS	AFS	2925E 3134S	200F3	38	ND	350	H	6	
99,472	AMBRIZETE	AGL	1252E 0714S	180F3	50	ND	38	H	3	
99,472	AVIZ	AGL	1322E 1632S	180F3	50	ND	75	H	3	
99,472	BANGURU	CGO	2710E 0030N	180F3	100	ND	300	H	5	
99,472	BOMBOMA	CGO	1900E 0218N	180F3	100	ND	300	H	5	
99,472	KIRI	CGO	1900E 0123S	180F3	100	ND	300	H	3	
99,472	NYUNSU	CGO	2800E 0600S	180F3	100	ND	300	H	3	
99,472	BOUNA	CTI	0300W 0916N	180F3	100	ND	300	H	5	
99,472	BULAQ	EGY	3032E 2513N	180F3	10	ND	150	H	2	
99,472	ASOSA	ETH	3441E 1024N	180F3	10	ND	300	H	6	
99,472	DESSIE	ETH	3938E 1107N	180F3	60	ND	300	H	6	
99,472	KISUMU	KEN	3445E 0003S	180F3	100	ND	150	H	3	
99,472	VOINJAMA	LBR	0945W 0826N	180F3	10	ND	200	H	5	
99,472	ANDRANOMAVO	MDG	4533E 1634S	180F3	50	ND	300	H	3	

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99,472	MAMBONE	MOZ	3500E 2100S	180F3	50	ND	75	H	3	
99,472	PITONHYACINTHE	REU	5533E 2112S	180F3	1	ND	600	H	4	
99,472	KOURMOUK	SDN	3450E 0530N	180F3	100	ND	300	H	3	14
99,472	DALAFI	SEN	1224W 1340N	180F3	10	ND	300	H	4	
99,472	SONGEA	TGK	3540E 1035S	180F3	100	ND	150	H	3	
99,500	ALGER MATIFOU	ALG	0314E 3649N	180F3	5	ND	75	H	1	11
99,500	GARIAN	LBY	1300E 3210N	180F3	10	ND	150	H	2	11
99,558	GOLELA	AFS	3202E 2616S	200F3	38	ND	300	H	3	
99,558	KNEUKEL	AFS	2410E 2815S	200F3	38	ND	200	H	6	
99,558	PT.ELIZABETH	AFS	2533E 3356S	200F3	38	ND	300	H	6	
99,558	S19	AFS	1630E 2320S	200F3	40	ND	300	H	2	
99,558	S59	AFS	1530E 1803S	200F3	40	ND	300	H	2	
99,558	NOVA LISBOA	AGL	1540E 1250S	180F3	100	ND	150	H	3	
99,558	BOUROURI	BDI	2940E 0410S	180F3	100	ND	300	H	3	14
99,558	BOZOUM	CAF	1624E 0620N	180F3	100	ND	300	H	5	
99,558	BRIA	CAF	2155W 0630N	180F3	100	ND	300	H	5	
99,558	O	CAF	1250E 0510N	180F3	100	ND	300	H	5	
99,558	WATSA	CGO	2928E 0303N	180F3	100	ND	300	H	5	
99,558	PANGALA	COG	1435E 0325S	180F3	100	ND	300	H	5	
99,558	IDFU	EGY	3249E 2500N	180F3	200	ND	150	H	2	
99,558	BEDELLE	ETH	3621E 0827N	180F3	10	ND	300	H	6	
99,558	CATIO	GNP	1515W 1115N	180F3	10	ND	38	H	4	
99,558	NAIROBI	KEN	3650E 0115S	180F3	100	ND	1200	H	3	
99,558	IANADABO	MDG	4400E 2216S	180F3	100	ND	600	H	3	
99,558	BAMAKO	MLI	0801W 1239N	180F3	100	ND	300	H	3	
99,558	BIRNI NKONI	NGR	0512E 1348N	180F3	100	D	300	H	3	74/90/270/5
99,558	SALISBURY	RHS	3104E 1747S	180F3	100	ND	300	H	3	
99,558	ST LOUIS	SEN	1629W 1600N	180F3	0,1	ND	300	H	4	
99,558	AM DAM	TCD	2028E 1246N	180F3	100	ND	300	H	3	
99,600	BOU SAADA	ALG	0409E 3516N	180F3	0	ND	600	H	1	11
99,600	SAFI 2	MRC	0916W 3222N	180F3	1	ND	150	H	2	
99,600	TANGER 3	MRC	0549W 3544N	180F3	1	ND	150	H	2	
99,644	HOUNDSLOW	AFS	2708E 2352S	200F3	38	ND	150	H	6	
99,644	JAGGERSPLAAT	AFS	1934E 3002S	200F3	38	ND	300	H	2	
99,644	S54	AFS	1905E 1855S	200F3	40	ND	300	H	2	
99,644	ALJUSTREL	AGL	1950E 1350S	180F3	50	ND	75	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
99,644	CAUNGULA	AGL	1840E 0820S	180F3	50	ND	150	H	3	
99,644	LERIBE	BAS	2800E 2845S	180F3	10	ND	300	H	6	
99,644	BANGUI	CAF	1835W 0423N	180F3	100	ND	300	H	5	
99,644	BODA	CAF	1730E 0422N	180F3	100	ND	300	H	5	
99,644	DJEMA	CAF	2515W 0608N	180F3	100	ND	300	H	5	
99,644	COQUILHATVILLE	CGO	1818E 0001S	180F3	100	ND	300	H	5	
99,644	LOLODORF	CME	1044E 0314N	180F3	100	ND	300	H	5	
99,644	GR COMORE N	COM	4317E 1125S	180F3	0,1	ND	300	H	4	
99,644	WIAWSO	GHA	0229W 0616N	180F3	50	ND	120	H	5	
99,644	LABE	GUI	1214W 1118N	180F3	100	ND	600	H	3	
99,644	GBARNGA	LBR	0908W 0728N	180F3	20	ND	300	H	4	
99,644	MANIVALO	MDG	4621E 2227S	180F3	100	ND	600	H	3	
99,644	E	MLI	0140W 2235N	180F3	100	ND	300	H	2	
99,644	KOUTIALA	MLI	0528W 1223N	180F3	100	ND	300	H	3	
99,644	FUNHALOURO	MOZ	3427E 2307S	180F3	50	ND	75	H	3	
99,644	VILA PERY	MOZ	3329E 1907S	180F3	50	ND	150	H	3	
99,644	A	MTN	1511W 2020N	180F3	100	ND	300	H	4	
99,644	E	MTN	1105W 2555N	180F3	10	ND	300	H	2	
99,644	L	NGR	1525E 1830N	180F3	100	ND	300	H	3	
99,644	IBI	NIG	1040E 0820N	180F3	100	ND	300	H	5	
99,644	SAINT DENIS	REU	5526E 2053S	180F3	1	ND	600	H	4	
99,644	LUSANGO S	RHN	2600E 1440S	180F3	100	ND	150	H	3	
99,644	BELET UEN	SOM	4511E 0445N	180F3	0,5	ND	100	H	2	
99,644	BERBERA	SOM	4502E 1025N	180F3	0,5	ND	35	H	2	
99,644	BOUSSO	TCD	1625E 1029N	180F3	100	ND	300	H	3	
99,644	EGUITIMMI	TCD	1619E 1548N	180F3	100	ND	300	H	3	
99,644	I	TCD	2247E 1623N	180F3	100	ND	300	H	3	
99,644	MBEYA	TGK	3330E 0850S	180F3	100	ND	1200	H	3	
99,644	SHINYANGA	TGK	3325E 0340S	180F3	100	ND	150	H	3	
99,644	LIRA	UGA	3255E 0210N	180F3	100	ND	150	H	3	
99,730	DEELFONTEIN	AFS	2356E 3107S	200F3	38	ND	300	H	6	
99,730	DUBLIN	AFS	3040E 2427S	200F3	38	ND	750	H	6	
99,730	S34	AFS	1512E 2030S	200F3	40	ND	300	H	2	
99,730	PAIVA COUCEIRO	AGL	1433E 1450S	180F3	50	ND	75	H	3	
99,730	TAMANRASSET	ALG	0530E 2250N	180F3	50	ND	600	H	2	
99,730	LUANIKA	CGO	1425E 0535S	180F3	100	ND	300	H	3	

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99,730	LOMIE	CME	1338E 0310N	180F3	100	ND	300	H	5	
99,730	TIBATI	CME	1237E 0627N	180F3	100	ND	300	H	5	
99,730	GR COMORE S	COM	4318E 1150S	180F3	10	ND	600	H	4	
99,730	SOUBRE	CTI	0636W 0546N	180F3	100	ND	300	H	5	
99,730	LEKONI	GAB	1414E 0135S	180F3	100	ND	300	H	5	
99,730	AJANGOTE	GHA	0010W 0535N	180F3	50	ND	250	H	5	
99,730	SORIBADOUGOU	GUI	0825W 0912N	180F3	100	ND	300	H	5	
99,730	NAKURU	KEN	3603E 0018S	180F3	100	ND	600	H	3	
99,730	TANANARIVE	MDG	4731E 1856S	180F3	0,5	ND	300	H	3	
99,730	DOUENTZA	MLI	0258W 1458N	180F3	100	ND	600	H	3	
99,730	YELIMANE	MLI	1034W 1507N	180F3	100	ND	300	H	3	
99,730	BENIN	NIG	0537E 0619N	180F3	100	ND	300	H	5	
99,730	BELINGWE	RHS	2955E 2038S	180F3	100	ND	150	H	3	
99,730	SINGAKO	TCD	1928E 0951N	180F3	100	ND	300	H	5	
99,816	COLIGNY	AFS	2610E 2623S	200F3	38	ND	300	H	6	
99,816	ENGCOBO	AFS	2744E 3142S	200F3	38	ND	300	H	6	
99,816	PIQUETBERG	AFS	1844E 3250S	200F3	38	ND	200	H	1	
99,816	S4	AFS	1802E 2715S	200F3	40	ND	300	H	2	
99,816	S30	AFS	1835E 2130S	200F3	40	ND	300	H	2	
99,816	CUANGO	AGL	1633E 0614S	180F3	50	ND	150	H	3	
99,816	KIRIMA	AGL	1805E 1030S	180F3	50	ND	75	H	3	
99,816	ANGO	CGO	2550E 0402N	180F3	100	ND	300	H	5	
99,816	BOLOBO	CGO	1615E 0228S	180F3	100	ND	300	H	3	
99,816	KOLWEZI	CGO	2527E 1047S	180F3	100	ND	300	H	3	
99,816	BAMENDA	CME	1009E 0556N	180F3	200	ND	300	H	5	
99,816	ABIDJAN	CTI	0401W 0526N	180F3	100	ND	300	H	5	
99,816	KOROGHO	CTI	0539W 0927N	180F3	100	ND	300	H	5	
99,816	ABOMEY CALAVI	DAH	0225E 0630N	180F3	100	ND	300	H	5	
99,816	TANGUIETA	DAH	0118E 1036N	180F3	100	ND	300	H	3	
99,816	AGAR MARIAM	ETH	3815E 0537N	180F3	10	ND	600	H	6	
99,816	KEREN	ETH	3830E 1545N	180F3	3	ND	150	H	6	
99,816	TCHIBANGA	GAB	1103E 0251S	180F3	100	ND	300	H	5	
99,816	AMBATOMAHABO	MDG	4509E 2008S	180F3	100	ND	300	H	3	
99,816	ANTSATRANA	MDG	4853E 1543S	180F3	100	ND	600	H	3	
99,816	MABROUK	MLI	0115W 1930N	180F3	100	ND	300	H	2	
99,816	MOURDHIA	MLI	0727W 1459N	180F3	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10A	10B
99,816	V.DE JOAO BELO	MOZ	3338E 2503S	180F3	50	ND	75	H	3	
99,816	LEGAT	MTN	1450W 1646N	180F3	10	ND	300	H	4	
99,816	ZARIA	NIG	0740E 1100N	180F3	10	ND	300	H	3	
99,816	SAINT LEU	REU	5518E 2112S	180F3	0,3	ND	400	H	4	
99,816	VELINGARA	SEN	1406W 1309N	180F3	15	ND	300	H	4	
99,816	VICTORIA	SEY	5529E 0443S	180F3	5	ND	600	H	2	
99,816	OBOCK	SMF	4317E 1158N	180F3	*	ND	75	H	2	* 0,05 KW
99,816	MASSAKORY	TCD	1544E 1300N	180F3	100	ND	300	H	3	
99,816	MOISSALA	TCD	1746E 0820N	180F3	100	ND	300	H	5	
99,816	TABORA	TGK	3250E 0500S	180F3	100	ND	150	H	3	
99,816	TANGA	TGK	3908E 0505S	180F3	100	ND	1200	H	3	
99,900	BEIDA	LBY	2145E 3245N	180F3	10	ND	150	H	2	11
99,900	NADOR 2	MRC	0258W 3513N	180F3	1	ND	550	H	2	
99,902	S57	AFS	1340E 1810S	200F3	40	ND	300	H	2	
99,902	SKEURBERG	AFS	2215E 2815S	200F3	38	ND	300	H	2	
99,902	UNIONDALE	AFS	2254E 3338S	200F3	38	ND	600	H	6	
99,902	VOLKSRUST	AFS	2950E 2712S	200F3	38	ND	300	H	6	
99,902	FT SIBUT	CAF	1905E 0544N	180F3	100	ND	300	H	5	
99,902	LOKOLAMA	CGO	1953E 0234S	180F3	100	ND	300	H	3	
99,902	BERTOUA	CME	1341E 0433N	180F3	100	ND	500	H	5	
99,902	MAYOTTE	COM	4509E 1252S	180F3	10	ND	600	H	4	
99,902	PRAIA	CPV	2331W 1455N	180F3	100	ND	75	H	4	
99,902	MT TONKOUI	CTI	0738W 0727N	180F3	100	ND	600	H	5	
99,902	BUSH	EGY	3107E 2909N	180F3	100	ND	150	H	2	
99,902	DEMBIDOLLO	ETH	3438E 0836N	180F3	10	ND	150	H	6	
99,902	BANTALA	GHA	0145W 0940N	180F3	50	ND	100	H	5	
99,902	MURZUQ	LBY	1410E 2550N	180F3	10	ND	150	H	2	
99,902	AMBALANIRANA	MDG	5000E 1351S	180F3	100	ND	600	H	3	
99,902	KANDREHO	MDG	4605E 1728S	180F3	100	ND	300	H	3	
99,902	KIDAL	MLI	0120E 1825N	180F3	100	ND	300	H	2	
99,902	KOURAGUE	MLI	1003W 1220N	180F3	100	ND	600	H	3	
99,902	LANFIERA	MLI	0409W 1330N	180F3	100	ND	300	H	3	
99,902	J	MTN	0658W 2222N	180F3	100	ND	300	H	2	
99,902	DOSSO	NGR	0312E 1303N	180F3	100	ND	300	H	3	
99,902	DUKWA	NIG	1030E 1040N	180F3	100	ND	300	H	3	
99,902	ILORIN	NIG	0433E 0832N	180F3	100	ND	300	H	5	

PLAN POUR LES STATIONS DE RADIODIFFUSION SONORE DANS LA BANDE DE FRÉQUENCES 87,5-100 MHz

PLAN FOR SOUND BROADCASTING STATIONS IN THE FREQUENCY BAND 87.5-100 Mc/s

PLAN PARA LAS ESTACIONES DE RADIODIFUSIÓN SONORA EN LA BANDA DE FRECUENCIAS 87,5-100 Mc/s **87,5-100 MHz Mc/s** **BC**

Fréquence assignée (MHz) *Assigned Frequency (Mc/s)* Frecuencia asignada (Mc/s)	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Classe d'émission et largeur de bande nécessaire *Class of emission and necessary bandwidth* Clase de emisión y anchura de banda necesaria	Puissance apparente rayonnée maximale (kW) *Maximum effective radiated power (kW)* Potencia radiada aparente máxima (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zone climática	Observations *Remarks* Observaciones

1	2	3	4	5	6	7	8	9	10A	10B
99,902	AKIRABO	RRW	2917E 0226S	180F3	25	ND	1200	H	3	
99,902	CHISIMAIO	SOM	4232E 0022S	180F3	60	ND	80	H	2	
99,902	OBBIA	SOM	4830E 0520N	180F3	0,5	ND	70	H	2	
99,902	OUANTAGOI	TCD	1635E 2136N	180F3	100	ND	300	H	2	

PLAN

pour les

STATIONS DE TÉLÉVISION

dans la

BANDE DE FRÉQUENCES 174-223 MHz

PLAN

for

TELEVISION STATIONS

in the

FREQUENCY BAND 174-223 Mc/s

PLAN

para las

ESTACIONES DE TELEVISIÓN

en la

BANDA DE FRECUENCIAS 174-223 Mc/s

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s 174-223 MHz Mc/s BT

Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)		Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Simbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada apparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Image *Vision* Imagen	Son *Sound* Sonido											
1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
175,25	180,75	8P	HISHWAH	ADN	4457E 1250N	B	1	D	150	H	4	75/225/0,5 13
175,25	180,75	0	TAMANRASSET	ALG	0530E 2250N	B	50	ND	600	H	2	15
175,25	181,25	0	CERES	AFS	1916E 3324S	I	1	ND	100	H	1	
175,25	181,25	8M	GENESA	AFS	2404E 2630S	I	100	ND	200	V	2	
175,25	181,25	8M	GREYTOWN	AFS	3032E 2901S	I	100	ND	750	V	3	
175,25	181,25	8P	GRIQUATOWN	AFS	2325E 2905S	I	100	ND	250	H	6	
175,25	181,25	8M	HOUMOED	AFS	1953E 2912S	I	100	ND	300	H	2	
175,25	181,25	0	LADYBRAND	AFS	2722E 2912S	I	100	ND	350	H	6	
175,25	181,25	0	LUDERITZ	AFS	1520E 2640S	I	100	ND	300	H	2	
175,25	181,25	8P	MIDDLEPOS	AFS	2000E 3200S	I	100	ND	300	V	6	
175,25	181,25	8P	PT ST JOHNS	AFS	2925E 3134S	I	100	ND	350	H	6	
175,25	181,25	8M	QUEENSTOWN	AFS	2650E 3152S	I	100	ND	550	V	6	
175,25	181,25	8P	RUSTENBURG	AFS	2707E 2537S	I	100	ND	300	H	6	
175,25	181,25	8P	S9	AFS	1820E 2625S	I	100	ND	300	H	2	
175,25	181,25	0	S20	AFS	1730E 2320S	I	100	ND	300	H	2	
175,25	181,25	0	S34	AFS	1512E 2030S	I	100	ND	300	H	2	
175,25	181,25	8M	S37	AFS	1808E 2045S	I	100	ND	300	H	2	
175,25	181,25	8M	S56	AFS	1225E 1755S	I	100	ND	300	H	2	
175,25	181,25	8P	S59	AFS	1530E 1803S	I	100	ND	300	H	2	
175,25	181,25	0	S62	AFS	1830E 1802S	I	100	ND	300	H	2	
175,25	181,25	8M	S65	AFS	2125E 1802S	I	100	ND	300	H	2	
175,25	181,25	0	THREE SISTERS	AFS	2309E 3156S	I	100	ND	300	H	6	
175,25	181,25	8P	T118	AFS	3047E 2351S	I	100	D	300	H	6	74/210/270/10
175,25	181,25	8P	ZASTRON	AFS	2703E 3018S	I	1	ND	100	H	6	
175,25	181,25	8M	CAIUNDO	AGL	1730E 1550S	I	100	ND	75	V	3	
175,25	181,25	0	KIBALA	AGL	1447E 1037S	I	100	ND	150	H	3	
175,25	181,25	0	TEIXEIRA SOUSA	AGL	2210E 1044S	I	100	ND	75	V	3	
175,25	180,75	0	SIDI IFNI	AOE	1011W 2932N	B	1	ND	300	H	4	
175,25	180,75	0	VILLA CISNEROS	AOE	1558W 2343N	B	1	ND	75	H	4	
175,25	181,25	0	GEORGETOWN	ASC	1425W 0756S	I	5	ND	600	H	4	
175,25	181,75	0	BATTINGA	CAF	2030E 0630N	K	100	ND	300	H	5	
175,25	181,75	0	BOSSANGOA	CAF	1727E 0630N	K	100	ND	300	H	5	
175,25	181,75	0	MBAIKI	CAF	1801E 0353N	K	100	ND	300	H	5	
175,25	181,75	0	YALINGA	CAF	2309E 0631N	K	100	ND	300	H	5	
175,25	181,75	0	ANGO	CGO	2550E 0402N	K	100	ND	300	H	5	
175,25	181,75	0	BAFWASENDE	CGO	2713E 0107N	K	100	ND	300	V	5	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
175,25	181,75	8P	BANZYVILLE	CGO	2110E 0418N	K	100	ND	300	H	5	
175,25	181,75	8M	BENI	CGO	2928E 0030N	K	100	ND	300	V	5	
175,25	181,75	0	BONGANDANGA	CGO	2101E 0130N	K	100	ND	300	H	5	
175,25	181,75	0	BUKAMA	CGO	2550E 0912S	K	100	ND	300	H	3	
175,25	181,75	0	FARADJE	CGO	2942E 0345N	K	100	ND	100	H	5	
175,25	181,75	8M	ISANGI	CGO	2410E 0046N	K	100	ND	300	H	5	
175,25	181,75	8P	KAPANGA KATANG	CGO	2245E 0825S	K	100	ND	300	H	3	
175,25	181,75	0	KIMVULA	CGO	1549E 0554S	K	100	ND	300	V	3	
175,25	181,75	8P	LOKANDU	CGO	2544E 0234S	K	100	ND	300	H	3	
175,25	181,75	0	LULUABOURG	CGO	2225E 0554S	K	100	ND	300	V	3	
175,25	181,75	0	MATADI	CGO	1326E 0548S	K	100	ND	300	H	3	
175,25	181,75	0	MBOLI	CGO	2317E 0401N	K	100	ND	300	V	5	
175,25	181,75	0	MOLIRO	CGO	3031E 0811S	K	100	ND	300	V	3	
175,25	181,75	8P	NYUNSU	CGO	2800E 0600S	K	100	ND	300	H	3	
175,25	181,75	0	SAKANIA	CGO	2831E 1241S	K	100	ND	300	V	3	
175,25	181,75	8M	TSHOFA	CGO	2516E 0513S	K	25	ND	300	V	3	
175,25	181,75	0	BUEA	CME	0914E 0409N	K	100	ND	300	H	5	
175,25	181,75	0	NGAOUNDERE	CME	1333E 0716N	K	100	ND	300	H	5	
175,25	181,75	8M	TCHEVI	CME	1330E 1010N	K	100	ND	600	H	5	
175,25	181,75	0	YAOUNDE	CME	1129E 0354N	K	100	ND	600	H	5	
175,25	180,75	0	IZANA	CNR	1630W 2830N	B	100	ND	900	V	4	
175,25	181,75	8P	BOEMBE	COG	1545E 0258S	K	100	ND	300	H	5	
175,25	181,75	0	KELLE	COG	1430E 0004S	K	100	ND	300	H	5	
175,25	181,75	0	LONGO	COG	1745E 0009N	K	100	ND	300	H	5	
175,25	181,75	0	MOSSENDJO	COG	1242E 0257S	K	50	ND	300	H	5	
175,25	181,75	0	ANJOUAN N	COM	4425E 1217S	K	10	D	1600	H	4	74/180/190/2 74/225/235/5
175,25	181,75	0	ADZOPE	CTI	0351W 0606N	K	50	ND	300	V	5	
175,25	181,75	0P	DYENGOLE	CTI	0740W 0931N	K	100	ND	600	V	5	
175,25	181,75	8M	KONG	CTI	0437W 0909N	K	100	ND	300	V	5	
175,25	181,75	8M	ABOMEY CALAVI	DAH	0225E 0630N	K	100	ND	300	H	5	
175,25	181,75	0	PABEGOU	DAH	0135E 0947N	K	100	D	300	V	5	75/270/10
175,25	180,75	8P	ABU ZENIMA	EGY	3215E 2900N	B	100	ND	100	V	2	
175,25	180,75	0	ASWAN	EGY	3257E 2404N	B	135	ND	100	H	2	
175,25	180,75	0	CAIRO	EGY	3115E 3003N	B	120	ND	190	H	2	11
175,25	180,75	8M	LUXOR	EGY	3238E 2527N	B	100	ND	100	V	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

174-223 MHz Mc/s BT

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)		Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Image *Vision* Imagen	Son *Sound* Sonido											
175,25	180,75	8M	MALLAWI	EGY	3050E 2744N	B	24	ND	75	H	2	
175,25	180,75	8P	MERSA ALAM	EGY	3455E 2503N	B	100	ND	100	H	2	
175,25	180,75	0	MUT	EGY	2855E 2530N	B	100	ND	100	H	2	
175,25	180,75	0	SAFAGA	EGY	3400E 2642N	B	100	ND	100	H	2	
175,25	180,75	8P	ASMARA	ETH	3856E 1521N	B	60	ND	600	H	6	
175,25	180,75	0	CENCIA	ETH	3726E 0607N	B	60	ND	1200	H	6	
175,25	180,75	0	DEBRE BREHAN	ETH	3932E 0939N	B	60	ND	300	H	6	
175,25	180,75	0	EL CARRE	ETH	4210E 0550N	B	10	ND	150	H	6	
175,25	180,75	0	GONDAR	ETH	3725E 1236N	B	60	ND	1200	H	6	
175,25	180,75	0	MENDI	ETH	3505E 0947N	B	10	ND	600	H	6	
175,25	180,75	0	TORI	ETH	3335E 0754N	B	60	ND	150	H	2	
175,25	181,75	8P	BOOUE	GAB	1156E 0001S	K	100	ND	300	H	5	
175,25	181,75	0	LIBREVILLE	GAB	0928E 0025N	K	150	D	300	H	5	74/240/45/1
175,25	181,75	0	NKABIN	GHA	0140W 0648N	K	50	ND	300	H	5	
175,25	181,75	8M	TAMALE	GHA	0050W 0928N	K	50	ND	300	H	5	
175,25	181,25	8P	KUNTAUR	GMB	1450W 1332N	I	50	D	300	H	4	74/200/40/1 75/140/10
175,25	180,75	8M	MONTE MITRA	GNE	0955E 0126N	B	1	ND	300	H	5	
175,25	181,75	8P	DOUAKO	GUI	1011W 0944N	K	10	D	300	V	5	75/161/0,2
175,25	181,75	0	KINDIA	GUI	1254W 1004N	K	100	D	600	V	3	74/110/195/1 75/242/10
175,25	181,75	0	YOUKOUNKOUN	GUI	1307W 1232N	K	100	D	300	H	3	74/300/100/5
175,25	181,75	8P	OUAGADOUGOU	HVO	0131W 1221N	K	100	ND	300	V	3	
175,25	180,75	0	TCHIEN	LBR	0807W 0604N	B	10	D	200	H	4	74/313/326/1
175,25	180,75	8P	VOINJAMA	LBR	0945W 0826N	B	10	D	150	V	5	75/342/1
175,25	180,75	0	BRACK	LBY	1410E 2740N	B	20	ND	150	H	2	
175,25	181,75	0	AMBATONDRAZAKA	MDG	4831E 1748S	K	100	D	600	H	3	74/110/120/10
175,25	181,75	0	AMPOSINAMBO	MDG	4805E 2232S	K	100	D	600	V	3	74/90/100/50
175,25	181,75	0	ANDAPA	MDG	4941E 1442S	K	100	ND	300	H	3	
175,25	181,75	0	BEDASY	MDG	4652E 1842S	K	100	ND	300	H	3	
175,25	181,75	0	BEKISOPA	MDG	4558E 2133S	K	100	ND	300	H	3	
175,25	181,75	0	FORT DAUPHIN	MDG	4658E 2500S	K	100	D	600	H	3	74/55/65/20
175,25	181,75	0	MAINTIRANO	MDG	4402E 1803S	K	100	D	300	V	3	74/355/15/10
175,25	181,75	0	BAMAKO	MLI	0801W 1239N	K	100	ND	300	H	3	
175,25	181,75	0	G	MLI	0540W 2330N	K	100	ND	300	H	2	
175,25	181,75	8M	KOUTIALA	MLI	0528W 1223N	K	100	ND	300	V	3	
175,25	181,75	0	OUATAGOUNA	MLI	0044W 1511N	K	100	ND	300	H	3	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
175,25	181,75	0	TESSALIT	MLI	0100E 2013N	K	100	ND	300	H	2	
175,25	181,25	0	ANTONIO ENES	MOZ	3954E 1614S	I	100	D	38	H	5	74/40/60/20
175,25	181,25	0	INHAMBANE	MOZ	3524E 2352S	I	100	ND	75	H	3	
175,25	181,25	8P	MARRUPA	MOZ	3730E 1312S	I	100	ND	75	H	3	
175,25	181,25	0	MILANGE	MOZ	3547E 1606S	I	100	ND	38	H	3	
175,25	181,25	0	NAMAACHA	MOZ	3200E 2557S	I	100	D	75	V	3	74/110/120/10
175,25	181,25	0	VASCO DA GAMA	MOZ	3222E 1500S	I	100	ND	150	H	3	
175,25	181,75	0	L	MTN	0545W 1905N	K	100	ND	300	H	2	
175,25	181,75	0	NOUAKCHOTT	MTN	1556W 1814N	K	100	D	300	V	4	74/280/340/10 16/SEN
175,25	181,75	0	O	MTN	0541W 1552N	K	100	D	300	H	3	74/115/175/10
175,25	181,75	8M	SELIBABY	MTN	1208W 1514N	K	1	ND	300	H	4	
175,25	181,75	8M	AGADES	NGR	0759E 1658N	K	100	ND	300	H	3	
175,25	180,75	0	A	NIG	0410E 1300N	B	25	ND	300	H	3	
175,25	180,75	0	C	NIG	1200E 1310N	B	10	D	300	V	3	74/290/70/1
175,25	180,75	0	ILESHA	NIG	0445E 0738N	B	50	ND	75	H	5	
175,25	180,75	8M	CHIPATA	NYA	3355E 1304S	B	200	ND	150	H	3	
175,25	180,75	0	CHIROMO	NYA	3505E 1630S	B	50	ND	150	H	3	
175,25	181,75	0	PETITE ILE	REU	5533E 2119S	K	0,3	ND	700	H	4	
175,25	181,75	0	SAINT ANDRE	REU	5537E 2055S	K	5	ND	300	H	4	
175,25	181,75	0	TROIS BASSINS	REU	5518E 2106S	K	0,3	ND	900	H	4	
175,25	180,75	0	CHINSALI	RHN	3204E 1032S	B	200	ND	150	H	3	
175,25	180,75	0	KASEMPA	RHN	2547E 1323S	B	50	ND	150	H	3	
175,25	180,75	8P	KAWAMBWA	RHN	2905E 0947S	B	200	ND	150	H	3	
175,25	180,75	8P	MONGU	RHN	2308E 1515S	B	200	ND	150	H	3	
175,25	180,75	0	CHIPINGA	RHS	3232E 2012S	B	200	ND	150	H	3	
175,25	180,75	8P	INYANGA	RHS	3248E 1757S	B	200	ND	300	V	3	
175,25	180,75	8M	KAMATIVI MINE	RHS	2700E 1820S	B	200	ND	150	V	3	
175,25	180,75	0	KARIBA	RHS	2847E 1632S	B	200	ND	150	H	3	
175,25	181,75	0	MT KARISIMBI	RRW	2929E 0132S	K	50	ND	2400	H	5	
175,25	180,75	0	EL FACHER	SDN	2520E 1329N	B	100	ND	300	H	3	14
175,25	180,75	0	OMDURMAN	SDN	3235E 1540N	B	100	ND	300	H	3	14
175,25	180,75	0	PORT SOUDAN	SDN	3710E 1935N	B	100	ND	300	H	3	14
175,25	180,75	8P	OUADI HALFA	SDN	3110E 2205N	B	10	ND	150	H	2	14
175,25	181,75	0	DAKAR	SEN	1726W 1440N	K	0,1	ND	300	H	4	16/MTN
175,25	181,75	8M	LINGUERE	SEN	1507W 1524N	K	25	D	300	V	4	74/40/120/1,5

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Image *Vision* Imagen	Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Son *Sound* Sonido												
175,25	180,75	0	BARDERA	SOM	4220E 0221N	B	0,5	ND	180	H	2	
175,25	180,75	0	DUCA D.ABRUZZI	SOM	4530E 0245N	B	0,2	ND	50	H	2	
175,25	180,75	0	DUSA MAREB	SOM	4625E 0530N	B	0,1	ND	80	H	2	
175,25	180,75	0	EHIL	SOM	4950E 0800N	B	0,5	ND	60	H	2	
175,25	180,75	0	HARGHEISA	SOM	4402E 0935N	B	300	D	480	V	2	75/12/30 74/305/330/15
175,25	180,75	0	ODDUR	SOM	4455E 0407N	B	0,5	ND	80	V	2	
175,25	180,75	8M	KABALLAH	SRL	1135W 0935N	B	50	ND	300	H	5	
175,25	181,25	8M	BIG BEND	SWZ	3158E 2647S	I	10	D	300	H	3	74/190/230/0,1
175,25	181,75	0	ADRE	TCD	2211E 1327N	K	100	D	300	H	3	74/45/135/1
175,25	181,75	0	ATI	TCD	1820E 1314N	K	100	ND	300	H	3	
175,25	181,75	0	B	TCD	1532E 1636N	K	100	ND	300	H	3	
175,25	181,75	0	BOL	TCD	1443E 1328N	K	100	D	300	V	3	74/250/290/5
175,25	181,75	8P	BOUSSO	TCD	1625E 1029N	K	100	ND	300	H	3	
175,25	181,75	0	HARAZE	TCD	2054E 0957N	K	100	ND	300	H	5	
175,25	181,75	0	ZOUAR	TCD	1632E 2026N	K	100	ND	300	H	3	
175,25	180,75	0	DAR ES SALAAM	TGK	3915E 0650S	B	100	D	150	H	3	74/135/143/10
175,25	180,75	8M	MASASI	TGK	3850E 1040S	B	100	D	150	H	3	74/95/110/20
175,25	180,75	8P	NJOMBE	TGK	3445E 0920S	B	100	ND	300	H	3	
175,25	180,75	0	TABORA	TGK	3250E 0500S	B	100	ND	150	H	3	
175,25	180,75	0	KAMPALA	UGA	3230E 0020N	B	100	ND	600	H	3	
182,25	187,75	0	ALEXANDRIA	EGY	2952E 3111N	B	30	ND	75	H	2	11
182,25	187,75	8P	DAMIETTA	EGY	3150E 3130N	B	3	ND	75	H	2	12
182,25	187,75	0	GEMSA	EGY	3332E 2741N	B	100	ND	100	V	2	
182,25	187,75	0	ISMAILIA	EGY	3216E 3035N	B	3	ND	75	V	2	12
182,25	187,75	0	MAGHAGHA	EGY	3050E 2838N	B	24	ND	75	H	2	
182,25	187,75	0	ADWA	ETH	3854E 1414N	B	60	ND	1200	H	6	
182,25	187,75	0	ASANDABO	ETH	3734E 0948N	B	10	ND	300	H	6	
182,25	187,75	0	DAGABUR	ETH	4433E 0815N	B	10	ND	150	H	2	
182,25	187,75	0	DESSIE	ETH	3938E 1107N	B	60	ND	300	H	6	
182,25	187,75	0	GHINNIR	ETH	4033E 0700N	B	60	ND	300	H	6	
182,25	187,75	0	GIMMA	ETH	3654E 0742N	B	60	ND	300	H	6	
182,25	187,75	0	GUBBA	ETH	3524E 1115N	B	3	ND	600	H	6	
182,25	187,75	0	KEREN	ETH	3828E 1544N	B	3	ND	300	H	6	
182,25	187,75	0	MAJI	ETH	3536E 0611N	B	10	ND	600	H	2	
182,25	187,75	0	YAVELLO	ETH	3806E 0454N	B	3	ND	600	H	6	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
182,25	187,75	0	ZUQUALA	ETH	3853E 0833N	B	60	ND	1200	H	6	
182,25	187,75	0	MALINDI	KEN	4005E 0315S	B	100	ND	150	H	3	
182,25	187,75	0	TIMBOROA	KEN	3530E 0005N	B	100	ND	150	H	3	
182,25	187,75	8P	MONROVIA	LBR	1049W 0619N	B	50	D	100	H	4	74/324/356/3
182,25	187,75	0	MZUZU	NYA	3400E 1126S	B	200	ND	150	H	3	
182,25	187,75	8P	KAPIRI MPOSHI	RHN	2815E 1410S	B	200	ND	150	H	3	
182,25	187,75	0	NAMWALA	RHN	2630E 1545S	B	200	ND	150	V	3	
182,25	187,75	0	BULAWAYO	RHS	2834E 2012S	B	200	ND	150	V	3	
182,25	187,75	8M	GATOOMA	RHS	2956E 1818S	B	200	ND	150	H	3	
182,25	187,75	0	ABOU HAMED	SDN	3034E 1945N	B	100	ND	300	H	2	14
182,25	187,75	0	MALAKAL	SDN	3148E 0930N	B	100	ND	300	H	3	14
182,25	187,75	0	AFMEDO	SOM	4205E 0030N	B	0,5	ND	60	V	2	
182,25	187,75	0	ALULA	SOM	5047E 1155N	B	0,1	ND	30	H	2	
182,25	187,75	0	BELET UEN	SOM	4511E 0445N	B	1	ND	100	H	2	
182,25	187,75	0	BRAVA	SOM	4402E 0107N	B	0,5	ND	40	H	2	
182,25	187,75	0	ITALA	SOM	4620E 0247N	B	0,5	ND	40	V	2	
182,25	187,75	0	LUGH FERRANDI	SOM	4233E 0350N	B	1	ND	80	V	2	
182,25	187,75	0	BO	SRL	1200W 0852N	B	10	ND	300	V	5	
182,25	187,75	0	IRINGA	TGK	3545E 0750S	B	100	ND	300	H	3	
182,25	187,75	8P	MOSHI	TGK	3720E 0320S	B	100	ND	1200	H	3	
182,25	187,75	0	FORT PORTAL	UGA	3020E 0040N	B	100	ND	300	H	3	
183,25	189,25	0	BETHLEHEM	AFS	2830E 2814S	I	100	ND	300	V	6	
183,25	189,25	8M	BLOUBERG	AFS	2859E 2304S	I	100	ND	300	H	6	
183,25	189,25	8P	EAST LONDON	AFS	2749E 3256S	I	100	ND	300	H	6	
183,25	189,25	0	HEIDELBERG	AFS	2102E 3400S	I	100	D	300	H	1	74/330/30/5
183,25	189,25	8M	MAFEKING	AFS	2538E 2552S	I	1	ND	100	V	6	
183,25	189,25	8M	NONGOMO	AFS	3120E 2757S	I	100	ND	600	H	3	
183,25	189,25	0	NOUPOORT	AFS	2455E 3113S	I	100	ND	300	H	6	
183,25	189,25	8M	RHODES	AFS	2807E 3048S	I	100	D	500	V	6	74/330/30/10
183,25	189,25	8M	SKEURBERG	AFS	2215E 2815S	I	100	ND	300	V	2	
183,25	189,25	8M	STEYTLERVILLE	AFS	2434E 3336S	I	100	ND	300	H	6	
183,25	189,25	0	S12	AFS	1730E 2515S	I	100	ND	300	H	2	
183,25	189,25	8P	S23	AFS	1610E 2235S	I	100	ND	300	H	2	
183,25	189,25	0	S26	AFS	1855E 2225S	I	100	ND	300	H	2	
183,25	189,25	8P	S40	AFS	1335E 1935S	I	100	ND	300	H	2	
183,25	189,25	0	S43	AFS	1630E 1935S	I	100	ND	300	H	2	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Image *Vision* Imagen	Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Son *Sound* Sonido												

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
183,25	189,25	8M	S46	AFS	1940E 1945S	I	100	ND	300	H	2	
183,25	189,25	8P	WARRENTON	AFS	2515E 2816S	I	100	ND	300	H	6	
183,25	189,25	8P	WILLISTON	AFS	2112E 3102S	I	100	ND	300	H	6	
183,25	189,25	8P	CAZOMBO	AGL	2255E 1153S	I	10	ND	75	H	3	
183,25	189,25	8P	CUANGAR	AGL	1831E 1720S	I	100	ND	38	H	3	
183,25	189,25	0	G.MACHADO	AGL	1714E 1203S	I	100	ND	75	H	3	
183,25	189,25	8P	NOVO REDONDO	AGL	1350E 1112S	I	100	ND	75	H	3	
183,25	189,25	0	S.ANT.ZAIRE	AGL	1217E 0606S	I	100	ND	150	V	3	
183,25	189,25	0	SA DA BANDEIRA	AGL	1331E 1456S	I	100	ND	300	H	3	
183,25	189,25	8M	SANZA POMBO	AGL	1600E 0706S	I	100	ND	150	H	3	
183,25	189,25	0	GHANZI	BCH	2140E 2145S	I	10	ND	300	H	2	
183,25	189,75	0	BOUROURI	BDI	2936E 0357S	K	50	ND	100	H	5	14
183,25	189,75	0	CARNOT	CAF	1758E 0458N	K	100	ND	300	H	5	
183,25	189,75	0	OUANDA DJALE	CAF	2246E 0853N	K	100	ND	300	H	5	
183,25	189,75	0	ZEMIO	CAF	2508E 0507N	K	100	ND	300	V	5	
183,25	189,75	0	BUMBA	CGO	2227E 0211N	K	100	ND	300	H	5	
183,25	189,75	0	IKELA	CGO	2305E 0107S	K	100	ND	300	V	3	
183,25	189,75	0	KAHEMBA	CGO	1900E 0730S	K	100	ND	300	V	3	
183,25	189,75	8P	KANIAMA	CGO	2412E 0732S	K	100	ND	300	H	3	
183,25	189,75	0	KAPONGOLO	CGO	2812E 0751S	K	100	ND	300	H	3	
183,25	189,75	8M	KASENGA	CGO	2844E 1017S	K	100	ND	300	V	3	
183,25	189,75	8P	KASONGO TONGON	CGO	2632E 0429S	K	100	ND	300	V	3	
183,25	189,75	0	KIKWIT	CGO	1845E 0505S	K	25	ND	300	H	3	
183,25	189,75	8P	KOLWEZI	CGO	2527E 1047S	K	100	ND	300	V	3	
183,25	189,75	0	LEOPOLDVILLE	CGO	1515E 0420S	K	100	ND	300	H	3	
183,25	189,75	0	LUBEFU	CGO	2425E 0448S	K	25	ND	300	H	3	
183,25	189,75	0	LUBUTU	CGO	2634E 0044S	K	100	ND	300	H	3	
183,25	189,75	0	LUKOLELA	CGO	1711E 0107S	K	100	ND	300	V	3	
183,25	189,75	8M	YASA	CGO	2112E 0341S	K	100	ND	300	H	3	
183,25	189,75	0	BAFOUSSAM	CME	1025E 0527N	K	100	ND	600	H	5	
183,25	189,75	8M	KARANG	CME	1315E 0504N	K	100	ND	300	H	5	
183,25	189,75	8P	NYABESSAM	CME	1025E 0223N	K	150	ND	300	H	5	
183,25	189,75	8P	TCHAMBA	CME	1243E 0840N	K	100	ND	600	H	5	
183,25	189,75	8P	BETOU	COG	1830E 0305N	K	100	D	300	V	5	74/360/60/1
183,25	189,75	0	DALO	COG	1635E 0140N	K	100	ND	300	H	5	
183,25	189,75	8M	DOLISIE	COG	1240E 0410S	K	100	ND	300	H	5	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
183,25	189,75	8P	SOUANKE	COG	1408E 0204N	K	100	D	300	H	5	74/300/60/10
183,25	189,75	0	GR COMORE W	COM	4314E 1145S	K	1	D	300	H	4	74/130/145/0,25 74/215/225/0,25
183,25	189,75	0	KATIOLA	CTI	0511W 0849N	K	100	ND	300	H	5	
183,25	189,75	0	SOUBRE	CTI	0636W 0546N	K	100	ND	300	V	5	
183,25	189,75	8M	KANDI	DAH	0256E 1108N	K	50	ND	300	H	3	
183,25	189,75	0	ETEKE	GAB	1157E 0126S	K	15	ND	300	V	5	
183,25	189,75	8P	LEKONI	GAB	1414E 0135S	K	100	ND	300	H	5	
183,25	189,75	0	OMBOUE	GAB	0916E 0135S	K	150	ND	300	H	5	
183,25	189,75	0	BOLGATANGA	GHA	0050W 1040N	K	50	ND	120	H	5	
183,25	189,75	8P	POTWIA	GHA	0015E 0720N	K	50	D	250	H	5	74/45/135/5
183,25	189,75	8M	SAKPA	GHA	0220W 0856N	K	50	ND	100	H	5	
183,25	189,75	0	BEYLA	GUI	0839W 0842N	K	100	D	300	H	5	74/187/353/1
183,25	189,75	0	CONAKRY	GUI	1327W 0946N	K	100	D	1200	H	4	74/90/270/1 16/SEN
183,25	189,75	8P	DABOLA	GUI	1109W 1046N	K	100	D	600	V	3	74/205/248/1
183,25	189,75	0	KOUNDIAN	GUI	0854W 1055N	K	100	D	300	H	3	75/172/1
183,25	189,75	8P	LEO	HVO	0206W 1153N	K	20	D	300	V	3	74/100/210/1
183,25	189,75	8P	PAMA	HVO	0040E 1119N	K	20	D	300	V	3	74/130/210/2
183,25	189,75	0	ANKAVANDRA	MDG	4521E 1848S	K	100	ND	600	H	3	
183,25	189,75	0	BEFANDRIANA	MDG	4835E 1512S	K	50	D	600	H	3	74/300/305/10
183,25	189,75	0	IAMADABO	MDG	4400E 2216S	K	100	ND	600	H	3	
183,25	189,75	0	MAJUNGA	MDG	4620E 1542S	K	50	D	300	H	3	75/323/2
183,25	189,75	0	TANANARIVE	MDG	4731E 1856S	K	0,5	ND	300	H	3	
183,25	189,75	0	TSITENA	MDG	4710E 2127S	K	10	ND	300	H	3	
183,25	189,75	0	VAVATENINA	MDG	4912E 1728S	K	100	D	300	H	3	74/120/130/5
183,25	189,75	0	B	MLI	0405E 1800N	K	100	ND	300	H	2	
183,25	189,75	8P	KITA	MLI	0931W 1304N	K	100	ND	600	V	3	
183,25	189,75	0	KORO	MLI	0305W 1404N	K	100	ND	300	H	3	
183,25	189,75	8M	SEGOU	MLI	0615W 1326N	K	100	ND	300	V	3	
183,25	189,75	0	TABANKORT	MLI	0015E 1749N	K	100	ND	300	H	2	
183,25	189,25	8P	FUNHALOURO	MOZ	3427E 2307S	I	100	D	75	H	3	74/280/320/10
183,25	189,25	0	MACIA	MOZ	3303E 2501S	I	100	ND	38	H	3	
183,25	189,25	8M	MANICA	MOZ	3552E 1856S	I	100	ND	38	H	3	
183,25	189,25	0	MOSSURIL	MOZ	4042E 1451S	I	100	D	300	V	5	73/30/40/1
183,25	189,25	0	MUTARARA	MOZ	3505E 1727S	I	100	ND	150	H	3	
183,25	189,25	0	PEBANE	MOZ	3807E 1720S	I	100	ND	75	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A — Image / *Vision* / Imagen
1B — Son / *Sound* / Sonido
2 — Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen
3 — Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora
4 — Symbole désignant le pays / *Country symbol* / Símbolo designativo del país
5 — Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora
6 — Système de télévision - *Television system* / Sistema de televisión
7 — Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) / *Maximum effective radiated power: vision (kW) (Sound = 1:5)* / Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)
8 — Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena
9 — Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)
10 — Polarisation du rayonnement / *Polarization of radiation* / Polarización de radiación
11A — Zone climatique / *Climatic zone* / Zona climática
11B — Observations / *Remarks* / Observaciones

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
183,25	189,75	8P	AKJOUJT	MTN	1422W 1945N	K	100	ND	300	V	4	
183,25	189,75	0	BIROUMEL GREIM	MTN	1131W 2508N	K	100	ND	300	H	2	
183,25	189,75	0	EL MILHEAS	MTN	0654W 2453N	K	100	ND	300	H	2	
183,25	189,75	8P	KAEDI	MTN	1330W 1609N	K	10	D	300	V	4	74/195/255/1
183,25	189,75	0	OUALATA	MTN	0701W 1717N	K	100	ND	300	H	3	
183,25	189,75	0	TAMCHAKETT	MTN	1043W 1716N	K	100	ND	300	H	3	
183,25	189,75	8P	FILINGUE	NGR	0319E 1421N	K	100	ND	300	V	3	
183,25	189,75	0	MADAOUA	NGR	0600E 1409N	K	25	D	300	V	3	74/240/185/2,5
183,25	189,75	0	ZINDER	NGR	0859E 1349N	K	100	ND	300	H	3	
183,25	189,75	0	ETANG SALE	REU	5521E 2116S	K	0,3	ND	300	H	4	
183,25	189,75	0	LE PORT	REU	5522E 2054S	K	1	D	600	H	4	75/65/0,1
183,25	189,75	0	DALAFI	SEN	1224W 1340N	K	25	D	300	H	4	74/170/330/1,5 16/GUI
183,25	189,75	0	FANAYE DIERI	SEN	1514W 1632N	K	10	D	300	H	4	74/290/70/5
183,25	189,75	8M	NIORO DU RIP	SEN	1546W 1344N	K	5	ND	300	V	4	
183,25	189,25	0	VICTORIA	SEY	5529E 0443S	I	5	ND	600	H	4	
183,25	189,75	0	DJIBOUTI	SMF	4309E 1135N	K	0,1	ND	75	H	2	
183,25	189,75	0	AOZOU	TCD	1725E 2150N	K	100	ND	300	H	3	
183,25	189,75	0	BILTINE	TCD	2055E 1432N	K	100	ND	300	H	3	
183,25	189,75	0	MANGALME	TCD	1935E 1223N	K	100	ND	600	H	3	
183,25	189,75	0	MASSENYA	TCD	1610E 1124N	K	50	ND	300	H	3	
183,25	189,75	0	MOUNDOU	TCD	1605E 0835N	K	100	ND	300	H	5	
183,25	189,75	0	MOUTOGO	TCD	1846E 0829N	K	100	ND	300	H	5	
183,25	189,75	0	PAGALA	TGO	0053E 0813N	K	100	D	300	V	5	75/270/10
189,25	194,75	8P	CRATER PASS	ADN	4502E 1245N	B	1	ND	150	H	4	13
189,25	194,75	0	CRUZ DE TEJEDA	CNR	1531W 2759N	B	100	ND	300	H	4	
189,25	194,75	0	CAIRO	EGY	3115E 3003N	B	24	ND	190	H	2	11
189,25	194,75	0	EL QUSIYA	EGY	3050E 2726N	B	24	ND	75	H	2	
189,25	194,75	0	KOM OMBO	EGY	3252E 2425N	B	100	ND	150	H	2	
189,25	194,75	8M	NAG HAMMADI	EGY	3118E 2602N	B	100	ND	100	V	2	
189,25	194,75	8P	QUSEIR	EGY	3416E 2607N	B	100	ND	100	H	2	
189,25	194,75	8P	RAS ABU DARAG	EGY	3230E 2924N	B	100	D	100	V	2	75/301/10
189,25	194,75	0	AGORDAT	ETH	3753E 1533N	B	3	ND	300	H	6	
189,25	194,75	0	ASSAB	ETH	4245E 1301N	B	3	ND	150	H	4	
189,25	194,75	0	BONGA	ETH	3614E 0715N	B	10	ND	300	H	6	
189,25	194,75	0	DEMBI DOLLO	ETH	3436E 0836N	B	10	ND	150	H	6	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
189,25	194,75	0	GABREDARRE	ETH	4416E 0645N	B	10	ND	300	H	2	
189,25	194,75	0	HARAR	ETH	4204E 0908N	B	60	ND	600	H	6	
189,25	194,75	8P	METEMMA	ETH	3610E 1257N	B	10	ND	300	H	6	
189,25	194,75	0	NEGHELLI	ETH	3915E 0619N	B	60	ND	600	H	6	
189,25	194,75	0	QUOREM	ETH	3932E 1231N	B	60	ND	1200	H	6	
189,25	194,75	0	SULULTA	ETH	3822E 0919N	B	60	ND	1200	H	6	
189,25	194,75	0	HARPER	LBR	0742W 0423N	B	50	ND	150	H	5	
189,25	194,75	8P	SANNAQUELLA	LBR	0843W 0722N	B	50	ND	300	H	5	
189,25	194,75	0	SEBHA	LBY	1451E 2700N	B	20	ND	150	H	2	
189,25	194,75	0	PT LOUIS	MAU	5730E 2010S	B	5	D	300	H	4	74/225/245/2
189,25	194,75	0	BENIN	NIG	0537E 0619N	B	50	ND	150	H	5	
189,25	194,75	0	ILORIN	NIG	0433E 0832N	B	50	ND	150	V	5	
189,25	194,75	0	JOS	NIG	0852E 0955N	B	50	ND	150	H	5	
189,25	194,75	0	MAIDUGURI	NIG	1305E 1151N	B	100	ND	150	V	3	
189,25	194,75	0	SOKOTO	NIG	0516E 1301N	B	50	ND	150	H	3	
189,25	194,75	0	LIVINGSTONIA	NYA	3355E 1030S	B	200	ND	150	H	3	
189,25	194,75	0	ZOMBA	NYA	3520E 1520S	B	200	ND	600	H	3	
189,25	194,75	8P	BANGWEULU	RHN	3010E 1205S	B	200	ND	150	H	3	
189,25	194,75	0	KAMPALANJE	RHN	2650E 1330S	B	200	ND	150	H	3	
189,25	194,75	8M	MANKOYA	RHN	2448E 1448S	B	200	ND	150	V	3	
189,25	194,75	8M	RUFUNSA	RHN	2935E 1503S	B	200	ND	150	V	3	
189,25	194,75	0	SILUANA	RHN	2302E 1650S	B	200	ND	150	H	3	
189,25	194,75	0	BINGA	RHS	2804E 1734S	B	200	ND	150	H	3	
189,25	194,75	8P	FT VICTORIA	RHS	3049E 2003S	B	200	ND	150	H	3	
189,25	194,75	0	UMTALI	RHS	3237E 1857S	B	200	ND	150	V	3	
189,25	194,75	8P	KURMUK	SDN	3450E 0530N	B	10	ND	300	V	3	14
189,25	194,75	0	MEROOE	SDN	3150E 1810N	B	100	ND	150	H	2	14
189,25	194,75	0	WAD MEDANI	SDN	3330E 1410N	B	100	ND	300	H	3	14
189,25	194,75	0	BUR ACABA	SOM	4405E 0250N	B	0,1	ND	50	H	2	
189,25	194,75	0	EL BUR	SOM	4635E 0442N	B	1	ND	150	V	2	
189,25	194,75	0	GELIB	SOM	4247E 0028N	B	0,1	ND	40	H	2	
189,25	194,75	0	SCUSCIUBAN	SOM	5015E 1015N	B	0,2	ND	85	H	2	
189,25	194,75	0	LUNSAR	SRL	1203W 0841N	B	50	ND	300	H	5	
189,25	194,75	0	MOROGORO	TGK	3740E 0640S	B	100	ND	600	H	3	
189,25	194,75	0	MTWARA	TGK	4010E 1020S	B	100	D	300	H	3	74/100/120/10
189,25	194,75	8P	MWANZA	TGK	3250E 0230S	B	100	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

Image / *Vision* / Imagen — Fréquence nominale (MHz) / *Nominal frequency (Mc/s)* / Frecuencia nominal (Mc/s)

Son / *Sound* / Sonido — Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen

Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora

Symbole désignant le pays / *Country symbol* / Símbolo designativo del país

Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora

Système de télévision - *Television system* / Sistema de televisión

Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) / *Maximum effective radiated power: vision (kW) (Sound = 1:5)* / Potencia radiada apparente máxima: imagen (kW) (Sonido = 1:5)

Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena

Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)

Polarisation du rayonnement / *Polarization of radiation* / Polarización de radiación

Zone climatique / *Climatic zone* / Zona climática

Observations / *Remarks* / Observaciones

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
189,25	194,75	0	KABALE	UGA	3000E 0120S	B	100	ND	150	H	5	
189,25	194,75	0	LIRA	UGA	3255E 0210N	B	100	ND	150	H	3	
191,25	197,25	8M	BEDFORD	AFS	2603E 3239S	I	100	ND	350	V	6	
191,25	197,25	0	C78	AFS	2018E 2735S	I	100	ND	150	H	2	
191,25	197,25	8P	DUBLIN	AFS	3040E 2427S	I	100	ND	750	V	6	
191,25	197,25	8P	DURBAN	AFS	3043E 2946S	I	200	ND	450	H	3	
191,25	197,25	0	DWAALFONTEIN	AFS	2236E 3256S	I	100	ND	300	H	6	
191,25	197,25	8M	JAGGERSPLAAT	AFS	1934E 3002S	I	100	ND	300	H	2	
191,25	197,25	8P	KROONSTAD	AFS	2710E 2725S	I	100	ND	300	V	6	
191,25	197,25	8M	KURUMAN	AFS	2328E 2725S	I	100	ND	300	H	2	
191,25	197,25	8M	MIDDLEWIT	AFS	2710E 2449S	I	100	ND	400	H	6	
191,25	197,25	8P	PIQUETBERG	AFS	1844E 3250S	I	100	ND	200	V	1	
191,25	197,25	8P	PRIESKA	AFS	2241E 3005S	I	100	ND	300	V	6	
191,25	197,25	0	SMITHFIELD	AFS	2629E 2959S	I	100	ND	300	H	6	
191,25	197,25	8P	S4	AFS	1802E 2715S	I	100	ND	300	H	2	
191,25	197,25	0	S15	AFS	1655E 2402S	I	100	ND	300	H	2	
191,25	197,25	8P	S29	AFS	1735E 2140S	I	100	ND	300	H	2	
191,25	197,25	0	S32	AFS	1435E 2110S	I	100	ND	300	H	2	
191,25	197,25	8P	S50	AFS	1400E 1850S	I	100	ND	300	H	2	
191,25	197,25	0	S53	AFS	1802E 1855S	I	100	ND	300	H	2	
191,25	197,25	0	VOLKSRUST	AFS	2950E 2712S	I	100	D	300	V	6	74/40/70/10
191,25	197,25	0	AMBRIZ	AGL	1304E 0750S	I	100	ND	38	H	3	
191,25	197,25	0	CACONDA	AGL	1504E 1344S	I	100	ND	150	H	3	
191,25	197,25	0	CUITO QUANAVAL	AGL	1856E 1456S	I	100	ND	75	H	3	
191,25	197,25	0	NOVA GAIA	AGL	1715E 1006S	I	100	ND	75	H	3	
191,25	197,75	0	ATONGO	CAF	2130E 0549N	K	100	ND	300	H	5	
191,25	197,75	8P	BOUAR	CAF	1531E 0556N	K	100	D	300	V	5	74/305/325/25
191,25	197,75	0	C	CAF	2140E 0950N	K	100	ND	300	H	5	
191,25	197,75	0	DOBANE	CAF	2438E 0628N	K	100	ND	300	H	5	
191,25	197,75	0	ABA	CGO	3015E 0353N	K	100	ND	300	H	5	
191,25	197,75	8M	ALBERTVILLE	CGO	2911E 0554S	K	100	ND	300	H	3	
191,25	197,75	8M	BAKWANGA	CGO	2335E 0609S	K	100	ND	300	V	3	
191,25	197,75	0	BANGURU	CGO	2710E 0030N	K	100	ND	300	V	5	
191,25	197,75	8M	BOLOBO	CGO	1615E 0228S	K	100	ND	300	H	3	
191,25	197,75	8M	BOLOMBA	CGO	1915E 0045N	K	100	ND	300	H	5	
191,25	197,75	0	BONDO	CGO	2348E 0340N	K	100	ND	300	V	5	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
191,25	197,75	8P	BOSENGE	CGO	2220E 0118N	K	100	ND	300	H	5	
191,25	197,75	0	BUNIA	CGO	3012E 0132N	K	100	ND	300	V	5	
191,25	197,75	8M	FESHI	CGO	1808E 0607S	K	100	ND	300	V	3	
191,25	197,75	8M	KINDU	CGO	2555E 0257S	K	100	ND	300	H	3	
191,25	197,75	0	KISENGWA	CGO	2550E 0559S	K	100	ND	300	H	3	
191,25	197,75	0	LIBENGE	CGO	1837E 0338N	K	100	D	300	V	5	74/180/230/10
191,25	197,75	8P	LOKOLAMA	CGO	1953E 0234S	K	100	ND	300	V	3	
191,25	197,75	0	LOTO	CGO	2230E 0248S	K	100	ND	300	V	3	
191,25	197,75	0	MUKANA	CGO	2711E 0918S	K	100	ND	300	V	3	
191,25	197,75	8P	NIANGARA	CGO	2754E 0341N	K	100	ND	300	V	5	
191,25	197,75	0	TSHELA	CGO	1250E 0500S	K	100	ND	300	V	3	
191,25	197,75	8P	TSHIKAPA	CGO	2048E 0628S	K	100	ND	300	H	3	
191,25	197,75	8M	ULAMBA	CGO	2341E 0909S	K	100	ND	300	V	3	
191,25	197,75	8P	UVIRA	CGO	2906E 0322S	K	100	ND	300	V	3	
191,25	197,75	0	YANONGE	CGO	2441E 0037N	K	100	ND	300	H	5	
191,25	197,75	0	BANYO	CME	1150E 0644N	K	100	ND	300	V	5	
191,25	197,75	8P	BIBINDA	CME	1226E 0330N	K	100	ND	300	H	5	
191,25	197,75	0	EDEA	CME	1008E 0347N	K	50	ND	300	H	5	
191,25	197,75	0	MEIGANGA	CME	1416E 0633N	K	100	ND	300	H	5	
191,25	197,75	0	YOKADOUMA	CME	1511E 0325N	K	100	ND	300	H	5	
191,25	197,75	0	MOUALI	COG	1527E 0020N	K	100	ND	300	V	5	
191,25	197,75	0	ZANAGA	COG	1350E 0252S	K	100	ND	300	V	5	
191,25	197,75	0	MOHELI F	COM	4344E 1219S	K	10	D	600	H	4	74/120/180/1 74/250/260/1
191,25	197,75	8P	BOUNA	CTI	0300W 0916N	K	100	ND	300	H	5	
191,25	197,75	0	GUITRI	CTI	0514W 0531N	K	100	ND	300	H	5	
191,25	197,75	0	KORODJIMANE	CTI	0650W 0854N	K	100	ND	600	V	5	
191,25	197,75	8M	PARAKOU	DAH	0238E 0920N	K	100	D	300	H	5	75/90/10
191,25	197,75	0	KANGO	GAB	1005E 0011N	K	10	ND	300	H	5	
191,25	197,75	0	MINA	GAB	1301E 0002N	K	100	ND	300	H	5	
191,25	197,75	0	TCHIBANGA	GAB	1103E 0251S	K	100	ND	300	H	5	
191,25	197,75	8M	FUNSI	GHA	0200W 1017N	K	50	D	100	H	5	74/315/45/5
191,25	197,75	8M	WENCHI	GHA	0210W 0635N	K	50	ND	120	H	5	
191,25	197,25	8P	BISSAU	GNP	1537W 1152N	I	100	ND	75	V	4	
191,25	197,75	0	BANANKORO	GUI	0920W 0908N	K	50	ND	300	H	5	
191,25	197,75	0	MALI	GUI	1217W 1206N	K	100	D	1200	V	3	74/354/213/10

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s) — Image *Vision* Imagen	Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s) — Son *Sound* Sonido	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada apparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
191,25	197,75	0	KOUPELA	HVO	0021W 1211N	K	10	ND	300	V	3	
191,25	197,75	0	SANABA	HVO	0353W 1224N	K	10	ND	600	V	3	
191,25	197,75	0	ANTANIDITRA	MDG	4612E 1653S	K	100	ND	600	H	3	
191,25	197,75	0	ANTSATRANA	MDG	4853E 1543S	K	100	D	600	H	3	74/310/320/10
191,25	197,75	0	MAMPIKONY	MDG	4738E 1605S	K	50	D	300	V	3	74/315/325/5
191,25	197,75	0	MORAMANGA	MDG	4815E 1857S	K	100	D	300	H	3	74/100/110/50
191,25	197,75	0	RANOHIRA	MDG	4523E 2233S	K	100	ND	600	H	3	
191,25	197,75	0	VOHIPANANY	MDG	4735E 2108S	K	500	D	300	V	3	74/90/100/50
191,25	197,75	8M	DIOILA	MLI	0648W 1229N	K	100	ND	300	H	3	
191,25	197,75	0	HOMBORI	MLI	0140W 1515N	K	10	ND	900	H	3	
191,25	197,75	0	J	MLI	0430W 1900N	K	100	ND	300	H	2	
191,25	197,75	0	MABROUK	MLI	0115W 1930N	K	100	ND	300	V	2	
191,25	197,75	0	MENAKA	MLI	0217E 1537N	K	100	ND	300	H	2	
191,25	197,75	0	NARA	MLI	0717W 1510N	K	100	ND	300	H	2	
191,25	197,75	8P	NIAFOUNKE	MLI	0359W 1556N	K	100	ND	300	V	3	
191,25	197,75	0	TAOUDENI	MLI	0358W 2240N	K	100	ND	300	V	2	
191,25	197,75	8P	YELIMANE	MLI	1034W 1507N	K	100	ND	300	H	3	
191,25	197,25	0	L MARQUES	MOZ	3238E 2550S	I	100	ND	150	H	3	
191,25	197,25	8M	MALVERNIA	MOZ	3103E 2220S	I	100	D	75	H	3	74/270/45/10
191,25	197,25	8P	MONTEPUEZ	MOZ	3900E 1308S	I	100	D	75	H	3	74/70/80/10
191,25	197,25	8M	QUELIMANE	MOZ	3653E 1752S	I	100	ND	38	H	5	
191,25	197,25	8M	V JUNQUEIRO	MOZ	3659E 1528S	I	100	ND	150	H	3	
191,25	197,25	0	VILA COUTINHO	MOZ	3419E 1435S	I	100	ND	150	H	3	
191,25	197,75	8P	BOUTILIMIT	MTN	1443W 1734N	K	10	D	300	H	4	74/195/255/1
191,25	197,75	0	IDJIL	MTN	1240W 2240N	K	100	D	300	H	4	74/270/10/10
191,25	197,75	0	TIDJIKJA	MTN	1126W 1833N	K	100	ND	300	H	2	
191,25	197,75	0	SAINT JOSEPH	REU	5536E 2122S	K	0,3	ND	400	H	4	
191,25	197,75	0	BAKEL	SEN	1235W 1458N	K	25	D	300	V	4	74/330/120/1,5 75/173/1,5
191,25	197,75	8M	THIES	SEN	1657W 1446N	K	150	D	300	V	4	74/30/60/100
191,25	197,25	0	JAMESTOWN	SHN	0543W 1536S	I	5	ND	600	H	4	
191,25	197,75	0	D	TCD	1911E 2046N	K	100	ND	300	H	3	
191,25	197,75	0	EGUITIMMI	TCD	1619E 1548N	K	100	ND	300	H	3	
191,25	197,75	0	FADA	TCD	1712E 2130N	K	100	ND	300	H	3	
191,25	197,75	0	FT LAMY	TCD	1504E 1206N	K	100	D	300	H	3	74/245/290/10
191,25	197,75	0	KOUNO	TCD	1740E 0950N	K	100	ND	300	H	5	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
191,25	197,75	8M	LERE	TCD	1413E 0940N	K	100	D	300	H	5	74/180/360/10
191,25	197,75	0	OUM HADJER	TCD	1938E 1316N	K	100	ND	300	H	3	
196,25	201,75	0	GUERA	AOE	1700W 2022N	B	1	ND	75	H	4	
196,25	201,75	8P	BULAQ	EGY	3032E 2513N	B	100	ND	100	H	2	
196,25	201,75	0	FARAFRA	EGY	2753E 2705N	B	100	ND	100	H	2	
196,25	201,75	0	HURGHADA	EGY	3350E 2715N	B	100	ND	100	H	2	
196,25	201,75	0	MANSOURA	EGY	3127E 3109N	B	20	ND	300	H	2	11
196,25	201,75	0	AGAR MARIAM	ETH	3815E 0537N	B	10	ND	600	H	6	
196,25	201,75	0	AMAR COCCHE	ETH	3646E 0510N	B	10	ND	1200	H	2	
196,25	201,75	0	ASOSA	ETH	3441E 1024N	B	10	ND	300	H	6	
196,25	201,75	0	BAHR DAR	ETH	3727E 1120N	B	60	ND	600	H	6	
196,25	201,75	0	BARENTU	ETH	3737E 1507N	B	3	ND	300	H	6	
196,25	201,75	0	BEDELLE	ETH	3621E 0827N	B	10	ND	300	H	6	
196,25	201,75	0	DOLO	ETH	4205E 0410N	B	3	ND	150	H	2	
196,25	201,75	0	MAKALE	ETH	3926E 1331N	B	60	ND	150	H	6	
196,25	201,75	0	SIRE	ETH	3930E 0817N	B	60	ND	300	H	6	
196,25	201,75	0	MONTE ALEN	GNE	1019E 0148N	B	1	ND	600	H	5	
196,25	201,75	8M	MONROVIA	LBR	1049W 0619N	B	100	D	100	H	4	75/171/10
196,25	201,75	0	GHAT	LBY	1020E 2455N	B	20	ND	150	H	2	
196,25	201,75	0	KATSINA	NIG	0738E 1300N	B	25	ND	150	H	3	
196,25	201,75	0	MINNA	NIG	0630E 0936N	B	50	ND	150	H	5	
196,25	201,75	0	YOLA	NIG	1229E 0910N	B	50	ND	150	H	5	
196,25	201,75	0	KASAMA	RHN	3110E 1012S	B	200	ND	150	H	3	
196,25	201,75	0	LIVINGSTONE	RHN	2558E 1753S	B	200	ND	150	H	3	
196,25	201,75	8M	LUNDAZI	RHN	3310E 1215S	B	200	ND	150	H	3	
196,25	201,75	8M	MAGOYE	RHN	2735E 1601S	B	200	ND	150	V	3	
196,25	201,75	8P	MKUSHI	RHN	2925E 1335S	B	200	ND	150	H	3	
196,25	201,75	0	NTAMBU	RHN	2508E 1240S	B	200	ND	150	V	3	
196,25	201,75	8P	GWELO	RHS	2956E 1931S	B	200	ND	150	V	3	
196,25	201,75	0	SALISBURY	RHS	3104E 1747S	B	200	ND	300	H	3	
196,25	201,75	0	OUAOU	SDN	2800E 0735N	B	100	ND	300	H	5	14
196,25	201,75	8P	SENGA	SDN	3350E 1335N	B	10	ND	300	H	3	14
196,25	201,75	0	GALCAIO	SOM	4725E 0645N	B	0,5	ND	180	H	2	
196,25	201,75	0	MOGADISCIO	SOM	4522E 0205N	B	300	ND	200	H	2	
196,25	201,75	8P	KENEMA	SRL	1110W 0750N	B	50	ND	300	V	5	
196,25	201,75	0	MAKENI	SRL	1200W 0852N	B	10	ND	150	V	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
196,25	201,75	8M	LUSHOTO	TGK	3810E 0452S	B	100	ND	600	H	3	
196,25	201,75	0	MAFIA	TGK	3935E 0755S	B	100	D	150	H	3	74/130/145/10
196,25	201,75	8P	MBEYA	TGK	3330E 0850S	B	100	ND	1200	V	3	
196,25	201,75	8M	MASAKA	UGA	3145E 0020S	B	100	ND	150	H	3	
196,25	201,75	0	MBALE	UGA	3410E 0105N	B	100	ND	600	H	3	
199,25	205,25	0	BREDASDORP	AFS	1954E 3432S	I	100	ND	300	H	1	
199,25	205,25	8M	CALA	AFS	2744E 3142S	I	100	ND	300	V	6	
199,25	205,25	0	C91	AFS	2212E 2632S	I	100	ND	150	H	2	
199,25	205,25	8P	JOHANNESBURG	AFS	2800E 2612S	I	200	ND	300	H	6	
199,25	205,25	8M	KENHARDT	AFS	2127E 2910S	I	100	ND	300	H	2	
199,25	205,25	8P	KIMBERLEY	AFS	2457E 2905S	I	100	ND	300	V	6	
199,25	205,25	0	KOSIES	AFS	1735E 2905S	I	100	ND	350	V	2	
199,25	205,25	0	LADYSMITH	AFS	2947E 2832S	I	1	ND	150	V	3	
199,25	205,25	8M	MADIBOGO	AFS	2515E 2627S	I	100	ND	300	H	2	
199,25	205,25	0	NEW BETHESDA	AFS	2432E 3145S	I	100	ND	300	H	6	
199,25	205,25	8P	POTGIETERSRUST	AFS	2915E 2410S	I	100	ND	600	H	6	
199,25	205,25	8P	SNYERSPOST	AFS	2051E 3204S	I	100	ND	300	V	6	
199,25	205,25	0	S7	AFS	1630E 2635S	I	100	ND	300	H	2	
199,25	205,25	8P	S10	AFS	1935E 2640S	I	100	ND	300	H	2	
199,25	205,25	8P	S18	AFS	1530E 2310S	I	100	ND	300	H	2	
199,25	205,25	0	S21	AFS	1835E 2310S	I	100	ND	300	H	2	
199,25	205,25	0	S35	AFS	1620E 2025S	I	100	ND	300	H	2	
199,25	205,25	8M	S38	AFS	1908E 2035S	I	100	ND	300	H	2	
199,25	205,25	8M	S57	AFS	1340E 1810S	I	100	ND	300	H	2	
199,25	205,25	8P	S60	AFS	1630E 1805S	I	100	ND	300	V	2	
199,25	205,25	0	S63	AFS	1930E 1802S	I	100	ND	300	V	2	
199,25	205,25	8P	HENRI CARVALHO	AGL	2023E 0939S	I	100	ND	38	H	3	
199,25	205,25	8M	MAVINGA	AGL	2016E 1530S	I	100	ND	75	H	3	
199,25	205,25	0	MT VERDE	AGL	1641E 0836S	I	100	ND	150	H	3	
199,25	205,25	0	NOVA LISBOA	AGL	1540E 1250S	I	100	ND	600	H	3	
199,25	205,25	0	SALVADOR	AGL	1415E 0616S	I	100	D	150	H	3	74/300/60/50
199,25	205,25	0	VILA ROCADAS	AGL	1458E 1645S	I	100	ND	75	H	3	
199,25	205,25	0	LERIBE	BAS	2800E 2845S	I	10	D	300	V	3	74/40/90/0,5
199,25	205,25	0	TSHANE	BCH	2150E 2400S	I	10	ND	300	H	2	
199,25	205,75	0	KITORA	BDI	3025E 0240S	K	50	ND	100	H	5	14
199,25	205,75	0	B	CAF	2330E 0810N	K	100	ND	300	H	5	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
199,25	205,75	0	BAMINGUI	CAF	2009E 0731N	K	100	ND	300	V	5	
199,25	205,75	0	BANGASSOU	CAF	2250E 0444N	K	100	ND	300	V	5	
199,25	205,75	8P	BODA	CAF	1730E 0422N	K	100	ND	300	H	5	
199,25	205,75	0	KOUANGO	CAF	1958E 0459N	K	100	ND	300	H	5	
199,25	205,75	8P	BUSU MELO	CGO	2005E 0144N	K	100	ND	300	V	5	
199,25	205,75	0	DAKWA	CGO	2631E 0401N	K	100	ND	300	V	5	
199,25	205,75	0	DILOLO	CGO	2227E 1028S	K	100	ND	300	H	3	
199,25	205,75	0	DUYE	CGO	2858E 0149N	K	100	ND	300	H	5	
199,25	205,75	0	GOMA	CGO	2914E 0141S	K	100	ND	300	H	3	
199,25	205,75	0	INONGO	CGO	1816E 0156S	K	100	ND	300	V	3	
199,25	205,75	0	JADOTVILLE	CGO	2644E 1059S	K	100	ND	300	H	3	
199,25	205,75	0	KABAMBARE	CGO	2739E 0441S	K	100	ND	300	H	3	
199,25	205,75	0	KABONGO	CGO	2535E 0720S	K	25	ND	300	V	3	
199,25	205,75	8P	KENGE	CGO	1655E 0450S	K	25	ND	300	V	3	
199,25	205,75	0	KISABI	CGO	2910E 0804S	K	25	ND	300	V	3	
199,25	205,75	8M	LUISA	CGO	2227E 0711S	K	100	ND	300	V	3	
199,25	205,75	0	MOKARIA	CGO	2319E 0159N	K	100	ND	300	H	5	
199,25	205,75	0	MWEKA	CGO	2134E 0451S	K	100	ND	300	H	3	
199,25	205,75	0	OPALA	CGO	2430E 0037S	K	100	ND	300	V	3	
199,25	205,75	8M	SHABUNDA	CGO	2720E 0241S	K	100	ND	300	V	3	
199,25	205,75	8P	BAFIA	CME	1200E 0446N	K	100	ND	300	V	5	
199,25	205,75	8M	BERTOUA	CME	1341E 0433N	K	100	ND	300	V	5	
199,25	205,75	0	EKONAKO	CME	0841E 0501N	K	100	ND	300	H	5	16/NIG
199,25	205,75	0	POLI	CME	1315E 0829N	K	50	D	600	V	5	74/350/270/2
199,25	205,75	0	BRAZZAVILLE	COG	1515E 0417S	K	100	ND	300	H	5	
199,25	205,75	8P	GAMBOMA	COG	1552E 0157S	K	25	ND	300	V	5	
199,25	205,75	0	IMPFONDO	COG	1803E 0140N	K	100	ND	300	H	5	
199,25	205,75	0	ZALANGOYE	COG	1444E 0127N	K	100	ND	300	V	5	
199,25	205,75	0	GR COMORE N	COM	4317E 1125S	K	0,1	ND	300	H	4	
199,25	205,75	0	MAYOTTE	COM	4509E 1252S	K	10	D	600	H	4	74/75/190/1 74/260/270/1
199,25	205,75	0	MOHELI W	COM	4340E 1221S	K	0,1	ND	300	V	4	
199,25	205,75	0	MT TONKOUI	CTI	0738W 0727N	K	150	ND	600	H	5	
199,25	205,75	0	TANFROFROU	CTI	0407W 0618N	K	1	ND	300	H	5	
199,25	205,75	0	ATCHERIGBE	DAH	0205E 0735N	K	100	ND	300	H	5	
199,25	205,75	0	TANGUIETA	DAH	0118E 1036N	K	100	D	300	H	3	74/270/360/10

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s) Image *Vision* Imagen	Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s) Son *Sound* Sonido	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
199,25	205,75	8M	KOULAMOUTOU	GAB	1333E 0136S	K	100	ND	300	H	5	
199,25	205,75	8P	OYEM	GAB	1136E 0140N	K	150	D	300	H	5	74/260/320/1,5
199,25	205,75	0	BANTALA	GHA	0145W 0940N	K	50	ND	100	V	5	
199,25	205,75	8P	WIAWSO	GHA	0229W 0616N	K	50	ND	120	V	5	
199,25	205,75	8P	SANISSIA	GUI	1019W 1047N	K	100	ND	300	V	3	
199,25	205,75	8M	TELIMELE	GUI	1304W 1052N	K	100	ND	600	H	3	
199,25	205,75	0	ITITINGA	HVO	0201W 1350N	K	100	ND	300	V	3	
199,25	205,75	8P	NIANGOLOKO	HVO	0455W 1017N	K	10	ND	300	H	3	
199,25	205,75	0	ANDRANOMAVO	MDG	4533E 1634S	K	3,5	ND	300	V	3	
199,25	205,75	0	ANTALAHA	MDG	5016E 1454S	K	100	D	300	H	3	74/140/150/10
199,25	205,75	0	ISEKENY	MDG	4456E 1909S	K	100	ND	300	H	3	
199,25	205,75	0	MANIVALO	MDG	4621E 2227S	K	100	ND	600	H	3	
199,25	205,75	0	MIARINARIVO	MDG	4814E 1637S	K	50	ND	300	H	3	
199,25	205,75	0	MORONGA	MDG	4916E 1806S	K	50	D	300	V	3	74/110/120/10
199,25	205,75	0	TSIÁFAJAVONA	MDG	4716E 1920S	K	50	ND	600	H	3	
199,25	205,75	0	TULEAR	MDG	4346E 2328S	K	50	ND	300	H	3	
199,25	205,75	8P	GOURMA RHAROUS	MLI	0155W 1653N	K	100	ND	300	H	3	
199,25	205,75	8M	KENIEBA	MLI	1112W 1251N	K	100	ND	600	H	3	
199,25	205,75	0	KOLOKANI	MLI	0802W 1335N	K	100	ND	300	V	3	
199,25	205,75	0	SAN	MLI	0453W 1318N	K	100	ND	300	H	3	
199,25	205,25	0	ALTO MOLOQUE	MOZ	3745E 1530S	I	100	ND	150	H	3	
199,25	205,25	8M	BEIRA	MOZ	3451E 1950S	I	100	ND	75	H	3	
199,25	205,25	8P	PORTO AMELIA	MOZ	4029E 1258S	I	100	D	38	H	5	74/130/90/1
199,25	205,25	8P	SAUTE	MOZ	3255E 2218S	I	100	ND	75	H	3	
199,25	205,25	0	VILA GOUVEIA	MOZ	3310E 1804S	I	100	D	150	H	3	74/200/300/10
199,25	205,25	0	VILA JOAO BELO	MOZ	3338E 2503S	I	100	ND	75	H	3	
199,25	205,75	0	AIOUN ATROUS	MTN	0935W 1640N	K	100	ND	300	H	3	
199,25	205,75	0	ATAR	MTN	1306W 2030N	K	10	ND	300	V	4	
199,25	205,75	0	H	MTN	0536W 2505N	K	100	ND	300	H	2	
199,25	205,75	0	K	MTN	0546W 2040N	K	100	ND	300	H	2	
199,25	205,75	8M	MBOUT	MTN	1235W 1601N	K	10	ND	300	V	4	
199,25	205,75	0	N	MTN	0542W 1703N	K	100	ND	300	V	3	
199,25	205,75	0	DOGONDOUTCHI	NGR	0400E 1340N	K	100	ND	300	H	3	
199,25	205,75	0	GOURE	NGR	1016E 1401N	K	100	ND	300	V	3	
199,25	205,75	8M	KOKORO	NGR	0056E 1412N	K	25	ND	300	V	3	
199,25	205,75	8P	MARADI	NGR	0706E 1331N	K	100	D	300	V	3	74/300/330/2,5

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
199,25	205,75	0	PITONHYACINTHE	REU	5533E 2119S	K	1	ND	600	H	4	
199,25	205,75	0	SAINTE ROSE	REU	5550E 2108S	K	0,5	ND	300	H	4	
199,25	205,75	0	SAINT GILLES	REU	5515E 2102S	K	0,3	ND	300	H	4	
199,25	205,75	0	AERE LAD	SEN	1420W 1624N	K	15	D	300	H	4	74/310/60/5
199,25	205,75	8P	ST LOUIS	SEN	1629W 1600N	K	0,1	ND	300	V	4	
199,25	205,75	8P	VELINGARA	SEN	1406W 1309N	K	50	D	300	H	4	74/110/160/5
199,25	205,75	0	ZIGUINCHOR	SEN	1615W 1235N	K	150	D	300	H	4	74/330/60/15. 74/120/220/2
199,25	205,75	0	ARTA	SMF	4250E 1131N	K	100	D	700	H	2	74/85/105/50
199,25	205,25	0	HAVELOCK	SWZ	3158E 2557S	I	10	ND	300	V	3	
199,25	205,75	0	AM TIMAN	TCD	2017E 1103N	K	100	ND	300	H	3	
199,25	205,75	8P	BAIBOKOUM	TCD	1540E 0744N	K	100	ND	600	H	5	
199,25	205,75	0	MELFI	TCD	1754E 1104N	K	100	ND	600	H	3	
199,25	205,75	0	RIG RIG	TCD	1421E 1416N	K	100	ND	300	H	3	
203,25	208,75	8P	ALEXANDRIA	EGY	2952E 3111N	B	30	ND	75	H	2	12
203,25	208,75	8M	ASWAN	EGY	3257E 2404N	B	135	D	100	H	2	75/340/50
203,25	208,75	0	CAIRO	EGY	3115E 3003N	B	24	D	190	H	2	75/49/2,4 12
203,25	208,75	0	EL MINYA	EGY	3035E 2805N	B	24	ND	75	V	2	
203,25	208,75	8P	EL QASSASSIN	EGY	3156E 3034N	B	2	D	75	V	2	75/136/0,4 12
203,25	208,75	0	ISNA	EGY	3230E 2517N	B	100	D	100	H	2	75/159/50
203,25	208,75	0	RAS GHAREB	EGY	3318E 2806N	B	100	ND	100	H	2	
203,25	208,75	8P	SOHAG	EGY	3143E 2627N	B	100	ND	150	H	2	
203,25	208,75	8M	SUEZ	EGY	3231E 3000N	B	5	D	75	V	2	75/317/0,5
203,25	208,75	0	ADIGRAT	ETH	3929E 1416N	B	3	ND	150	H	6	
203,25	208,75	0	AGARSELAM	ETH	3831E 0630N	B	60	ND	600	H	6	
203,25	208,75	0	AGIBAR	ETH	3837E 1036N	B	10	ND	150	H	6	
203,25	208,75	0	CALLAFO	ETH	4413E 0536N	B	10	D	150	V	2	74/150/270/0,5
203,25	208,75	0	GHIMBI	ETH	3549E 0911N	B	10	ND	300	H	6	
203,25	208,75	0	GHION	ETH	3756E 0837N	B	60	ND	1200	H	6	
203,25	208,75	0	GURRAFARDA	ETH	3456E 0651N	B	10	ND	600	H	6	
203,25	208,75	0	MEGA	ETH	3819E 0404N	B	3	ND	600	H	2	
203,25	208,75	0	NAKFA	ETH	3825E 1636N	B	60	ND	150	H	2	
203,25	208,75	8P	GREENVILLE	LBR	0902W 0501N	B	50	D	100	V	4	75/349/5
203,25	208,75	0	HUN	LBY	1554E 2910N	B	20	ND	150	H	2	
203,25	208,75	0	GUSAU	NIG	0627E 1212N	B	50	ND	150	H	3	
203,25	208,75	0	LOKOJA	NIG	0643E 0748N	B	25	ND	150	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s) — Image *Vision* Imagen	Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s) — Son *Sound* Sonido	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada apparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
203,25	208,75	0	DEDZA	NYA	3420E 1407S	B	200	ND	150	H	3	
203,25	208,75	0	IBOLELO	RHN	2406E 1605S	B	200	ND	150	H	3	
203,25	208,75	0	KITWE	RHN	2813E 1247S	B	200	ND	150	H	3	
203,25	208,75	8P	LUSANGO S	RHN	2600E 1440S	B	200	ND	150	V	3	
203,25	208,75	8P	MPIKA	RHN	3125E 1150S	B	200	ND	150	V	3	
203,25	208,75	0	NAKONDE	RHN	3247E 0916S	B	200	ND	150	H	3	
203,25	208,75	8M	PETAUKE	RHN	3115E 1415S	B	200	ND	150	H	3	
203,25	208,75	8P	BELINGUE	RHS	2955E 2038S	B	100	ND	150	V	3	
203,25	208,75	0	COPPER QUEEN	RHS	2920E 1722S	B	200	ND	150	H	3	
203,25	208,75	8P	KASSALA	SDN	3620E 1520N	B	10	ND	300	H	3	14
203,25	208,75	0	YAMBIO	SDN	2825E 0435N	B	10	ND	300	H	5	14
203,25	208,75	0	ISCIA BAIDOA	SOM	4340E 0308N	B	300	ND	320	H	2	
203,25	208,75	0	OBBIA	SOM	4830E 0520N	B	0,5	ND	70	H	2	
203,25	208,75	0	UAR MEDO	SOM	4945E 1120N	B	100	D	1280	V	2	74/265/280/50
203,25	208,75	0	FREETOWN	SRL	1317W 0830N	B	50	D	150	H	5	74/179/209/0,5
203,25	208,75	0	SEFADU	SRL	1059W 0840N	B	10	ND	300	H	5	
203,25	208,75	0	ARUSHA	TGK	3640E 0320S	B	100	ND	600	H	3	
203,25	208,75	8P	BUKOBA	TGK	3150E 0120S	B	100	ND	300	H	3	
203,25	208,75	8M	SHINYANGA	TGK	3325E 0340S	B	100	ND	150	H	3	
203,25	208,75	8M	SONGEA	TGK	3540E 1035S	B	100	ND	150	H	3	
203,25	208,75	0	GULU	UGA	3220E 0248N	B	100	ND	150	H	3	
207,25	213,25	8P	BELFAST	AFS	3003E 2525S	I	100	ND	350	H	6	
207,25	213,25	8M	BITTERFONTEIN	AFS	1831E 3056S	I	100	ND	300	H	1	
207,25	213,25	8P	C.TOWN MINOR	AFS	1824E 3357S	I	1	ND	1000	V	1	
207,25	213,25	8P	CARNARVON	AFS	2229E 3058S	I	100	ND	300	H	6	
207,25	213,25	8M	CLIFTON	AFS	2328E 2818S	I	100	ND	300	V	6	
207,25	213,25	0	C100	AFS	2335E 2550S	I	100	ND	150	H	2	
207,25	213,25	0	GEORGE	AFS	2214E 3355S	I	100	ND	300	H	1	
207,25	213,25	0	GLENCOE	AFS	2956E 2809S	I	100	ND	300	V	3	
207,25	213,25	8M	PT ELIZABETH	AFS	2533E 3356S	I	100	ND	300	V	6	
207,25	213,25	8P	PT SHEPSTONE	AFS	3017E 3044S	I	100	ND	300	H	6	
207,25	213,25	8M	SIBASA	AFS	3013E 2250S	I	10	ND	450	V	6	
207,25	213,25	8P	S1	AFS	1800E 2820S	I	100	ND	300	V	2	
207,25	213,25	8P	S13	AFS	1850E 2510S	I	100	ND	300	H	2	
207,25	213,25	8P	S41	AFS	1420E 1950S	I	100	ND	300	H	2	
207,25	213,25	0	S44	AFS	1740E 1940S	I	100	ND	300	H	2	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
207,25	213,25	8M	S47	AFS	2040E 1945S	I	100	ND	300	H	2	
207,25	213,25	0	TOUWS RIVER	AFS	2002E 3320S	I	10	ND	100	H	6	
207,25	213,25	0	VENTERSTAD	AFS	2542E 3057S	I	100	ND	300	V	6	
207,25	213,25	8P	WELKOM	AFS	2635E 2812S	I	100	ND	300	H	6	
207,25	213,25	8P	WINDHOEK	AFS	1710E 2240S	I	100	ND	300	H	2	
207,25	213,25	0	ALJUSTREL	AGL	1950E 1340S	I	100	ND	75	H	3	
207,25	213,25	0	MOCAMEDES	AGL	1214E 1522S	I	100	ND	300	H	3	
207,25	213,25	8P	SALAZAR	AGL	1454E 0918S	I	100	ND	300	H	3	
207,25	213,25	0	MAHALAPYE	BCH	2645E 2310S	I	10	ND	300	H	2	
207,25	213,25	8P	MAUN	BCH	2330E 2200S	I	10	ND	300	H	2	
207,25	213,75	0	BIRAO	CAF	2247E 1016N	K	100	D	300	H	5	74/310/330/25
207,25	213,75	0	BOZOUM	CAF	1624E 0620N	K	100	ND	300	V	5	
207,25	213,75	0	BRIA	CAF	2155E 0630N	K	100	ND	300	H	5	
207,25	213,75	0	DJEMA	CAF	2515E 0608N	K	100	ND	300	H	5	
207,25	213,75	8P	FT SIBUT	CAF	1905E 0544N	K	100	ND	300	H	5	
207,25	213,75	0	BANNINGVILLE	CGO	1720E 0317S	K	100	ND	300	H	3	
207,25	213,75	0	BIGI	CGO	2225E 0302N	K	100	ND	300	V	5	
207,25	213,75	0	BOENDE	CGO	2057E 0019S	K	100	ND	300	H	3	
207,25	213,75	0	GEMENA	CGO	1946E 0317N	K	100	ND	300	H	5	
207,25	213,75	0	GOMBARI	CGO	2903E 0243N	K	100	ND	300	V	5	
207,25	213,75	0	KABALO	CGO	2654E 0602S	K	100	ND	300	V	3	
207,25	213,75	8M	KABINDA	CGO	2426E 0608S	K	100	ND	300	H	3	
207,25	213,75	8P	KILWA	CGO	2809E 0908S	K	100	ND	300	V	3	
207,25	213,75	8M	KISANDJI	CGO	1916E 0618S	K	100	ND	300	V	3	
207,25	213,75	0	LODJA	CGO	2331E 0332S	K	100	ND	300	V	3	
207,25	213,75	0	LUBERO	CGO	2913E 0010S	K	100	ND	300	H	3	
207,25	213,75	8M	LUBUDI	CGO	2559E 0958S	K	100	ND	300	V	3	
207,25	213,75	0	MBOI	CGO	2154E 0656S	K	100	ND	300	H	3	
207,25	213,75	8P	PANGI	CGO	2638E 0315S	K	25	ND	300	V	3	
207,25	213,75	0	STANLEYVILLE	CGO	2511E 0030N	K	100	ND	300	H	5	
207,25	213,75	0	TITULE	CGO	2532E 0314N	K	100	ND	300	V	5	
207,25	213,75	8P	BAMENDA	CME	1009E 0556N	K	100	ND	300	V	5	
207,25	213,75	8M	LOLODORF	CME	1044E 0314N	K	100	ND	300	H	5	
207,25	213,75	0	LOMIE	CME	1338E 0310N	K	100	ND	300	H	5	
207,25	213,75	0	TIBATI	CME	1237E 0627N	K	100	ND	300	H	5	
207,25	213,75	0	BOKATA	COG	1710E 0027S	K	100	ND	300	V	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

174-223 MHz Mc/s BT

Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)		Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Image *Vision* Imagen	Son *Sound* Sonido											

174-223 MHz Mc/s BT

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
207,25	213,75	0	KIBANGOU	COG	1225E 0328S	K	50	ND	300	H	5	
207,25	213,75	8M	LOPI	COG	1640E 0255N	K	100	D	300	H	5	74/350/10/20
207,25	213,75	8P	PANGALA	COG	1435E 0325S	K	100	ND	300	H	5	
207,25	213,75	0	ANJOUAN S	COM	4430E 1219S	K	1	D	900	H	4	75/90/0,25
207,25	213,75	0	ABIDJAN	CTI	0401W 0526N	K	100	ND	300	H	5	
207,25	213,75	0	MT NIANGBO	CTI	0511W 0849N	K	100	ND	600	H	5	
207,25	213,75	0	NDJOLE	GAB	1044E 0011S	K	100	D	300	H	5	74/220/240/25
207,25	213,75	0	OKONDJA	GAB	1347E 0040S	K	10	ND	300	H	5	
207,25	213,75	8P	PT GENTIL	GAB	0842E 0042S	K	150	ND	300	H	5	
207,25	213,75	8M	AJANGOTE	GHA	0020W 0545N	K	50	ND	300	H	5	
207,25	213,75	0	WULEHE	GHA	0000W 0832N	K	50	D	100	V	5	74/45/135/3
207,25	213,75	8P	BOKE	GUI	1418W 1056N	K	50	D	300	H	4	74/140/160/1
207,25	213,75	0	MDN GADAOUNDOU	GUI	1134W 1151N	K	100	ND	300	H	3	
207,25	213,75	0	SORIBADOUGOU	GUI	0825W 0912N	K	100	ND	300	H	5	
207,25	213,75	0	BADINGA	HVO	0041E 1205N	K	10	ND	300	H	3	
207,25	213,75	0	TITA	HVO	0231W 1156N	K	100	ND	300	H	3	
207,25	213,75	0	BENENITRA	MDG	4509E 2325S	K	100	ND	600	H	3	
207,25	213,75	0	DIEGO SUAREZ	MDG	4908E 1236S	K	10	D	1200	H	3	74/273/278/0,1
207,25	213,75	0	KARIANGA	MDG	4723E 2225S	K	50	ND	300	H	3	
207,25	213,75	0	MAEVATANANA	MDG	4649E 1658S	K	50	D	300	H	3	74/335/340/5
207,25	213,75	0	POSTEROMARTINA	MDG	4600E 1935S	K	100	ND	600	H	3	
207,25	213,75	0	AGUELHOC	MLI	0045E 1930N	K	100	ND	300	H	2	
207,25	213,75	0	ARAOUANE	MLI	0330W 1855N	K	100	ND	300	H	2	
207,25	213,75	0	DOUENTZA	MLI	2058W 1458N	K	100	ND	600	V	3	
207,25	213,75	0	F	MLI	0255W 2255N	K	100	ND	300	H	2	
207,25	213,75	8P	NIORO	MLI	0936W 1513N	K	100	ND	300	H	2	
207,25	213,75	8M	SIKASSO	MLI	0557W 1110N	K	100	ND	600	V	3	
207,25	213,75	0	SOKOLO	MLI	0608W 1445N	K	100	ND	300	H	2	
207,25	213,25	0	CANICADO	MOZ	3301E 2430S	I	100	ND	38	H	3	
207,25	213,25	0	CHINDE	MOZ	3628E 1835S	I	100	ND	38	H	5	
207,25	213,25	8M	MUEDA	MOZ	3933E 1140S	I	100	D	300	H	3	74/95/100/10
207,25	213,25	0	NOVA FREIXO	MOZ	3632E 1459S	I	100	ND	75	H	3	
207,25	213,25	0	TETE	MOZ	3335E 1610S	I	100	ND	38	H	3	
207,25	213,25	0	VILANCULOS	MOZ	3519E 2200S	I	100	ND	75	H	3	
207,25	213,75	0	ALEG	MTN	1351W 1703N	K	10	ND	300	H	4	
207,25	213,75	0	B	MTN	1432W 2120N	K	10	ND	300	H	4	

174-223 MHz Mc/s BT

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
207,25	213,75	0	E	MTN	1105W 2555N	K	10	ND	300	H	2	
207,25	213,75	0	J	MTN	0658W 2222N	K	10	ND	300	H	2	
207,25	213,75	0	TICHIT	MTN	0929W 1829N	K	100	ND	300	H	2	
207,25	213,75	8M	BOUMBA	NGR	0251E 1225N	K	25	ND	300	V	3	
207,25	213,75	0	SAINT DENIS	REU	5526E 2053S	K	1	ND	600	H	4	
207,25	213,75	0	SAINT LEU	REU	5518E 2112S	K	0,3	ND	400	H	4	
207,25	213,75	0	AKIRABO	RRW	2917E 0226S	K	25	ND	1200	H	5	
207,25	213,75	8P	KAOLACK	SEN	1607W 1410N	K	100	ND	300	V	4	
207,25	213,75	8P	AM DAM	TCD	2028E 1246N	K	100	ND	300	H	3	
207,25	213,75	0	E	TCD	2037E 2021N	K	100	ND	300	H	3	
207,25	213,75	0	FT ARCHAMBAULT	TCD	1824E 0909N	K	100	ND	300	V	5	
207,25	213,75	0	I	TCD	2247E 1623N	K	100	ND	300	H	3	
207,25	213,75	0	KELO	TCD	1548E 0925N	K	100	ND	300	H	5	
207,25	213,75	0	MASSOKORY	TCD	1544E 1300N	K	100	ND	300	H	3	
207,25	213,75	0	BASSARI	TGO	0046E 0914N	K	100	D	300	H	5	75/270/10
207,25	213,75	0	LOME	TGO	0113E 0608N	K	100	D	300	V	5	75/270/15
210,25	215,75	0	BARRACK HILL	ADN	4459E 1247N	B	5	D	150	H	4	75/244/2 13
210,25	215,75	0	AAIUN	AOE	1318W 2710N	B	1	ND	75	H	4	
210,25	215,75	0	BARIS	EGY	3037E 2440N	B	100	ND	100	H	2	
210,25	215,75	0	BAWITI	EGY	2850E 2822N	B	100	ND	100	H	2	
210,25	215,75	0	PORT SAID	EGY	3216E 3116N	B	30	ND	75	H	2	12
210,25	215,75	0	SHARM EL SHEIK	EGY	3415E 2752N	B	100	ND	100	H	2	
210,25	215,75	0	ADI ARKAI	ETH	3756E 1332N	B	10	ND	600	H	6	
210,25	215,75	0	BEICA	ETH	3431E 0920N	B	3	ND	150	H	6	
210,25	215,75	0	CONSO-HOFA	ETH	3733E 0507N	B	60	ND	600	H	6	
210,25	215,75	0	ISMALAGHIORGIS	ETH	3655E 1136N	B	60	ND	600	H	6	
210,25	215,75	0	LEKEMPTI	ETH	3645E 0910N	B	60	ND	1200	H	6	
210,25	215,75	0	OM HAGER	ETH	3639E 1418N	B	3	ND	150	H	6	
210,25	215,75	0	SHASHAMANE	ETH	3835E 0712N	B	60	ND	1200	H	6	
210,25	215,75	0	TENDAHO	ETH	4057E 1142N	B	3	ND	600	H	2	
210,25	215,75	0	WARDARE	ETH	4523E 0659N	B	3	ND	150	H	2	
210,25	215,75	0	NYERI	KEN	3655E 0025S	B	100	ND	300	H	3	
210,25	215,75	8P	BUCHANAN	LBR	1003W 0553N	B	50	D	100	H	4	75/33/5
210,25	215,75	0	MURZUQ	LBY	1410E 2550N	B	20	ND	150	H	2	
210,25	215,75	0	CALABAR	NIG	0819E 0458N	B	25	ND	150	V	5	
210,25	215,75	0	KANO	NIG	0832E 1159N	B	24	ND	75	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
210,25	215,75	0	LAGOS	NIG	0327E 0627N	B	40	ND	75	H	5	
210,25	215,75	0	MAKURDI	NIG	0836E 0743N	B	50	ND	150	V	5	
210,25	215,75	0	CHITAMBO	RHN	3040E 1255S	B	200	ND	150	V	3	
210,25	215,75	8P	CHOMA	RHN	2658E 1645S	B	200	ND	150	V	3	
210,25	215,75	0	LUSAKA	RHN	2822E 1526S	B	200	ND	150	H	3	
210,25	215,75	8M	SOLWEZI	RHN	2625E 1210S	B	50	D	150	H	3	74/270/90/1
210,25	215,75	8M	MT DARWIN	RHS	3137E 1652S	B	200	ND	150	H	3	
210,25	215,75	0	TRIANGLE	RHS	3126E 2102S	B	50	ND	150	H	3	
210,25	215,75	0	WEDZA	RHS	3140E 1835S	B	50	ND	150	V	3	
210,25	215,75	0	ED DUMER	SDN	3353E 1735N	B	10	ND	150	H	3	
210,25	215,75	0	BULO BURTI	SOM	4535E 0351N	B	50	ND	200	H	2	
210,25	215,75	0	CHISIMAIO	SOM	4232E 0022S	B	100	ND	80	H	2	
210,25	215,75	0	MOYAMBA	SRL	1235W 0815N	B	10	ND	150	H	5	
210,25	215,75	8P	DODOMA	TGK	3550E 0610S	B	100	ND	150	H	3	
210,25	215,75	0	KIGOMA	TGK	2940E 0450S	B	100	ND	300	H	3	
210,25	215,75	0	TANGA	TGK	3908E 0505S	B	100	D	1200	H	3	74/140/150/50
210,25	215,75	0	TUKUYU	TGK	3340E 0920S	B	100	ND	1200	H	3	
210,25	215,75	0	MBARARA	UGA	3045E 0040S	B	100	ND	300	H	3	
210,25	215,75	0	SOROTI	UGA	3335E 0150N	B	100	ND	150	H	3	
215,25	221,25	8M	BOSMANSKOP	AFS	2713E 2959S	I	100	ND	300	V	6	
215,25	221,25	8P	BRANDVLEI	AFS	2026E 3006S	I	100	ND	300	H	2	
215,25	221,25	0	CATTLETON	AFS	3120E 2433S	I	100	ND	200	V	3	
215,25	221,25	8M	C79	AFS	2140E 2720S	I	100	ND	150	H	2	
215,25	221,25	0	FRANKFORT	AFS	2808E 2729S	I	100	ND	300	H	6	
215,25	221,25	8P	KINGWILLIAMS	AFS	2715E 3241S	I	100	ND	350	H	6	
215,25	221,25	0	MATJIESFONTEIN	AFS	2029E 3258S	I	100	ND	200	H	6	
215,25	221,25	8M	MILLER	AFS	2343E 3256S	I	100	ND	300	V	6	
215,25	221,25	8P	NABOOMSPRUIT	AFS	2834E 2436S	I	100	ND	200	H	6	
215,25	221,25	8M	PIET RETIEF	AFS	3043E 2716S	I	100	ND	400	V	6	
215,25	221,25	8P	SCHWEIZERENEK	AFS	2456E 2717S	I	100	ND	300	V	6	
215,25	221,25	8M	SPRINGBOK	AFS	1758E 2946S	I	100	ND	300	H	2	
215,25	221,25	0	STRYDENBURG	AFS	2350E 3007S	I	100	ND	300	H	6	
215,25	221,25	0	S5	AFS	1906E 2720S	I	100	ND	300	H	2	
215,25	221,25	8P	S16	AFS	1750E 2410S	I	100	ND	300	H	2	
215,25	221,25	8P	S27	AFS	1540E 2145S	I	100	ND	300	H	2	
215,25	221,25	0	S30	AFS	1835E 2130S	I	100	ND	300	H	2	

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
215,25	221,25	8P	S48	AFS	1250E 1850S	I	100	ND	300	H	2	
215,25	221,25	0	S51	AFS	1547E 1850S	I	100	ND	300	H	2	
215,25	221,25	8M	S54	AFS	1905E 1855S	I	100	ND	300	H	2	
215,25	221,25	0	ARTUR PAIVA	AGL	1618E 1428S	I	100	ND	75	H	3	
215,25	221,25	0	BENGUELA	AGL	1325E 1235S	I	100	ND	75	H	3	
215,25	221,25	0	GAGO COUTINHO	AGL	2108E 1405S	I	100	ND	75	H	3	
215,25	221,25	8P	LUANDA	AGL	1315E 0849S	I	100	ND	150	H	3	
215,25	221,25	0	MALANGE	AGL	1620E 0931S	I	100	ND	150	H	3	
215,25	221,25	0	V.SARMENTO	AGL	2033E 0807S	I	100	ND	75	H	3	
215,25	221,25	8P	VILA LUSO	AGL	1952E 1145S	I	100	ND	75	H	3	
215,25	221,25	0	FRANCISTOWN	BCH	2730E 2120S	I	10	ND	300	H	2	
215,25	221,75	0	OUSOUMBOURA	BDI	2921E 0323S	K	50	ND	100	H	5	14
215,25	221,75	0	A	CAF	2435E 0745N	K	100	ND	300	H	5	
215,25	221,75	0	BANGUI	CAF	1835E 0423N	K	100	ND	300	H	5	
215,25	221,75	8P	BERBERATI	CAF	1534E 0403N	K	100	ND	300	H	5	
215,25	221,75	8M	BETANGAFO	CAF	1820E 0718N	K	100	ND	300	H	5	
215,25	221,75	8M	MOBAYE	CAF	2055E 0425N	K	100	ND	300	V	5	
215,25	221,75	0	BANALIA	CGO	2523E 0134N	K	100	ND	300	V	5	
215,25	221,75	0	BANGADI	CGO	2751E 0450N	K	100	ND	300	V	5	
215,25	221,75	8M	BANZALI	CGO	2445E 0434N	K	100	ND	300	H	5	
215,25	221,75	8P	BUKAVU	CGO	2852E 0220S	K	100	ND	300	V	3	
215,25	221,75	8M	ELISABETHVILLE	CGO	2728E 1139S	K	100	ND	300	V	3	
215,25	221,75	8P	KAKWATA	CGO	2333E 1045S	K	100	ND	300	H	3	
215,25	221,75	8M	KALEMBE LEMBE	CGO	2845E 0436S	K	50	ND	300	V	3	
215,25	221,75	8P	KAPANGA KWANGO	CGO	1703E 0508S	K	100	ND	300	H	3	
215,25	221,75	8P	KIRI	CGO	1900E 0123S	K	100	ND	300	V	3	
215,25	221,75	0	KWAMOUTH	CGO	1612E 0311S	K	100	ND	300	V	3	
215,25	221,75	8M	LISALA	CGO	2130E 0209N	K	100	ND	300	H	5	
215,25	221,75	8M	LOMELA	CGO	2316E 0218S	K	100	ND	300	H	3	
215,25	221,75	8M	LOWA	CGO	2552E 0128S	K	100	ND	300	H	3	
215,25	221,75	0	LUANIKA	CGO	1425E 0535S	K	100	ND	300	H	3	
215,25	221,75	0	LULONGA	CGO	1825E 0032N	K	100	ND	300	H	5	
215,25	221,75	8P	LUSAMBO	CGO	2326E 0457S	K	100	ND	300	V	3	
215,25	221,75	0	MITWABA	CGO	2720E 0838S	K	100	ND	300	H	3	
215,25	221,75	8P	NOUVELLE ANVER	CGO	1909E 0135N	K	100	ND	300	V	5	
215,25	221,75	0	OMBWE	CGO	2532E 0424S	K	10	ND	300	V	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

1A Image *Vision* Imagen	1B Son *Sound* Sonido	2 Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	3 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	4 Symbole désignant le pays *Country symbol* Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		6 Système de télévision - *Television system* Sistema de televisión	7 Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada aparente máxima: imagen (kW) (Sonido = 1:5)	8 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	11A Zone climatique *Climatic zone* Zona climática	11B Observations *Remarks* Observaciones
215,25	221,75	0	PORT FRANCQUI	CGO	2077E	0417S	K	100	ND	300	H	3	
215,25	221,75	8M	TSHABUTA	CGO	2307E	0742S	K	100	ND	300	V	3	
215,25	221,75	8P	WAMBA	CGO	2758E	0212N	K	100	ND	300	H	5	
215,25	221,75	0	KONTCHA	CME	1214E	0758N	K	100	ND	300	H	5	
215,25	221,75	0	MAROUA	CME	1419E	1037N	K	100	ND	300	H	5	
215,25	221,75	8M	NANGA EBOKO	CME	1225E	0434N	K	100	ND	300	H	5	
215,25	221,75	0	NKONGSAMBA	CME	0954E	0500N	K	100	ND	300	H	5	
215,25	221,75	8P	OMIE	CME	1424E	0749N	K	100	ND	300	V	5	
215,25	221,75	0	OUESSO	COG	1602E	0140N	K	100	ND	300	V	5	
215,25	221,75	0	POINTE NOIRE	COG	1151E	0444S	K	100	ND	300	V	5	
215,25	221,75	0	GR COMORE C	COM	4318E	1137S	K	1	ND	700	H	4	
215,25	221,75	0	GR COMORE S	COM	4318E	1150S	K	10	D	600	H	4	74/220/235/1 74/170/180/5
215,25	221,75	0	NYABOROCAGO	CTI	0642W	0937N	K	10	ND	600	H	5	
215,25	221,75	0	TIETIEKRO	CTI	0536W	0700N	K	150	ND	600	V	5	
215,25	221,75	0	BIMBEREKE	DAH	0239E	1014N	K	0,1	ND	300	H	3	
215,25	221,75	0	FRANCEVILLE	GAB	1333E	0136S	K	100	ND	300	H	5	
215,25	221,75	8M	MAKOKOU	GAB	1250E	0034N	K	100	ND	300	H	5	
215,25	221,75	8P	MOUILA	GAB	1102E	0151S	K	100	ND	300	H	5	
215,25	221,75	8P	KISI	GHA	0130W	0506N	K	50	ND	300	H	5	
215,25	221,75	0	PRANG	GHA	0050W	0800N	K	50	ND	120	H	5	
215,25	221,25	0	BASSE	GMB	1415W	1320N	I	50	D	300	V	3	74/310/50/0,5 74/115/260/0,5
215,25	221,25	8P	BATHURST	GMB	1640W	1325N	I	50	D	300	H	4	74/240/60/0,5 74/110/240/5
215,25	221,75	8P	KANKAN	GUI	0932W	1014N	K	100	ND	600	V	3	
215,25	221,75	0	MAMOU	GUI	1206W	1022N	K	50	ND	300	V	3	
215,25	221,75	0	NZEREKORE	GUI	0849W	0743N	K	100	D	300	V	5	75/249/1
215,25	221,75	0	KAMPTI	HVO	0331W	1004N	K	100	D	300	V	3	74/130/230/2
215,25	221,75	0	PISSILA	HVO	0049W	1310N	K	100	ND	300	V	3	
215,25	221,75	0	AMBONONDRONOMB	MDG	4619E	2328S	K	100	ND	600	H	3	
215,25	221,75	0	ANDRIAMENA	MDG	4732E	1724S	K	100	D	600	H	3	74/320/325/25
215,25	221,75	0	ANTONIBE	MDG	4724E	1507S	K	10	D	300	V	3	74/305/320/0,5
215,25	221,75	0	MANANARA	MDG	4940E	1602S	K	100	D	300	H	3	74/130/140/3
215,25	221,75	0	MORAFENO BE A	MDG	4452E	1752S	K	100	D	300	H	3	74/340/350/10
215,25	221,75	0	MORONDAVA	MDG	4417E	2017S	K	100	ND	300	H	3	
215,25	221,75	0	VOHIDRAZANA	MDG	4831E	1858S	K	500	D	600	H	3	74/100/110/50

1A	1B	2	3	4	5		6	7	8	9	10	11A	11B
215,25	221,75	0	VONTOVORONA	MDG	4712E	1955S	K	10	ND	600	H	3	
215,25	221,75	0	D	MLI	0045W	2050N	K	100	ND	300	H	2	
215,25	221,75	0	I	MLI	0430W	2020N	K	100	ND	300	V	2	
215,25	221,75	0	KOURAGUE	MLI	1003W	1220N	K	10	ND	600	H	3	
215,25	221,75	0	LANFIERA	MLI	0409W	1330N	K	100	ND	300	H	3	
215,25	221,75	0	RASELMA	MLI	0428W	1636N	K	100	ND	300	V	2	
215,25	221,75	0	TEMERA	MLI	0056W	1700N	K	100	ND	300	H	3	
215,25	221,75	0	TOUGOUNI	MLI	0713W	1313N	K	100	ND	300	H	3	
215,25	221,25	0	ESPUNGABERA	MOZ	3236E	2022S	I	100	D	75	H	3	74/200/300/10
215,25	221,25	0	INHARRIME	MOZ	3504E	2429S	I	100	ND	38	H	3	
215,25	221,25	0	MANIAMBA	MOZ	3458E	1246S	I	100	ND	75	H	3	
215,25	221,25	0	MOCUBA	MOZ	3659E	1650S	I	100	ND	150	H	5	
215,25	221,25	0	NAMPULA	MOZ	3916E	1507S	I	100	D	75	H	5	74/45/60/25
215,25	221,25	0	ZUMBO	MOZ	3014E	1521S	I	100	ND	75	H	3	
215,25	221,75	8P	CHINGUETTI	MTN	1222W	2029N	K	100	ND	300	H	4	
215,25	221,75	8M	D	MTN	1237W	2324N	K	10	ND	300	H	4	
215,25	221,75	0	G	MTN	0835W	2705N	K	100	ND	300	H	2	
215,25	221,75	0	KANKOSSA	MTN	1131W	1656N	K	10	ND	300	H	3	
215,25	221,75	0	TIMBEDRA	MTN	0812W	1616N	K	100	ND	300	H	3	
215,25	221,75	0	BIRNI NKONI	NGR	0512E	1348N	K	100	ND	300	H	3	
215,25	221,75	8M	NIAMEY	NGR	0206E	1331N	K	100	ND	300	H	3	
215,25	221,75	8M	MAINE SOROA	NGR	1203E	1311N	K	100	ND	300	H	3	
215,25	221,75	0	TESSAOUA	NGR	0758E	1348N	K	100	ND	300	V	3	
215,25	221,75	0	PITON DE SABLE	REU	5539E	2111S	K	5	D	1200	H	4	74/285/320/2
215,25	221,75	8P	KEDOUGOU	SEN	1223W	1232N	K	50	D	500	V	4	74/90/210/2
215,25	221,75	8M	LOUGA	SEN	1613W	1538N	K	50	ND	300	H	4	
215,25	221,75	8M	SEDO ABAS	SEN	1327W	1547N	K	50	D	300	V	4	74/0/130/5
215,25	221,75	0	OBOCK	SMF	4317E	1158N	K	*	ND	75	H	2	* 0,05 KW
215,25	221,75	0	ABOUDEIA	TCD	1916E	1126N	K	100	ND	600	H	3	
215,25	221,75	0	MAO	TCD	1519E	1407N	K	100	ND	300	V	3	
215,25	221,75	0	SEIFOU	TCD	2140E	1115N	K	100	ND	300	H	3	
217,25	222,75	0	BOJADOR	AOE	1430W	2607N	B	1	ND	75	H	4	
217,25	222,75	8P	ASYUT	EGY	3104E	2711N	B	100	ND	150	H	2	
217,25	222,75	0	BUSH	EGY	3107E	2909N	B	24	ND	75	H	2	
217,25	222,75	8M	IDFU	EGY	3249E	2500N	B	100	D	100	H	2	75/351/10
217,25	222,75	0	QENA	EGY	3243E	2610N	B	100	D	100	V	2	75/170/10

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 174-223 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 174-223 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 174-223 Mc/s

174-223 MHz Mc/s BT

Fréquence nominale (MHz) *Nominal frequency (Mc/s)* Frecuencia nominal (Mc/s)		Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale: image (kW) (Son = 1:5) *Maximum effective radiated power: vision (kW) (Sound = 1:5)* Potencia radiada apparente máxima: imagen (kW) (Sonido = 1:5)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement *Polarization of radiation* Polarización de radiación	Zone climatique *Climatic zone* Zona climática	Observations *Remarks* Observaciones
Image *Vision* Imagen	Son *Sound* Sonido											

174-223 MHz Mc/s BT

1A	1B	2	3	4	5	6	7	8	9	10	11A	11B
217,25	222,75	0	CARECORE	ETH	3956E 1028N	B	3	ND	150	H	6	
217,25	222,75	0	DEBRE MARCOS	ETH	3744E 1020N	B	60	ND	150	H	6	
217,25	222,75	0	GORE	ETH	3532E 0809N	B	10	ND	600	H	6	
217,25	222,75	0	HOSSANA	ETH	3754E 0720N	B	10	ND	600	H	6	
217,25	222,75	0	JIGGIGA	ETH	4247E 0920N	B	3	ND	300	H	2	
217,25	222,75	0	KUMAD	ETH	3615E 1043N	B	10	ND	300	H	6	
217,25	222,75	0	MASSAWA	ETH	3928E 1536N	B	3	ND	150	H	2	
217,25	222,75	0	MUSTAHIL	ETH	4437E 0517N	B	10	D	150	V	2	74/330/90/0,5 74/150/270/0,5
217,25	222,75	0	SECOTA	ETH	3903E 1237N	B	10	ND	300	H	6	
217,25	222,75	0	TESSENAI	ETH	3641E 1507N	B	10	ND	600	V	6	
217,25	222,75	0	NAKURU	KEN	3603E 0018S	B	100	ND	600	H	3	
217,25	222,75	8M	GBARNGA	LBR	0928W 0728N	B	5	D	300	V	4	74/330/360/0,5
217,25	222,75	8P	PT ROBERTS	LBR	1122W 0645N	B	5	D	100	H	4	75/68/0,05
217,25	222,75	0	ABERCORN	RHN	3130E 0903S	B	200	ND	150	H	3	
217,25	222,75	0	FORT JAMESON	RHN	3236E 1335S	B	200	ND	150	H	3	
217,25	222,75	0	FORT ROSEBERY	RHN	2853E 1110S	B	100	D	150	V	3	74/180/360/10
217,25	222,75	0	KATABA	RHN	2508E 1605S	B	100	ND	150	H	3	
217,25	222,75	8M	MUMBWA	RHN	2710E 1452S	B	200	ND	150	V	3	
217,25	222,75	8P	MWILA E	RHN	3240E 1125S	B	200	ND	150	V	3	
217,25	222,75	0	MATAMVE	RHS	3020E 2157S	B	50	D	150	V	3	74/140/180/10
217,25	222,75	8P	MUSHUNGAYENDI	RHS	3016E 1622S	B	200	ND	150	H	3	
217,25	222,75	0	NKAI	RHS	2852E 1838S	B	200	ND	150	H	3	
217,25	222,75	8P	GALLABAT	SDN	3615E 1315N	B	10	ND	300	H	3	14
217,25	222,75	8M	JOUBA	SDN	3125E 0455N	B	100	ND	300	V	5	14
217,25	222,75	0	KHARTOUM	SDN	3240E 1525N	B	100	ND	300	H	3	14
217,25	222,75	0	CAHANDO	SOM	4708E 0603N	B	300	ND	250	H	2	
217,25	222,75	0	DINSOR	SOM	4300E 0225N	B	0,5	ND	60	H	2	
217,25	222,75	0	GARDO	SOM	3240E 1525N	B	0,2	ND	70	V	2	
217,25	222,75	0	ZEILA	SOM	4330E 1120N	B	0,5	D	60	V	2	74/320/350/0,05
217,25	222,75	8M	KILWA	TGK	3925E 0840S	B	100	D	150	H	3	74/115/130/5
217,25	222,75	8M	MUSOMA	TGK	3355E 0135S	B	100	ND	150	H	3	
217,25	222,75	0	TUNDURU	TGK	3720E 1105S	B	100	ND	300	H	3	
217,25	222,75	8P	ARUA	UGA	3055E 0305N	B	100	ND	150	V	3	
217,25	222,75	0	MASINDI	UGA	3140E 0140N	B	100	ND	150	H	3	
217,25	222,75	0	CHAKE CHAKE	ZAN	3946E 0514S	B	10	ND	300	H	4	

PLAN

pour les

STATIONS DE TÉLÉVISION

dans la

BANDE DE FRÉQUENCES 470-960 MHz

PLAN

for

TELEVISION STATIONS

in the

FREQUENCY BAND 470-960 Mc/s

PLAN

para las

ESTACIONES DE TELEVISIÓN

en la

BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
21	8P	C90	AFS	2018E 2642S	I	350	ND	150	H	2	
21	8P	HUMANSDORP	AFS	2442E 3356S	I	10	ND	100	H	6	
21	0	QUEENSTOWN	AFS	2650E 3152S	I	350	ND	550	H	6	
21	8M	S19	AFS	1630E 2320S	I	350	ND	300	H	2	
21	0	S55	AFS	2003E 1852S	I	350	ND	300	H	2	
21	8P	S58	AFS	1430E 1803S	I	350	ND	300	H	2	
21	8P	SIBASA	AFS	3013E 2250S	I	350	ND	450	H	6	
21	8M	VAALPLAAS	AFS	2857E 2536S	I	350	ND	300	H	6	
21	8P	VILA LUSO	AGL	1952E 1145S	I	250	ND	75	H	3	
21	0	GEORGETOWN	ASC	1425W 0756S	I	50	ND	600	H	4	
21	0	LOBATSI	BCH	2535E 2515S	I	100	ND	300	H	2	
21	0	BAKALA	CAF	2025E 0610N	K	250	ND	300	H	5	
21	8P	BAKOUMA	CAF	2257E 0545N	K	250	ND	300	H	5	
21	0	BEKADILI	CAF	1648E 0528N	K	250	ND	300	H	5	
21	0	BOUGA	CAF	1816E 0631N	K	250	ND	300	H	5	
21	0	G	CAF	2500E 0740N	K	250	ND	300	H	5	
21	0	IPPY	CAF	2104E 0602N	K	250	ND	300	H	5	
21	0	MAMERE	CAF	1953E 0854N	K	250	ND	300	V	5	
21	0	OUADDA	CAF	2219E 0807N	K	250	ND	300	H	5	
21	0	BAFWABOLI	CGO	2608E 0047N	K	250	ND	300	H	5	
21	8M	BUTA	CGO	2447E 0247N	K	100	ND	300	H	5	
21	8M	FESHI	CGO	1808E 0607S	K	250	ND	300	H	3	
21	0	ITOKO	CGO	2148E 0100S	K	250	ND	300	H	3	
21	0	KABAMBARE	CGO	2739E 0441S	K	250	ND	300	V	3	
21	8M	KABUNDI	CGO	2714E 1006S	K	100	ND	300	H	3	
21	8M	KALIMA	CGO	2632E 0236S	K	250	ND	300	H	3	
21	0	KAPONGOLO	CGO	2812E 0751S	K	250	ND	300	V	3	
21	8M	MANGAI	CGO	1933E 0402S	K	250	ND	300	V	3	
21	8M	MUSHIE	CGO	1655E 0301S	K	250	ND	300	H	3	
21	8P	MWENE DITU	CGO	2326E 0650S	K	250	ND	300	H	3	
21	8P	PAULIS	CGO	2738E 0246N	K	250	ND	300	H	5	
21	0	TSHIKAPA	CGO	2048E 0628S	K	250	ND	300	H	3	
21	8M	YAKOMA	CGO	2223E 0404N	K	250	ND	300	V	5	
21	8P	BAFOUSSAM	CME	1025E 0527N	K	250	ND	600	H	5	
21	8P	BERTOUA	CME	1341E 0433N	K	250	ND	500	H	5	
21	0	MAGADJIBONGBON	CME	1214E 0733N	K	250	ND	600	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
21	0	MOLOUNDOU	CME	1521E 0211N	K	335	ND	300	H	5	
21	8P	OVENG	CME	1215E 0224N	K	335	ND	300	H	5	
21	0	TCHEVI	CME	1330E 1010N	K	335	ND	600	H	5	
21	0	CRUZ DE TEJEDA	CNR	1531W 2759N	G	100	ND	300	H	4	
21	0	GANDOU	COG	1728E 0228N	K	250	ND	300	V	5	
21	0	IBANGUI	COG	1604E 0028N	K	250	ND	300	V	5	
21	0	LEKANA	COG	1435E 0219S	K	250	ND	600	H	5	
21	0	MBOKO SONGO	COG	1338E 0422S	K	250	ND	600	H	5	
21	0	MAYOTTE	COM	4509E 1252S	K	100	D	600	H	4	74/75/190/10
21	0	BENAOUIN	CTI	0346W 0634N	K	250	ND	300	H	5	
21	0	BOUNDIALI	CTI	0630W 0930N	K	3	ND	300	H	5	
21	8P	GRAND LAHOU	CTI	0500W 0508N	K	250	ND	300	V	5	
21	0	GRABO	CTI	0730W 0444N	K	250	ND	300	H	5	
21	8P	KONG	CTI	0437W 0909N	K	250	ND	300	V	5	
21	8M	TOUBA	CTI	0738W 0813N	K	250	ND	600	V	5	
21	8M	ABOMEY CALAVI	DAH	0225E 0630N	K	250	ND	300	H	5	
21	8P	FOUNONGO	DAH	0232E 1129N	K	355	ND	300	H	3	
21	0	QENA	EGY	3243E 2610N	H	500	ND	150	H	2	
21	8M	DEMBIDOLO	ETH	3438E 0836N	G	250	ND	150	H	6	
21	8M	KEREN	ETH	3826E 1545N	G	250	ND	150	H	6	
21	0	MALEMBE	GAB	1057E 0336S	K	250	ND	300	H	5	
21	8M	MEKAMBO	GAB	1356E 0100N	K	250	ND	300	H	5	
21	0	MIBEMA	GAB	1144E 0109S	K	250	ND	300	V	5	
21	8P	DALABA	GUI	1215W 1043N	K	250	ND	600	H	3	
21	8M	KANDIAFARA	GUI	1442W 1118N	K	250	D	300	V	4	75/329/2,5
21	0	KONKOUBA	GUI	1447W 1045N	K	250	ND	150	H	4	
21	0	MADINA	GUI	1119W 1031N	K	250	ND	300	H	3	
21	8M	PAMPARA	GUI	0858W 0807N	K	250	D	300	H	5	75/85/2,5
21	8P	ARIBINDA	HVO	0052W 1414N	K	250	ND	300	H	3	
21	8M	BAGATA	HVO	0151W 1130N	K	250	ND	300	H	3	
21	8P	KANKALABA	HVO	0517W 1044N	K	100	ND	300	V	3	
21	8P	TANSILLA	HVO	0423W 1225N	K	100	ND	300	H	3	
21	0	LAMU	KEN	4055E 0215S	I	1000	ND	150	H	3	
21	0	MT ELGON	KEN	3440E 0105N	I	2000	ND	1200	H	3	
21	0	AMPOADRAMENA	MDG	4521E 2039S	K	250	ND	300	H	3	
21	0	ANDILAMENA	MDG	4832E 1702S	K	250	ND	600	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
21	0	ANTANIDITRA	MDG	4612E	1853S	K	250	ND	600	H	3	
21	0	BEBAD	MDG	4433E	1722S	K	250	D	300	H	3	74/355/10/25
21	0	BEHENJAVILO	MDG	4416E	1901S	K	250	ND	300	H	3	
21	0	BERENTY	MDG	4503E	2211S	K	250	ND	300	H	3	
21	0	DARAINA	MDG	4939E	1312S	K	250	ND	600	H	3	
21	0	MAEVATANANA	MDG	4649E	1658S	K	100	ND	300	H	3	
21	0	MANJAKANDRIANA	MDG	4745E	1856S	K	250	ND	300	H	3	
21	0	SAHAMBOHITRA	MDG	4624E	2347S	K	250	ND	600	H	3	
21	0	VOHIBEANTOETRA	MDG	4721E	2048S	K	25	ND	300	H	3	
21	0	B	MLI	0405E	1800N	K	250	ND	300	H	2	
21	8M	DIONGOI	MLI	0935W	1455N	K	3	ND	300	H	3	
21	0	H	MLI	0540W	2200N	K	250	ND	300	H	2	
21	8M	KIGNAN	MLI	0600W	1148N	K	250	ND	300	V	3	
21	8P	KITA	MLI	0931W	1304N	K	250	ND	600	V	3	
21	0	KOLINIA	MLI	0630W	1519N	K	250	ND	300	V	3	
21	8P	KONIAKARI	MLI	1055W	1435N	K	25	ND	300	V	3	
21	0	MENAKA	MLI	0217E	1557N	K	250	ND	300	H	2	
21	8P	OUOLOSSEBOUGOU	MLI	0754W	1155N	K	250	ND	300	V	3	
21	8M	P	MLI	0500W	2400W	K	250	ND	300	H	3	
21	8P	SEGOU	MLI	0615W	1326N	K	250	ND	300	V	3	
21	0	TABANKORT	MLI	0015E	1749N	K	250	ND	300	H	2	
21	8M	TANAL	MLI	0308W	1520N	K	25	ND	300	H	3	
21	0	TIN TEHOUN	MLI	0245W	1715N	K	25	ND	300	H	3	
21	8M	ATAR	MTN	1306W	2030N	K	250	ND	300	H	4	
21	8P	BEL GUERDANE	MTN	1031W	2524N	K	250	ND	300	H	2	
21	8M	EL MILHEAS	MTN	0654W	2453N	K	250	ND	300	H	2	
21	8M	G	MTN	0835W	2705N	K	250	ND	300	H	2	
21	8M	IDJIL	MTN	1240W	2240N	K	250	ND	300	H	4	
21	0	MADUDASS	MTN	1054W	1534N	K	125	D	300	V	3	74/90/150/10
21	8M	MOUDJERIA	MTN	1219W	1752N	K	250	ND	300	H	4	
21	8M	NOUAKCHOTT	MTN	1556W	1814N	K	250	D	300	V	4	74/200/320/25 74/70/150/25
21	8P	OUALATA	MTN	0701W	1717N	K	250	ND	300	H	3	
21	0	DAKARAOUAGORA	NGR	0633E	1353N	K	250	ND	300	V	3	
21	0	DANTIANDOU	NGR	0245E	1325N	K	250	ND	300	H	3	
21	0	DOGONDOUTCHI	NGR	0400E	1340N	K	50	ND	300	V	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
21	0	GAYA	NGR	0327E	1153N	K	50	ND	300	V	3	
21	0	MAGARIA 1	NGR	0853E	1302N	K	250	ND	300	H	3	
21	8M	BADAGRY	NIG	0310E	0629N	I	250	ND	150	H	5	
21	8M	SOKOTO B	NIG	0500E	1330N	I	250	ND	150	H	3	
21	0	SAINT LEU	REU	5518E	2112S	K	3	ND	400	H	4	
21	0	SAINTE ROSE	REU	5550E	2108S	K	5	ND	300	H	4	
21	8M	KITWE	RHN	2813E	1247S	G	500	ND	150	H	3	
21	8M	BINGA	RHS	2804E	1734S	G	500	ND	150	H	3	
21	8M	CHIPINGA	RHS	3232E	2012S	G	500	ND	150	H	3	
21	0	ASTRIDA	RRW	2944E	0235S	K	250	ND	300	H	5	
21	0	GALLABAT	SDN	3610E	1257N	H	200	ND	300	H	3	14
21	8P	BANTANANI	SEN	1258W	1343N	K	50	ND	300	H	4	
21	8P	DAKAR	SEN	1726W	1440N	K	100	ND	300	H	4	
21	8P	SALDE	SEN	1353W	1610N	K	50	D	300	V	4	74/330/70/5
21	0	SEDHIOU	SEN	1536W	1243N	K	50	D	300	H	4	74/90/250/5
21	0	DJIBOUTI	SMF	4309E	1135N	K	1	ND	75	H	2	
21	8M	CAHANDO	SOM	4708E	0603N	G	2000	ND	250	H	2	
21	8M	SEFADU	SRL	1059W	0840N	G	100	ND	300	V	5	
21	0	ABECHE	TCD	2051E	1348N	K	250	ND	300	H	3	
21	0	ABOUSSOUF	TCD	1543E	1214N	K	250	ND	300	H	3	
21	0	BAIBOKOUM	TCD	1540E	0744N	K	250	ND	600	H	5	
21	0	J	TCD	1415E	1415N	K	250	ND	300	H	3	
21	0	KOSSO	TCD	1848E	1150N	K	250	ND	600	H	3	
21	0	SEIFOU	TCD	2140E	1115N	K	250	ND	300	H	3	
21	0	BAFILO	TGO	0115E	0921N	K	250	ND	300	H	5	
21	8P	ZANZIBAR	ZAN	3915E	0610S	I	250	ND	300	H	4	
22	8P	BLOEMFONTEIN	AFS	2614E	2906S	I	350	ND	300	H	6	
22	0	CALA	AFS	2742E	3132S	I	350	ND	300	H	6	
22	0	CLIFTON	AFS	2328E	2818S	I	350	ND	300	H	6	
22	8P	HOUNDSLOW	AFS	2706E	2352S	I	350	ND	150	H	6	
22	8M	JANE FURSE SET	AFS	2952E	2443S	I	350	ND	350	H	6	
22	8M	NYITINYE	AFS	2934E	2906S	I	350	ND	600	H	6	
22	8M	S11	AFS	1615E	2510S	I	350	ND	300	H	2	
22	0	S39	AFS	2012E	2037S	I	350	ND	300	H	2	
22	8P	S41	AFS	1420E	1950S	I	350	ND	300	H	2	
22	0	VAALRAND	AFS	2828E	2645S	I	300	ND	300	H	6	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
22	8P	CUANGAR	AGL	1831E 1720S	I	250	ND	38	H	3	
22	0	SILVA PORTO	AGL	1655E 1244S	I	250	ND	75	H	3	
22	0	AGUIFENDI	CAF	2411E 0608N	K	250	ND	300	H	5	
22	0	BAMBARI	CAF	2035E 0540N	K	250	ND	300	H	5	
22	0	BONINA	CAF	1557E 0609N	K	250	ND	300	H	5	
22	0	BOSSABEMLE	CAF	1740E 0515N	K	250	ND	300	H	5	
22	0	FT CRAMPEL	CAF	1910E 0659N	K	250	ND	300	H	5	
22	0	H	CAF	2400E 0800N	K	250	ND	300	H	5	
22	0	L	CAF	2100E 0925N	K	250	ND	300	V	5	
22	0	NOLA	CAF	1605E 0332N	K	250	ND	300	H	5	
22	0	OBO	CAF	2626E 0522N	K	250	ND	300	H	5	
22	8M	BEFALE	CGO	2057E 0027N	K	250	ND	300	H	5	
22	8P	BETAMBA	CGO	2124E 0217S	K	250	ND	300	H	3	
22	8P	BUMBA	CGO	2227E 0211N	K	250	ND	300	H	5	
22	8M	KATAKO KOMBE	CGO	2420E 0327S	K	250	ND	300	H	3	
22	8P	KENGE	CGO	1655E 0450S	K	250	ND	300	H	3	
22	8P	KISENGWA	CGO	2550E 0559S	K	250	ND	300	H	3	
22	0	LUMUNA	CGO	2630E 0347S	K	250	ND	300	V	3	
22	8M	NYUNSU	CGO	2800E 0600S	K	250	ND	300	H	3	
22	0	PANZI	CGO	1801E 0717S	K	250	ND	300	H	3	
22	8M	WALIKALE	CGO	2802E 0126S	K	250	ND	300	H	3	
22	8M	WATSA	CGO	2928E 0303N	K	250	ND	300	H	5	
22	0	BOCHO	CME	0924E 0607N	K	100	ND	300	V	5	
22	0	DJOLIMPOUM	CME	1252E 0320N	K	250	ND	300	H	5	
22	0	EKONAKO	CME	0841E 0501N	K	335	ND	300	H	5	
22	0	I	CME	1352E 0507N	K	100	ND	300	H	5	
22	0	NGAMBE 1	CME	1038E 0421N	K	250	ND	300	V	5	
22	0	NIAMBARAN	CME	1308E 0739N	K	100	ND	300	H	5	
22	0	SANGBE	CME	1229E 0603N	K	100	ND	300	H	5	
22	0	ABOLO	COG	1410E 0008N	K	250	ND	300	H	5	
22	0	BOKO	COG	1338E 0446S	K	250	ND	300	H	5	
22	0	KIBANGOU	COG	1225E 0328S	K	250	ND	300	H	5	
22	0	KIMBOTO	COG	1408E 0310S	K	250	ND	300	H	5	
22	0	MBOUBOU	COG	1510E 0140S	K	250	ND	300	H	5	
22	0	GUIBLY	CTI	0729W 0602N	K	250	ND	300	V	5	
22	0	SEGNASSO	CTI	0710W 0958N	K	3	ND	600	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
22	8M	TOBRE	DAH	0208E 1012N	K	250	ND	300	H	3	
22	0	EL MINYA	EGY	3035E 2805N	H	500	ND	150	H	2	
22	0	KOM OMBO	EGY	3252E 2425N	H	500	ND	250	H	2	
22	0	MANSOURA	EGY	3116E 3106N	H	500	D	300	H	2	11 74/330/30/200
22	0	SHARM ELSHEIKH	EGY	3415E 2752N	H	500	ND	150	H	2	
22	8M	CENCIA	ETH	3726E 0607N	G	250	ND	1200	H	6	
22	0	LEKEMPTI	ETH	3645E 0910N	G	250	ND	1200	H	6	
22	8P	SIRE	ETH	3930E 0817N	G	250	ND	300	H	6	
22	0	IGUELA	GAB	0916E 0156S	K	250	ND	300	H	5	
22	8P	MOANDA	GAB	1309E 0125S	K	250	ND	300	H	5	
22	0	MOMO	GAB	1154E 0152N	K	250	ND	300	V	5	
22	0	NDJOLE	GAB	1044E 0011S	K	250	ND	300	H	5	
22	0	BATA	GNE	0147E 0154N	G	50	ND	150	H	5	
22	0	KISSIDOUGOU	GUI	1016W 0912N	K	250	ND	300	V	5	
22	8P	LOGORONBO	GUI	1040W 1059N	K	250	D	300	H	3	75/333/2,5
22	0	TOUGUE	GUI	1140W 1126N	K	100	ND	300	H	3	
22	8M	KANTCHARI	HVO	0130E 1229N	K	100	ND	300	H	3	
22	0	YANGASSO	HVO	0312W 1212N	K	100	ND	300	H	3	
22	0	ZIGA	HVO	0041E 1237N	K	250	ND	300	V	3	
22	0	SEBHA	LBY	1451E 2700N	G	150	ND	150	H	2	
22	0	AMBATOMAINTY	MDG	4625E 1754S	K	250	ND	300	H	3	
22	0	AMBODIMANGA	MDG	4830E 1346S	K	250	ND	300	H	3	
22	0	AMBALAMARINA	MDG	4630E 1948S	K	250	ND	300	H	3	
22	0	AMBALAVATO	MDG	4824E 1944S	K	250	D	600	H	3	74/95/115/100
22	0	AMBALAFARY	MDG	4725E 2315S	K	250	ND	300	H	3	
22	0	AMPOTAKA	MDG	4444E 2503S	K	250	ND	300	H	3	
22	0	BEHARA	MDG	4624E 2457S	K	250	ND	300	H	3	
22	0	BEKISOPA	MDG	4558E 2133S	K	250	ND	300	H	3	
22	0	BELO	MDG	4433E 1941S	K	250	ND	300	H	3	
22	0	BENENITRA	MDG	4509E 2325S	K	250	ND	600	H	3	
22	0	FOLSIALANA	MDG	4856E 1746S	K	250	D	300	H	3	74/115/125/100
22	0	MAMPIKONY	MDG	4738E 1605S	K	100	ND	300	H	3	
22	0	MANANARA	MDG	4940E 1602S	K	250	D	300	H	3	74/130/140/100
22	0	MAROTAOLANA	MDG	4403E 2148S	K	250	ND	600	H	3	
22	0	MORAFENOBE	MDG	4452E 1752S	K	250	ND	300	H	3	

1	Numéro du canal assigné / *Assigned channel number* / Número del canal assignado
2	Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen
3	Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora
4	Symbole désignant le pays / *Country symbol* / Símbolo designativo del país
5	Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora
6	Système de télévision - *Television system* / Sistema de televisión
7	Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)
8	Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena
9	Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)
10	Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación
11A	Zone climatique - *Climatic zone* / Zona climática
11B	Observations / *Remarks* / Observaciones

1	2	3	4	5		6	7	8	9	10	11A	11B
22	0	SOALALA	MDG	4520E	1606S	K	250	ND	300	H	3	
22	0	A	MLI	0340E	1630N	K	250	ND	300	H	2	
22	8M	DE	MLI	0315W	1447N	K	250	ND	300	H	3	
22	8M	FALIKOURA	MLI	1118W	1203N	K	50	ND	300	V	3	
22	0	FOUROU	MLI	0605W	1042N	K	3	ND	300	V	3	
22	8M	KOUTIALA	MLI	0528W	1223N	K	250	ND	300	V	3	
22	8M	MUTARARA	MOZ	3505E	1727S	I	250	ND	150	H	3	
22	8P	BOGHE	MTN	1416W	1636N	K	125	D	300	H	4	74/140/260/25
22	0	I	MTN	0700W	2353N	K	250	ND	300	H	2	
22	8P	NEMA	MTN	0714W	1636N	K	250	ND	300	H	3	
22	0	ROSSO	MTN	1549W	1631N	K	250	D	300	H	4	74/120/250/25
22	8M	TIOJIKJA	MTN	1126W	1833N	K	250	ND	300	H	2	
22	0	ALKAMARI	NGR	1107E	1353N	K	250	ND	300	H	3	
22	0	DANGOUNA	NGR	0502E	1415N	K	250	ND	300	V	3	
22	0	IFEROUANE	NGR	0822E	1907N	K	250	ND	300	H	2	
22	0	TILLABERI	NGR	0127E	1413N	K	100	ND	300	H	3	
22	0	U	NGR	1435E	2120N	K	250	ND	300	V	2	
22	8M	ZINDER	NGR	0859E	1349N	K	250	ND	300	H	3	
22	0	IBADAN	NIG	0356E	0724N	I	250	ND	150	H	5	
22	0	SAINT JOSEPH	REU	5536E	2122S	K	3	ND	400	H	4	
22	0	SAINT DENIS	REU	5526E	2053S	K	10	ND	600	H	4	
22	8P	IBOLELO	RHN	2406E	1605S	G	500	ND	150	H	3	
22	8M	GWELO	RHS	2956E	1931S	G	500	ND	150	H	3	
22	0	BELLE	SEN	1218W	1426N	K	50	ND	300	V	4	
22	8P	DIANKE SOUF	SEN	1520W	1414N	K	50	ND	300	V	4	
22	8P	BERBERA	SOM	4502E	1025N	G	5	ND	35	H	2	
22	8M	CHISIMAIO	SOM	4232E	0022S	G	1000	ND	80	H	2	
22	8M	KABALLAH	SRL	1135W	0935N	G	500	D	300	H	5	75/106/5
22	8P	MANZINI	SWZ	3122E	2630S	I	100	ND	300	H	3	
22	0	AM SELEP	TCD	1647E	1323N	K	250	ND	300	H	3	
22	0	AM DAGACHI	TCD	2009E	1224N	K	250	ND	300	H	3	
22	0	D	TCD	1911E	2046N	K	250	ND	300	H	2	
22	0	DOBA	TCD	1651E	0840N	K	250	ND	300	H	5	
22	0	I	TCD	2247E	1623N	K	250	ND	300	H	3	
22	0	MOGROUM	TCD	1525E	1107N	K	250	ND	300	H	3	
22	0	MONGORORO	TCD	2228E	1201N	K	250	ND	300	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
22	0	OUANTAGOI	TCD	1635E	2136N	K	250	ND	300	H	2	
22	0	RIG RIG	TCD	1421E	1416N	K	250	ND	300	H	3	
22	0	ATAKPAME	TGO	0110E	0732N	K	250	ND	300	H	5	
22	0	KAMPALA	UGA	3230E	0020N	G	500	ND	600	H	3	
23	0	BARRACK HILL	ADN	4459E	1247N	I	50	ND	150	H	4	13
23	8P	BUFFELSFONTEIN	AFS	2822E	2331S	I	350	ND	300	H	6	
23	8M	C79	AFS	2140E	2720S	I	350	ND	150	H	2	
23	8P	EAST LONDON	AFS	2749E	3256S	I	500	ND	300	H	6	
23	8M	ESHOWE	AFS	3116E	2852S	I	350	ND	300	H	3	
23	8M	LETABA	AFS	3140E	2349S	I	350	ND	250	H	6	
23	0	S7	AFS	1630E	2635S	I	350	ND	300	H	2	
23	8M	S16	AFS	1750E	2410S	I	350	ND	300	H	2	
23	0	S28	AFS	1650E	2140S	I	350	ND	300	H	2	
23	8M	S45	AFS	1835E	1935S	I	350	ND	300	H	2	
23	0	S48	AFS	1250E	1850S	I	350	ND	300	H	2	
23	8P	S51	AFS	1547E	1850S	I	350	ND	300	H	2	
23	0	TAMANRASSET	ALG	0530E	2250N	H	50	ND	600	H	2	
23	0	AMADA GAZA	CAF	1514E	0446N	K	250	ND	300	H	5	
23	0	BOUDA	CAF	1802E	0430N	K	250	ND	300	H	5	
23	0	BOUE	CAF	1656E	0631N	K	250	ND	300	H	5	
23	0	KAKA	CAF	2602E	0602N	K	250	ND	300	H	5	
23	0	MBANGUI	CAF	2226E	0520N	K	250	ND	300	H	5	
23	0	MBAIKI	CAF	1801E	0353N	K	250	ND	300	H	5	
23	0	MEREKE	CAF	2306E	0730N	K	250	ND	300	H	5	
23	0	NDELE	CAF	1035E	0825N	K	250	ND	300	H	5	
23	8P	AKETI	CGO	2356E	0325N	K	250	ND	300	H	5	
23	8M	DJOLU	CGO	2228E	0034N	K	250	ND	300	H	5	
23	0	KASONGOLUNDA	CGO	1649E	0628S	K	250	ND	300	H	3	
23	8M	KINDU	CGO	2555E	0257S	K	250	ND	300	H	3	
23	8M	KONGOLO	CGO	2659E	0523S	K	250	ND	300	H	3	
23	8P	LUANZA	CGO	2842E	0840S	K	250	ND	300	H	3	
23	8P	LUISA	CGO	2227E	0711S	K	250	ND	300	H	3	
23	8P	MULONGA FUNGA	CGO	2529E	1109N	K	250	ND	300	H	3	
23	0	DIR	CME	1332E	0620N	K	100	ND	300	H	5	
23	0	NKAMBE	CME	1040E	0637N	K	335	ND	300	V	5	
23	0	NKONGSAMBA	CME	0954E	0500N	K	500	ND	600	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	Numéro du canal assigné *Assigned channel number* Número del canal assignado
2	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen
3	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora
4	Symbole désignant le pays *Country symbol* Símbolo designativo del país
5	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora
6	Système de télévision - *Television system* Sistema de televisión
7	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)
8	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena
9	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)
10	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación
11A	Zone climatique - *Climatic zone* Zona climática
11B	Observations *Remarks* Observaciones

1	2	3	4	5		6	7	8	9	10	11A	11B
23	0	NYABESSAM	CME	1025E	0223N	K	335	ND	300	H	5	
23	0	DALO	COG	1635E	0140N	K	250	ND	300	H	5	
23	0	DONGOU	COG	1805E	0204N	K	250	ND	300	H	5	
23	0	KOMONO	COG	1313E	0313S	K	250	ND	300	H	5	
23	0	LIRANGA	COG	1735E	0039S	K	250	ND	300	H	5	
23	0	MBE	COG	1552E	0320S	K	250	ND	300	H	5	
23	0	MOUALI	COG	1527E	0020N	K	250	ND	300	H	5	
23	0	POINTE NOIRE	COG	1151E	0444S	K	250	ND	300	H	5	
23	8M	ASSAKRA	CTI	0453W	0622N	K	250	ND	300	H	5	
23	0	BARON	CTI	0538W	0842N	K	250	ND	300	V	5	
23	0	DALOA	CTI	0627W	0653N	K	250	ND	300	H	5	
23	0	TEHINI	CTI	0337W	0937N	K	250	ND	300	H	5	
23	8P	KILIBO	DAH	0235E	0835N	K	250	ND	300	H	5	
23	8M	KOTOPONGA	DAH	0132E	1019N	K	250	ND	300	H	3	
23	0	SEGBANA	DAH	0342E	1056N	K	250	ND	300	H	3	
23	0	RAS ZA FARANA	EGY	3240E	2906N	H	500	ND	150	H	2	
23	8P	BONGA	ETH	3614E	0715N	G	250	ND	300	H	6	
23	8M	DAGABUR	ETH	4333E	0815N	G	250	ND	150	H	2	
23	8P	GONDAR	ETH	3725E	1236N	G	250	ND	1200	H	6	
23	0	SULULTA	ETH	3822E	0919N	G	250	ND	1200	H	6	
23	0	MAKOKOU	GAB	1250E	0034N	K	250	ND	300	H	5	
23	0	MOUILA	GAB	1102E	0151S	K	250	ND	300	H	5	
23	8P	POPA	GAB	1216E	0143S	K	250	ND	300	H	5	
23	0	U	GAB	1410E	0054S	K	25	ND	300	H	5	
23	8P	DIDI	GUI	0935W	1133N	K	250	ND	600	H	3	
23	0	FRIA	GUI	1332W	1027N	K	250	ND	300	H	3	
23	0	KOURA	GUI	1412W	1035N	K	50	ND	300	V	4	
23	8M	SEREKOROBA	GUI	1009W	1023N	K	125	ND	300	V	3	
23	0	BONSIEGA	HVO	0011W	1329N	K	100	ND	300	H	3	
23	8P	DOUROULA	HVO	0318W	1235N	K	250	ND	300	H	3	
23	0	TAKOULO	HVO	0049E	1320N	K	335	ND	300	H	3	
23	0	MT KENYA	KEN	3725E	0015S	I	2000	ND	1200	H	3	
23	0	AMANDA	MDG	4623E	2251S	K	250	ND	600	H	3	
23	0	AMBOHIMAMBOARI	MDG	4704E	2102S	K	250	ND	300	H	3	
23	0	AMBOATSARISIMI	MDG	4801E	1733S	K	250	ND	600	H	3	
23	0	ANALAVELONA	MDG	4411E	2237S	K	250	ND	600	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
23	0	ANJANAHARIBE	MDG	4935E	1337S	K	250	ND	600	H	3	
23	0	ANTANIMORA	MDG	4541E	2445S	K	250	ND	600	H	3	
23	0	BELOBAKA	MDG	4541E	1900S	K	250	ND	300	H	3	
23	0	KANDREHO	MDG	4605E	1728S	K	250	ND	300	H	3	
23	0	MAJUNGA	MDG	4620E	1542S	K	100	ND	300	H	3	
23	0	TSIAFAJAVONA	MDG	4716E	1920S	K	100	ND	600	H	3	
23	0	VAKIROHAMENA	MDG	4855E	1500S	K	250	ND	600	H	3	
23	8M	DIOUMDIOURERE	MLI	0154W	1453N	K	25	ND	300	V	3	
23	8P	DIOUMARA	MLI	0834W	1432N	K	250	ND	300	H	3	
23	8M	GENDOU	MLI	0619W	1248N	K	250	ND	300	V	3	
23	0	NEGALA	MLI	0827W	1252N	K	25	ND	300	H	3	
23	8M	OURO ALFAKA	MLI	0419W	1457N	K	250	ND	300	H	3	
23	0	OUTAGOUNA	MLI	0044E	1511N	K	250	ND	300	V	3	
23	8M	Q	MLI	0340W	2345N	K	250	ND	300	H	3	
23	8M	ZINZANA	MLI	0558W	1315N	K	25	ND	300	H	3	
23	0	BILMA	NGR	1253E	1840N	K	250	ND	300	H	2	
23	0	DOSSO	NGR	0312E	1303N	K	250	ND	300	V	3	
23	0	L	NGR	1525E	1830N	K	250	ND	300	H	2	
23	0	ABA	NIG	0723E	0506N	I	250	ND	150	H	5	
23	0	SOKOTO	NIG	0516E	1310N	I	250	ND	150	H	3	
23	0	YOLA	NIG	1229E	0910N	I	250	ND	150	H	5	
23	0	PITONHYACINTHE	REU	5533E	2119S	K	10	ND	600	H	4	
23	0	KALABO NW	RHN	2220E	1430S	G	500	ND	150	H	3	
23	0	KAMPALANJE	RHN	2650E	1330S	G	500	ND	150	H	3	
23	8M	LUSAKA	RHN	2822E	1526S	G	500	ND	150	H	3	
23	0	MEROUE	SDN	3150E	1810N	H	200	ND	300	H	2	14
23	0	PORT SOUDAN	SDN	3713E	1938N	H	200	ND	300	H	3	14
23	8P	SOKHONE	SEN	1622W	1353N	K	150	D	300	V	4	74/100/200/15
23	0	TABADIAN	SEN	1327W	1312N	K	250	D	300	H	4	75/196/50
23	0	VICTORIA	SEY	5529E	0443S	I	50	ND	600	H	4	
23	0	ITALA	SOM	4620E	0247N	G	5	ND	40	H	2	
23	8M	SEFADU	SRL	1059W	0840N	G	100	ND	300	H	5	
23	0	DJEDAA	TCD	1835E	1331N	K	250	ND	300	H	3	
23	0	KOUTOUMA	TCD	1829E	1118N	K	250	ND	300	H	3	
23	0	MILEDE	TCD	1641E	1127N	K	250	ND	300	H	3	
23	0	PALA	TCD	1454E	0922N	K	250	ND	300	H	5	

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
23	0	ASSAHOUN	TGO	0054E	0627N	K	250	ND	300	H	5	
23	8P	ZANZIBAR	ZAN	3915E	0610S	I	250	ND	300	H	4	
24	0	C90	AFS	2018E	2642S	I	350	ND	150	H	2	
24	8P	GENESA	AFS	2404E	2630S	I	350	ND	200	V	2	
24	8M	HEIDELBERG	AFS	2102E	3400S	I	350	D	300	H	1	75/270/10
24	0	HUMANSDORP	AFS	2442E	3356S	I	10	ND	100	H	6	
24	0	KIMBERLEY	AFS	2457E	2905S	I	350	ND	300	H	6	
24	8M	KLERKSDORP	AFS	2641E	2647S	I	10	ND	300	H	6	
24	8P	KOEDOESKOP	AFS	2738E	2451S	I	350	ND	450	H	6	
24	0	LORIESFONTEIN	AFS	1946E	3100S	I	350	ND	300	H	6	
24	8M	NELSPRUIT	AFS	3045E	2532S	I	350	ND	600	H	6	
24	8M	S19	AFS	1630E	2320S	I	350	ND	300	H	2	
24	8M	S34	AFS	1512E	2030S	I	350	ND	300	H	2	
24	8M	S37	AFS	1808E	2045S	I	350	ND	300	H	2	
24	0	S55	AFS	2003E	1852S	I	350	ND	300	H	2	
24	8P	S58	AFS	1430E	1803S	I	350	ND	300	H	2	
24	0	SIBASA	AFS	3013E	2250S	I	350	ND	450	H	6	
24	8P	AMBRIZ	AGL	1304E	0750S	I	250	ND	38	H	3	
24	0	CAUNGULA	AGL	1840E	0820S	I	250	ND	150	H	3	
24	8P	VILA LUSO	AGL	1952E	1145S	I	250	ND	75	H	3	
24	0	GEORGETOWN	ASC	1425W	0756S	I	50	ND	600	H	4	
24	0	BANMESARA	CAF	1748E	0659N	K	250	ND	300	H	5	
24	0	BOMBAIOU	CAF	1633E	0558N	K	250	ND	300	V	5	
24	0	GUITA KOULOUBA	CAF	2315E	0600N	K	250	ND	300	H	5	
24	0	MANGOUPA	CAF	2431E	0548N	K	250	ND	300	H	5	
24	0	MOBAYE	CAF	2055E	0425N	K	250	ND	300	V	5	
24	0	BANNINGVILLE	CGO	1720E	0317S	K	250	ND	300	H	3	
24	8M	BENA DIBELE	CGO	2251E	0355S	K	250	ND	300	H	3	
24	8P	BIGI	CGO	2225E	0302N	K	250	ND	300	V	5	
24	8P	BONGANDANGA	CGO	2101E	0130N	K	250	ND	300	H	5	
24	8M	BOSOBOLO	CGO	1955E	0413N	K	250	ND	300	H	5	
24	8M	ISANGI	CGO	2410E	0046N	K	250	ND	300	H	5	
24	8M	KANIAMA	CGO	2412E	0732S	K	250	ND	300	H	3	
24	8M	KASENGA	CGO	2844E	1017S	K	250	ND	300	H	3	
24	8P	KIMVULA	CGO	1549E	0554S	K	250	ND	300	H	3	
24	0	KIRI	CGO	1900E	0123S	K	250	ND	300	V	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
24	8M	KISANDJI	CGO	1916E	0618S	K	250	ND	300	V	3	
24	8M	LUBERO	CGO	2913E	0010S	K	250	ND	300	H	3	
24	0	MATADI	CGO	1326E	0548S	K	250	ND	300	V	3	
24	8M	PORT FRANCQUI	CGO	2077E	0417S	K	250	ND	300	H	3	
24	0	SHABUNDA	CGO	2720E	0241S	K	250	ND	300	H	3	
24	8P	SOKELE	CGO	2440E	0954S	K	250	ND	300	H	3	
24	0	WAMBA	CGO	2758E	0212N	K	250	ND	300	H	5	
24	0	BORGOU	CME	1447E	0655N	K	100	ND	300	H	5	
24	0	EDEA	CME	1008E	0347N	K	250	ND	300	V	5	
24	0	EDJOM	CME	1159E	0319N	K	100	ND	300	V	5	
24	8M	MALETCHEN	CME	1401E	0229N	K	250	ND	300	H	5	
24	0	MOKOLO	CME	1348E	1047N	K	250	ND	600	V	5	
24	0	OTOUMKWAN	CME	1448E	0328N	K	250	ND	300	H	5	
24	0	TABOUN	CME	1406E	0815N	K	100	ND	600	H	5	
24	0	TOURAKE	CME	1357E	0537N	K	250	ND	300	V	5	
24	0	IZANA	CNR	1630W	2830N	G	100	ND	900	H	4	
24	0	DOLISIE	COG	1240E	0410S	K	250	ND	300	H	5	
24	0	LIOUESSO	COG	1543E	0104N	K	250	ND	300	H	5	
24	0	OKOYO	COG	1504E	0128S	K	250	ND	300	H	5	
24	0	GUITRI	CTI	0514W	0531N	K	25	ND	300	H	5	
24	0	SAMA	CTI	0802W	0751N	K	250	ND	300	H	5	
24	0	TANFROFOU	CTI	0407W	0618N	K	250	ND	300	H	5	
24	8P	ABOMEY	DAH	0131E	0714N	K	250	ND	300	H	5	
24	0	NIASSI	DAH	0303E	0937N	K	335	ND	300	H	5	
24	0	HURGHADA	EGY	3350E	2715N	H	500	ND	150	H	2	
24	8M	CARACORE	ETH	3958E	1028N	G	250	ND	150	H	6	
24	8M	DEMBIDOLO	ETH	3438E	0836N	G	250	ND	150	H	6	
24	8M	KEREN	ETH	3828E	1545N	G	250	ND	150	H	6	
24	8M	FOUNA	GAB	1113E	0023S	K	250	ND	300	H	5	
24	8M	MINKEBE	GAB	1246E	0151N	K	250	ND	300	H	5	
24	8M	KEREWAN	GMB	1605W	1329N	I	250	D	300	H	4	74/300/360/50
24	0	NSOC	GNE	1116E	0108N	G	50	ND	75	H	5	
24	8M	BARANAMA	GUI	0846W	1008N	K	250	ND	300	V	3	
24	0	KOUROUSSA	GUI	0952W	1043N	K	250	ND	300	H	3	
24	0	LENNTE	GUI	1313W	1116N	K	250	D	300	H	3	75/32/2,5
24	0	OULO OULOKO	GUI	0815W	1002N	K	250	D	300	H	3	75/173/2,5

1	2	3	4	5	6	7	8	9	10	11A	11B
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24	8P	SEKOUROU	GUI	1251W 0937N	K	250	ND	1200	H	5	
24	0	SINO	GUI	0906W 1156N	K	250	D	300	H	3	75/14/2,5
24	8M	DIAPAGA	HVO	0147E 1204N	K	335	ND	300	H	3	
24	0	KOUPELA	HVO	0021W 1211N	K	250	ND	300	V	3	
24	8M	SELBA	HVO	0140W 1428N	K	335	ND	300	H	3	
24	0	TITA	HVO	0231W 1156N	K	250	ND	300	H	3	
24	0	TEITA	KEN	3820E 0325S	I	1000	ND	300	H	3	
24	0	AMPOSINAMBO	MDG	4805E 2032S	K	250	ND	600	H	3	
24	0	ANDAPA	MDG	4941E 1442S	K	250	ND	300	H	3	
24	0	ANTSALOVA	MDG	4438E 1840S	K	250	ND	300	H	3	
24	0	BEDASY	MDG	4652E 1842S	K	250	ND	300	H	3	
24	0	BEHELOKA	MDG	4908E 1656S	K	250	ND	600	H	3	
24	0	BEKODOKA	MDG	4506E 1658S	K	250	ND	300	H	3	
24	0	BELO S MER	MDG	4400E 2044S	K	250	ND	300	H	3	
24	0	LAZARIVO	MDG	4458E 2354S	K	250	ND	300	H	3	
24	0	MANINTSY	MDG	4548E 2044S	K	250	ND	600	H	3	
24	0	MORAMANGA	MDG	4815E 1857S	K	250	ND	300	H	3	
24	0	RANOHIRA	MDG	4523E 2233S	K	250	ND	600	H	3	
24	0	SAHANASY	MDG	4644E 2406S	K	250	ND	600	H	3	
24	0	TSINOJONYTONDR	MDG	4705E 1540S	K	250	ND	300	H	3	
24	0	Y	MDG	4714E 1706S	K	250	ND	300	H	3	
24	8P	BORENTA	MLI	0119W 1549N	K	250	ND	300	V	3	
24	8P	C	MLI	0250E 1820N	K	250	ND	300	H	2	
24	8P	DIEMESSOGOU	MLI	0357W 1400N	K	250	ND	300	V	3	
24	8P	EL KABARA	MLI	1106W 1512N	K	25	ND	300	V	3	
24	0	I	MLI	0430W 2020N	K	250	ND	300	H	2	
24	8M	OURIKELA	MLI	0504W 1207N	K	250	ND	300	V	3	
24	0	POGO	MLI	0555W 1354N	K	250	ND	300	H	3	
24	8M	TESSALIT	MLI	0100E 2013N	K	250	ND	300	H	2	
24	8P	TOUKOTO	MLI	0952W 1328N	K	250	ND	300	V	3	
24	8P	TOUROUME	MLI	0759W 1518N	K	250	D	300	H	3	74/270/30/2,5
24	8M	CHINDE	MOZ	3628E 1835S	I	250	ND	38	H	5	
24	8P	VILA GOUVEIA	MOZ	3310E 1804S	I	250	ND	150	H	3	
24	8M	B	MTN	1432W 2120N	K	250	ND	300	H	4	
24	8P	MBOUT	MTN	1235W 1601N	K	125	D	300	H	4	74/90/180/10
24	8P	MORIBOUGOU	MTN	0929W 1531N	K	125	D	300	H	3	74/90/240/10

1	2	3	4	5	6	7	8	9	10	11A	11B
24	0	BOSSO	NGR	1316E 1344N	K	250	ND	300	H	3	
24	0	EMI FRAHA	NGR	1250E 2238N	K	250	ND	300	H	2	
24	0	KOKOBE FANDOU	NGR	0236E 1352N	K	250	ND	300	H	3	
24	0	MALLAOUA	NGR	0934E 1301N	K	250	ND	300	H	3	
24	8P	CHIPATA	NYA	3355E 1304S	G	500	ND	150	H	3	
24	8M	CHINSALI	RHN	3204E 1032S	G	500	ND	150	H	3	
24	8P	RUFUNSA	RHN	2935E 1503S	G	500	ND	150	H	3	
24	0	SALISBURY	RHS	3104E 1747S	G	500	ND	300	H	3	
24	0	SHAKWANKI SPRI	RHS	2620E 1915S	G	500	ND	150	H	3	
24	0	KIGALI	RRW	3003E 0157S	K	250	ND	300	H	3	
24	8M	EL GUENEINA	SDN	2350E 1310N	H	200	ND	300	H	3	14
24	0	OUAOU	SDN	2804E 0740N	H	200	ND	300	H	5	14
24	8P	KEDOUGOU	SEN	1223W 1232N	K	50	D	500	H	4	74/100/250/5
24	0	X	SEN	1500W 1600N	K	50	ND	300	V	4	
24	8M	Z	SEN	1354W 1436N	K	50	ND	300	V	4	
24	8M	BELET UEN	SOM	4511E 0445N	G	20	ND	100	H	2	
24	8M	DINSOR	SOM	4300E 0225N	G	5	ND	60	H	2	
24	8P	GALCAID	SOM	4725E 0645N	G	5	ND	180	H	2	
24	0	ABOUKOUSOUM	TCD	2112E 1155N	K	250	ND	300	H	3	
24	0	AZI	TCD	1820E 1223N	K	250	ND	300	H	3	
24	0	DOGOUMBO	TCD	1647E 1003N	K	250	ND	300	H	3	
24	0	GAYAM	TCD	1754E 0919N	K	250	ND	300	V	5	
24	0	KOURI OBATARI	TCD	1605E 1317N	K	250	ND	300	V	3	
24	0	M	TCD	2340E 1845N	K	250	ND	300	H	2	
24	8M	MOUNDOU	TCD	1605E 0835N	K	250	ND	300	V	5	
24	0	Q	TCD	1630E 2300N	K	250	ND	300	H	2	
24	0	TROAN	TCD	2132E 1346N	K	250	ND	300	V	3	
24	0	YODEI	TCD	1722E 2036N	K	250	ND	300	H	2	
24	0	GUERIN KOUKA	TGO	0037E 0941N	K	250	ND	300	H	5	
25	8P	BLOEMFONTEIN	AFS	2614E 2906S	I	350	ND	300	H	6	
25	0	CALA	AFS	2742E 3132S	I	350	ND	300	H	6	
25	0	CLIFTON	AFS	2328E 2818S	I	350	ND	300	H	6	
25	0	JOHANNESBURG	AFS	2800E 2612S	I	700	ND	300	H	6	
25	8M	NYITINYE	AFS	2934E 2906S	I	350	ND	600	H	6	
25	8M	POTGIETERSRUST	AFS	2915E 2410S	I	350	ND	600	H	6	
25	8P	S3	AFS	1657E 2720S	I	350	ND	300	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
25	8M	S11	AFS	1615E 2510S	I	350	ND	300	H	2	
25	0	S13	AFS	1850E 2510S	I	350	ND	300	H	2	
25	8P	S25	AFS	1806E 2225S	I	350	ND	300	H	2	
25	8M	S65	AFS	2125E 1802S	I	350	ND	300	H	2	
25	8M	AVIZ	AGL	1322E 1632S	I	250	ND	75	H	3	
25	8P	CUANGAR	AGL	1831E 1720S	I	250	ND	38	H	3	
25	0	SILVA PORTO	AGL	1655E 1244S	I	250	ND	75	H	3	
25	8P	OUSOUMBOURA	BDI	2921E 0323S	K	50	ND	100	H	5	14
25	0	BOSSANGOA	CAF	1727E 0630N	K	250	ND	300	H	5	
25	0	GOUBERE	CAF	2645E 0550N	K	250	ND	300	H	5	
25	0	GRIMARI	CAF	2001E 0535N	K	250	ND	300	H	5	
25	0	J	CAF	2320E 0930N	K	250	ND	300	H	5	
25	0	MADONGUERE	CAF	2059E 0635N	K	250	ND	300	H	5	
25	0	OUANGO	CAF	2231E 0417N	K	250	ND	300	H	5	
25	8M	ARUMBI	CGO	3001E 0232N	K	250	ND	300	H	5	
25	8P	COQUILHATVILLE	CGO	1818E 0001S	K	250	ND	300	H	5	
25	8P	KALOKO	CGO	2547E 0647S	K	250	ND	300	H	3	
25	0	OPALA	CGO	2430E 0037S	K	250	ND	300	H	3	
25	8P	POKO	CGO	2652E 0308N	K	250	ND	300	H	5	
25	8M	SANGE	CGO	2820E 0701S	K	250	ND	300	H	3	
25	0	THYSVILLE	CGO	1453E 0512S	K	250	ND	300	H	3	
25	8M	ULAMBA	CGO	2341E 0909S	K	250	ND	300	H	3	
25	0	NGOEMETAK	CME	1250E 0355N	K	250	ND	300	H	5	
25	0	TAPARE	CME	1224E 0603N	K	100	ND	300	H	5	
25	0	TCHAMBA	CME	1243E 0840N	K	335	ND	600	H	5	
25	0	IMPE	COG	1515E 0245S	K	250	ND	300	H	5	
25	0	KINGOUE	COG	1409E 0343S	K	250	ND	300	H	5	
25	0	MABIROU	COG	1545E 0110S	K	250	ND	300	H	5	
25	0	MOGOUNDOU	COG	1811E 0223N	K	250	ND	300	H	5	
25	0	FERKESSEDOUGOU	CTI	0510W 0935N	K	250	ND	300	V	5	
25	0	GUEYA	CTI	0757W 0635N	K	250	ND	300	H	5	
25	0	GUIBEROU	CTI	0610W 0616N	K	250	ND	300	H	5	
25	0	KANDOU KOUASSI	CTI	0433W 0725N	K	250	ND	300	H	5	
25	0	SEGUELA	CTI	0640W 0758N	K	250	ND	300	H	5	
25	0	TABOU	CTI	0721W 0424N	K	250	ND	300	H	5	
25	0	NDALI	DAH	0243E 0951N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
25	8M	TANGUIETA	DAH	0118E 1036N	K	250	ND	300	V	3	
25	0	IDFU	EGY	3249E 2500N	H	500	ND	150	H	2	
25	0	MAGHAGHA	EGY	3050E 2838N	H	500	ND	150	H	2	
25	8M	MANSOURA	EGY	3116E 3106N	H	500	D	300	H	2	11 74/330/30/200
25	0	MUT	EGY	2855E 2530N	H	500	ND	150	H	2	
25	8M	CENCIA	ETH	3726E 0607N	G	250	ND	1200	H	6	
25	0	LEKEMPTI	ETH	3645E 0910N	G	250	ND	1200	H	6	
25	8P	MEGA	ETH	3819E 0404N	G	250	ND	600	H	2	
25	8P	SIRE	ETH	3930E 0817N	G	250	ND	300	H	6	
25	0	OMBOUE	GAB	0916E 0135S	K	335	ND	300	H	5	
25	8P	DINGUIRAYE	GUI	1043W 1119N	K	250	ND	600	H	3	
25	8M	LEO	HVO	0206W 1153N	K	500	ND	300	H	3	
25	8P	MADJORI	HVO	0108E 1126N	K	335	ND	300	H	3	
25	0	NAMISSIGUIMA	HVO	0117W 1331N	K	250	ND	300	V	3	
25	8P	TOMWAKA	HVO	0144W 1319N	K	250	ND	300	H	3	
25	0	AMBATOMAHABO	MDG	4509E 2008S	K	250	ND	300	H	3	
25	0	AMKILIMIGANA	MDG	4522E 2524S	K	250	ND	300	H	3	
25	0	FAMPAMENA	MDG	4355E 2356S	K	250	ND	300	H	3	
25	0	FENOARIVO	MDG	4624E 2144S	K	250	ND	300	H	3	
25	0	IVOHIBE EST	MDG	4658E 2230S	K	250	ND	600	H	3	
25	0	IVOHIBE OUEST	MDG	4540E 2343S	K	250	ND	600	H	3	
25	0	MAHANORO	MDG	4849E 1954S	K	250	ND	300	H	3	
25	0	MANDROSOARIVO	MDG	4544E 1828S	K	250	ND	300	H	3	
25	0	MAROSETANANA	MDG	4855E 1833S	K	250	ND	600	H	3	
25	0	MAROVATO	MDG	4805E 1547S	K	250	ND	300	H	3	
25	0	MIARINARIVO	MDG	4814E 1637S	K	100	ND	300	H	3	
25	0	SITAMPIKY	MDG	4606E 1640S	K	250	D	300	H	3	74/325/340/25
25	0	VOHIPANANY	MDG	4735E 2108S	K	500	ND	300	H	3	
25	0	VORONDOLO	MDG	4710E 2011S	K	250	ND	600	H	3	
25	8P	BAFOULABE	MLI	1050W 1348N	K	250	ND	300	V	3	
25	0	BAMAKO	MLI	0801W 1239N	K	250	ND	300	H	3	
25	0	BORO	MLI	0731W 1401N	K	250	ND	300	H	3	
25	8M	DAMA	MLI	0609W 1215N	K	250	ND	300	H	3	
25	8M	KATABANTANKOTO	MLI	0954W 1254N	K	25	ND	600	V	3	
25	8M	MBANA	MLI	0254W 1425N	K	25	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
25	8M	TIEN	MLI	0635W 1040N	K	250	ND	300	H	3	
25	8M	TYELE	MLI	0734W 1219N	K	250	ND	300	H	3	
25	8M	MANIAMBA	MOZ	3456E 1246S	I	250	ND	75	H	3	
25	0	MARRUPA	MOZ	3730E 1312S	I	250	ND	75	H	3	
25	8M	MUTARARA	MOZ	3505E 1727S	I	250	ND	150	H	3	
25	0	PORTO AMELIA	MOZ	4029E 1258S	I	250	ND	38	H	5	
25	8P	EL RHEOUYA	MTN	0635W 2550N	K	250	ND	300	H	2	
25	8P	KAEDI	MTN	1330W 1609N	K	50	D	300	H	4	74/150/280/2,5
25	0	LEGAT	MTN	1450W 1646N	K	250	D	300	H	4	74/120/270/25
25	0	OUADANE	MTN	1138W 2047N	K	250	ND	300	H	2	
25	0	TICHIT	MTN	0929W 1829N	K	250	ND	300	H	2	
25	0	IBADAN	NIG	0356E 0724N	I	250	ND	150	H	5	
25	8M	BALOVALE WEST	RHN	2243E 1328S	G	500	ND	150	H	3	
25	0	ED DAMER	SDN	3353E 1735N	H	200	ND	300	H	3	14
25	0	BAKEL	SEN	1235W 1458N	K	50	D	300	V	4	74/330/110/5
25	8M	GASSANE	SEN	1518W 1449N	K	50	ND	300	V	4	
25	0	DJIBOUTI	SMF	4309E 1135N	K	1	ND	75	H	2	
25	8P	GELIB	SOM	4247E 0028N	G	1	ND	40	H	2	
25	8P	MANZINI	SWZ	3122E 2630S	I	100	ND	300	H	3	
25	0	BOLI	TCD	1843E 1051N	K	250	ND	300	H	3	
25	0	KONKOUNDJA	TCD	1522E 0828N	K	250	ND	300	H	5	
25	0	IRINGA	TGK	3545E 0750S	I	500	ND	300	H	3	
25	8P	PAGALA	TGO	0053E 0813N	K	250	ND	300	H	5	
25	0	KAMPALA	UGA	3230E 0020N	G	500	ND	600	H	3	
26	0	BARRACK HILL	ADN	4459E 1247N	I	50	ND	150	H	4	13
26	8M	C79	AFS	2140E 2720S	I	350	ND	150	H	2	
26	0	C.TOWN MAJOR	AFS	1823E 3403S	I	350	ND	700	H	1	
26	8P	EAST LONDON	AFS	2749E 3256S	I	500	ND	300	H	6	
26	0	GRAAF REINET	AFS	2431E 3217S	I	10	ND	100	H	6	
26	0	HOUMOED	AFS	1953E 2912S	I	350	ND	300	H	2	
26	8M	LETABA	AFS	3140E 2349S	I	350	ND	250	H	6	
26	0	MOUNT AYLIFF	AFS	2924E 3050S	I	350	ND	600	H	6	
26	8M	S16	AFS	1750E 2410S	I	350	ND	300	H	2	
26	0	S28	AFS	1650E 2140S	I	350	ND	300	H	2	
26	8M	S45	AFS	1835E 1935S	I	350	ND	300	H	2	
26	0	S48	AFS	1250E 1850S	I	350	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
26	8P	S51	AFS	1547E 1850S	I	350	ND	300	H	2	
26	8M	SNYERSPOST	AFS	2251E 3204S	I	350	ND	300	H	6	
26	8P	SWARTWATER	AFS	2815E 2215S	I	350	ND	300	H	6	
26	0	ALINDAO	CAF	2118E 0502N	K	250	ND	300	H	5	
26	0	BOCARANGA	CAF	1538E 0659N	K	250	ND	300	H	5	
26	8M	BOUBAERE	CAF	1730E 0443N	K	250	ND	300	H	5	
26	0	F	CAF	2525E 0700N	K	250	ND	300	H	5	
26	0	FT SIBUT	CAF	1905E 0544N	K	250	ND	300	H	5	
26	0	MBALA	CAF	2049E 0746N	K	250	ND	300	H	5	
26	8M	ALBERTVILLE	CGO	2911E 0554S	K	250	ND	300	H	3	
26	0	BANZALI	CGO	2445E 0434N	K	250	ND	300	H	5	
26	8P	BANGADI	CGO	2751E 0450N	K	250	ND	300	H	5	
26	0	DUYE	CGO	2856E 0149N	K	250	ND	300	H	5	
26	8P	KOLWEZI	CGO	2527E 1047S	K	250	ND	300	H	3	
26	8M	LUKOLELA	CGO	1711E 0107S	K	250	ND	300	V	3	
26	0	LUSAMBO	CGO	2326E 0457S	K	250	ND	300	H	3	
26	0	MITWABA	CGO	2720E 0838S	K	250	ND	300	H	3	
26	8P	MOLIRO	CGO	3031E 0811S	K	250	ND	300	H	3	
26	8M	WATSA	CGO	2928E 0303N	K	250	ND	300	V	5	
26	0	KOMBONE	CME	0926E 0459N	K	250	ND	300	H	5	
26	0	KOYA	CME	1432E 0436N	K	335	ND	300	H	5	
26	0	TIBATI	CME	1237E 0627N	K	100	ND	300	H	5	
26	0	B	COG	1800E 0325N	K	250	ND	300	H	5	
26	0	C	COG	1610E 0235N	K	250	ND	300	H	5	
26	0	EKOUAMOU	COG	1630E 0006N	K	250	ND	300	H	5	
26	0	G	COG	1450E 0200S	K	250	ND	300	H	5	
26	0	MOUNGOUDOU	COG	1245E 0239S	K	250	ND	300	V	5	
26	0	ANJOUAN S	COM	4430E 1219S	K	10	ND	900	H	4	
26	0	GR COMORE W	COM	4314E 1145S	K	10	ND	300	H	4	
26	8P	DYENGOLE	CTI	0740W 0931N	K	250	ND	600	V	5	
26	0	KANGUELE	CTI	0337W 0824N	K	250	ND	300	H	5	
26	0	LONEN KANA	CTI	0657W 0705N	K	250	ND	300	H	5	
26	8M	NOFOU	CTI	0442W 0650N	K	250	ND	300	H	5	
26	8M	KEROU	DAH	0206E 1050N	K	250	ND	300	H	3	
26	8P	PREKETE	DAH	0138E 0840N	K	335	ND	300	H	5	
26	0	RAS ABU DARAG	EGY	3230E 2924N	H	500	ND	150	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
26	8P	BONGA	ETH	3614E 0715N	G	250	ND	300	H	6	
26	8M	DAGABUR	ETH	4333E 0815N	G	250	ND	150	H	2	
26	8P	GONDAR	ETH	3725E 1236N	G	250	ND	1200	H	6	
26	0	SULULTA	ETH	3822E 0919N	G	250	ND	1200	H	6	
26	8P	MIMONGO	GAB	1145E 0142S	K	250	ND	300	H	5	
26	0	OMVANE	GAB	1156E 0110N	K	250	ND	300	H	5	
26	0	Y	GAB	1400E 0008N	K	250	ND	300	H	5	
26	0P	WULEHE	GHA	0000W 0832N	K	50	ND	100	H	5	
26	8P	DENTILLA	GUI	1008W 1119N	K	250	D	300	H	3	75/345/2,5
26	8M	FARANAH	GUI	1045W 1002N	K	250	ND	300	H	3	
26	0	GUEKEDOU	GUI	1009W 0833N	K	250	ND	300	H	5	
26	0	KOURAKOTO	GUI	1348W 1057N	K	250	ND	300	H	3	
26	8P	YOUKOUNKOUN	GUI	1307W 1232N	K	250	ND	300	H	3	
26	0	BAOLA	HVO	0042W 1344N	K	100	ND	300	H	3	
26	8M	NOBERE	HVO	0140W 1137N	K	250	ND	300	H	3	
26	0	MERU	KEN	3740E 0003N	I	1000	ND	1200	H	3	
26	8P	ROBERTS PORT	LBR	1122W 0645N	H	250	D	300	V	4	75/33/25
26	0	GHAT	LBY	1020E 2455N	G	100	ND	150	H	2	
26	0	AMBONDRO	MDG	4500E 1933S	K	250	ND	300	H	3	
26	0	AMPANIHY	MDG	4455E 2441S	K	250	ND	300	H	3	
26	0	ANALAVASA	MDG	4902E 1333S	K	25	ND	300	H	3	
26	0	ANDRANOTABAKA	MDG	4816E 1804S	K	250	ND	300	H	3	
26	0	ANDRIAMENA	MDG	4732E 1724S	K	250	ND	600	H	3	
26	0	ANKILIMASY	MDG	4433E 2121S	K	250	ND	300	H	3	
26	0	ANTANIMARIROKA	MDG	4653E 2306S	K	250	ND	600	H	3	
26	0	BEFANDRIANA	MDG	4835E 1512S	K	100	ND	600	H	3	
26	0	IVATO	MDG	4741E 2237S	K	250	ND	300	H	3	
26	0	MAINTY	MDG	4540E 1742S	K	250	ND	300	H	3	
26	0	MANANTENINA	MDG	4719E 2417S	K	250	ND	300	H	3	
26	0	MAROANTSETRA	MDG	4944E 1526S	K	250	ND	300	H	3	
26	0	SAKAMAHILY	MDG	4553E 2249S	K	250	ND	300	H	3	
26	0	VATOMANDRY	MDG	4859E 1921S	K	250	ND	300	H	3	
26	0	VAVATENINA	MDG	4912E 1728S	K	250	ND	300	H	3	
26	0	VOTOVORONA	MDG	4643E 2053S	K	250	ND	600	H	3	
26	8P	BARWELI	MLI	0650W 1305N	K	250	ND	300	H	3	
26	8M	BOUGOUNI	MLI	0730W 1126N	K	250	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
26	0	BOUNDJIGIRE	MLI	0651W 1453N	K	250	ND	300	H	3	
26	8M	GANA	MLI	0232W 1511N	K	250	ND	900	V	3	
26	8M	KAMA	MLI	1033W 1254N	K	250	ND	300	H	3	
26	0	O	MLI	0510W 2110N	K	250	ND	300	H	3	
26	8P	S	MLI	0230E 2000N	K	250	ND	300	H	3	
26	8P	SANANGA	MLI	0454W 1513N	K	25	ND	300	H	3	
26	8M	SAN	MLI	0453W 1318N	K	250	ND	300	H	3	
26	0	SIKASSO	MLI	0557W 1110N	K	50	ND	600	V	3	
26	0	TIBESSA	MLI	0850W 1302N	K	250	ND	300	H	3	
26	0	V	MLI	0000W 1520N	K	25	ND	300	V	3	
26	8P	NAMAACHA	MOZ	3200E 2557S	I	250	ND	75	H	3	
26	8M	A	MTN	1511W 2020N	K	250	ND	300	H	4	
26	8M	MAGHAMA	MTN	1252W 1532N	K	250	D	300	H	4	74/130/270/25
26	0	AOUDERAS	NGR	0818E 1737N	K	250	ND	300	H	3	
26	0	B	NGR	0438E 1610N	K	250	ND	300	H	3	
26	0	G	NGR	1010E 2208N	K	250	ND	300	H	2	
26	0	MIR	NGR	1200E 1405N	K	250	ND	300	H	3	
26	0	OUALLAM	NGR	0205E 1419N	K	250	ND	300	V	3	
26	0	SOKOTO	NIG	0516E 1310N	I	250	ND	150	H	3	
26	0	YOLA	NIG	1229E 0910N	I	250	ND	150	H	5	
26	8P	MZUZU	NYA	3400E 1126S	G	500	ND	150	H	3	
26	0	LIVINGSTONE	RHN	2558E 1753S	G	500	ND	150	H	3	
26	0	KASSALA	SDN	3630E 1524N	H	200	ND	300	H	3	14
26	8M	KOUNGHEUL	SEN	1447W 1358N	K	50	ND	300	V	4	
26	0	MBELOGNEBAYEDI	SEN	1542W 1606N	K	50	ND	300	V	4	
26	0	ZIGUINCHOR	SEN	1615W 1235N	K	335	ND	300	V	4	
26	0	JAMESTOWN	SHN	0543W 1536S	I	50	ND	600	H	4	
26	8M	ODDUR	SOM	4455E 0407N	G	10	ND	80	H	2	
26	0	ABGE	TCD	1931E 1157N	K	250	ND	300	H	3	
26	0	ABOUGARGA	TCD	1624E 1158N	K	250	ND	300	H	3	
26	0	ALIFA	TCD	1755E 1250N	K	250	ND	300	H	3	
26	0	KOUMRA	TCD	1733E 0855N	K	250	ND	300	H	5	
26	0	SHINYANGA	TGK	3325E 0340S	I	500	ND	150	H	3	
26	8M	PIC BAUMANN	TGO	0046E 0652N	K	250	ND	600	H	5	
26	8P	CHAKE CHAKE	ZAN	3946E 0514S	I	100	ND	300	H	4	
27	8M	DURBAN	AFS	3043E 2946S	I	500	ND	450	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
27	8P	KOEDOESKOP	AFS	2738E 2451S	I	350	ND	450	H	6	
27	8M	LADISMITH	AFS	2117E 3329S	I	10	ND	100	H	6	
27	0	LORIESFONTEIN	AFS	1946E 3100S	I	350	ND	300	H	6	
27	8M	LYDENBURG	AFS	3024E 2510S	I	10	ND	150	H	6	
27	0	MESSINA	AFS	3001E 2219S	I	10	ND	150	H	6	
27	8M	S34	AFS	1512E 2030S	I	350	ND	300	H	2	
27	8M	S37	AFS	1808E 2045S	I	350	ND	300	H	2	
27	0	MAFETENG	BAS	2730E 2950S	I	100	ND	300	H	6	
27	8P	AMBRIZ	AGL	1304E 0750S	I	250	ND	38	H	3	
27	0	CAUNGULA	AGL	1840E 0820S	I	250	ND	150	H	3	
27	0	SA DA BANDEIRA	AGL	1331E 1456S	I	250	ND	300	H	3	
27	8P	GUERA	AOE	1700W 2022N	G	50	ND	75	H	4	
27	0	MAUN	BCH	2330E 2200S	I	100	ND	300	H	2	
27	0	BAKALA	CAF	2025E 0610N	K	250	ND	300	H	5	
27	0	BAKOUMA	CAF	2257E 0545N	K	250	ND	300	H	5	
27	0	BANGOROKOTA	CAF	1655E 0733N	K	250	ND	300	V	5	
27	0	BEKADILI	CAF	1648E 0528N	K	250	ND	300	H	5	
27	0	BOUGA	CAF	1818E 0631N	K	250	ND	300	H	5	
27	0	G	CAF	2500E 0740N	K	250	ND	300	H	5	
27	0	IPPY	CAF	2104E 0602N	K	250	ND	300	H	5	
27	0	MAMERE	CAF	1953E 0854N	K	250	ND	300	H	5	
27	0	OUADDA	CAF	2219E 0807N	K	250	ND	300	H	5	
27	0	BAFWABOLI	CGO	2608E 0047N	K	250	ND	300	H	5	
27	8M	BUTA	CGO	2447E 0247N	K	100	ND	300	H	5	
27	8M	FESHI	CGO	1808E 0607S	K	250	ND	300	H	3	
27	0	ITOKO	CGO	2148E 0100S	K	250	ND	300	H	3	
27	0	KABAMBARE	CGO	2739E 0441S	K	250	ND	300	H	3	
27	8P	KABUNDI	CGO	2714E 1006S	K	100	ND	300	H	3	
27	8M	KALIMA	CGO	2632E 0236S	K	250	ND	300	H	3	
27	0	KAPONGOLO	CGO	2812E 0751S	K	250	ND	300	H	3	
27	8M	MANGAI	CGO	1933E 0402S	K	250	ND	300	V	3	
27	8M	MUSHIE	CGO	1655E 0301S	K	250	ND	300	H	3	
27	8P	MWENE DITU	CGO	2326E 0650S	K	250	ND	300	H	3	
27	8M	PAULIS	CGO	2738E 0246N	K	250	ND	300	H	5	
27	0	TSHIKAPA	CGO	2048E 0628S	K	250	ND	300	H	3	
27	8M	YAKOMA	CGO	2223E 0404N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
27	8P	BAFOUSSAM	CME	1025E 0527N	K	250	ND	600	H	5	
27	8P	BERTOUA	CME	1341E 0433N	K	250	ND	500	H	5	
27	8M	DOUALA	CME	0947E 0404N	K	250	ND	300	V	5	
27	0	MAGADJIBONGBON	CME	1214E 0733N	K	250	ND	600	H	5	
27	0	MOLOUNDOU	CME	1521E 0211N	K	335	ND	300	H	5	
27	8P	OVENG	CME	1215E 0224N	K	335	ND	300	H	5	
27	0	POLI	CME	1315E 0829N	K	100	ND	600	V	5	
27	0	TCHEVI	CME	1330E 1010N	K	335	ND	600	H	5	
27	8P	WOMI	CME	1400E 0730N	K	250	ND	300	H	5	
27	0	YAOUNDE	CME	1129E 0354N	K	250	ND	600	H	5	
27	0	GANDOU	COG	1728E 0228N	K	250	ND	300	V	5	
27	0	IBANGUI	COG	1604E 0028N	K	250	ND	300	V	5	
27	0	LEKANA	COG	1435E 0219S	K	250	ND	600	H	5	
27	0	MAYAMA	COG	1452E 0349S	K	250	ND	600	H	5	
27	0	MBOKO SONGO	COG	1338E 0422S	K	250	ND	600	H	5	
27	0	MAYOTTE	COM	4509E 1252S	K	100	D	600	H	4	74/75/190/10
27	0	BENAOUIN	CTI	0346W 0634N	K	250	ND	300	H	5	
27	0	BOUNDIALI	CTI	0630W 0930N	K	250	ND	300	V	5	
27	8P	GRAND LAHOU	CTI	0500W 0508N	K	250	ND	300	H	5	
27	0	GRABO	CTI	0730W 0444N	K	250	ND	300	H	5	
27	0	KONG	CTI	0437W 0909N	K	250	ND	300	V	5	
27	0	MT TONKOUI	CTI	0738W 0727N	K	335	D	600	H	5	75/116/3.5
27	8P	TOUBA	CTI	0738W 0813N	K	250	ND	600	V	5	
27	8M	ABOMEY CALAVI	DAH	0225E 0630N	K	250	ND	300	H	5	
27	8P	FOUNONGO	DAH	0232E 1129N	K	335	ND	300	H	3	
27	8P	GEMSA	EGY	3332E 2741N	H	500	ND	150	H	2	
27	0	TEMA	EGY	3126E 2654N	H	500	ND	150	H	2	
27	8M	CARACORE	ETH	3958E 1028N	G	250	ND	150	H	6	
27	8P	MAJI	ETH	3536E 0611N	G	250	ND	600	H	2	
27	0	MALEMBE	GAB	1057E 0336S	K	250	ND	300	H	5	
27	8M	MEKAMBO	GAB	1356E 0100N	K	250	ND	300	H	5	
27	0	MIBEMA	GAB	1144E 0109S	K	250	ND	300	H	5	
27	0	NTOUM	GAB	0946E 0020N	K	250	ND	300	H	5	
27	8P	DALABA	GUI	1215W 1043N	K	250	ND	600	H	3	
27	8M	KANDIAFARA	GUI	1442W 1118N	K	250	D	300	H	4	75/329/2.5
27	8P	KINDIA	GUI	1254W 1004N	K	250	ND	600	V	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
27	0	KONKOUBA	GUI	1447W	1045N	K	250	D	150	V	4	75/338/25
27	8M	MADINA	GUI	1119W	1031N	K	125	ND	300	H	3	
27	0	PAMPARA	GUI	0858W	0807N	K	250	D	300	H	5	74/10/180/2,5
27	8P	ARIBINDA	HVO	0052W	1414N	K	250	ND	300	H	3	
27	8M	BAGATA	HVO	0151W	1130N	K	250	ND	300	H	3	
27	8P	KANKALABA	HVO	0517W	1044N	K	335	ND	300	H	3	
27	8P	NIOUMA	HVO	0238W	1257N	K	250	ND	300	H	3	
27	8P	TANSILLA	HVO	0423W	1225N	K	100	ND	300	V	3	
27	0	AMPOADRAMENA	MDG	4521E	2039S	K	250	ND	300	H	3	
27	0	ANDILAMENA	MDG	4832E	1702S	K	250	ND	600	H	3	
27	0	ANTANIDITRA	MDG	4612E	1853S	K	250	ND	600	H	3	
27	0	BEBAO	MDG	4433E	1722S	K	250	D	300	H	3	74/355/10/25
27	0	BEHENJAVILO	MDG	4416E	1901S	K	250	ND	300	H	3	
27	0	BERENTY	MDG	4503E	2211S	K	250	ND	300	H	3	
27	0	DARAINA	MDG	4939E	1312S	K	250	ND	600	H	3	
27	0	MAEVATANANA	MDG	4649E	1658S	K	100	ND	300	H	3	
27	0	MANJAKANDRIANA	MDG	4745E	1856S	K	250	ND	300	H	3	
27	0	SAHAMBOHITRA	MDG	4624E	2347S	K	250	ND	600	H	3	
27	0	VOHIBEANTOETRA	MDG	4721E	2048S	K	25	ND	300	H	3	
27	0	B	MLI	0405E	1800N	K	250	ND	300	V	2	
27	8M	DIONGOI	MLI	0935W	1455N	K	250	ND	300	H	3	
27	8P	H	MLI	0540W	2200N	K	250	ND	300	H	2	
27	8M	KIGNAN	MLI	0600W	1148N	K	250	ND	300	V	3	
27	0	KITA	MLI	0931W	1304N	K	25	ND	600	V	3	
27	0	KOLINIA	MLI	0630W	1519N	K	250	ND	300	H	3	
27	8P	KONIAKARI	MLI	1055W	1435N	K	25	ND	300	V	3	
27	0	MENAKA	MLI	0217E	1557N	K	250	ND	300	H	2	
27	0	OUOLOSSEBOUGOU	MLI	0754W	1155N	K	250	ND	300	H	3	
27	8P	SEGOU	MLI	0615W	1326N	K	250	ND	300	V	3	
27	0	TABANKORT	MLI	0015E	1749N	K	250	ND	300	H	2	
27	0	TANAL	MLI	0308W	1520N	K	25	ND	300	H	3	
27	0	TIN TEHOUN	MLI	0245W	1715N	K	250	ND	300	H	3	
27	8M	CHINDE	MOZ	3628E	1835S	I	250	ND	38	H	5	
27	8P	VILA GOUVEIA	MOZ	3310E	1804S	I	250	ND	150	H	3	
27	8M	ATAR	MTN	1306W	2030N	K	250	ND	300	H	4	
27	8P	BEL GUERDANE	MTN	1031W	2524N	K	250	ND	300	H	2	

1	2	3	4	5		6	7	8	9	10	11A	11B
27	8M	EL MILHEAS	MTN	0654W	2453N	K	250	ND	300	H	2	
27	8M	G	MTN	0835W	2705N	K	250	ND	300	H	2	
27	8M	IDJIL	MTN	1240W	2240N	K	250	ND	300	H	4	
27	0	MAOUDASS	MTN	1054W	1534N	K	250	ND	300	V	3	
27	8M	MOUDJERIA	MTN	1219W	1752N	K	250	ND	300	H	4	
27	8M	NOUAKCHOTT	MTN	1556W	1814N	K	250	ND	300	V	4	
27	8P	OUALATA	MTN	0701W	1717N	K	250	ND	300	H	3	
27	0	DAKARAOUAGORA	NGR	0633E	1353N	K	50	ND	300	H	3	
27	0	DOGONDOUTCHI	NGR	0400E	1340N	K	250	ND	300	V	3	
27	8M	GAYA	NGR	0327E	1153N	K	50	ND	300	V	3	
27	0	GOTHEYE	NGR	0134E	1351N	K	50	ND	300	V	3	
27	0	MAGARIA 1	NGR	0853E	1302N	K	250	ND	300	V	3	
27	8M	OUACHA	NGR	0918E	1322N	K	250	ND	300	V	3	
27	0	TEGUIDDA	NGR	0638E	1725N	K	250	ND	300	H	3	
27	0	SAINT LEU	REU	5518E	2112S	K	3	ND	400	H	4	
27	0	SAINTE ROSE	REU	5550E	2108S	K	5	ND	300	H	4	
27	8P	BROKEN HILL	RHN	2828E	1427S	G	500	ND	150	H	3	
27	8M	KITWE	RHN	2813E	1247S	G	500	ND	150	H	3	
27	8M	BINGA	RHS	2804E	1734S	G	500	ND	150	H	3	
27	8M	CHIPINGA	RHS	3232E	2012S	G	500	ND	150	H	3	
27	0	ASTRIDA	RRW	2944E	0235S	K	250	ND	300	H	5	
27	0	GALLABAT	SDN	3610E	1257N	H	200	ND	300	H	3	14
27	8P	BANTANANI	SEN	1258W	1343N	K	50	ND	300	H	4	
27	8P	DAKAR	SEN	1726W	1440N	K	100	ND	300	H	4	
27	8P	SALDE	SEN	1353W	1610N	K	50	D	300	V	4	74/330/70/5
27	0	SEDHIOU	SEN	1536W	1243N	K	250	D	300	H	4	74/90/250/5
27	0	VICTORIA	SEY	5529E	0443S	I	50	ND	600	H	4	
27	8M	BARDERA	SOM	4220E	0221N	G	5	ND	180	H	2	
27	0	BULO BURTI	SOM	4535E	0351N	G	500	ND	200	H	2	
27	0	DAGARITA	SOM	4330E	1040N	G	100	ND	600	H	2	
27	0	ABECHE	TCD	2051E	1348N	K	250	ND	300	H	3	
27	0	ABKAR DJOMBO	TCD	2105E	1311N	K	250	ND	300	H	3	
27	0	ABOUSSOUF	TCD	1543E	1214N	K	250	ND	300	H	3	
27	8M	BAIBOKOUM	TCD	1540E	0744N	K	250	ND	600	H	5	
27	0	J	TCD	1415E	1415N	K	250	ND	300	H	3	
27	0	KOSSO	TCD	1848E	1150N	K	250	ND	600	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
27	0	KOUNO	TCD	1740E 0950N	K	250	ND	300	H	5	
27	0	MANABA	TCD	1705E 1106N	K	250	ND	300	H	3	
27	0	SEIFOU	TCD	2140E 1115N	K	250	ND	300	H	3	
27	0	MOSHI	TGK	3720E 0320S	I	500	ND	1200	H	3	
27	0	BAFILO	TGO	0115E 0921N	K	250	ND	300	H	5	
28	0	BARKLY EAST	AFS	2733E 3101S	I	10	ND	100	H	6	
28	0	DWAALFONTEIN	AFS	2236E 3256S	I	350	ND	300	H	6	
28	0	JOHANNESBURG	AFS	2800E 2612S	I	700	ND	300	H	6	
28	8P	OLIFANTSKOP	AFS	2557E 3319S	I	350	ND	300	H	6	
28	8M	PIETERSBURG	AFS	2930E 2354S	I	10	ND	150	H	6	
28	8P	S3	AFS	1657E 2720S	I	350	ND	300	H	2	
28	0	S13	AFS	1850E 2510S	I	350	ND	300	H	2	
28	8P	S25	AFS	1808E 2225S	I	350	ND	300	H	2	
28	8M	S43	AFS	1630E 1935S	I	350	ND	300	H	2	
28	0	S46	AFS	1940E 1945S	I	350	ND	300	H	2	
28	8M	S65	AFS	2125E 1802S	I	350	ND	300	H	2	
28	0	SPRINGBOK	AFS	1758E 2946S	I	350	ND	300	H	2	
28	8M	AVIZ	AGL	1322E 1632S	I	250	ND	75	H	3	
28	8M	PEREIRA DECA	AGL	1548E 1704S	I	250	ND	150	H	3	
28	0	MAHALAPYE	BCH	2645E 2310S	I	100	ND	300	H	2	
28	0	TSHANE	BCH	2150E 2400S	I	100	ND	300	H	2	
28	0	AGUIFENDI	CAF	2411E 0608N	K	250	ND	300	H	5	
28	0	BAMBARI	CAF	2035E 0540N	K	250	ND	300	H	5	
28	0	BONINA	CAF	1557E 0609N	K	250	ND	300	V	5	
28	0	BOSSABEMLE	CAF	1740E 0515N	K	250	ND	300	H	5	
28	0	FT CRAMPEL	CAF	1910E 0659N	K	250	ND	300	H	5	
28	0	H	CAF	2400E 0800N	K	250	ND	300	H	5	
28	0	L	CAF	2100E 0925N	K	250	ND	300	H	5	
28	0	NOLA	CAF	1605E 0332N	K	250	ND	300	H	5	
28	0	OBO	CAF	2626E 0522N	K	250	ND	300	H	5	
28	0	PAKANDJIA	CAF	1620E 0431N	K	250	ND	300	H	5	
28	8M	BFFALE	CGO	2057E 0027N	K	250	ND	300	H	5	
28	8P	BETAMBA	CGO	2124E 0217S	K	250	ND	300	H	3	
28	8M	BOSOBOLO	CGO	1955E 0413N	K	250	ND	300	H	5	
28	8P	BUMBA	CGO	2227E 0211N	K	250	ND	300	H	5	
28	8M	KATAKO KOMBE	CGO	2420E 0327S	K	250	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
28	8P	KENGE	CGO	1655E 0450S	K	250	ND	300	H	3	
28	8P	KISENGWA	CGO	2550E 0559S	K	250	ND	300	H	3	
28	0	LUMUNA	CGO	2630E 0347S	K	250	ND	300	H	3	
28	8M	NYUNSU	CGO	2800E 0600S	K	250	ND	300	H	3	
28	0	PANZI	CGO	1801E 0717S	K	250	ND	300	H	3	
28	8M	WALIKALE	CGO	2802E 0126S	K	250	ND	300	H	3	
28	0	BANYO	CME	1150E 0644N	K	100	ND	600	H	5	
28	0	BOCHO	CME	0924E 0607N	K	100	ND	300	V	5	
28	0	DJOLIMPOUM	CME	1252E 0320N	K	250	ND	300	H	5	
28	0	EKONAKO	CME	0841E 0501N	K	335	ND	300	H	5	
28	0	I	CME	1352E 0507N	K	100	ND	300	H	5	
28	8P	KOMBOLAKA	CME	1444E 0625N	K	335	ND	300	H	5	
28	0	NGAMBE 1	CME	1038E 0421N	K	250	ND	300	V	5	
28	0	NIAMBARAN	CME	1308E 0739N	K	100	ND	300	H	5	
28	0	ABOLO	COG	1410E 0008N	K	250	ND	300	V	5	
28	0	BOKO	COG	1338E 0446S	K	250	ND	300	H	5	
28	8M	FT ROUSSET	COG	1504E 0030S	K	250	ND	300	H	5	
28	0	KIBANGOU	COG	1225E 0328S	K	250	ND	300	H	5	
28	0	KIMBOTO	COG	1408E 0310S	K	250	ND	300	H	5	
28	0	MBOUBOU	COG	1510E 0140S	K	250	ND	300	H	5	
28	0	ABIDJAN	CTI	0401W 0526N	K	250	ND	300	H	5	
28	0	DIAWALA	CTI	0528W 1006N	K	250	ND	300	H	5	
28	0	GUIBLY	CTI	0729W 0602N	K	250	ND	300	H	5	
28	0	KATIOLA	CTI	0511W 0849N	K	250	ND	300	H	5	
28	0	SASSANDRA	CTI	0606W 0456N	K	250	ND	300	V	5	
28	0	SEGNASSO	CTI	0710W 0958N	K	3	ND	600	H	5	
28	0	TOBRE	DAH	0208E 1012N	K	250	ND	300	V	3	
28	0	EL FAIYUM	EGY	3050E 2918N	H	500	ND	150	H	2	
28	0	LUXOR	EGY	3238E 2527N	H	500	ND	150	H	2	
28	8P	MEGA	ETH	3819E 0404N	G	250	ND	600	H	2	
28	0	IGUELA	GAB	0916E 0156S	K	250	ND	300	H	5	
28	8P	MOANDA	GAB	1309E 0125S	K	250	ND	300	H	5	
28	0	MOMO	GAB	1154E 0152N	K	250	ND	300	V	5	
28	0	NDJOLE	GAB	1044E 0011S	K	250	ND	300	H	5	
28	0	KAMFARADOUGOU	GUI	0848W 0932N	K	250	D	300	H	5	74/10/180/2,5
28	0	KISSIDOUGOU	GUI	1016W 0912N	K	250	ND	300	V	5	

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28	0	LOGORONBO	GUI	1040W 1059N	K	250	D	300	H	3	75/333/2,5
28	0	TOUGUE	GUI	1140W 1126N	K	250	D	300	H	3	75/32/2,5
28	8M	KANTCHARI	HVO	0130E 1229N	K	250	ND	300	H	3	
28	0	YANGASSO	HVO	0312W 1212N	K	250	ND	300	H	3	
28	0	ZIGA	HVO	0041E 1237N	K	250	ND	300	H	3	
28	0	AMBALAFARY	MDG	4725E 2315S	K	250	ND	300	H	3	
28	0	AMBATOMAINTY	MDG	4625E 1754S	K	250	ND	300	H	3	
28	0	AMBALAMARINA	MDG	4630E 1948S	K	250	ND	300	H	3	
28	0	AMBODIMANGA	MDG	4830E 1346S	K	250	ND	300	H	3	
28	0	AMBALAVATO	MDG	4824E 1944S	K	250	D	600	H	3	74/95/115/100
28	0	AMPOTAKA	MDG	4444E 2503S	K	250	ND	300	H	3	
28	0	BEHARA	MDG	4624E 2457S	K	250	ND	300	H	3	
28	0	BEKISOPA	MDG	4558E 2133S	K	250	ND	300	H	3	
28	0	BELO	MDG	4433E 1941S	K	250	ND	300	H	3	
28	0	BENENITRA	MDG	4509E 2325S	K	250	ND	600	H	3	
28	0	FOLSIALANA	MDG	4856E 1746S	K	250	D	300	H	3	74/115/125/100
28	0	MAMPIKONY	MDG	4738E 1605S	K	100	ND	300	H	3	
28	0	MANANARA	MDG	4940E 1602S	K	250	D	300	H	3	74/130/140/100
28	0	MAROTAOLANA	MDG	4403E 2148S	K	250	ND	600	H	3	
28	0	MORAFENOBE	MDG	4452E 1752S	K	250	ND	300	H	3	
28	0	SOALALA	MDG	4520E 1606S	K	250	ND	300	H	3	
28	0	A	MLI	0340E 1630N	K	250	ND	300	H	2	
28	0	DE	MLI	0315W 1447N	K	250	ND	300	V	3	
28	0	FALIKOURA	MLI	1118W 1203N	K	25	ND	300	V	3	
28	0	FOUROU	MLI	0605W 1042N	K	3	ND	300	V	3	
28	8M	KOUTIALA	MLI	0528W 1223N	K	250	ND	300	V	3	
28	8M	MANIAMBA	MOZ	3458E 1246S	I	250	ND	75	H	3	
28	0	MARRUPA	MOZ	3730E 1312S	I	250	ND	75	H	3	
28	0	PORTO AMELIA	MOZ	4029E 1258S	I	250	ND	38	H	5	
28	8P	BOGHE	MTN	1416W 1636N	K	250	D	300	H	4	74/140/260/25
28	0	I	MTN	0700W 2353N	K	250	ND	300	H	2	
28	8P	NEMA	MTN	0714W 1636N	K	250	ND	300	H	3	
28	0	ROSSO	MTN	1549W 1631N	K	250	D	300	H	4	74/120/250/25
28	8M	TIDJIKJA	MTN	1126W 1833N	K	250	ND	300	H	2	
28	0	ALKAMARI	NGR	1107E 1353N	K	250	ND	300	V	3	
28	0	DANGOUNA	NGR	0502E 1415N	K	250	ND	300	V	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
28	0	IFEROUANE	NGR	0822E 1907N	K	250	ND	300	H	2	
28	0	TILLABERI	NGR	0127E 1413N	K	250	ND	300	V	3	
28	0	U	NGR	1435E 2120N	K	250	ND	300	V	2	
28	0	ZINDER	NGR	0859E 1349N	K	250	ND	300	H	3	
28	0	GUSAU	NIG	0627E 1212N	I	250	ND	150	H	3	
28	0	SAINT JOSEPH	REU	5536E 2122S	K	3	ND	400	H	4	
28	0	SAINT DENIS	REU	5526E 2053S	K	10	ND	600	H	4	
28	8P	IBOLELO	RHN	2406E 1605S	G	500	ND	150	H	3	
28	8M	GWELO	RHS	2956E 1931S	G	500	ND	150	H	3	
28	0	BELLE	SEN	1218W 1426N	K	50	ND	300	V	4	
28	8M	DIANKE SOUF	SEN	1520W 1414N	K	50	ND	300	V	4	
28	0	OBOCK	SMF	4317E 1158N	K	1	ND	75	H	2	
28	8M	EL BUR	SOM	4635E 0442N	G	10	ND	150	H	2	
28	8M	KABALLAH	SRL	1135W 0935N	G	500	D	300	H	5	75/106/5
28	0	AM SELEP	TCD	1647E 1323N	K	250	ND	300	H	3	
28	0	AM DAGACHI	TCD	2009E 1224N	K	250	ND	300	H	3	
28	0	D	TCD	1911E 2046N	K	250	ND	300	H	2	
28	0	DOBA	TCD	1651E 0840N	K	250	ND	300	H	5	
28	0	I	TCD	2247E 1623N	K	250	ND	300	H	3	
28	0	MOGROUM	TCD	1525E 1107N	K	250	ND	300	H	3	
28	0	MONGORORO	TCD	2228E 1201N	K	250	ND	300	H	3	
28	0	OUANTAGOI	TCD	1635E 2136N	K	250	ND	300	H	2	
28	0	RIG RIG	TCD	1421E 1416N	K	250	ND	300	H	3	
28	0	IRINGA	TGK	3545E 0750S	I	500	ND	300	H	3	
28	0	ATAKPAME	TGO	0110E 0732N	K	250	ND	300	H	5	
28	0	KAMPALA	UGA	3230E 0020N	G	500	ND	600	H	3	
29	0	GRAAF REINET	AFS	2431E 3217S	I	10	ND	100	H	6	
29	0	MATATIELE	AFS	2851E 3005S	I	350	ND	500	H	3	
29	8P	S9	AFS	1820E 2625S	I	350	ND	300	H	2	
29	8M	S53	AFS	1802E 1855S	I	350	ND	300	H	2	
29	8M	SNYERSPOST	AFS	2251E 3204S	I	350	ND	300	H	6	
29	8M	WONDERBOOM	AFS	2615E 2445S	I	350	ND	300	H	6	
29	0	TAMANRASSET	ALG	0530E 2250N	H	50	ND	600	H	2	
29	0	BOUDA	CAF	1802E 0430N	K	250	ND	300	H	5	
29	0	BOUE	CAF	1656E 0631N	K	250	ND	300	H	5	
29	0	KAKA	CAF	2602E 0602N	K	250	ND	300	H	5	

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29	0	MBANGUI	CAF	2226E 0520N	K	250	ND	300	H	5	
29	0	MBAIKI	CAF	1801E 0353N	K	250	ND	300	V	5	
29	0	MBRES	CAF	1945E 0635N	K	250	ND	300	H	5	
29	0	MEREKE	CAF	2306E 0730N	K	250	ND	300	H	5	
29	0	NDELE	CAF	1035E 0825N	K	250	ND	300	V	5	
29	8P	AKETI	CGO	2356E 0325N	K	250	ND	300	H	5	
29	8M	DJOLU	CGO	2228E 0034N	K	250	ND	300	H	5	
29	8M	KASONGOLUNDA	CGO	1649E 0628S	K	250	ND	300	H	3	
29	8M	KINDU	CGO	2555E 0257S	K	250	ND	300	H	3	
29	8P	KONGOLO	CGO	2659E 0523S	K	250	ND	300	H	3	
29	8P	LUANZA	CGO	2842E 0840S	K	250	ND	300	V	3	
29	8P	LUISA	CGO	2227E 0711S	K	250	ND	300	V	3	
29	8P	MULONGA FUNGA	CGO	2529E 1109N	K	250	ND	300	H	3	
29	0	DIR	CME	1332E 0620N	K	100	ND	300	H	5	
29	0	KENZOU	CME	1502E 0410N	K	335	ND	300	H	5	
29	0	MANKIM	CME	1200E 0501N	K	250	ND	300	H	5	
29	0	NKAMBE	CME	1040E 0637N	K	335	ND	300	V	5	
29	0	NKONGSAMBA	CME	0954E 0500N	K	500	ND	600	H	5	
29	0	NYABESSAM	CME	1025E 0223N	K	335	ND	300	H	5	
29	0	TIGNERE	CME	1236E 0722N	K	250	ND	600	H	5	
29	0	DALO	COG	1635E 0140N	K	250	ND	300	H	5	
29	0	DONGOU	COG	1805E 0204N	K	250	ND	300	H	5	
29	0	KOMONO	COG	1313E 0313S	K	250	ND	300	H	5	
29	0	LIRANGA	COG	1735E 0039S	K	250	ND	300	H	5	
29	0	MBE	COG	1552E 0320S	K	250	ND	300	H	5	
29	0	MOUALI	COG	1527E 0020N	K	250	ND	300	H	5	
29	0	POINTE NOIRE	COG	1151E 0444S	K	250	ND	300	H	5	
29	8M	ASSAKRA	CTI	0453W 0622N	K	250	ND	300	H	5	
29	0	BARON	CTI	0538W 0842N	K	250	ND	300	V	5	
29	0	DALOA	CTI	0627W 0653N	K	250	ND	300	H	5	
29	0	TEHINI	CTI	0337W 0937N	K	250	ND	300	H	5	
29	8P	KILIBO	DAH	0235E 0835N	K	250	ND	300	H	5	
29	8M	KOTOPONGA	DAH	0132E 1019N	K	250	ND	300	H	3	
29	0	SEGBANA	DAH	0342E 1056N	K	250	ND	300	H	3	
29	0	ASYUT	EGY	3104E 2711N	H	500	ND	150	H	2	
29	8M	ISMAILIA	EGY	3210E 3021N	H	500	ND	300	H	2	11

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29	0	AMAR COCCHE	ETH	3646E 0510N	G	250	ND	1200	H	2	
29	0	DEBRE MARCOS	ETH	3744E 1020N	G	250	ND	150	H	6	
29	8P	GORE	ETH	3532E 0809N	G	250	ND	600	H	6	
29	8M	QUOREM	ETH	3932E 1231N	G	250	ND	1200	H	6	
29	8M	SHASHAMANE	ETH	3835E 0712N	G	250	ND	1200	H	6	
29	0	MAKOKOU	GAB	1250E 0034N	K	250	ND	300	H	5	
29	0	MOUILA	GAB	1102E 0151S	K	250	ND	300	V	5	
29	8P	POPA	GAB	1216E 0143S	K	250	ND	300	H	5	
29	0	U	GAB	1410E 0054S	K	250	ND	300	H	5	
29	8P	DIDI	GUI	0935W 1133N	K	250	ND	600	H	3	
29	0	FRIA	GUI	1332W 1027N	K	250	ND	300	H	3	
29	0	KOURA	GUI	1412W 1035N	K	250	D	300	V	4	75/15/25
29	0	SEREKOROBA	GUI	1009W 1023N	K	250	ND	300	H	3	
29	0	BONSIEGA	HVO	0011W 1329N	K	100	ND	300	V	3	
29	8P	DOUROULA	HVO	0316W 1235N	K	250	ND	300	H	3	
29	0	TAKOULO	HVO	0049E 1320N	K	100	ND	300	H	3	
29	0	MT ELGON	KEN	3440E 0105N	I	2000	ND	1200	H	3	
29	0	AMANDA	MDG	4623E 2251S	K	250	ND	600	H	3	
29	0	AMBOHIMAMBOARI	MDG	4704E 2102S	K	250	ND	300	H	3	
29	0	AMBOATSARISIMI	MDG	4801E 1733S	K	250	ND	600	H	3	
29	0	ANALAVELONA	MDG	4411E 2237S	K	250	ND	600	H	3	
29	0	ANJANAHARIBE	MDG	4935E 1337S	K	250	ND	600	H	3	
29	0	ANTANIMORA	MDG	4541E 2445S	K	250	ND	600	H	3	
29	0	BELOBAKA	MDG	4541E 1900S	K	250	ND	300	H	3	
29	0	KANDREHO	MDG	4605E 1728S	K	250	ND	300	H	3	
29	0	MAJUNGA	MDG	4620E 1542S	K	100	ND	300	H	3	
29	0	TSIAFAJAVONA	MDG	4716E 1920S	K	100	ND	600	H	3	
29	0	VAKIROHAMENA	MDG	4855E 1500S	K	250	ND	600	H	3	
29	8M	DIOUMDIOURERE	MLI	0154W 1453N	K	25	ND	300	H	3	
29	0	DYOUMARA	MLI	0834W 1432N	K	25	ND	300	H	3	
29	0	GENDOU	MLI	0619W 1248N	K	250	ND	300	H	3	
29	0	NEGALA	MLI	0827W 1252N	K	250	ND	300	H	3	
29	0	OUATAGOUNA	MLI	0044E 1511N	K	25	ND	300	H	3	
29	0	OURO ALFAKA	MLI	0419W 1457N	K	250	ND	300	H	3	
29	0	Q	MLI	0340W 2345N	K	250	ND	300	H	3	
29	8M	ZINZANA	MLI	0556W 1315N	K	250	ND	300	H	3	

1	Numéro du canal assigné / *Assigned channel number* / Número del canal assignado
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8	Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena
9	Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)
10	Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación
11A	Zone climatique - *Climatic zone* / Zona climática
11B	Observations / *Remarks* / Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
29	8P	NAMAACHA	MOZ	3200E 2557S	I	250	ND	75	H	3	
29	0	BILMA	NGR	1253E 1840N	K	250	ND	300	H	2	
29	0	DOSSO	NGR	0312E 1303N	K	250	ND	300	V	3	
29	0	L	NGR	1525E 1830N	K	250	ND	300	H	2	
29	0	JOS	NIG	0852E 0955N	I	250	ND	150	H	5	
29	0	PITONHYACINTHE	REU	5533E 2119S	K	10	ND	600	H	4	
29	0	KALABO NW	RHN	2220E 1430S	G	500	ND	150	H	3	
29	0	KAMPALANJE	RHN	2650E 1330S	G	500	ND	150	H	3	
29	8M	LUSAKA	RHN	2822E 1526S	G	500	ND	150	H	3	
29	8P	MANKOYA	RHN	2448E 1448S	G	500	ND	150	H	3	
29	0	MEROUE	SDN	3150E 1810N	H	200	ND	300	H	2	14
29	0	PORT SOUDAN	SDN	3713E 1938N	H	200	ND	300	H	3	14
29	8P	SOKHONE	SEN	1622W 1353N	K	150	D	300	V	4	74/100/200/15
29	0	TABADIAN	SEN	1327W 1312N	K	250	D	300	H	4	75/196/50
29	0	JAMESTOWN	SHN	0543W 1536S	I	50	ND	600	H	4	
29	8P	AFMEDO	SOM	4205E 0030N	G	5	ND	60	H	2	
29	8P	EHIL	SOM	4950E 0800N	G	2	ND	60	H	2	
29	8P	HARGHEISA	SOM	4402E 0935N	G	1000	ND	480	H	2	
29	0	DJEDAA	TCD	1835E 1331N	K	250	ND	300	H	3	
29	0	KOUTOUMA	TCD	1829E 1118N	K	250	ND	300	H	3	
29	0	MILEDE	TCD	1641E 1127N	K	250	ND	300	H	3	
29	0	PALA	TCD	1454E 0922N	K	250	ND	300	H	5	
29	0	SHINYANGA	TGK	3325E 0340S	I	500	ND	150	H	3	
29	0	ASSAHOUN	TGO	0054E 0627N	K	250	ND	300	H	5	
29	8P	CHAKE CHAKE	ZAN	3946E 0514S	I	100	ND	300	H	4	
30	8P	C92	AFS	2304E 2624S	I	350	ND	300	H	2	
30	8P	CARNARVON	AFS	2229E 3058S	I	350	ND	300	H	6	
30	8M	DURBAN	AFS	3043E 2946S	I	500	ND	450	H	3	
30	8M	LYDENBURG	AFS	3024E 2510S	I	10	ND	150	H	6	
30	8M	MATJIESFONTEIN	AFS	2029E 3258S	I	350	ND	200	H	6	
30	8P	MESSINA	AFS	3001E 2219S	I	10	ND	150	H	6	
30	8M	S12	AFS	1730E 2515S	I	350	ND	300	H	2	
30	0	S23	AFS	1610E 2235S	I	350	ND	300	H	2	
30	8P	S63	AFS	1930E 1802S	I	350	ND	300	H	2	
30	0	STEYTLERVILLE	AFS	2434E 3336S	I	350	ND	300	H	6	
30	0	UMTATA	AFS	2842E 3144S	I	350	ND	300	H	6	

1	2	3	4	5	6	7	8	9	10	11A	11B
30	8M	UPINGTON	AFS	2055E 2830S	I	350	ND	300	H	2	
30	8P	VAALWATER	AFS	2753E 2402S	I	350	ND	250	H	6	
30	0	VREDE	AFS	2858E 2715S	I	350	ND	300	H	6	
30	0	SA DA BANDEIRA	AGL	1331E 1456S	I	250	ND	300	H	3	
30	0	MAFETENG	BAS	2730E 2950S	I	100	ND	300	H	6	
30	0	MAUN	BCH	2330E 2200S	I	100	ND	300	H	2	
30	0	BANMESARA	CAF	1746E 0659N	K	250	ND	300	H	5	
30	0	BOMBAIOU	CAF	1633E 0558N	K	250	ND	300	V	5	
30	0	GUITA KOULOUBA	CAF	2315E 0600N	K	250	ND	300	H	5	
30	0	MANGOUPA	CAF	2431E 0548N	K	250	ND	300	H	5	
30	0	MOBAYE	CAF	2055E 0425N	K	250	ND	300	H	5	
30	8P	BANNINGVILLE	CGO	1720E 0317S	K	250	ND	300	H	3	
30	8M	BENA DIBELE	CGO	2251E 0355S	K	250	ND	300	H	3	
30	8P	BIGI	CGO	2225E 0302N	K	250	ND	300	H	5	
30	8P	BONGANDANGA	CGO	2101E 0130N	K	250	ND	300	H	5	
30	0	ISANGI	CGO	2410E 0046N	K	250	ND	300	V	5	
30	8M	KANIAMA	CGO	2412E 0732S	K	250	ND	300	H	3	
30	8M	KASENGA	CGO	2844E 1017S	K	250	ND	300	H	3	
30	8P	KIMVULA	CGO	1549E 0554S	K	250	ND	300	V	3	
30	0	KIRI	CGO	1900E 0123S	K	250	ND	300	H	3	
30	0	KISANDJI	CGO	1916E 0618S	K	250	ND	300	H	3	
30	8M	LUBERO	CGO	2913E 0010S	K	250	ND	300	H	3	
30	8P	MATADI	CGO	1326E 0548S	K	250	ND	300	H	3	
30	8M	PORT FRANCQUI	CGO	2077E 0417S	K	250	ND	300	V	3	
30	0	SHABUNDA	CGO	2720E 0241S	K	250	ND	300	H	3	
30	8P	SOKELE	CGO	2440E 0954S	K	250	ND	300	H	3	
30	0	WAMBA	CGO	2758E 0212N	K	250	ND	300	H	5	
30	0	BORGOU	CME	1447E 0655N	K	100	ND	300	H	5	
30	0	EDEA	CME	1008E 0347N	K	250	ND	300	V	5	
30	0	EDJOM	CME	1159E 0319N	K	100	ND	300	V	5	
30	8M	MALETCHEN	CME	1401E 0229N	K	250	ND	300	H	5	
30	0	MOKOLO	CME	1348E 1047N	K	250	ND	600	V	5	
30	0	OTOUMKWAN	CME	1448E 0328N	K	250	ND	300	H	5	
30	0	TABOUN	CME	1406E 0815N	K	100	ND	600	H	5	
30	0	TOURAKE	CME	1357E 0537N	K	250	ND	300	V	5	
30	0	DOLISIE	COG	1240E 0410S	K	250	ND	300	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	Numéro du canal assigné *Assigned channel number* Número del canal assignado
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10	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación
11A	Zone climatique - *Climatic zone* Zona climática
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470-960 MHz Mc/s BT

1	2	3	4	5	6	7	8	9	10	11A	11B
30	8M	E	COG	1330E 0130N	K	250	ND	300	H	5	
30	0	LIOUESSO	COG	1543E 0104N	K	250	ND	300	H	5	
30	0	OKOYO	COG	1504E 0128S	K	250	ND	300	H	5	
30	0	GUITRI	CTI	0514W 0531N	K	250	ND	300	H	5	
30	0	SAMA	CTI	0802W 0751N	K	250	ND	300	H	5	
30	0	TANFROFOU	CTI	0407W 0618N	K	250	ND	300	H	5	
30	8P	ABOMEY	DAH	0131E 0714N	K	250	ND	300	H	5	
30	0	NIASSI	DAH	0303E 0937N	K	335	ND	300	H	5	
30	0	RAS GHAREB	EGY	3218E 2806N	H	500	ND	150	H	2	
30	0	ADWA	ETH	3854E 1414N	G	250	ND	1200	H	6	
30	8M	AGAR MARIAM	ETH	3815E 0537N	G	250	ND	600	H	6	
30	8M	BEICA	ETH	3431E 0920N	G	250	ND	150	H	6	
30	8M	DESSIE	ETH	3936E 1107N	G	250	ND	300	H	6	
30	0	GHION	ETH	3750E 0837N	G	250	ND	1200	H	6	
30	8P	MAJI	ETH	3536E 0611N	G	250	ND	600	H	2	
30	0	FOUNA	GAB	1113E 0023S	K	250	ND	300	H	5	
30	8M	MINKEBE	GAB	1246E 0151N	K	250	ND	300	H	5	
30	8M	KEREWAN	GMB	1605W 1329N	I	250	ND	300	H	4	
30	8M	SANTA ISABEL	GNE	0847E 0345N	G	100	ND	150	H	5	
30	8M	BARANAMA	GUI	0846W 1008N	K	250	ND	300	H	3	
30	0	KOUROUSSA	GUI	0952W 1043N	K	250	ND	300	H	3	
30	0	LENNTE	GUI	1313W 1116N	K	250	D	300	V	3	75/32/2,5
30	0	OULO OULOKO	GUI	0815W 1002N	K	250	D	300	H	3	74/10/180/25
30	8P	SEKOUROU	GUI	1251W 0937N	K	250	ND	1200	V	5	
30	0	SINO	GUI	0906W 1156N	K	250	D	300	H	3	75/335/25
30	8M	DIAPAGA	HVO	0147E 1204N	K	335	ND	300	H	3	
30	0	KOUPELA	HVO	0021W 1211N	K	100	ND	300	H	3	
30	8M	SELBA	HVO	0140W 1428N	K	335	ND	300	V	3	
30	0	TITA	HVO	0231W 1156N	K	250	ND	300	V	3	
30	0	CUREPIPE	MAU	5732E 2019S	I	250	ND	300	H	4	
30	0	AMPOSINAMBO	MDG	4805E 2032S	K	250	ND	600	H	3	
30	0	ANDAPA	MDG	4941E 1442S	K	250	ND	300	H	3	
30	0	ANTSALOVA	MDG	4438E 1840S	K	250	ND	300	H	3	
30	0	BEDASY	MDG	4652E 1842S	K	250	ND	300	H	3	
30	0	BEHELOKA	MDG	4906E 1656S	K	250	ND	600	H	3	
30	0	BEKODOKA	MDG	4506E 1658S	K	250	ND	300	H	3	

470-960 MHz Mc/s BT

1	2	3	4	5	6	7	8	9	10	11A	11B
30	0	BELO S MER	MDG	4400E 2044S	K	250	ND	300	H	3	
30	0	LAZARIVO	MDG	4458E 2354S	K	250	ND	300	H	3	
30	0	MANINTSY	MDG	4546E 2044S	K	250	ND	600	H	3	
30	0	MORAMANGA	MDG	4815E 1857S	K	250	ND	300	H	3	
30	0	RANOHIRA	MDG	4523E 2233S	K	250	ND	600	H	3	
30	0	SAHANASY	MDG	4644E 2406S	K	250	ND	600	H	3	
30	0	TSINOJONYTONDR	MDG	4705E 1540S	K	250	ND	300	H	3	
30	0	Y	MDG	4714E 1706S	K	250	ND	300	H	3	
30	8P	BORENTA	MLI	0119W 1549N	K	250	ND	300	H	3	
30	0	C	MLI	0250E 1820N	K	250	ND	300	H	2	
30	0	DIEMESSOGOU	MLI	0357W 1400N	K	250	ND	300	H	3	
30	0	EL KABARA	MLI	1106W 1512N	K	25	ND	300	V	3	
30	0	I	MLI	0430W 2020N	K	250	ND	300	H	2	
30	0	OURIKELA	MLI	0504W 1207N	K	250	ND	300	H	3	
30	0	POGO	MLI	0555W 1354N	K	250	ND	300	H	3	
30	0	TESSALIT	MLI	0100E 2013N	K	250	ND	300	H	2	
30	0	TOUROUMF	MLI	0759W 1518N	K	250	ND	300	V	3	
30	0	TOUKOTO	MLI	0952W 1328N	K	125	ND	300	V	3	
30	8M	MOCIMBOA PRAIA	MOZ	4021E 1120S	I	250	ND	38	H	5	
30	0	VILA JOAO BELO	MOZ	3338E 2503S	I	250	ND	150	H	3	
30	8M	B	MTN	1432W 2120N	K	250	ND	300	H	4	
30	8P	MBOUT	MTN	1235W 1601N	K	125	ND	300	H	4	
30	8P	MORIBOUGOU	MTN	0929W 1531N	K	250	ND	300	H	3	
30	0	BOSSO	NGR	1316E 1344N	K	50	ND	300	V	3	
30	0	EMI FRAHA	NGR	1250E 2238N	K	250	ND	300	H	2	
30	0	KOKOBE FANDOU	NGR	0236E 1352N	K	250	ND	300	H	3	
30	0	MALLAOUA	NGR	0934E 1301N	K	250	ND	300	V	3	
30	0	TEGUIDDA	NGR	0638E 1725N	K	250	ND	300	H	3	
30	0	POINT C	NIG	1200E 1310N	I	100	D	150	H	3	74/300/60/25
30	0	ZARIA	NIG	0740E 1100N	I	250	ND	150	H	3	
30	8P	CHIPATA	NYA	3355E 1304S	G	500	ND	150	H	3	
30	8M	CHINSALI	RHN	3204E 1032S	G	500	ND	150	H	3	
30	8P	RUFUNSA	RHN	2935E 1503S	G	500	ND	150	H	3	
30	0	SALISBURY	RHS	3104E 1747S	G	500	ND	300	H	3	
30	0	SHAKWANKI SPRI	RHS	2620E 1915S	G	500	ND	150	H	3	
30	0	KIGALI	RRW	3003E 0157S	K	250	ND	300	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
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30	8M	EL GUENEINA	SDN	2350E	1310N	H	200	ND	300	H	3	14
30	0	OUAOU	SDN	2804E	0740N	H	200	ND	300	H	5	14
30	8P	KEDOUGOU	SEN	1223W	1232N	K	50	D	500	V	4	74/100/250/5
30	0	X	SEN	1500W	1600N	K	50	ND	300	V	4	
30	8M	Z	SEN	1354W	1436N	K	50	ND	300	V	4	
30	8P	ALULA	SOM	5047E	1155N	G	1	ND	30	H	2	
30	8M	GARDO	SOM	4905E	0930N	G	2	ND	70	H	2	
30	0	MOGADISCIO	SOM	4522E	0205N	G	1000	ND	200	H	2	
30	0	ZEILA	SOM	4330E	1120N	G	1	ND	60	H	2	
30	0	MOYAMBA	SRL	1235W	0815N	G	100	ND	150	H	5	
30	0	ABOUKOUSOUM	TCD	2112E	1155N	K	250	ND	300	H	3	
30	0	AZI	TCD	1820E	1223N	K	250	ND	300	H	3	
30	0	DOGOUMBO	TCD	1647E	1003N	K	250	ND	300	H	3	
30	0	GAYAM	TCD	1754E	0919N	K	250	ND	300	H	5	
30	0	KOURI OBATARI	TCD	1605E	1317N	K	250	ND	300	V	3	
30	0	M	TCD	2340E	1845N	K	250	ND	300	H	2	
30	8M	MOUNDOU	TCD	1605E	0835N	K	250	ND	300	V	5	
30	0	Q	TCD	1630E	2300N	K	250	ND	300	H	2	
30	0	TROAN	TCD	2132E	1346N	K	250	ND	300	H	3	
30	0	YODEI	TCD	1722E	2036N	K	250	ND	300	H	2	
30	0	KILWA	TGK	3925E	0840S	I	500	ND	150	H	3	
30	0	MOSHI	TGK	3720E	0320S	I	500	ND	1200	H	3	
30	0	TABORA	TGK	3250E	0500S	I	500	ND	150	H	3	
30	0	GUERIN KOUKA	TGO	0037E	0941N	K	100	ND	300	H	5	
31	0	LITTLE ADEN	ADN	4552E	1246N	I	50	ND	300	H	4	13
31	8M	BARKLY EAST	AFS	2733E	3101S	I	10	ND	100	H	6	
31	8M	DWAALFONTEIN	AFS	2236E	3256S	I	350	ND	300	H	6	
31	0	OLIFANTSKOP	AFS	2557E	3319S	I	350	ND	300	H	6	
31	8P	PIETERSBURG	AFS	2930E	2354S	I	10	ND	150	H	6	
31	8M	S14	AFS	1610E	2350S	I	350	ND	300	H	2	
31	8M	S43	AFS	1630E	1935S	I	350	ND	300	H	2	
31	0	S46	AFS	1940E	1945S	I	350	ND	300	H	2	
31	8P	S49	AFS	1355E	1850S	I	350	ND	300	H	2	
31	8M	S67	AFS	2335E	1752S	I	350	ND	300	H	2	
31	8M	SPRINGBOK	AFS	1758E	2946S	I	350	ND	300	H	2	
31	8M	PEREIRA DECA	AGL	1548E	1704S	I	250	ND	150	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
31	0	AAIUN	AOE	1318W	2710N	G	100	ND	75	H	4	
31	0	MAHALAPYE	BCH	2645E	2310S	I	100	ND	300	H	2	
31	0	TSHANE	BCH	2150E	2400S	I	100	ND	300	H	2	
31	8P	OUSOUMBOURA	BDI	2921E	0323S	K	50	ND	100	H	5	14
31	0	BOSSANGOA	CAF	1727E	0630N	K	250	ND	300	H	5	
31	0	GOUBERE	CAF	2645E	0550N	K	250	ND	300	H	5	
31	0	GRIMARI	CAF	2001E	0535N	K	250	ND	300	H	5	
31	0	J	CAF	2320E	0930N	K	250	ND	300	H	5	
31	0	MADONGUERE	CAF	2059E	0635N	K	250	ND	300	H	5	
31	8M	OUANGO	CAF	2231E	0417N	K	250	ND	300	H	5	
31	8M	ARUMBI	CGO	3001E	0232N	K	250	ND	300	H	5	
31	8P	COQUILHATVILLE	CGO	1818E	0001S	K	250	ND	300	V	5	
31	8P	KALOKO	CGO	2547E	0647S	K	250	ND	300	H	3	
31	0	OPALA	CGO	2430E	0037S	K	250	ND	300	H	3	
31	8P	POKO	CGO	2652E	0308N	K	250	ND	300	H	5	
31	8M	SANGE	CGO	2820E	0701S	K	250	ND	300	H	3	
31	0	THYSVILLE	CGO	1453E	0512S	K	250	ND	300	H	3	
31	8M	ULAMBA	CGO	2341E	0909S	K	250	ND	300	H	3	
31	0	MAYO DARLE	CME	1136E	0626N	K	250	ND	300	H	5	
31	0	NGOEMETAK	CME	1250E	0355N	K	250	ND	300	H	5	
31	0	TCHAMBA	CME	1243E	0840N	K	335	ND	600	H	5	
31	0	IMPE	COG	1515E	0245S	K	250	ND	300	H	5	
31	0	KINGOUE	COG	1409E	0343S	K	250	ND	300	H	5	
31	0	MABIROU	COG	1545E	0110S	K	250	ND	300	H	5	
31	0	MOGOUNDOU	COG	1811E	0223N	K	250	ND	300	H	5	
31	0	MOHELI E	COM	4344E	1219S	K	100	D	600	H	4	74/130/180/10
31	0	FERKESSEDOUGOU	CTI	0510W	0935N	K	250	ND	300	V	5	
31	0	GUEYA	CTI	0757W	0635N	K	250	ND	300	H	5	
31	0	GUIBEROU	CTI	0610W	0616N	K	250	ND	300	H	5	
31	0	K.KOUASSIKRO	CTI	0433W	0725N	K	250	ND	300	H	5	
31	8M	SEGUELA	CTI	0640W	0758N	K	250	ND	300	H	5	
31	0	TABOU	CTI	0721W	0424N	K	250	ND	300	H	5	
31	0	NDALI	DAH	0243E	0951N	K	250	ND	300	H	5	
31	8M	TANGUIETA	DAH	0118E	1036N	K	250	ND	300	H	3	
31	0	QENA	EGY	3243E	2610N	H	500	ND	150	H	2	
31	8M	BARENTU	ETH	3737E	1507N	G	250	ND	300	H	6	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
31	8P	DEBRE TABOR	ETH	3811E 1143N	G	250	ND	1200	H	6	
31	8M	TENDAHO	ETH	4057E 1142N	G	250	ND	600	H	2	
31	0	OMBOUE	GAB	0916E 0135S	K	335	ND	300	H	5	
31	0	DINGUIRAYE	GUI	1043W 1119N	K	250	D	600	H	3	75/63/25
31	8M	KAMPTI	HVO	0331W 1004N	K	335	ND	300	H	3	
31	0	KOUMBIA	HVO	0342W 1114N	K	100	ND	300	H	3	
31	8M	LEO	HVO	0206W 1153N	K	500	ND	300	H	3	
31	8P	MADJORI	HVO	0108E 1126N	K	335	ND	300	V	3	
31	0	NAMISSIGUIMA	HVO	0117W 1331N	K	100	ND	300	H	3	
31	8P	TOMWAKA	HVO	0144W 1319N	K	100	ND	300	H	3	
31	0	MALINDI	KEN	4005E 0315S	I	1000	ND	150	H	3	
31	0	NAIROBI	KEN	3650E 0115S	I	1000	ND	1200	H	3	
31	0	AMBATOMAHABO	MDG	4509E 2008S	K	250	ND	300	H	3	
31	0	AMKILIMIGANA	MDG	4522E 2524S	K	250	ND	300	H	3	
31	0	FAMPAMENA	MDG	4355E 2356S	K	250	ND	300	H	3	
31	0	FENOARIVO	MDG	4624E 2144S	K	250	ND	300	H	3	
31	0	IVOHIBE EST	MDG	4658E 2230S	K	250	ND	600	H	3	
31	0	IVOHIBE OUEST	MDG	4540E 2343S	K	250	ND	600	H	3	
31	0	MAHANORO	MDG	4849E 1954S	K	250	ND	300	H	3	
31	0	MANDROSOARIVO	MDG	4544E 1828S	K	250	ND	300	H	3	
31	0	MAROVATO	MDG	4805E 1547S	K	250	ND	300	H	3	
31	0	MAROSETANANA	MDG	4855E 1833S	K	250	ND	600	H	3	
31	0	MIARINARIVO	MDG	4814E 1637S	K	100	ND	300	H	3	
31	0	SITAMPIKY	MDG	4606E 1640S	K	250	D	300	H	3	74/325/340/25
31	0	VOHIPANANY	MDG	4735E 2108S	K	500	ND	300	H	3	
31	0	VORONDOLO	MDG	4710E 2011S	K	250	ND	600	H	3	
31	8P	BAFOULABE	MLI	1050W 1348N	K	250	ND	300	V	3	
31	8P	BAMAKO	MLI	0801W 1239N	K	250	ND	300	H	3	
31	0	BORO	MLI	0731W 1401N	K	250	ND	300	H	3	
31	8M	DAMA	MLI	0609W 1215N	K	250	ND	300	V	3	
31	8M	KATABANTANKOTO	MLI	0954W 1254N	K	25	ND	600	V	3	
31	8M	MBANA	MLI	0254W 1425N	K	25	ND	300	H	3	
31	8M	TIEN	MLI	0635W 1040N	K	25	ND	300	V	3	
31	8M	TYELE	MLI	0734W 1219N	K	25	ND	300	H	3	
31	0	INHARRIME	MOZ	3504E 2429S	I	250	ND	38	H	3	
31	8P	EL RHEOUYA	MTN	0635W 2550N	K	250	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
31	8P	KAEDI	MTN	1330W 1609N	K	250	D	300	H	4	74/150/280/2,5
31	0	LEGAT	MTN	1450W 1646N	K	250	D	300	H	4	74/120/270/25
31	0	OUADANE	MTN	1136W 2047N	K	250	ND	300	H	2	
31	0	TICHIT	MTN	0929W 1829N	K	250	ND	300	H	2	
31	0	TIN GARA	NGR	0130E 1457N	K	250	ND	300	H	3	
31	0	KANO	NIG	0832E 1159N	I	250	ND	150	H	3	
31	0	LOKOJA	NIG	0643E 0748N	I	250	ND	150	H	5	
31	8P	BALOVALE WEST	RHN	2243E 1328S	G	500	ND	150	H	3	
31	8M	BULAWAYO	RHS	2834E 2012S	G	500	ND	150	H	3	
31	8M	UMTALI	RHS	3237E 1857S	G	500	ND	150	H	3	
31	0	ED DAMER	SDN	3353E 1735N	H	200	ND	300	H	3	14
31	0	BAKEL	SEN	1235W 1456N	K	50	D	300	V	4	74/330/110/5
31	8P	GASSANE	SEN	1516W 1449N	K	50	ND	300	V	4	
31	0	BUR ACABA	SOM	4405E 0250N	G	1	ND	50	H	2	
31	8M	DUSA MAREB	SOM	4625E 0530N	G	1	ND	80	H	2	
31	0	BOLI	TCD	1843E 1051N	K	250	ND	300	H	3	
31	0	KONKOUNDJA	TCD	1522E 0828N	K	250	ND	300	H	5	
31	0	PAGALA	TGO	0053E 0813N	K	250	ND	300	V	5	
32	0	C.TOWN MAJOR	AFS	1823E 3403S	I	350	ND	700	H	1	
32	8P	GEORGE	AFS	2214E 3355S	I	350	ND	300	H	1	
32	8P	KROONSTAD	AFS	2710E 2725S	I	350	ND	300	H	6	
32	0	MATATIELE	AFS	2851E 3005S	I	350	ND	500	H	3	
32	8P	NIEKERKSHOOP	AFS	2240E 2910S	I	350	ND	300	H	2	
32	8P	S9	AFS	1820E 2625S	I	350	ND	300	H	2	
32	8P	S20	AFS	1730E 2320S	I	350	ND	300	H	2	
32	0	S22	AFS	1445E 2230S	I	350	ND	300	H	2	
32	8M	S53	AFS	1802E 1855S	I	350	ND	300	H	2	
32	0	S56	AFS	1225E 1755S	I	350	ND	300	H	2	
32	0	VAALPLAAS	AFS	2857E 2536S	I	350	ND	300	H	6	
32	8M	VRYHEID	AFS	3041E 2758S	I	350	ND	300	H	3	
32	8M	WONDERBOOM	AFS	2615E 2445S	I	350	ND	300	H	6	
32	0	ALINDAO	CAF	2116E 0502N	K	250	ND	300	H	5	
32	0	BOCARANGA	CAF	1538E 0659N	K	250	ND	300	H	5	
32	8M	BOUBAERE	CAF	1730E 0443N	K	250	ND	300	H	5	
32	0	F	CAF	2525E 0700N	K	250	ND	300	H	5	
32	0	FT SIBUT	CAF	1905E 0544N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
32	0	GANBOULA	CAF	1506E 0407N	K	250	ND	300	H	5	
32	0	MBALA	CAF	2049E 0746N	K	250	ND	300	H	5	
32	8M	ABA	CGO	3015E 0353N	K	250	ND	300	H	5	
32	8M	ALBERTVILLE	CGO	2911E 0554S	K	250	ND	300	H	3	
32	8P	BANGADI	CGO	2751E 0450N	K	250	ND	300	H	5	
32	0	BANZALI	CGO	2445E 0434N	K	250	ND	300	H	5	
32	0	DUYE	CGO	2858E 0149N	K	250	ND	300	H	5	
32	8P	KOLWEZI	CGO	2527E 1047S	K	250	ND	300	H	3	
32	8M	LUKOLELA	CGO	1711E 0107S	K	250	ND	300	V	3	
32	0	LUSAMBO	CGO	2326E 0457S	K	250	ND	300	H	3	
32	0	MITWABA	CGO	2720E 0638S	K	250	ND	300	H	3	
32	8P	MOLIRO	CGO	3031E 0811S	K	250	ND	300	H	3	
32	0	KOMBONE	CME	0926E 0459N	K	250	ND	300	H	5	
32	0	TIBATI	CME	1237E 0627N	K	100	ND	300	H	5	
32	0	B	COG	1800E 0325N	K	250	ND	300	H	5	
32	0	C	COG	1610E 0235N	K	250	ND	300	V	5	
32	0	EKOUAMOU	COG	1630E 0006N	K	250	ND	300	H	5	
32	0	G	COG	1450E 0200S	K	250	ND	300	H	5	
32	0	MOUNGOUDOU	COG	1245E 0239S	K	250	ND	300	V	5	
32	0	ANJOUAN S	COM	4430E 1219S	K	10	ND	900	H	4	
32	0	GR COMORE W	COM	4314E 1145S	K	10	ND	300	H	4	
32	0	DYENGOLE	CTI	0740W 0931N	K	250	ND	600	V	5	
32	8P	KANGUELE	CTI	0337W 0824N	K	250	ND	300	V	5	
32	0	LONEN KANA	CTI	0657W 0705N	K	250	ND	300	H	5	
32	8M	NOFOU	CTI	0442W 0650N	K	250	ND	300	H	5	
32	8M	KEROU	DAH	0206E 1050N	K	250	ND	300	H	3	
32	8P	PREKETE	DAH	0138E 0840N	K	335	ND	300	H	5	
32	0	HURGHADA	EGY	3350E 2715N	H	500	ND	150	H	2	
32	8M	ISMAILIA	EGY	3210E 3021N	H	500	ND	300	H	2	11
32	0	MALLAWI	EGY	3050E 2744N	H	500	ND	150	H	2	
32	0	MUT	EGY	2855E 2530N	H	500	ND	150	H	2	
32	0	AMAR COCCHE	ETH	3646E 0510N	G	250	ND	1200	H	2	
32	0	DEBRE MARCOS	ETH	3744E 1020N	G	250	ND	150	H	6	
32	8P	GORE	ETH	3532E 0809N	G	250	ND	600	H	6	
32	8M	QUOREM	ETH	3932E 1231N	G	250	ND	1200	H	6	
32	8M	SHASHAMANE	ETH	3835E 0712N	G	250	ND	1200	H	6	

1	2	3	4	5	6	7	8	9	10	11A	11B
32	8P	MIMONGO	GAB	1145E 0142S	K	250	ND	300	H	5	
32	0	OMVANE	GAB	1156E 0110N	K	250	ND	300	H	5	
32	0	Y	GAB	1400E 0008N	K	250	ND	300	H	5	
32	0	DENTILLA	GUI	1006W 1119N	K	250	ND	300	V	3	
32	8M	FARANAH	GUI	1045W 1002N	K	250	ND	300	H	3	
32	0	GUEKEDOU	GUI	1009W 0833N	K	250	ND	300	H	5	
32	0	KOURAKOTO	GUI	1348W 1057N	K	250	ND	300	H	3	
32	8P	YOUKOUNKOUN	GUI	1307W 1232N	K	250	ND	300	H	3	
32	0	BAOLA	HVO	0042W 1344N	K	100	ND	300	H	3	
32	8M	NOBERE	HVO	0140W 1137N	K	250	ND	300	H	3	
32	0	MT ELGON	KEN	3440E 0105N	I	2000	ND	1200	H	3	
32	8P	ROBERTS PORT	LBR	1122W 0645N	H	250	ND	300	V	4	
32	0	MURZUQ	LBY	1410E 2550N	G	100	ND	150	H	2	
32	0	AMBONDRO	MDG	4500E 1933S	K	250	ND	300	H	3	
32	0	AMPANIHY	MDG	4455E 2441S	K	250	ND	300	H	3	
32	0	ANALAVASA	MDG	4902E 1333S	K	25	ND	300	H	3	
32	0	ANDRIAMENA	MDG	4732E 1724S	K	250	ND	600	H	3	
32	0	ANDRANOTABAKA	MDG	4816E 1804S	K	250	ND	300	H	3	
32	0	ANKILIMASY	MDG	4433E 2121S	K	250	ND	300	H	3	
32	0	ANTANIMARIROKA	MDG	4653E 2306S	K	250	ND	600	H	3	
32	0	BEFANDRIANA	MDG	4835E 1512S	K	100	ND	600	H	3	
32	0	IVATO	MDG	4741E 2237S	K	250	ND	300	H	3	
32	0	MAINTY	MDG	4540E 1742S	K	250	ND	300	H	3	
32	0	MANANTENINA	MDG	4719E 2417S	K	250	ND	300	H	3	
32	0	MAROANTSETRA	MDG	4944E 1526S	K	250	ND	300	H	3	
32	0	SAKAMAHILY	MDG	4553E 2249S	K	250	ND	300	H	3	
32	0	VATOMANDRY	MDG	4859E 1921S	K	250	ND	300	H	3	
32	0	VAVATENINA	MDG	4912E 1728S	K	250	ND	300	H	3	
32	0	VOTOVORONA	MDG	4643E 2053S	K	250	ND	600	H	3	
32	8P	BARWELI	MLI	0650W 1305N	K	250	ND	300	H	3	
32	0	BOUNDJIGIRE	MLI	0651W 1453N	K	250	ND	300	H	3	
32	8M	BOUGOUNI	MLI	0730W 1126N	K	250	ND	300	H	3	
32	8M	GANA	MLI	0232W 1511N	K	25	ND	900	H	3	
32	8M	KAMA	MLI	1033W 1254N	K	250	ND	300	V	3	
32	0	O	MLI	0510W 2110N	K	250	ND	300	H	3	
32	8P	S	MLI	0230E 2000N	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	Numéro du canal assigné *Assigned channel number* Número del canal assignado
2	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen
3	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora
4	Symbole désignant le pays *Country symbol* Símbolo designativo del país
5	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora
6	Système de télévision - *Television system* Sistema de televisión
7	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)
8	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena
9	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)
10	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación
11A	Zone climatique - *Climatic zone* Zona climática
11B	Observations *Remarks* Observaciones

470-960 MHz Mc/s BT

1	2	3	4	5		6	7	8	9	10	11A	11B
32	8M	SAN	MLI	0453W	1318N	K	250	ND	300	H	3	
32	8P	SANANGA	MLI	0454W	1513N	K	250	ND	300	H	3	
32	0	SIKASSO	MLI	0557W	1110N	K	250	ND	600	H	3	
32	8P	TIBESSA	MLI	0850W	1302N	K	250	ND	300	V	3	
32	0	V	MLI	0000W	1520N	K	25	ND	300	V	3	
32	8M	A	MTN	1511W	2020N	K	250	ND	300	H	4	
32	8M	MAGHAMA	MTN	1252W	1532N	K	50	D	300	H	4	74/130/270/5
32	0	ADUDERAS	NGR	0818E	1737N	K	250	ND	300	V	3	
32	0	B	NGR	0438E	1610N	K	250	ND	300	H	3	
32	0	G	NGR	1010E	2208N	K	250	ND	300	H	2	
32	0	MIR	NGR	1200E	1405N	K	250	ND	300	V	3	
32	0	OUALLAM	NGR	0205E	1419N	K	250	ND	300	V	3	
32	8M	BADAGRY	NIG	0310E	0629N	I	50	ND	150	H	5	
32	0	ILORIN	NIG	0433E	0832N	I	50	ND	150	H	3	
32	8P	MZUZU	NYA	3400E	1126S	G	500	ND	150	H	3	
32	0	LIVINGSTONE	RHN	2558E	1753S	G	500	ND	150	H	3	
32	8P	MANKOYA	RHN	2448E	1448S	G	500	ND	150	H	3	
32	0	KASSALA	SDN	3630E	1524N	H	200	ND	300	H	3	14
32	8M	KOUNGHEUL	SEN	1447W	1358N	K	50	ND	300	V	4	
32	0	MBELOGNEBAYEDI	SEN	1542W	1606N	K	50	ND	300	V	4	
32	0	ZIGUINCHOR	SEN	1615W	1235N	K	335	ND	300	V	4	
32	8P	BRAVA	SOM	4402E	0107N	G	10	ND	40	H	2	
32	8M	LUGH FERRANDI	SOM	4233E	0350N	G	5	ND	80	H	2	
32	8P	UAR MEDO	SOM	4945E	1120N	G	2000	ND	1260	H	2	
32	0	ABGE	TCD	1931E	1157N	K	250	ND	300	H	3	
32	0	ABOUGARGA	TCD	1624E	1158N	K	250	ND	300	H	3	
32	0	ALIFA	TCD	1755E	1250N	K	250	ND	300	H	3	
32	0	KOUMRA	TCD	1733E	0855N	K	250	ND	300	H	5	
32	0	DAR ES SALAAM	TGK	3915E	0650S	I	500	ND	150	H	3	
32	8M	PIC BAUMANN	TGO	0046E	0652N	K	250	ND	600	V	5	
33	8P	C92	AFS	2304E	2624S	I	350	ND	300	H	2	
33	8P	CARNARVON	AFS	2229E	3058S	I	350	ND	300	H	6	
33	0	KNEUKEL	AFS	2410E	2815S	I	350	ND	200	H	6	
33	8P	LADYBRAND	AFS	2722E	2912S	I	350	ND	350	H	6	
33	8M	S12	AFS	1730E	2515S	I	350	ND	300	H	2	
33	0	S23	AFS	1610E	2235S	I	350	ND	300	H	2	

470-960 MHz Mc/s BT

1	2	3	4	5		6	7	8	9	10	11A	11B
33	8P	S63	AFS	1930E	1802S	I	350	ND	300	H	2	
33	0	STEYTLERVILLE	AFS	2434E	3336S	I	350	ND	300	H	6	
33	0	UMTATA	AFS	2842E	3144S	I	350	ND	300	H	6	
33	8M	UPINGTON	AFS	2055E	2830S	I	350	ND	300	H	2	
33	8P	VAALWATER	AFS	2753E	2402S	I	350	ND	250	H	6	
33	8P	V SARMENTO	AGL	2033E	0807S	I	250	ND	75	H	3	
33	0	BANGOROKOTA	CAF	1655E	0733N	K	250	ND	300	V	5	
33	0	BOGANGOLO	CAF	1811E	0532N	K	250	ND	300	H	5	
33	0	HIRRA BANDA	CAF	2200E	0600N	K	250	ND	300	H	5	
33	0	I	CAF	2410E	0835N	K	250	ND	300	H	5	
33	0	MANZA	CAF	2710E	0524N	K	250	ND	300	H	5	
33	0	ZEMIO	CAF	2508E	0507N	K	250	ND	300	V	5	
33	0	BOSENGE	CGO	2220E	0118N	K	250	ND	300	V	5	
33	8M	BOYERA	CGO	1923E	0040S	K	250	ND	300	H	3	
33	0	IKELA	CGO	2305E	0107S	K	250	ND	300	H	3	
33	8P	KISABI	CGO	2910E	0804S	K	250	ND	300	H	3	
33	0	LOKOLAMA	CGO	1953E	0234S	K	250	ND	300	V	3	
33	0	LUBUDI	CGO	2559E	0958S	K	250	ND	300	H	3	
33	0	MBOI	CGO	2154E	0656S	K	250	ND	300	V	3	
33	0	N ANVERS	CGO	1909E	0135N	K	250	ND	300	H	5	
33	0	SANDOA	CGO	2251E	0943S	K	250	ND	300	H	3	
33	0	YANONGE	CGO	2441E	0037N	K	250	ND	300	H	5	
33	8P	YASA	CGO	2112E	0341S	K	250	ND	300	H	3	
33	8M	DOUALA	CME	0947E	0404N	K	250	ND	300	V	5	
33	0	KARANG	CME	1315E	0504N	K	100	ND	300	H	5	
33	0	POLI	CME	1315E	0829N	K	100	ND	600	V	5	
33	0	SANGMELIMA	CME	1157E	0256N	K	100	ND	300	V	5	
33	0	TEMBE	CME	1516E	0247N	K	250	ND	300	H	5	
33	8P	WOMI	CME	1400E	0730N	K	250	ND	300	H	5	
33	0	WUM	CME	1005E	0623N	K	335	ND	300	V	5	
33	0	YAOUNDE	CME	1129E	0354N	K	250	ND	600	H	5	
33	0	BERAN DJOKO	COG	1654E	0322N	K	250	ND	300	V	5	
33	8P	F	COG	1430E	0030S	K	250	ND	300	H	5	
33	0	KINKALA	COG	1448E	0422S	K	250	ND	300	H	5	
33	0	LOUDIMA	COG	1303E	0408S	K	250	ND	300	H	5	
33	0	MAKOTIMPOKO	COG	1620E	0200S	K	250	ND	300	H	5	

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
33	0	MAYAMA	COG	1452E	0349S	K	250	ND	600	H	5	
33	0	MOBENZELE	COG	1750E	0858N	K	250	ND	300	H	5	
33	8M	MT TONKOVI	CTI	0736W	0727N	K	335	ND	600	H	5	
33	8M	TANKONAKRO	CTI	0440W	0714N	K	250	ND	300	H	5	
33	8P	ATCHERIGBE	DAH	0205E	0735N	K	250	ND	300	H	5	
33	8M	BIMBEREKE	DAH	0239E	1014N	K	250	ND	300	H	3	
33	0	BUSH	EGY	3107E	2909N	H	500	ND	150	H	2	
33	0	MERSA ALAM	EGY	3455E	2503N	H	500	ND	150	H	2	
33	0	ADWA	ETH	3854E	1414N	G	250	ND	1200	H	6	
33	8M	AGAR MARIAM	ETH	3815E	0537N	G	250	ND	600	H	6	
33	8M	BEICA	ETH	3431E	0920N	G	250	ND	150	H	6	
33	8M	DESSIE	ETH	3938E	1107N	G	250	ND	300	H	6	
33	0	GHION	ETH	3750E	0837N	G	250	ND	1200	H	6	
33	0	EBELE	GAB	1109E	0008N	K	250	ND	300	H	5	
33	0	FRANCEVILLE	GAB	1333E	0136S	K	250	ND	300	V	5	
33	0	NTOUM	GAB	0946E	0020N	K	250	ND	300	H	5	
33	0	TCHIBANGA	GAB	1103E	0251S	K	250	ND	300	H	5	
33	0	KINDIA	GUI	1254W	1004N	K	250	ND	600	H	3	
33	8M	KOUARE	HVO	0018E	1157N	K	250	ND	300	H	3	
33	8P	NIOUMA	HVO	0238W	1257N	K	250	ND	300	H	3	
33	0	WAHABOU	HVO	0306W	1142N	K	250	ND	300	H	3	
33	0	MACHAKOS	KEN	3715E	0130S	I	1000	ND	300	V	3	
33	0	CUREPIPE	MAU	5732E	2019S	I	250	ND	300	H	4	
33	0	AMBORAMPOTSY	MDG	4619E	2041S	K	250	ND	600	H	3	
33	0	AMBODIFOTATRA	MDG	4952E	1700S	K	250	ND	300	H	3	
33	0	AMBOHIMILANJA	MDG	4759E	1954S	K	250	ND	300	H	3	
33	0	ANDOHARANO	MDG	4711E	1815S	K	250	ND	300	H	3	
33	0	ANKONDROMENA	MDG	4500E	1823S	K	250	ND	300	H	3	
33	0	ARIVONIMAMO	MDG	4708E	1900S	K	250	ND	300	H	3	
33	0	BEKILY	MDG	4519E	2416S	K	250	ND	300	H	3	
33	0	IANADABO	MDG	4400E	2216S	K	250	ND	600	H	3	
33	0	ISEKENY	MDG	4456E	1909S	K	250	ND	300	H	3	
33	0	KELIALANA	MDG	4354E	2430S	K	250	ND	300	H	3	
33	0	MANAKARA	MDG	4800E	2209S	K	250	ND	300	H	3	
33	0	NOSY VARIKA	MDG	4824E	2040S	K	250	ND	300	H	3	
33	0	SATROKALA	MDG	4544E	2219S	K	250	ND	300	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
33	0	TSARATANANA	MDG	4740E	1648S	K	250	ND	300	H	3	
33	0	TSITENDEMOKA	MDG	4443E	2048S	K	250	ND	300	H	3	
33	0	VOHIDRAZANA	MDG	4831E	1858S	K	500	ND	600	H	3	
33	8P	DIALAKON	MLI	1020W	1346N	K	50	ND	600	V	3	
33	8P	DIOILA	MLI	0648W	1229N	K	250	ND	300	H	3	
33	8P	DJENNE	MLI	0434W	1355N	K	250	ND	300	V	3	
33	0	KADIOLO	MLI	0546W	1033N	K	250	ND	300	V	3	
33	0	KANGABA	MLI	0830W	1200N	K	250	ND	300	V	3	
33	0	KIRANE	MLI	1013W	1525N	K	25	ND	300	V	3	
33	8M	MANANKORO	MLI	0743W	1025N	K	25	ND	300	V	3	
33	0	NIAFOUNKE	MLI	0359W	1556N	K	250	ND	300	H	3	
33	0	SIKORO	MLI	0701W	1401N	K	250	ND	300	H	3	
33	8M	TAOUDENI	MLI	0356W	2240N	K	250	ND	300	H	2	
33	8M	MOCIMBOA PRAIA	MOZ	4021E	1120S	I	250	ND	38	H	5	
33	0	VILA JOAO BELO	MOZ	3338E	2503S	I	250	ND	150	H	3	
33	8M	KANKOSSA	MTN	1131W	1556N	K	250	ND	300	H	3	
33	8P	MAL	MTN	1320W	1656N	K	250	D	300	H	4	74/120/250/50
33	0	MEDERDRA	MTN	1539W	1657N	K	250	D	300	H	4	74/10/240/10
33	8P	MOUJOUFAN	MTN	0738W	1543N	K	250	ND	300	H	3	
33	0	Q	MTN	1453W	2051N	K	250	ND	300	H	4	
33	8P	S	MTN	1137W	2348N	K	250	ND	300	H	2	
33	0	DANGAMI	NGR	0727E	1334N	K	250	ND	300	H	3	
33	0	DOGORADUA	NGR	0533E	1357N	K	50	ND	300	V	3	
33	0	GOTHEYE	NGR	0134E	1351N	K	250	ND	300	V	3	
33	8M	OUACHA	NGR	0918E	1322N	K	250	ND	300	H	3	
33	0	Q	NGR	0620E	1940N	K	250	ND	300	H	2	
33	0	ENUGU	NIG	0729E	0620N	I	250	ND	150	H	5	
33	0	POINT C	NIG	1200E	1310N	I	250	D	150	H	3	74/300/60/25
33	0	ZARIA	NIG	0740E	1100N	I	250	ND	150	H	3	
33	8P	KAPIRI MPOSHI	RHN	2815E	1410S	G	500	ND	150	H	3	
33	8M	MAGOYE	RHN	2735E	1601S	G	500	ND	150	H	3	
33	8M	GUTU	RHS	3109E	1940S	G	500	ND	150	H	3	
33	0	KHARTOUM	SDN	3232E	1537N	H	200	ND	300	H	3	14
33	0	MALAKAL	SDN	3140E	0931N	H	200	ND	300	H	3	14
33	8M	BELEL DAMALA	SEN	1429W	1430N	K	50	ND	300	H	4	
33	8P	LOUGA	SEN	1613W	1538N	K	50	ND	300	V	4	

1	2	3	4	5	6	7	8	9	10	11A	11B
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33	8P	SARAYA	SEN	1145W 1250N	K	50	ND	300	H	4	
33	8M	OBBIA	SOM	4830E 0520N	G	5	ND	70	H	2	
33	0	V D ABRUZZI	SOM	4530E 0245N	G	2	ND	50	H	2	
33	0	ABKAR DJOMBO	TCD	2105E 1311N	K	250	ND	300	H	3	
33	0	AMDJEMENA	TCD	1719E 1306N	K	250	ND	300	H	3	
33	0	ARADA	TCD	2035E 1502N	K	250	ND	300	H	3	
33	0	BARDAI	TCD	1659E 2120N	K	250	ND	300	H	2	
33	0	BONGOR	TCD	1017E 1024N	K	250	ND	300	H	3	
33	0	MANABA	TCD	1705E 1106N	K	250	ND	300	H	3	
33	8M	MOISSALA	TCD	1746E 0820N	K	250	ND	300	H	5	
33	0	NGOURI	TCD	1522E 1339N	K	250	ND	300	H	3	
33	0	KILWA	TGK	3925E 0840S	I	500	ND	150	H	3	
33	0	TABORA	TGK	3250E 0500S	I	500	ND	150	H	3	
33	0	SANSANNE MANGO	TGO	0028E 1021N	K	250	ND	300	H	3	
34	8M	LITTLE ADEN	ADN	4552E 1246N	I	50	ND	300	H	4	13
34	8M	BEAUFORT WEST	AFS	2234E 3221S	I	10	ND	100	H	6	
34	8P	BLOUBERG	AFS	2859E 2304S	I	350	ND	300	H	6	
34	0	BREDASDORP	AFS	1954E 3432S	I	350	ND	300	H	1	
34	8M	C80	AFS	2229E 2722S	I	350	ND	300	H	2	
34	8P	GRAAFWATER	AFS	1839E 3205S	I	350	ND	300	H	1	
34	8P	HARRISMITH	AFS	2910E 2815S	I	10	ND	300	H	6	
34	0	JANSENVILLE	AFS	2457E 3254S	I	350	ND	350	H	6	
34	8M	KOSIES	AFS	1735E 2905S	I	350	ND	350	H	2	
34	0	LOTHAIR	AFS	3037E 2612S	I	350	ND	300	H	6	
34	0	PT.SHEPSTONE	AFS	3017E 3044S	I	350	ND	300	H	6	
34	8M	RUSTENBURG	AFS	2707E 2537S	I	350	ND	300	H	6	
34	8M	S14	AFS	1610E 2350S	I	350	ND	300	H	2	
34	8P	S29	AFS	1735E 2140S	I	350	ND	300	H	2	
34	8P	S49	AFS	1355E 1850S	I	350	ND	300	H	2	
34	8M	S67	AFS	2335E 1752S	I	350	ND	300	H	2	
34	8P	STRYDENBURG	AFS	2350E 3007S	I	350	ND	300	H	6	
34	8M	ZASTRON	AFS	2703E 3018S	I	10	ND	100	H	6	
34	8M	HENR.CARVALHO	AGL	2023E 0939S	I	250	ND	38	H	3	
34	0	BIRAO	CAF	2247E 1016N	K	250	ND	300	V	5	
34	8M	BODA	CAF	1730E 0422N	K	250	ND	300	H	5	
34	0	D	CAF	1900E 0825N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
34	0	GOZION	CAF	1632E 0653N	K	250	ND	300	H	5	
34	0	HARGA	CAF	2149E 0517N	K	250	ND	300	H	5	
34	0	PAKANDJIA	CAF	1620E 0431N	K	250	ND	300	H	5	
34	8P	ANGO	CGO	2550E 0402N	K	250	ND	300	H	5	
34	8P	BARAKA	CGO	2905E 0409S	K	250	ND	300	H	3	
34	0	INONGO	CGO	1816E 0156S	K	250	ND	300	H	3	
34	8M	KAPANGA KATANG	CGO	2245E 0825S	K	250	ND	300	H	3	
34	8M	KIKWIT	CGO	1845E 0505S	K	250	ND	300	H	3	
34	8M	LUEBO	CGO	2122E 0520S	K	250	ND	300	V	3	
34	0	BANDENKOP	CME	1022E 0514N	K	100	ND	600	H	5	
34	0	BANYO	CME	1150E 0644N	K	100	ND	600	H	5	
34	8P	KOMBOLAKA	CME	1444E 0625N	K	335	ND	300	H	5	
34	0	KRIBI	CME	0956E 0256N	K	250	ND	300	H	5	
34	0	BANDEKO	COG	1718E 0157N	K	250	ND	300	H	5	
34	0	BETOU	COG	1830E 0305N	K	250	ND	300	H	5	
34	0	FT ROUSSET	COG	1504E 0030S	K	250	ND	300	H	5	
34	0	I	COG	1130E 0340S	K	250	ND	300	H	5	
34	0	OPATA	COG	1342E 0228S	K	250	ND	300	H	5	
34	0	MOHELI E	COM	4344E 1219S	K	100	D	600	H	4	74/130/180/10
34	0	ABIDJAN	CTI	0401W 0526N	K	250	ND	300	H	5	
34	8P	DIAWALA	CTI	0528W 1006N	K	250	ND	300	H	5	
34	8M	KATIOLA	CTI	0511W 0849N	K	250	ND	300	H	5	
34	0	KORODJIMANE	CTI	0650W 0854N	K	25	ND	600	V	5	
34	0	SASSANDRA	CTI	0606W 0456N	K	250	ND	300	V	5	
34	8P	SAVE	DAH	0228E 0804N	K	335	ND	300	H	5	
34	0	ZOUGOU	DAH	0259E 1044N	K	250	ND	300	H	3	
34	0	FARAFRA	EGY	2753E 2705N	H	500	ND	150	H	2	
34	0	SOHAG	EGY	3143E 2627N	H	500	ND	150	H	2	
34	8M	BARENTU	ETH	3737E 1507N	G	250	ND	300	H	6	
34	8P	DEBRE TABOR	ETH	3811E 1143N	G	250	ND	1200	H	6	
34	8P	HARRAR	ETH	4204E 0908N	G	500	ND	600	H	6	
34	8M	TENDAHO	ETH	4057E 1142N	G	250	ND	600	H	2	
34	0	BOUE	GAB	1156E 0001S	K	250	ND	300	H	5	
34	8P	MBIGOU	GAB	1135E 0156S	K	250	ND	300	H	5	
34	8M	MEDOUNEU	GAB	1045E 0053N	K	250	ND	300	H	5	
34	0	BASSE	GMB	1415W 1320N	I	100	ND	300	H	4	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
34	0	FARMOREAH	GUI	1302W 0917N	K	250	ND	300	H	5	
34	0	KAMFARADOUGOU	GUI	0848W 0932N	K	250	ND	300	H	5	
34	8M	MALI	GUI	1217W 1206N	K	250	D	1200	H	3	75/337/25
34	0	SIGUIRI	GUI	0910W 1125N	K	250	ND	300	V	3	
34	0	BOBO DIOULASSO	HVO	0306W 1107N	K	250	ND	300	H	3	
34	8P	ITITINGA	HVO	0201W 1350N	K	250	ND	300	H	3	
34	8P	MONTKOTOU	HVO	0303W 1017N	K	335	ND	300	H	3	
34	0	TYABOANDOU	HVO	0018E 1251N	K	250	ND	300	H	3	
34	0	MT KENYA	KEN	3725E 0015S	I	2000	ND	1200	H	3	
34	8M	BOUREM	MLI	0021W 1657N	K	250	ND	300	H	3	
34	8M	DIALAKORO	MLI	0735W 1020N	K	250	ND	300	V	3	
34	0	KENIEBA	MLI	1112W 1251N	K	25	ND	600	H	3	
34	8M	KOLOMINA	MLI	0801W 1429N	K	250	ND	300	H	3	
34	8P	KONA	MLI	0354W 1457N	K	250	ND	300	V	3	
34	8P	M	MLI	0505W 1840N	K	250	ND	300	H	3	
34	8P	SEFE	MLI	0950W 1408N	K	250	ND	300	H	3	
34	0	SOKOLO	MLI	0608W 1445N	K	250	ND	300	H	2	
34	8M	TIOU TIOU	MLI	0423W 1256N	K	250	ND	300	H	3	
34	0	TOMBOUCTOU	MLI	0301W 1647N	K	250	ND	300	H	2	
34	0	INHARRIME	MOZ	3504E 2429S	I	250	ND	38	H	3	
34	8P	BIROUMEL GREIM	MTN	1131W 2508N	K	250	ND	300	H	2	
34	8M	C	MTN	1313W 2105N	K	250	ND	300	H	4	
34	8M	TAMCHAKETT	MTN	1043W 1716N	K	250	ND	300	H	3	
34	8P	DIOUNDIOU	NGR	0334E 1240N	K	250	ND	300	H	3	
34	0	E	NGR	0707E 2012N	K	250	ND	300	V	2	
34	0	GOURE	NGR	1019E 1401N	K	250	ND	300	H	3	
34	0	T	NGR	1045E 2240N	K	250	ND	300	H	2	
34	0	X	NGR	1440E 1620N	K	250	ND	300	H	3	
34	0	LOKOJA	NIG	0643E 0748N	I	250	ND	150	H	5	
34	8M	BULAWAYO	RHS	2834E 2012S	G	500	ND	150	H	3	
34	8P	GATOOMA	RHS	2956E 1818S	G	500	ND	150	H	3	
34	8M	AMADI OUNARE	SEN	1302W 1519N	K	50	ND	300	V	4	
34	8P	BOULEL	SEN	1540W 1524N	K	250	D	300	H	4	74/120/200/25
34	8P	GALCAIO	SOM	4725E 0645N	G	5	ND	180	H	2	
34	8M	ISCIA BAIDOA	SOM	4340E 0308N	G	2000	ND	320	H	2	
34	0	SCUSCIUBAN	SOM	5015E 1015N	G	2	ND	85	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
34	0	AM TIMAN	TCD	2017E 1103N	K	250	ND	300	H	3	
34	0	BEMANGARA	TCD	1553E 0859N	K	250	ND	300	H	5	
34	0	FT LAMY	TCD	1504E 1206N	K	250	ND	300	H	3	
34	8P	MAR	TCD	1512E 0855N	K	250	ND	300	V	5	
34	0	BASSARI	TGO	0046E 0914N	K	250	ND	300	V	5	
34	0	LOME	TGO	0113E 0608N	K	250	ND	300	H	5	
35	8P	C.TOWN MINOR	AFS	1824E 3357S	I	10	ND	700	H	1	
35	0	GEORGE	AFS	2214E 3355S	I	350	ND	300	H	1	
35	0	KROONSTAD	AFS	2710E 2725S	I	350	ND	300	H	6	
35	0	NIEKERKSHOOP	AFS	2240E 2910S	I	350	ND	300	H	2	
35	0	QUEENSTOWN	AFS	2650E 3152S	I	500	ND	550	H	6	
35	8P	S20	AFS	1730E 2320S	I	350	ND	300	H	2	
35	0	S22	AFS	1445E 2230S	I	350	ND	300	H	2	
35	0	S56	AFS	1225E 1755S	I	350	ND	300	H	2	
35	8M	VAALPLAAS	AFS	2857E 2536S	I	350	ND	300	H	6	
35	8P	VRYHEID	AFS	3041E 2758S	I	350	ND	300	H	3	
35	0	FOUMBAN	CME	1055E 0543N	K	250	ND	600	V	5	
35	0	MANKIM	CME	1200E 0501N	K	250	ND	300	H	5	
35	0	MASIN	CME	1400E 0256N	K	250	ND	300	H	5	
35	0	TIGNERE	CME	1236E 0722N	K	250	ND	600	H	5	
35	0	YARIMBANG	CME	1455E 0701N	K	335	ND	300	V	5	
35	0	S.BARTOLOME	CNR	1345W 2900N	G	100	ND	300	H	4	
35	0	MOHELI W	COM	4340E 1221S	K	1	ND	300	H	4	
35	8P	FRESCO	CTI	0534W 0505N	K	250	ND	300	V	5	
35	0	POTWIA	GHA	0015E 0720N	K	50	ND	120	H	5	
35	0	OBOCK	SMF	4317E 1158N	K	1	ND	75	H	2	
36	8M	DUBLIN	AFS	3040E 2427S	I	350	ND	750	H	6	
36	8P	HOUNDSLOW	AFS	2708E 2352S	I	350	ND	150	H	6	
36	0	KALKSTASIE	AFS	1849E 3004S	I	350	ND	300	H	2	
36	0	KNEUKEL	AFS	2410E 2815S	I	350	ND	200	H	6	
36	8P	LADYBRAND	AFS	2722E 2912S	I	350	ND	350	H	6	
36	8M	MAFEKING	AFS	2538E 2552S	I	10	ND	100	H	6	
36	8M	MATJIESFONTEIN	AFS	2029E 3258S	I	350	ND	200	H	6	
36	0	MILLER	AFS	2343E 3256S	I	350	ND	300	H	6	
36	8M	NOUPOORT	AFS	2455E 3113S	I	350	ND	300	H	6	
36	8M	PIETERMARITZBG	AFS	3021E 2935S	I	10	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné *Assigned channel number* Número del canal assignado	2 Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	3 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	4 Symbole désignant le pays *Country symbol* Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	11A Zone climatique - *Climatic zone* Zona climática	11B Observations *Remarks* Observaciones
36	8P	S4	AFS	1802E 2715S	I	500	ND	300	H	2	
36	8P	S26	AFS	1855E 2225S	I	350	ND	300	H	2	
36	0	S39	AFS	2012E 2037S	I	350	ND	300	H	2	
36	0	VAALRAND	AFS	2828E 2645S	I	350	ND	300	H	6	
36	0	TALA	CAF	2243E 0928N	K	250	ND	300	H	5	
36	0	NGAMBE 2	CME	1126E 0551N	K	250	ND	300	H	5	
36	0	TOUMBI	GAB	1418E 0102N	K	250	ND	300	H	5	
36	0	D	NGR	0536E 1910N	K	250	ND	300	H	2	
36	0	Y	NGR	1335E 1525N	K	250	ND	300	H	3	
36	0	ILESHA	NIG	0445E 0738N	I	250	ND	150	H	5	
37	8P	BETHLEHEM	AFS	2830E 2814S	I	1000	ND	300	H	6	
37	8P	BLOUBERG	AFS	2859E 2304S	I	1000	ND	300	H	6	
37	0	BREDASDORP	AFS	1954E 3432S	I	350	ND	300	H	1	
37	8M	C80	AFS	2229E 2722S	I	350	ND	300	H	2	
37	8P	GRAAFWATER	AFS	1839E 3205S	I	350	ND	300	H	1	
37	0	JANSENVILLE	AFS	2457E 3254S	I	350	ND	350	H	6	
37	8M	KLEIN WATERVAL	AFS	2158E 3203S	I	1000	ND	300	H	6	
37	8M	KOSIES	AFS	1735E 2905S	I	350	ND	350	H	2	
37	0	LOTHAIR	AFS	3037E 2612S	I	350	ND	300	H	6	
37	0	PT SHEPSTONE	AFS	3017E 3044S	I	350	ND	300	H	6	
37	8M	RUSTENBURG	AFS	2707E 2537S	I	350	ND	300	H	6	
37	8M	S7	AFS	1630E 2635S	I	350	ND	300	H	2	
37	8P	S10	AFS	1935E 2640S	I	500	ND	300	H	2	
37	8P	S29	AFS	1735E 2140S	I	500	ND	300	H	2	
37	8M	S32	AFS	1435E 2110S	I	500	ND	300	H	2	
37	8P	STRYDENBURG	AFS	2350E 3007S	I	350	ND	300	H	6	
37	8M	ZASTRON	AFS	2703E 3018S	I	10	ND	100	H	6	
37	8M	KAMPTI	HVO	0331W 1004N	K	335	ND	300	H	3	
37	0	KOUMBIA	HVO	0342W 1114N	K	250	ND	300	H	3	
37	8P	VOINJAMA	LBR	0945W 0826N	H	250	D	200	H	5	75/112/25
37	8P	BIRNI NKONI	NGR	0512E 1348N	K	250	ND	300	H	3	
37	0	DANTIANDOU	NGR	0245E 1325N	K	250	ND	300	V	3	
37	0	TIN GARA	NGR	0130E 1457N	K	250	ND	300	H	3	
39	8M	C78	AFS	2018E 2735S	I	1000	ND	150	H	2	
39	8P	GRAHAMSTOWN	AFS	2642E 3317S	I	1000	ND	300	H	6	
39	8P	HOUNDSLOW	AFS	2706E 2352S	I	1000	ND	150	H	6	

1	2	3	4	5	6	7	8	9	10	11A	11B
39	0	KALKSTASIE	AFS	1849E 3004S	I	1000	ND	300	H	2	
39	8M	MAFEKING	AFS	2538E 2552S	I	10	ND	100	H	6	
39	0	MILLER	AFS	2343E 3256S	I	1000	ND	300	H	6	
39	8M	NOUPOORT	AFS	2455E 3113S	I	1000	ND	300	H	6	
39	0	RHODES	AFS	2807E 3018S	I	1000	ND	500	H	6	
39	8P	S4	AFS	1802E 2715S	I	1000	ND	300	H	2	
39	8P	S26	AFS	1855E 2225S	I	500	ND	300	H	2	
39	0	S27	AFS	1540E 2145S	I	1000	ND	300	H	2	
39	0	VAALRAND	AFS	2826E 2645S	I	1000	ND	300	H	6	
39	8P	V SARMENTO	AGL	2033E 0807S	I	250	ND	75	H	3	
39	0	BAMINGUI	CAF	2009E 0731N	K	250	ND	300	H	5	
39	0	BARI	CAF	2303E 0509N	K	250	ND	300	H	5	
39	0	BOGANGOLO	CAF	1811E 0532N	K	250	ND	300	H	5	
39	0	DOBANE	CAF	2436E 0628N	K	250	ND	300	H	5	
39	0	HIRRA BANDA	CAF	2200E 0600N	K	250	ND	300	H	5	
39	0	I	CAF	2410E 0835N	K	250	ND	300	H	5	
39	0	K	CAF	2130E 0920N	K	250	ND	300	H	5	
39	0	MANZA	CAF	2710E 0524N	K	250	ND	300	H	5	
39	0	ZEMIO	CAF	2508E 0507N	K	250	ND	300	H	5	
39	8P	BOSENGE	CGO	2220E 0118N	K	250	ND	300	H	5	
39	0	BOYERA	CGO	1923E 0040S	K	250	ND	300	V	3	
39	0	IKELA	CGO	2305E 0107S	K	250	ND	300	H	3	
39	8P	KISABI	CGO	2910E 0804S	K	250	ND	300	H	3	
39	8P	LUBUDI	CGO	2559E 0958S	K	250	ND	300	H	3	
39	8P	MBOI	CGO	2154E 0656S	K	250	ND	300	H	3	
39	0	N ANVERS	CGO	1909E 0135N	K	250	ND	300	H	5	
39	0	SANDOA	CGO	2251E 0943S	K	250	ND	300	H	3	
39	0	YANONGE	CGO	2441E 0037N	K	250	ND	300	H	5	
39	8P	YASA	CGO	2112E 0341S	K	250	ND	300	H	3	
39	0	ABONGMBANG	CME	1312E 0402N	K	100	ND	300	H	5	
39	8M	BAFIA	CME	1200E 0446N	K	100	ND	300	H	5	
39	0	BOUNDOU	CME	1325E 0539N	K	250	ND	300	V	5	
39	0	LAMOUDAN	CME	1332E 0859N	K	250	ND	300	H	5	
39	0	SANGMELIMA	CME	1157E 0256N	K	100	ND	300	V	5	
39	0	TEMBE	CME	1516E 0247N	K	250	ND	300	H	5	
39	0	F	COG	1430E 0030S	K	250	ND	300	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
39	0	KINKALA	COG	1448E	0422S	K	250	ND	300	H	5	
39	0	LOPI	COG	1640E	0255N	K	250	ND	300	H	5	
39	0	LOUDIMA	COG	1303E	0408S	K	250	ND	300	H	5	
39	0	MAKOTIMPOKO	COG	1620E	0200S	K	250	ND	300	H	5	
39	0	MOBENZELE	COG	1750E	0858N	K	250	ND	300	H	5	
39	8M	MOSSENDJO	COG	1242E	0257S	K	250	ND	300	H	5	
39	0	PANGALA	COG	1435E	0325S	K	250	ND	300	H	5	
39	0	BOUNA	CTI	0300W	0916N	K	250	ND	300	H	5	
39	8M	LAKOTA	CTI	0541W	0551N	K	250	ND	300	H	5	
39	0	NIABOCOGO	CTI	0642W	0937N	K	125	ND	600	V	5	
39	0	PINHOU	CTI	0721W	0638N	K	25	ND	300	H	5	
39	0	TANKONAKRO	CTI	0440W	0714N	K	250	ND	300	H	5	
39	8M	ZANZRA	CTI	0640W	0729N	K	250	ND	300	H	5	
39	0	ATCHERIGBE	DAH	0205E	0735N	K	250	ND	300	H	5	
39	8M	BIMBEREKE	DAH	0239E	1014N	K	250	ND	300	H	3	
39	8M	CAIRO	EGY	3109E	3002N	H	100	ND	300	H	2	11
39	8P	CALLAFO	ETH	4413E	0536N	G	250	ND	150	V	2	
39	8P	GURAFARDA	ETH	3456E	0651N	G	250	ND	600	H	6	
39	0	EBELE	GAB	1109E	0008N	K	250	ND	300	H	5	
39	0	FRANCEVILLE	GAB	1333E	0136S	K	250	ND	300	V	5	
39	8P	TCHIBANGA	GAB	1103E	0251S	K	250	ND	300	H	5	
39	8M	KABA	GUI	1141W	1010N	K	250	ND	300	H	3	
39	0	KEROUANE	GUI	0856W	0914N	K	250	D	00	H	5	75/161/25
39	0	KODIERAN	GUI	0854W	1034N	K	250	D	300	H	3	75/97/25
39	8M	OUELIA	GUI	1231W	0951N	K	250	ND	300	H	5	
39	8M	KOUARE	HVO	0018E	1157N	K	250	ND	300	H	3	
39	0	MANE	HVO	0120W	1259N	K	250	ND	300	H	3	
39	0	WAHABOU	HVO	0306W	1142N	K	250	ND	300	H	3	
39	0	MT KENYA	KEN	3725E	0015S	I	2000	ND	1200	H	3	
39	0	HUN	LBY	1554E	2910N	G	100	ND	150	H	2	
39	0	AMBOHIMILANJA	MDG	4759E	1954S	K	250	ND	300	H	3	
39	0	AMBODIFOTATRA	MDG	4952E	1700S	K	250	ND	300	H	3	
39	0	AMBORAMPOTSY	MDG	4619E	2041S	K	250	ND	600	H	3	
39	0	ANDOHARANO	MDG	4711E	1815S	K	250	ND	300	H	3	
39	0	ANKASAKASA	MDG	4452E	1621S	K	250	D	300	H	3	74/340/350/10
39	0	ANKONDROMENA	MDG	4500E	1823S	K	250	ND	300	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
39	0	ARIVONIMAMO	MDG	4706E	1900S	K	250	ND	300	H	3	
39	0	BEKILY	MDG	4519E	2416S	K	250	ND	300	H	3	
39	0	IANADABO	MDG	4400E	2216S	K	250	ND	600	H	3	
39	0	ISEKENY	MDG	4456E	1909S	K	250	ND	300	H	3	
39	0	KELIALANA	MDG	4354E	2430S	K	250	ND	300	H	3	
39	0	MANAKARA	MDG	4800E	2209S	K	250	ND	300	H	3	
39	0	NOSY VARIKA	MDG	4824E	2040S	K	250	ND	300	H	3	
39	0	SATROKALA	MDG	4544E	2219S	K	250	ND	300	H	3	
39	0	TSARATANANA	MDG	4740E	1648S	K	250	ND	300	H	3	
39	0	TSITENDEMOKA	MDG	4443E	2048S	K	250	ND	300	H	3	
39	0	VOHIDRAZANA	MDG	4831E	1858S	K	500	ND	600	H	3	
39	8P	DIALAKON	MLI	1020W	1346N	K	250	ND	600	V	3	
39	8P	DIOILA	MLI	0648W	1229N	K	250	ND	300	H	3	
39	8P	DJENNE	MLI	0434W	1355N	K	250	ND	300	V	3	
39	0	KANGABA	MLI	0830W	1200N	K	25	ND	300	V	3	
39	0	KIRANE	MLI	1013W	1525N	K	250	ND	300	H	3	
39	8M	MANANKORO	MLI	0743W	1025N	K	25	ND	300	H	3	
39	0	NIAFOUNKE	MLI	0359W	1556N	K	250	ND	300	H	3	
39	0	SIKORO	MLI	0701W	1401N	K	250	ND	300	V	3	
39	8M	TAOUDENI	MLI	0358W	2240N	K	250	ND	300	V	2	
39	0	CANICADO	MOZ	3301E	2430S	I	250	ND	38	H	3	
39	8M	KANKOSSA	MTN	1131W	1556N	K	250	D	300	H	3	74/90/180/25
39	8P	MAL	MTN	1320W	1656N	K	250	D	300	H	4	74/120/250/50
39	0	MEDERDRA	MTN	1539W	1657N	K	250	D	300	H	4	74/110/240/10
39	8P	MOUJOUFAN	MTN	0738W	1543N	K	250	D	300	H	3	74/90/180/25
39	0	Q	MTN	1453W	2051N	K	250	ND	300	H	4	
39	8P	S	MTN	1137W	2348N	K	250	ND	300	H	2	
39	0	C	NGR	0504E	1740N	K	250	ND	300	H	3	
39	0	DOGORAOUA	NGR	0533E	1357N	K	250	ND	300	H	3	
39	0	GORBEY	NGR	0241E	1451N	K	250	ND	300	H	3	
39	0	LAMORDE TORODI	NGR	0146E	1307N	K	250	ND	300	V	3	
39	0	R	NGR	0745E	2040N	K	250	ND	300	H	2	
39	0	IBADAN	NIG	0356E	0724N	I	250	ND	150	H	5	
39	8M	SOKOTO PTA	NIG	0410E	1300N	I	250	ND	150	H	3	
39	0	BANGWEULU	RHN	3010E	1205S	G	500	ND	150	H	3	
39	8P	KAPIRI MPOSHI	RHN	2815E	1410S	G	500	ND	150	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné *Assigned channel number* Número del canal assignado	2 Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	3 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	4 Symbole désignant le pays *Country symbol* Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	11A Zone climatique - *Climatic zone* Zona climática	11B Observations *Remarks* Observaciones
39	8M	MAGOYE	RHN	2735E 1601S	G	500	ND	150	H	3	
39	8M	GUTU	RHS	3109E 1940S	G	500	ND	150	H	3	
39	0	KHARTOUM	SDN	3232E 1537N	H	200	ND	300	H	3	14
39	0	MALAKAL	SDN	3140E 0931N	H	200	ND	300	H	3	14
39	8M	BELEL DAMALA	SEN	1429W 1430N	K	50	ND	300	H	4	
39	8P	LOUGA	SEN	1613W 1538N	K	50	ND	300	V	4	
39	8P	SARAYA	SEN	1145W 1250N	K	50	ND	300	H	4	
39	0	ANSE BOILEAU	SEY	5529E 0443S	I	10	ND	600	H	4	
39	8M	CHISIMAIO	SOM	4232E 0022S	G	1000	ND	60	H	2	
39	0	BIG BEND	SWZ	3158E 2647S	I	50	ND	300	H	3	
39	0	AMDJEMENA	TCD	1719E 1306N	K	250	ND	300	H	3	
39	0	ARADA	TCD	2035E 1502N	K	250	ND	300	H	3	
39	0	BARDAI	TCD	1659E 2120N	K	250	ND	300	H	2	
39	0	BONGOR	TCD	1017E 1024N	K	250	ND	300	H	3	
39	0	DAGELA	TCD	1828E 1039N	K	250	ND	600	H	3	
39	0	MOISSALA	TCD	1746E 0820N	K	250	ND	300	H	5	
39	0	N	TCD	2350E 1655N	K	250	ND	300	H	3	
39	0	NGOURI	TCD	1522E 1339N	K	250	ND	300	H	3	
39	0	SANSANNE MANGO	TGO	0028E 1021N	K	250	ND	300	H	3	
40	0	BELFAST	AFS	3003E 2525S	I	1000	ND	300	H	6	
40	8P	BETHLEHEM	AFS	2830E 2814S	I	1000	ND	300	H	6	
40	8M	C91	AFS	2212E 2636S	I	1000	ND	150	H	2	
40	8P	KENTANI	AFS	2816E 3228S	I	1000	ND	300	H	6	
40	8M	KLEIN WATERVAL	AFS	2158E 3203S	I	1000	ND	300	H	6	
40	8M	LETABA	AFS	3140E 2349S	I	1000	ND	250	H	6	
40	8P	S10	AFS	1935E 2640S	I	1000	ND	300	H	2	
40	8P	S18	AFS	1530E 2310S	I	1000	ND	300	H	2	
40	8M	S32	AFS	1435E 2110S	I	1000	ND	300	H	2	
40	8M	S54	AFS	1905E 1855S	I	1000	ND	300	H	2	
40	8M	SMITHFIELD	AFS	2629E 2959S	I	1000	ND	300	H	6	
40	0	VILLIERSDORP	AFS	1931E 3358S	I	1000	ND	1200	H	1	
40	8M	CUANGO	AGL	1633E 0614S	I	250	ND	150	H	3	
40	8M	HENR.CARVALHO	AGL	2023E 0939S	I	250	ND	38	H	3	
40	0	BIRAO	CAF	2247E 1016N	K	250	ND	300	H	5	
40	8M	BODA	CAF	1730E 0422N	K	250	ND	300	H	5	
40	0	D	CAF	1900E 0825N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
40	0	E	CAF	2555E 0645N	K	250	ND	300	H	5	
40	0	GOZION	CAF	1632E 0653N	K	250	ND	300	H	5	
40	0	HARGA	CAF	2149E 0517N	K	250	ND	300	H	5	
40	8M	BANALIA	CGO	2523E 0134N	K	250	ND	300	H	5	
40	8P	BARAKA	CGO	2905E 0409S	K	250	ND	300	V	3	
40	8M	BOLOBO	CGO	1615E 0228S	K	250	ND	300	V	3	
40	0	BUDJALA	CGO	1945E 0237N	K	250	ND	300	H	5	
40	0	DILOLO	CGO	2227E 1028S	K	250	ND	300	H	3	
40	0	DIMBELENGE	CGO	2305E 0532S	K	250	ND	300	H	3	
40	8M	ELISABETHVILLE	CGO	2726E 1139S	K	250	ND	300	H	3	
40	8M	GOMA	CGO	2914E 0141S	K	250	ND	300	H	3	
40	0	ITULA	CGO	2750E 0330S	K	250	ND	300	H	3	
40	0	KAHEMBA	CGO	1900E 0730S	K	250	ND	300	H	3	
40	8P	LOTO	CGO	2230E 0248S	K	250	ND	300	H	3	
40	8P	LUBUTU	CGO	2634E 0044S	K	250	ND	300	H	3	
40	8P	LULONGA	CGO	1825E 0032S	K	250	ND	300	H	5	
40	0	AMBAM	CME	1118E 0226N	K	335	D	300	V	5	74/130/190/25
40	0	BANDENKOP	CME	1022E 0514N	K	100	ND	600	H	5	
40	0	BELEL	CME	1425E 0704N	K	250	ND	300	V	5	
40	0	BIRSOK	CME	1306E 0700N	K	250	ND	300	H	5	
40	0	DJASI	CME	1234E 0503N	K	100	ND	300	H	5	
40	8M	GUIDER	CME	1355E 0950N	K	335	ND	300	H	5	
40	0	KRIBI	CME	0956E 0256N	K	250	ND	300	H	5	
40	0	BANDEKO	COG	1718E 0157N	K	250	ND	300	H	5	
40	0	BETOU	COG	1830E 0305N	K	250	ND	300	H	5	
40	0	BOEMBE	COG	1545E 0258S	K	25	ND	300	H	5	
40	0	I	COG	1130E 0340S	K	250	ND	300	H	5	
40	0	MATOKO	COG	1710E 0059S	K	250	ND	300	H	5	
40	0	OPATA	COG	1342E 0228S	K	250	ND	300	H	5	
40	0	AGBOVILLE	CTI	0413W 0556N	K	250	ND	300	H	5	
40	0	KIENDIARA	CTI	0253W 0810N	K	250	ND	300	H	5	
40	0	KORODJIMAVE	CTI	0650W 0854N	K	250	ND	600	V	5	
40	8P	SAVE	DAH	0228E 0804N	K	335	ND	300	H	5	
40	0	ZOUGOU	DAH	0259E 1044N	K	250	ND	300	H	3	
40	0	RAS GHAREB	EGY	3218E 2806N	H	500	ND	150	H	2	
40	0	CONSO	ETH	3733E 0515N	G	250	ND	600	H	6	

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40	8P	GIMMA	ETH	3654E 0742N	G	500	ND	300	H	6	
40	8M	TESSENEI	ETH	3641E 1507N	G	250	ND	600	H	6	
40	0	TORI	ETH	3335E 0754N	G	250	ND	150	H	2	
40	0	BOUE	GAB	1156E 0001S	K	250	ND	300	H	5	
40	8P	MBIGOU	GAB	1135E 0156S	K	250	ND	300	H	5	
40	8M	MEDOUNEU	GAB	1045E 0053N	K	250	ND	300	H	5	
40	0	BASSE	GMB	1415W 1320N	I	100	ND	300	H	4	
40	0	FARMOREAH	GUI	1302W 0917N	K	250	ND	300	H	5	
40	8M	MALI	GUI	1217W 1206N	K	250	D	1200	H	3	74/300/70/2,5
40	8P	SIGUIRI	GUI	0910W 1125N	K	250	ND	300	V	3	
40	0	BOBO DIOULASSO	HVO	0306W 1107N	K	250	ND	300	H	3	
40	8P	ITITINGA	HVO	0201W 1350N	K	250	ND	300	V	3	
40	8P	MONTKOTOU	HVO	0303W 1017N	K	335	ND	300	H	3	
40	0	TYABOANDOU	HVO	0016E 1251N	K	250	ND	300	H	3	
40	0	FORT HALL	KEN	3710E 0040S	I	1000	ND	300	H	3	
40	0	AMBATOMASO	MDG	4546E 2320S	K	250	ND	300	H	3	
40	0	AMBONOVY	MDG	4644E 2115S	K	250	ND	300	H	3	
40	0	AMBODIMANARY	MDG	4800E 1514S	K	250	ND	300	H	3	
40	0	ANKAZOABO	MDG	4522E 1800S	K	250	ND	300	H	3	
40	0	ANTANAMBAO	MDG	4826E 1930S	K	250	ND	300	H	3	
40	0	FORT DAUPHIN	MDG	4658E 2500S	K	250	ND	600	H	3	
40	0	MANDROATRA	MDG	4445E 2000S	K	250	ND	300	H	3	
40	0	MAROKAVINA	MDG	4809E 2114S	K	250	ND	300	H	3	
40	0	MITSINJO	MDG	4552E 1600S	K	250	ND	300	H	3	
40	0	MORAFENO	MDG	4729E 1753S	K	250	ND	300	H	3	
40	0	MORONGA	MDG	4916E 1806S	K	100	ND	300	H	3	
40	0	TSARASATY	MDG	4657E 1934S	K	250	ND	300	H	3	
40	0	TSIMILOFO	MDG	4509E 2459S	K	250	ND	300	H	3	
40	0	TULEAR	MDG	4346E 2328S	K	100	ND	300	H	3	
40	8M	BOUREM	MLI	0021W 1657N	K	250	ND	300	H	3	
40	8M	DIALAKORO	MLI	0735W 1020N	K	250	ND	300	H	3	
40	8M	KENIEBA	MLI	1112W 1251N	K	250	ND	600	V	3	
40	8M	KOLOMINA	MLI	0801W 1429N	K	250	ND	300	H	3	
40	8P	KONA	MLI	0354W 1457N	K	250	ND	300	H	3	
40	8P	M	MLI	0505W 1840N	K	25	ND	300	V	3	
40	8P	SEFE	MLI	0950W 1408N	K	250	ND	300	H	3	

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40	0	SOKOLO	MLI	0608W 1445N	K	250	ND	300	H	2	
40	8M	TIOU TIOU	MLI	0423W 1256N	K	250	ND	300	H	3	
40	0	TOMBOUCTOU	MLI	0301W 1647N	K	250	ND	300	H	2	
40	8P	LOUREN MARQUES	MOZ	3236E 2550S	I	250	ND	150	V	3	
40	8M	MOSSURIL	MOZ	4042E 1451S	I	250	ND	300	H	5	
40	8P	TETE	MOZ	3335E 1610S	I	250	ND	300	H	3	
40	8P	BIROUMEL GREIM	MTN	1131W 2508N	K	250	ND	300	H	2	
40	8M	C	MTN	1313W 2105N	K	250	ND	300	H	4	
40	8M	TAMCHAKETT	MTN	1043W 1716N	K	250	ND	300	H	3	
40	0	ARAFOU IRISSA	NGR	1446E 2105N	K	250	ND	300	H	2	
40	0	DIOUNDIOU	NGR	0334E 1240N	K	250	ND	300	V	3	
40	0	E	NGR	0707E 2012N	K	250	ND	300	V	2	
40	0	GOURE	NGR	1019E 1401N	K	250	ND	300	H	3	
40	0	T	NGR	1045E 2240N	K	250	ND	300	H	2	
40	0	X	NGR	1440E 1620N	K	250	ND	300	H	3	
40	0	YOLA	NIG	1229E 0910N	I	250	ND	150	H	5	
40	8P	GATOOMA	RHS	2956E 1818S	G	500	ND	150	H	3	
40	8M	UMTALI	RHS	3237E 1857S	G	500	ND	150	H	3	
40	8M	AMADI OUVARE	SEN	1302W 1519N	K	50	ND	300	V	4	
40	8P	BOULEL	SEN	1540W 1524N	K	250	D	300	H	4	74/120/200/25
40	0	AM TIMAN	TCD	2017E 1103N	K	250	ND	300	H	3	
40	0	BEMANGARA	TCD	1553E 0859N	K	250	ND	300	H	5	
40	0	FT LAMY	TCD	1504E 1206N	K	250	ND	300	H	3	
40	8P	MAR	TCD	1512E 0855N	K	250	ND	300	V	5	
40	0	MOROGORO	TGK	3740E 0640S	I	500	ND	600	H	3	
40	0	BASSARI	TGO	0046E 0914N	K	250	ND	300	V	5	
40	0	LOME	TGO	0113E 0608N	K	250	ND	300	H	5	
40	0	MBALE	UGA	3410E 0105N	G	500	ND	600	H	3	
41	8P	GENESA	AFS	2404E 2630S	I	1000	ND	200	H	2	
41	0	KIMBERLEY	AFS	2457E 2905S	I	1000	ND	300	H	6	
41	8M	KLERKSDORP	AFS	2641E 2647S	I	10	ND	300	H	6	
41	8M	KOMATIPOORT	AFS	3147E 2513S	I	1000	ND	200	H	3	
41	8M	LADISMITH	AFS	2117E 3329S	I	10	ND	100	H	6	
41	0	MESSINA	AFS	3001E 2219S	I	10	ND	150	H	6	
41	8P	NABOOMSPRUIT	AFS	2834E 2436S	I	1000	ND	200	H	6	
41	0	S38	AFS	1908E 2035S	I	1000	ND	300	H	2	

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41	8P	S61	AFS	1730E 1805S	I	1000	ND	300	H	2	
41	0	VOLKSRUST	AFS	2950E 2712S	I	1000	ND	300	H	6	
41	8P	WINDHOEK	AFS	1710E 2240S	I	1000	ND	300	H	2	
41	0	SIDI IFNI	AOE	1011W 2932N	G	50	ND	300	H	4	
41	0	FRANCISTOWN	BCH	2730E 2120S	I	100	ND	300	H	2	
41	0	BAMBORO	CAF	1617E 0537N	K	250	ND	300	H	5	
41	0	BANIA	CAF	1607E 0400N	K	250	ND	300	H	5	
41	0	BATTINGA	CAF	2030E 0630N	K	250	ND	300	H	5	
41	0	FT DE POSSEL	CAF	1913E 0503N	K	250	ND	300	H	5	
41	8M	KEMBE	CAF	2156E 0428N	K	250	ND	300	H	5	
41	8M	OUONGO	CAF	1746E 0731N	K	250	ND	300	H	5	
41	0	BAFWASENDE	CGO	2713E 0107N	K	250	ND	300	H	5	
41	0	BAUDOUINVILLE	CGO	2952E 0714S	K	250	ND	300	H	3	
41	8P	BENI	CGO	2926E 0030N	K	250	ND	300	H	5	
41	0	BOKUNGU	CGO	2225E 0045S	K	250	ND	300	H	3	
41	8M	DUNGU	CGO	2833E 0337N	K	100	ND	300	H	5	
41	8M	INGENDE	CGO	1900E 0015S	K	250	ND	300	H	3	
41	8P	KABINDA	CGO	2426E 0608S	K	250	ND	300	H	3	
41	8P	KALEMBE LEMBE	CGO	2845E 0436S	K	250	ND	300	H	3	
41	0	KAMINA	CGO	2509E 0843S	K	250	ND	300	H	3	
41	0	KUTU	CGO	1808E 0243S	K	250	ND	300	H	3	
41	8P	LISALA	CGO	2130E 0209N	K	250	ND	300	H	5	
41	8M	LODJA	CGO	2331E 0332S	K	250	ND	300	H	3	
41	0	MBOLI	CGO	2317E 0401N	K	250	ND	300	V	5	
41	8P	MOKARIA	CGO	2319E 0159N	K	250	ND	300	V	5	
41	0	OMBWE	CGO	2532E 0424S	K	250	ND	300	H	3	
41	8M	SAIPANGA	CGO	2244E 0912S	K	250	ND	300	H	3	
41	8P	TITULE	CGO	2532E 0314N	K	250	ND	300	H	5	
41	0	TSHELA	CGO	1250E 0500S	K	250	ND	300	H	3	
41	0	BANDJOUKRI	CME	1350E 0800N	K	100	ND	300	H	5	
41	0	FOUMBAN	CME	1055E 0543N	K	250	ND	600	V	5	
41	0	MANDJOUK	CME	1301E 0615N	K	100	ND	300	H	5	
41	0	MAROUA	CME	1419E 1037N	K	250	ND	600	H	5	
41	0	MBANGA	CME	0933E 0432N	K	250	ND	300	V	5	
41	0	NANGA EBOKO	CME	1225E 0434N	K	250	ND	300	H	5	
41	0	YARIMBANG	CME	1455E 0701N	K	335	ND	300	V	5	

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41	8M	EKADOUMA	COG	1354E 0203N	K	250	ND	300	H	5	
41	0	EKOUGOUNOU	COG	1535E 0030S	K	250	ND	300	H	5	
41	0	MOHELI W	COM	4340E 1221S	K	1	ND	300	H	4	
41	0	BILIMONO	CTI	0410W 0855N	K	250	ND	300	H	5	
41	8P	BOROBA	CTI	0317W 0612N	K	25	ND	300	H	5	
41	8P	FRESCO	CTI	0534W 0505N	K	250	ND	300	H	5	
41	0	LABOA	CTI	0643W 0622N	K	250	ND	300	V	5	
41	0	MANKONO	CTI	0612W 0808N	K	250	ND	300	H	5	
41	0	YAKASSE	CTI	0324W 0657N	K	25	ND	300	H	5	
41	8M	MANTA	DAH	0107E 1021N	K	335	ND	300	H	3	
41	0	NIKKI	DAH	0313E 0956N	K	250	ND	300	H	5	
41	8P	POBE	DAH	0240E 0700N	K	250	ND	300	H	5	
41	0	ABU ZENIMA	EGY	3215E 2904N	H	500	ND	150	H	2	
41	0	NAG HAMADI	EGY	3216E 2602N	H	500	ND	150	H	2	
41	0	MAKALE	ETH	3928E 1331N	G	250	ND	150	H	6	
41	0	GNALE	GAB	1102E 0237S	K	250	ND	300	H	5	
41	0	MINTOUM	GAB	1215E 0029N	K	250	ND	300	H	5	
41	0	MVAM	GAB	0943E 0011S	K	250	ND	300	H	5	
41	0	V	GAB	1422E 0155S	K	250	ND	300	V	5	
41	8P	MONGOMO	GNE	1118E 0137N	G	50	ND	75	H	5	
41	0	BEYLA	GUI	0839W 0842N	K	250	ND	300	H	5	
41	8M	DONGDABI	GUI	1246W 1133N	K	250	ND	300	V	3	
41	0	DYANBWATOUNA	HVO	0013E 1227N	K	250	ND	300	H	3	
41	8P	MIA	HVO	0203W 1251N	K	250	ND	300	H	3	
41	8M	NIANGOLOKO	HVO	0455W 1017N	K	325	ND	300	H	3	
41	8M	WIRI	HVO	0333W 1040N	K	250	ND	300	H	3	
41	0	AMBOHIBE	MDG	4851E 1634S	K	250	ND	300	H	3	
41	0	AMBANDRANA	MDG	4735E 2023S	K	250	ND	600	H	3	
41	0	ANTANETIBE	MDG	4822E 1832S	K	250	ND	600	H	3	
41	0	BEFOTAKA	MDG	4657E 2351S	K	250	ND	600	H	3	
41	0	BEKABIJA	MDG	4711E 1631S	K	250	ND	300	H	3	
41	0	BESALAMPY	MDG	4429E 1645S	K	100	ND	300	H	3	
41	0	BETIOKY	MDG	4423E 2347S	K	250	ND	300	H	3	
41	0	DIEGO SUAREZ	MDG	4908E 1236S	K	25	ND	1200	H	3	
41	0	FENOARIVO	MDG	4635E 1827S	K	250	ND	300	H	3	
41	0	MAINTIRANO	MDG	4402E 1803S	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmiting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
41	0	MAKIROVANA	MDG	4947E 1411S	K	250	ND	600	H	3	
41	0	MAROMANDIA	MDG	4810E 1413S	K	25	ND	600	H	3	
41	0	MORONDAVA	MDG	4417E 2017S	K	250	ND	300	H	3	
41	0	TANGIDY	MDG	4721E 2206S	K	250	ND	600	H	3	
41	0	VALIKANJA	MDG	4600E 2011S	K	250	ND	600	H	3	
41	0	VOHITROMBY	MDG	4542E 2157S	K	250	ND	300	H	3	
41	8M	BOUDJEBEHA	MLI	0245W 1835N	K	250	ND	300	H	3	
41	0	DIALAFARA	MLI	1120W 1329N	K	250	ND	600	V	3	
41	0	DIRE	MLI	0324W 1615N	K	250	ND	300	H	3	
41	0	KENIERO	MLI	0832W 1223N	K	250	ND	300	H	3	
41	0	MARKABOUGOU	MLI	0621W 1355N	K	250	ND	300	H	3	
41	8P	MOPTI	MLI	0412W 1430N	K	250	ND	300	H	3	
41	0	NIORO	MLI	0936W 1513N	K	25	ND	300	V	2	
41	8M	NTIGA	MLI	0813W 1358N	K	250	ND	300	H	3	
41	8P	TEMERA	MLI	0056W 1700N	K	250	ND	300	H	3	
41	8P	SAUTE	MOZ	3255E 2218S	I	250	ND	75	H	3	
41	0	AIOUN ATROUS	MTN	0935W 1640N	K	250	D	300	H	3	74/110/180/10
41	8P	M	MTN	0543W 1815N	K	250	ND	300	H	2	
41	8P	MOUIT	MTN	1305W 1635N	K	125	D	300	H	4	74/160/270/10
41	0	AGADES	NGR	0759E 1658N	K	250	ND	300	H	3	
41	8M	AYOROU	NGR	0055E 1444N	K	250	ND	300	H	3	
41	0	BIRNI LALLE	NGR	0716E 1425N	K	250	ND	300	H	3	
41	8P	BOLSI	NGR	0113E 1318N	K	250	ND	300	V	3	
41	0	CHIRFA	NGR	1217E 2059N	K	250	ND	300	H	2	
41	8M	KARGUIRI	NGR	1025E 1356N	K	250	ND	300	H	3	
41	0	MAINE SOROA	NGR	1203E 1311N	K	250	ND	300	H	3	
41	8P	MARADI	NGR	0706E 1331N	K	250	ND	300	V	3	
41	0	MAYSEKA	NGR	0422E 1353N	K	250	ND	300	H	3	
41	0	ZOMBA	NYA	3520E 1520S	G	500	ND	600	H	3	
41	0	LE PORT	REU	5522E 2054S	K	10	ND	600	H	4	
41	0	MATAMVE	RHS	3020E 2157S	G	500	ND	150	H	3	
41	0	AKIRABO	RRW	2917E 0226S	K	100	ND	1200	H	5	
41	0	OUAD MEDANI	SDN	3230E 1424N	H	200	ND	300	H	3	14
41	0	PORT SOUDAN	SDN	3713E 1938N	H	200	ND	300	H	3	14
41	8M	NIORO DU RIP	SEN	1546W 1344N	K	250	ND	300	H	4	
41	0	Y	SEN	1315W 1436N	K	50	ND	300	H	4	

1	2	3	4	5	6	7	8	9	10	11A	11B
41	0	BUR ACABA	SOM	4405E 0250N	G	1	ND	50	H	2	
41	0	DAGARITA	SOM	4330E 1040N	G	100	ND	600	H	2	
41	8P	GALCAIO	SOM	4725E 0645N	G	5	ND	180	H	2	
41	0	BILTINE	TCD	2055E 1432N	K	250	ND	300	H	3	
41	8M	BIM	TCD	1547E 0816N	K	250	ND	300	H	5	
41	0	C	TCD	1618E 1807N	K	250	ND	300	H	3	
41	0	DJOUNA	TCD	2004E 1027N	K	250	ND	300	H	3	
41	0	GOZ BEIDA	TCD	2125E 1213N	K	250	ND	300	H	3	
41	0	MASSOKORY	TCD	1544E 1300N	K	250	ND	300	H	3	
41	0	MELFI	TCD	1754E 1104N	K	250	ND	600	H	3	
41	0	MONGO	TCD	1841E 1212N	K	250	ND	600	H	3	
41	0	NGAM	TCD	1610E 1012N	K	250	ND	300	V	3	
41	0	P	TCD	1545E 2135N	K	250	ND	300	H	2	
42	8M	C78	AFS	2018E 2735S	I	1000	ND	150	H	2	
42	8P	GRAHAMSTOWN	AFS	2642E 3317S	I	1000	ND	300	H	6	
42	8M	LADYSMITH	AFS	2947E 2832S	I	10	ND	100	H	3	
42	0	RHODES	AFS	2807E 3018S	I	1000	ND	500	H	6	
42	0	S27	AFS	1540E 2145S	I	1000	ND	300	H	2	
42	8M	TURFLOOP	AFS	2956E 2348S	I	1000	ND	500	H	6	
42	8P	VAN WYKSVLEI	AFS	2134E 3013S	I	1000	ND	300	H	2	
42	8P	WELKOM	AFS	2635E 2812S	I	1000	ND	300	H	6	
42	8P	S.ANT.ZAIRE	AGL	1217E 0606S	I	250	ND	150	H	3	
42	0	BRIA	CAF	2155E 0630N	K	250	ND	300	H	5	
42	0	M	CAF	2020E 0905N	K	250	ND	300	H	5	
42	0	NIEM	CAF	1510E 0612N	K	250	ND	300	H	5	
42	0	BOMILI	CGO	2708E 0145N	K	250	ND	300	V	5	
42	8P	BUNIA	CGO	3012E 0132N	K	250	ND	300	H	5	
42	0	GWANE	CGO	2554E 0442N	K	250	ND	300	H	5	
42	8M	JADOTVILLE	CGO	2644E 1059S	K	250	ND	300	H	3	
42	8P	KAKWATA	CGO	2333E 1045S	K	250	ND	300	H	3	
42	8M	LIBENGE	CGO	1837E 0338N	K	250	ND	300	V	5	
42	8M	MWEKA	CGO	2134E 0451S	K	250	ND	300	H	3	
42	8P	PONTHIERVILLE	CGO	2540E 0027S	K	250	ND	300	H	3	
42	8P	TSHOFA	CGO	2516E 0513S	K	250	ND	300	H	3	
42	8P	UVIRA	CGO	2906E 0322S	K	250	ND	300	H	3	
42	0	ASIPI	CME	1414E 0324N	K	250	ND	300	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
42	0	NDIPA	CME	1157E 0611N	K	250	ND	300	H	5	
42	0	BERAN DJOKO	COG	1654E 0322N	K	250	ND	300	H	5	
42	0	GAMBONA	COG	1552E 0157S	K	250	ND	300	H	5	
42	0	MONGANDIA	COG	1710E 0040N	K	250	ND	300	H	5	
42	8M	MOUNGOUDI	COG	1145E 0242S	K	250	ND	300	H	5	
42	8P	BASSILA	DAH	0144E 0904N	K	335	ND	300	H	5	
42	8M	KONKOBIRI	DAH	0139E 1115N	K	250	ND	300	H	3	
42	0	ASWAN	EGY	3257E 2404N	H	500	ND	150	H	2	
42	0	EL QUSIYA	EGY	3050E 2726N	H	500	ND	150	H	2	
42	0	SAFAGA	EGY	3400E 2642N	H	500	ND	150	H	2	
42	0	TANTA	EGY	3100E 3028N	H	500	ND	300	H	2	11
42	8P	CALLAFO	ETH	4413E 0536N	G	250	ND	150	V	2	
42	8P	GURAFARDA	ETH	3456E 0651N	G	250	ND	600	H	6	
42	0	MALIMBA 2	GAB	1320E 0100S	K	250	ND	300	H	5	
42	0	MITZIC	GAB	1135E 0047N	K	250	ND	300	H	5	
42	0	MDN GADAOUNDOU	GUI	1134W 1151N	K	250	ND	300	H	3	
42	0	TOTALA	GUI	0944W 0933N	K	250	ND	300	H	5	
42	8M	BOZO	HVO	0240W 1103N	K	250	ND	300	H	3	
42	0	KISUMU	KEN	3445E 0003S	I	1000	ND	150	H	3	
42	0	AMBATOATO	MDG	4747E 1926S	K	250	ND	300	H	3	
42	0	AMBAHIPIRANA	MDG	4838E 1727S	K	250	ND	600	H	3	
42	0	ANDRANOPASY	MDG	4345E 2117S	K	250	ND	300	H	3	
42	0	ANJABE	MDG	4921E 1507S	K	250	ND	600	H	3	
42	0	BELAVENONA	MDG	4630E 1714S	K	250	ND	300	H	3	
42	0	EJEDA	MDG	4431E 2420S	K	250	ND	300	H	3	
42	0	MANDROARIVO	MDG	4538E 2106S	K	250	ND	300	H	3	
42	0	MAROMIANDRY	MDG	4449E 2238S	K	250	ND	300	H	3	
42	0	PORT BERGE	MDG	4735E 1535S	K	250	ND	300	H	3	
42	0	TSIMBAMAMO	MDG	4622E 1922S	K	250	ND	600	H	3	
42	0	TSITENA	MDG	4710E 2127S	K	25	ND	300	H	3	
42	0	VOHITSIOMBE	MDG	4609E 2425S	K	250	ND	600	H	3	
42	0	AGUELHOC	MLI	0045E 1930N	K	250	ND	300	H	2	
42	8M	BADOUGOU	MLI	0808W 1104N	K	250	ND	300	V	3	
42	8M	BANKOUMANA	MLI	0546W 1250N	K	250	ND	300	H	3	
42	0	GALE	MLI	0930W 1235N	K	250	ND	300	V	3	
42	8P	J	MLI	0430W 1900N	K	250	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
42	8P	KERCHOUEL	MLI	0015E 1710N	K	250	ND	300	H	2	
42	8P	KERKE	MLI	0519W 1426N	K	250	ND	300	H	3	
42	0	LOURDHIA	MLI	0727W 1459N	K	250	ND	300	H	3	
42	0	MABROUK	MLI	0115W 1930N	K	250	ND	300	H	2	
42	0	NOSSOMBOUGOU	MLI	0756W 1306N	K	250	ND	300	H	3	
42	0	RASELMA	MLI	0428W 1636N	K	250	ND	300	H	2	
42	0	U	MLI	0145E 1520N	K	250	ND	300	H	3	
42	0	CANICADO	MOZ	3301E 2430S	I	250	ND	38	H	3	
42	8M	NAMPULA	MOZ	3923E 1507S	I	250	ND	600	H	3	
42	8P	NOVA FREIXO	MOZ	3632E 1459S	I	250	ND	75	H	3	
42	8P	R	MTN	1257W 2212N	K	250	ND	300	H	4	
42	8P	TALMEUST	MTN	1128W 1903N	K	250	ND	300	H	2	
42	0	D	NGR	0536E 1910N	K	250	ND	300	H	2	
42	0	Y	NGR	1335E 1525N	K	250	ND	300	H	3	
42	8M	CALABAR	NIG	0819E 0458N	I	250	ND	150	H	5	
42	8M	SOKOTO PTA	NIG	0410E 1300N	I	250	ND	150	H	3	
42	0	TROIS BASSINS	REU	5518E 2106S	K	3	ND	900	H	4	
42	8M	PETAUKE	RHN	3115E 1415S	G	500	ND	150	H	3	
42	8M	QUE QUE	RHS	2946E 1855S	G	10	ND	150	H	3	
42	8M	KOURMOUK	SDN	3416E 1036N	H	200	ND	300	H	3	14
42	0	SENGA	SDN	3355E 1311N	H	200	ND	300	H	3	14
42	0	SEVA AMBO	SDN	3510E 0505N	H	200	ND	300	H	3	14
42	8P	LINGUERE	SEN	1507W 1524N	K	250	ND	300	H	4	
42	0	ANSE BOILEAU	SEY	5529E 0443S	I	10	ND	600	H	4	
42	8M	EL BUR	SOM	4635E 0442N	G	10	ND	150	H	2	
42	8P	GELIB	SOM	4247E 0028N	G	1	ND	40	H	2	
42	8M	LUGH FERRANDI	SOM	4233E 0350N	G	5	ND	80	H	2	
42	0	MOYAMBA	SRL	1235W 0815N	G	100	ND	150	H	5	
42	0	BIG BEND	SWZ	3158E 2647S	I	50	ND	300	H	3	
42	0	MANDELIA	TCD	1515E 1144N	K	250	ND	300	H	3	
43	0	BELFAST	AFS	3003E 2525S	I	1000	ND	300	H	6	
43	8P	BITTERFONTEIN	AFS	1831E 3056S	I	1000	ND	300	H	1	
43	8M	C91	AFS	2212E 2636S	I	1000	ND	150	H	2	
43	8P	FRANKFORT	AFS	2808E 2729S	I	1000	ND	300	H	6	
43	0	GRAAF REINET	AFS	2431E 3217S	I	10	ND	100	H	6	
43	0	HOUMOED	AFS	1953E 2912S	I	1000	ND	300	H	2	

1 Numéro du canal assigné *Assigned channel number* Número del canal assignado	2 Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	3 Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	4 Symbole désignant le pays *Country symbol* Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	11A Zone climatique - *Climatic zone* Zona climática	11B Observations *Remarks* Observaciones
43	8P	KENTANI	AFS	2816E 3228S	I	1000	ND	300	H	6	
43	8M	KUBOOS	AFS	1703E 2826S	I	1000	ND	900	H	2	
43	8M	NONGOMO	AFS	3120E 2757S	I	1000	ND	750	H	3	
43	8P	S18	AFS	1530E 2310S	I	1000	ND	300	H	2	
43	8P	S31	AFS	1950E 2130S	I	1000	ND	300	H	2	
43	8M	S33	AFS	1358E 2030S	I	1000	ND	300	H	2	
43	8M	S54	AFS	1905E 1855S	I	1000	ND	300	H	2	
43	0	SCHWEIZERRENEK	AFS	2456E 2717S	I	1000	ND	300	H	6	
43	8M	SMITHFIELD	AFS	2629E 2959S	I	1000	ND	300	H	6	
43	8P	SWARTWATER	AFS	2815E 2215S	I	1000	ND	300	H	6	
43	0	VILLIERSDORP	AFS	1931E 3358S	I	1000	ND	1200	H	1	
43	8M	CUANGO	AGL	1633E 0614S	I	250	ND	150	H	3	
43	8P	MOCAMEDES	AGL	1214E 1522S	I	250	ND	300	H	3	
43	8P	MONTE VERDE	AGL	1641E 0836S	I	250	ND	150	H	3	
43	0	LOLODORF	CME	1044E 0314N	K	250	ND	300	H	5	
43	0	MAKOURI	CME	1251E 0532N	K	100	ND	300	H	5	
43	0	NGAOUNDERE	CME	1333E 0716N	K	250	ND	300	H	5	
43	0	BOKATA	COG	1710E 0027S	K	250	ND	300	H	5	
43	0	KAYES	COG	1140E 0420S	K	250	ND	300	H	5	
43	0	NGAO	COG	1548E 0230S	K	250	ND	300	H	5	
43	8P	PIC DE KANI	CTI	0709W 0924N	K	250	ND	300	H	5	
43	8P	ALAFIAROU	DAH	0224E 0901N	K	250	ND	300	H	5	
43	0	BULAQ	EGY	3032E 2513N	H	500	ND	150	H	2	
43	0	MAGHAGHA	EGY	3050E 2838N	H	500	ND	150	H	2	
43	0	MERSA ALAM	EGY	3455E 2503N	H	500	ND	150	H	2	
43	0	CONSO	ETH	3733E 0515N	G	250	ND	600	H	6	
43	8P	GIMMA	ETH	3654E 0742N	G	500	ND	300	H	6	
43	8M	TESSENEI	ETH	3641E 1507N	G	250	ND	600	H	6	
43	0	TORI	ETH	3335E 0754N	G	250	ND	150	H	2	
43	0	LAMBARENE	GAB	1013E 0012S	K	250	ND	300	H	5	
43	0	ZAKAMATOU	GAB	1335E 0109N	K	250	ND	300	H	5	
43	0	FOUMBADOUGOU	GUI	0825W 0811N	K	250	ND	300	H	5	
43	8P	VOINJAMA	LBR	0945W 0826N	H	250	ND	200	V	5	
43	0	AMBAHIMIRAVARA	MDG	4804E 1346S	K	250	ND	600	H	3	
43	8P	LOUREN MARQUES	MOZ	3238E 2550S	I	250	ND	150	V	3	
43	8M	MOSSURIL	MOZ	4042E 1451S	I	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
43	8P	TETE	MOZ	3335E 1610S	I	250	ND	300	H	3	
43	0	BIRNI NKONI	NGR	0512E 1348N	K	250	ND	300	H	3	
43	0	ETANG SALE	REU	5521E 2116S	K	3	ND	300	H	4	
43	0	ARTA	SMF	4250E 1131N	K	1000	ND	700	H	2	
43	0	FT ARCHAMBAULT	TCD	1824E 0909N	K	250	ND	300	H	5	
43	0	MOROGORO	TGK	3740E 0640S	I	500	ND	600	H	3	
43	0	MBALE	UGA	3410E 0105N	G	500	ND	600	H	3	
44	8P	C100	AFS	2335E 2550S	I	1000	ND	150	H	2	
44	8M	CATTLETON	AFS	3120E 2433S	I	1000	ND	200	V	3	
44	8M	KLERKSDORP	AFS	2641E 2647S	I	10	ND	300	H	6	
44	8M	LADISMITH	AFS	2117E 3329S	I	10	ND	100	H	6	
44	8M	NABOOMSPRUIT	AFS	2834E 2436S	I	1000	ND	200	H	6	
44	0	PT ST.JOHNS	AFS	2925E 3134S	I	1000	ND	350	H	6	
44	8P	S2	AFS	1842E 2805S	I	1000	ND	300	H	2	
44	8P	S42	AFS	1530E 1950S	I	1000	ND	300	H	2	
44	8P	S61	AFS	1730E 1805S	I	1000	ND	300	H	2	
44	0	VOLKSRUST	AFS	2950E 2712S	I	1000	ND	300	H	6	
44	8P	WINDHOEK	AFS	1710E 2240S	I	1000	ND	300	H	2	
44	0	LERIBE	BAS	2800E 2845S	I	100	ND	300	H	6	
44	0	FRANCISTOWN	BCH	2730E 2120S	I	100	ND	300	H	2	
44	0	DAMARA	CAF	1843E 0458N	K	250	ND	300	H	5	
44	0	TALA	CAF	2243E 0928N	K	250	ND	300	H	5	
44	8P	ANGO	CGO	2550E 0402N	K	250	ND	300	V	5	
44	0	INONGO	CGO	1816E 0156S	K	250	ND	300	H	3	
44	8M	KAPANGA KATANG	CGO	2245E 0825S	K	250	ND	300	H	3	
44	8M	KIKWIT	CGO	1845E 0505S	K	250	ND	300	V	3	
44	0	LUEBO	CGO	2122E 0520S	K	250	ND	300	H	3	
44	0	DABERE	CME	1207E 0637N	K	250	ND	300	H	5	
44	0	KUMBO	CME	1040E 0612N	K	250	ND	300	H	5	
44	0	LOMIE	CME	1338E 0310N	K	250	ND	300	H	5	
44	0	MORA	CME	1409E 1101N	K	250	ND	600	H	5	
44	0	NKOMEYO	CME	1158E 0405N	K	250	ND	300	H	5	
44	0	OMIE	CME	1424E 0749N	K	250	ND	600	H	5	
44	8M	SEMBE	COG	1434E 0139N	K	50	ND	300	H	5	
44	0	SIBITI	COG	1320E 0340S	K	250	ND	300	H	5	
44	0	BOUAKE	CTI	0503W 0741N	K	250	ND	300	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Simbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
44	0	NAGNEBAD	CTI	0659W 0457N	K	250	ND	300	H	5	
44	0	FARAFRA	EGY	2753E 2705N	H	500	ND	150	H	2	
44	0	RAS ABU DARAG	EGY	3230E 2924N	H	500	ND	150	H	2	
44	0	SOHAG	EGY	3143E 2627N	H	500	ND	150	H	2	
44	0	MAKALE	ETH	3928E 1331N	G	250	ND	150	H	6	
44	8P	NACFA	ETH	3825E 1636N	G	250	ND	150	H	2	
44	0	BOUBOUMBA	GAB	1030E 0311S	K	250	ND	300	H	5	
44	0	KOULAMOUTOU	GAB	1333E 0136S	K	250	ND	300	H	5	
44	0	LIBREVILLE	GAB	0928E 0025N	K	335	ND	300	H	5	
44	0	TOUMBI	GAB	1418E 0102N	K	50	ND	300	V	5	
44	8M	SAKPA	GHA	0220W 0856N	K	50	ND	100	H	5	
44	0	BOFFA	GUI	1402W 1011N	K	250	ND	300	H	4	
44	0	BONE	GUI	1130W 1132N	K	250	ND	300	H	3	
44	0	KORELA	GUI	0857W 0838N	K	250	ND	300	H	5	
44	0	TABADIAN	GUI	1105W 1111N	K	250	ND	300	H	3	
44	8M	DANDOUGOU	HVO	0407W 1028N	K	250	ND	600	H	3	
44	0	HARGADANGOU	HVO	0021E 1339N	K	250	ND	300	H	3	
44	0	KINKORO	HVO	0333W 1040N	K	250	ND	300	H	3	
44	8P	HARPER	LBR	0742W 0422N	H	500	ND	100	V	5	
44	8P	ALTO MOLOQUE	MOZ	3745E 1530S	I	250	ND	150	H	3	
44	8P	SAUTE	MOZ	3255E 2218S	I	250	ND	75	H	3	
44	0	F	NGR	0848E 2110N	K	250	ND	300	H	2	
44	0	GUIDIMOUNI	NGR	0931E 1342N	K	250	ND	300	H	3	
44	0	MADAOUA	NGR	0600E 1409N	K	250	ND	300	H	3	
44	0	BENIN	NIG	0537E 0619N	I	250	ND	150	H	5	
44	0	SAINT ANDRE	REU	5537E 2055S	K	50	ND	300	H	4	
44	8P	KAWAMBWA	RHN	2905E 0947S	G	500	ND	150	H	3	
44	8M	GABIRO	RRW	3023E 0132S	K	250	ND	300	H	3	
44	0	BUR ACABA	SOM	4405E 0250N	G	1	ND	50	H	2	
44	0	AB GOUKA	TCD	1854E 1259N	K	250	ND	300	H	3	
44	0	BOL	TCD	1443E 1328N	K	250	ND	300	V	3	
44	0	E	TCD	2037E 2021N	K	250	ND	300	H	2	
44	0	G	TCD	2326E 1941N	K	250	ND	300	H	2	
44	0	K	TCD	1600E 1900N	K	250	ND	300	H	2	
44	0	MOSGOUGOU	TCD	1603E 1044N	K	250	ND	300	V	3	
44	0	MOUSSORO	TCD	1630E 1339N	K	250	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
44	0	SINGAKO	TCD	1926E 0951N	K	250	ND	300	H	5	
44	0	SONGEA	TGK	3540E 1035S	I	500	ND	150	H	3	
45	0	BARKLY EAST	AFS	2733E 3101S	I	10	ND	100	H	6	
45	0	BEAUFORT WEST	AFS	2234E 3221S	I	10	ND	100	H	6	
45	8M	LADYSMITH	AFS	2947E 2832S	I	10	ND	100	H	3	
45	8M	PIETERSBURG	AFS	2930E 2354S	I	10	ND	150	H	6	
45	0	PRETORIA	AFS	2756E 2542S	I	1000	ND	300	H	6	
45	0	S68	AFS	2435E 1750S	I	1000	ND	300	H	2	
45	8P	VAN WYKSVLEI	AFS	2134E 3013S	I	1000	ND	300	H	2	
45	8P	S.ANT.ZAIRE	AGL	1217E 0606S	I	250	ND	150	H	3	
45	8M	SERPA PINTO	AGL	1748E 1437S	I	250	ND	150	H	3	
45	0	BAMINGUI	CAF	2009E 0731N	K	250	ND	300	H	5	
45	0	BARI	CAF	2303E 0509N	K	250	ND	300	H	5	
45	0	DOBANE	CAF	2438E 0628N	K	250	ND	300	H	5	
45	0	K	CAF	2130E 0920N	K	250	ND	300	H	5	
45	0	ABONGMBANG	CME	1312E 0402N	K	100	ND	300	H	5	
45	8M	BAFIA	CME	1200E 0446N	K	250	ND	300	H	5	
45	0	BOUNDOU	CME	1325E 0539N	K	250	ND	300	V	5	
45	0	LAMOUDAN	CME	1332E 0859N	K	250	ND	300	H	5	
45	0	MBELA	CME	0901E 0520N	K	335	ND	300	H	5	
45	0	D	COG	1525E 0155N	K	250	ND	300	H	5	
45	0	LOPI	COG	1640E 0255N	K	250	ND	300	H	5	
45	0	MOSSENDJO	COG	1242E 0257S	K	250	ND	300	H	5	
45	0	PANGALA	COG	1435E 0325S	K	250	ND	300	H	5	
45	0	GR COMORE S	COM	4318E 1150S	K	100	D	600	H	4	74/220/240/10
45	0	GR COMORE N	COM	4317E 1125S	K	1	ND	300	H	4	
45	0	BOUNA	CTI	0300W 0916N	K	250	ND	300	V	5	
45	8P	LAKOTA	CTI	0541W 0551N	K	250	ND	300	H	5	
45	0	NIABOCOGO	CTI	0642W 0937N	K	250	ND	600	H	5	
45	0	PINHOU	CTI	0721W 0638N	K	25	ND	300	H	5	
45	0	ZANZRA	CTI	0640W 0729N	K	250	ND	300	V	5	11
45	0	IDFU	EGY	3249E 2500N	H	500	ND	150	H	2	
45	0	SHARM ELSHEIKH	EGY	3415E 2752N	H	500	ND	150	H	2	
45	8M	TANTA	EGY	3100E 3028N	H	500	ND	300	H	2	11
45	0	MINVOUL	GAB	1205E 0206N	K	250	ND	300	H	5	
45	0	KABA	GUI	1141W 1010N	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 — Numéro du canal assigné / *Assigned channel number* / Número del canal assignado

2 — Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen

3 — Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora

4 — Symbole désignant le pays / *Country symbol* / Símbolo designativo del país

5 — Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora

6 — Système de télévision - *Television system* / Sistema de televisión

7 — Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)

8 — Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena

9 — Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)

10 — Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación

11A — Zone climatique - *Climatic zone* / Zona climática

11B — Observations / *Remarks* / Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
45	0	KEROUANE	GUI	0856W 0914N	K	250	ND	600	H	5	
45	8M	KODIERAN	GUI	0854W 1034N	K	250	ND	300	H	3	
45	8M	OUELIA	GUI	1231W 0951N	K	250	ND	300	H	5	
45	0	MANE	HVO	0120W 1259N	K	250	ND	300	H	3	
45	0	BRACK	LBY	1410E 2740N	G	100	ND	150	H	2	
45	0	PORT LOUIS	MAU	5730E 2010S	I	50	ND	300	H	4	
45	0	ANKASAKASA	MDG	4452E 1621S	K	250	D	300	H	3	74/340/350/10
45	0	ANTALAHA	MDG	5016E 1454S	K	250	ND	300	H	3	
45	0	BEMAVO	MDG	4523E 2137S	K	250	ND	300	H	3	
45	0	POSTEROMARTINA	MDG	4600E 1935S	K	250	ND	600	H	3	
45	0	TSITONDROINA	MDG	4710E 2151S	K	250	ND	600	H	3	
45	0	X	MDG	4545E 1700S	K	250	D	300	H	3	74/330/350/100
45	8M	NAMPULA	MOZ	3923E 1507S	I	250	D	600	H	3	74/45/60/25
45	8P	NOVA FREIXO	MOZ	3632E 1459S	I	250	ND	75	H	3	
45	0	C	NGR	0504E 1740N	K	250	ND	300	H	3	
45	0	GORBEY	NGR	0241E 1451N	K	250	ND	300	V	3	
45	0	LAMORDE TORODI	NGR	0148E 1307N	K	250	ND	300	H	3	
45	8P	MOUZIA	NGR	0526E 1421N	K	250	ND	300	H	3	
45	0	R	NGR	0745E 2040N	K	250	ND	300	H	2	
45	0	PETITE ILE	REU	5533E 2119S	K	3	ND	700	H	4	
45	0	BANGWEULU	RHN	3010E 1205S	G	500	ND	150	H	3	
45	8P	ALULA	SOM	5047E 1155N	G	1	ND	30	H	2	
45	8M	EL BUR	SOM	4635E 0442N	G	10	ND	150	H	2	
45	0	DAGELA	TCD	1828E 1039N	K	250	ND	600	H	3	
45	0	N	TCD	2350E 1655N	K	250	ND	300	H	3	
45	8P	MUSOMA	TGK	3355E 0135S	I	500	ND	150	H	3	
46	0	BITTERFONTEIN	AFS	1831E 3056S	I	1000	ND	300	H	1	
46	0	CEZA	AFS	3120E 2757S	I	1000	ND	300	H	3	
46	0	FRANKFORT	AFS	2808E 2729S	I	1000	ND	300	H	6	
46	8P	KUBOOS	AFS	1703E 2826S	I	1000	ND	900	H	2	
46	8M	NEW BETHESDA	AFS	2432E 3145S	I	1000	ND	300	H	6	
46	8P	NONGOMO	AFS	3120E 2757S	I	1000	ND	750	H	3	
46	8M	PAARL	AFS	1856E 3343S	I	10	ND	300	H	1	
46	8P	PUNDA MARIA	AFS	3110E 2245S	I	1000	ND	300	H	3	
46	8P	S31	AFS	1950E 2130S	I	1000	ND	300	H	2	
46	8M	S33	AFS	1358E 2030S	I	1000	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
46	8M	S36	AFS	1705E 2040S	I	1000	ND	300	H	2	
46	8P	S59	AFS	1530E 1803S	I	1000	ND	300	H	2	
46	8M	SCHWEIZERRENEK	AFS	2456E 2717S	I	1000	ND	300	H	6	
46	8P	MOCAMEDES	AGL	1214E 1522S	I	250	ND	300	H	3	
46	8P	MONTE VERDE	AGL	1641E 0836S	I	250	ND	150	H	3	
46	0	M.ESCAIQUIMA	AOE	0914W 2317N	G	50	ND	75	H	2	
46	0	ATONGO	CAF	2130E 0549N	K	250	ND	300	H	5	
46	0	B	CAF	2330E 0810N	K	250	ND	300	H	5	
46	0	BABOUA	CAF	1453E 0550N	K	250	ND	300	H	5	
46	0	E	CAF	2555E 0645N	K	250	ND	300	H	5	
46	0	MOME	CAF	2430E 0504N	K	250	ND	300	H	5	
46	0	PAOUA	CAF	1626E 0715N	K	250	ND	300	H	5	
46	0	SALO	CAF	1608E 0310N	K	250	ND	300	H	5	
46	8M	BANALIA	CGO	2523E 0134N	K	250	ND	300	H	5	
46	8M	BOLOBO	CGO	1615E 0228S	K	25	ND	300	V	3	
46	0	BUDJALA	CGO	1945E 0237N	K	250	ND	300	H	5	
46	0	DILOLO	CGO	2227E 1028S	K	250	ND	300	H	3	
46	0	DIMBELENGE	CGO	2305E 0532S	K	250	ND	300	H	3	
46	8M	ELISABETHVILLE	CGO	2728E 1139S	K	250	ND	300	H	3	
46	8M	GOMA	CGO	2914E 0141S	K	250	ND	300	V	3	
46	0	ITULA	CGO	2750E 0330S	K	250	ND	300	H	3	
46	0	KAHEMBA	CGO	1900E 0730S	K	250	ND	300	H	3	
46	8P	LOTO	CGO	2230E 0248S	K	250	ND	300	H	3	
46	8P	LUBUTU	CGO	2634E 0044S	K	250	ND	300	H	3	
46	8P	LULONGA	CGO	1825E 0032S	K	250	ND	300	H	5	
46	0	AMBAM	CME	1118E 0226N	K	335	D	300	V	5	74/130/190/25
46	0	BUEA	CME	0914E 0409N	K	335	ND	600	H	5	
46	0	DJASI	CME	1234E 0503N	K	100	ND	300	H	5	
46	0	DJOUM	CME	1241E 0238N	K	250	ND	300	H	5	
46	0	ESEKA	CME	1447E 0339N	K	250	ND	300	H	5	
46	8M	GUIDER	CME	1355E 0950N	K	335	ND	300	H	5	
46	0	HAWAL	CME	1247E 0745N	K	250	ND	600	V	5	
46	0	BOEMBE	COG	1545E 0258S	K	25	ND	300	H	5	
46	0	GAGNIA	COG	1603E 0128S	K	250	ND	300	H	5	
46	0	KONKOUATI	COG	1110E 0400S	K	250	ND	300	H	5	
46	8M	MATOKO	COG	1710E 0059S	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
46	0	MINDOULI	COG	1420E 0417S	K	250	ND	300	H	5	
46	0	PIKOUNDA	COG	1640E 0035N	K	250	ND	300	H	5	
46	0	ZALANGOYE	COG	1412E 0127N	K	250	ND	300	V	5	
46	0	AGBOVILLE	CTI	0413W 0556N	K	250	ND	300	H	5	
46	0	IRAGUE	CTI	0635W 0515N	K	250	ND	300	H	5	
46	0	KENINGOUAFA	CTI	0745W 0954N	K	250	ND	300	H	5	
46	0	KIENDIARA	CTI	0253W 0810N	K	250	ND	300	H	5	
46	0	METELO	CTI	0809W 0653N	K	250	ND	300	V	5	
46	0	MT NIANGBO	CTI	0511W 0849N	K	250	ND	600	H	5	
46	0	BUSH	EGY	3107E 2909N	H	500	ND	150	H	2	
46	8M	AGIBAR	ETH	3837E 1036N	G	250	ND	150	H	6	
46	0	BEDELLE	ETH	3621E 0827N	G	250	ND	300	H	6	
46	8P	GUBBA	ETH	3524E 1115N	G	250	ND	600	H	6	
46	8M	MASSAWA	ETH	3928E 1536N	G	250	ND	150	H	2	
46	0	WARDARE	ETH	4523E 0659N	G	250	ND	150	H	2	
46	8M	OYEM	GAB	1136E 0140N	K	250	ND	300	H	5	
46	0	PINGO	GAB	1052E 0116S	K	250	ND	300	H	5	
46	0	PONGAPONGA	GAB	1256E 0139S	K	250	ND	300	H	5	
46	0	PT GENTIL	GAB	0842E 0042S	K	335	ND	300	H	5	
46	0	SETTE CAMA	GAB	0945E 0231S	K	335	ND	300	H	5	
46	0	CONAKRY	GUI	1327W 0946N	K	250	ND	1200	H	4	
46	8P	DABOLA	GUI	1109W 1046N	K	250	ND	600	H	3	
46	0	LABE	GUI	1214W 1118N	K	250	ND	600	H	3	
46	0	MALANGARE	GUI	1356W 1121N	K	250	ND	300	H	3	
46	0	MILLIMOU	GUI	1010W 0853N	K	250	ND	300	H	5	
46	8P	DORI	HVO	0002W 1402N	K	250	ND	300	H	3	
46	8M	KANKANDI	HVO	0046E 1239N	K	250	ND	300	H	3	
46	0	KIKIRI	HVO	0107W 1204N	K	250	ND	300	H	3	
46	0	SANABA	HVO	0353W 1224N	K	250	ND	600	H	3	
46	8P	SANGYE	HVO	0233W 1220N	K	250	ND	300	H	3	
46	0	AMBATOMASO	MDG	4546E 2320S	K	250	ND	300	H	3	
46	0	AMBODIMANARY	MDG	4800E 1514S	K	250	ND	300	H	3	
46	0	AMBONOVY	MDG	4644E 2115S	K	250	ND	300	H	3	
46	0	ANKAZOABO	MDG	4522E 1800S	K	250	ND	300	H	3	
46	0	ANTANAMBAO	MDG	4626E 1930S	K	250	ND	300	H	3	
46	0	FORT DAUPHIN	MDG	4658E 2500S	K	250	ND	600	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
46	0	MANDROATRA	MDG	4445E 2000S	K	250	ND	300	H	3	
46	0	MAROKAVINA	MDG	4809E 2114S	K	250	ND	300	H	3	
46	0	MITSINJO	MDG	4552E 1600S	K	250	ND	300	H	3	
46	0	MORAFENO	MDG	4729E 1753S	K	250	ND	300	H	3	
46	0	MORONGA	MDG	4916E 1806S	K	100	ND	300	H	3	
46	0	TSARASATY	MDG	4657E 1934S	K	250	ND	300	H	3	
46	0	TSIMILOFO	MDG	4509E 2459S	K	250	ND	300	H	3	
46	0	TULEAR	MDG	4346E 2328S	K	100	ND	300	H	3	
46	0	ESPUNGABERA	MOZ	3236E 2022S	I	250	ND	75	H	3	
46	8M	FUNHALOURO	MOZ	3427E 2307S	I	250	ND	75	H	3	
46	8M	MUEDA	MOZ	3933E 1140S	I	250	ND	300	H	3	
46	8M	VILA CABRAL	MOZ	3514E 1318S	I	250	ND	300	H	3	
46	0	ZUMBO	MOZ	3014E 1521S	I	250	ND	75	H	3	
46	0	ARAFOU IRISSA	NGR	1446E 2105N	K	250	ND	300	H	2	
46	0	KANTCHE	NGR	0831E 1334N	K	250	ND	300	V	3	
46	0	M	NGR	1450E 1700N	K	250	ND	300	H	3	
46	0	SIDAOUET	NGR	0804E 1831N	K	250	ND	300	H	2	
46	0	LAGOS	NIG	0327E 0627N	I	250	ND	150	H	5	
46	8P	SILUANA	RHN	2302E 1650S	G	500	ND	150	H	3	
46	0	KIBUNGU	RRW	3032E 0210S	K	250	ND	300	H	3	
46	8M	BARDERA	SOM	4220E 0221N	G	5	ND	180	H	2	
46	8M	ODDUR	SOM	4455E 0407N	G	10	ND	80	H	2	
46	0	A	TCD	1504E 1327N	K	250	ND	300	H	3	
46	0	GOUNDI	TCD	1822E 0922N	K	250	ND	300	H	5	
46	0	HARAZE	TCD	2054E 0957N	K	250	ND	300	H	5	
46	0	KOUKOU	TCD	2239E 1121N	K	250	ND	300	H	3	
46	0	MANGALME	TCD	1935E 1223N	K	250	ND	600	H	3	
46	0	MOYTO	TCD	1634E 1235N	K	250	ND	300	H	3	
46	0	O	TCD	2250E 1525N	K	250	ND	300	H	3	
46	8P	SOROTI	UGA	3335E 0150N	G	500	ND	150	H	3	
47	0	HISHWAH	ADN	4457E 1250N	I	10	ND	150	H	4	13
47	0	BETHAL	AFS	2937E 2627S	I	1000	ND	300	H	6	
47	8P	C100	AFS	2335E 2550S	I	1000	ND	150	H	2	
47	8M	CATTLETON	AFS	3120E 2433S	I	1000	ND	200	V	3	
47	8M	COLIGNY	AFS	2610E 2623S	I	1000	ND	300	H	6	
47	8P	GOLELA	AFS	3202E 2616S	I	1000	ND	300	H	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
47	0	JAGGERSPLAAT	AFS	1934E	3002S	I	1000	ND	300	H	2	
47	0	PT ST.JOHNS	AFS	2925E	3134S	I	1000	ND	350	H	6	
47	8P	S2	AFS	1842E	2805S	I	1000	ND	300	H	2	
47	8P	S42	AFS	1530E	1950S	I	1000	ND	300	H	2	
47	0	LERIBE	BAS	2800E	2845S	I	100	ND	300	H	6	
47	0	BAKIA	CAF	2551E	0517N	K	250	ND	300	V	5	
47	0	BAMBORO	CAF	1617E	0537N	K	250	ND	300	H	5	
47	0	BANIA	CAF	1607E	0400N	K	250	ND	300	V	5	
47	0	BATTINGA	CAF	2030E	0630N	K	250	ND	300	H	5	
47	0	FT DE POSSEL	CAF	1913E	0503N	K	250	ND	300	H	5	
47	8M	KEMBE	CAF	2156E	0428N	K	250	ND	300	H	5	
47	0	OUONGO	CAF	1746E	0731N	K	250	ND	300	H	5	
47	0	YALINGA	CAF	2309E	0631N	K	250	ND	300	H	5	
47	0	BAFWASENDE	CGO	2713E	0107N	K	250	ND	300	H	5	
47	0	BAUDOUINVILLE	CGO	2952E	0714S	K	250	ND	300	H	3	
47	8P	BENI	CGO	2928E	0030N	K	250	ND	300	H	5	
47	0	BOKUNGU	CGO	2225E	0045S	K	250	ND	300	H	3	
47	8M	DUNGU	CGO	2833E	0337N	K	100	ND	300	H	5	
47	8M	INGENDE	CGO	1900E	0015S	K	250	ND	300	H	3	
47	8P	KABINDA	CGO	2426E	0608S	K	250	ND	300	H	3	
47	8P	KALEMBE LEMBE	CGO	2845E	0436S	K	250	ND	300	H	3	
47	0	KAMINA	CGO	2509E	0843S	K	250	ND	300	H	3	
47	0	KUTU	CGO	1808E	0243S	K	250	ND	300	H	3	
47	8P	LISALA	CGO	2130E	0209N	K	250	ND	300	H	5	
47	0	MBOLI	CGO	2317E	0401N	K	250	ND	300	V	5	
47	8M	LODJA	CGO	2331E	0332S	K	250	ND	300	H	3	
47	8P	MOKARIA	CGO	2319E	0159N	K	250	ND	300	V	5	
47	0	OMBWE	CGO	2532E	0424S	K	250	ND	300	H	3	
47	8M	SAIPANGA	CGO	2244E	0912S	K	250	ND	300	H	3	
47	8P	TITULE	CGO	2532E	0314N	K	250	ND	300	H	5	
47	0	TSHELA	CGO	1250E	0500S	K	250	ND	300	H	3	
47	0	BAMENDA	CME	1009E	0556N	K	335	ND	300	H	5	
47	0	BANDJOUKRI	CME	1350E	0800N	K	100	ND	300	H	5	
47	0	MANDJOUK	CME	1301E	0615N	K	100	ND	300	H	5	
47	0	MAROUA	CME	1419E	1037N	K	250	ND	600	H	5	
47	0	MBANG	CME	1416E	0358N	K	250	ND	300	H	5	

1	2	3	4	5		6	7	8	9	10	11A	11B
47	0	MBANGA	CME	0933E	0432N	K	250	ND	300	V	5	
47	0	NANGA EBOKO	CME	1225E	0434N	K	250	ND	300	H	5	
47	0	DJAMBALA	COG	1448E	0234S	K	250	ND	600	H	5	
47	8M	EKADOUMA	COG	1354E	0203N	K	250	ND	300	H	5	
47	0	EKOUGOUNOU	COG	1535E	0030S	K	250	ND	300	H	5	
47	0	MASA	COG	1528E	0345S	K	250	ND	300	H	5	
47	8M	NTIMA	COG	1208E	0343S	K	250	ND	300	H	5	
47	0	OUESSO	COG	1602E	0140N	K	250	ND	300	H	5	
47	0	BILIMONO	CTI	0410W	0855N	K	250	ND	300	H	5	
47	8P	BOROBA	CTI	0317W	0612N	K	25	ND	300	H	5	
47	0	LABOA	CTI	0643W	0622N	K	250	ND	300	H	5	
47	8P	MAMOUYA	CTI	0732W	0853N	K	250	ND	300	H	5	
47	0	MANKONO	CTI	0612W	0808N	K	250	ND	300	H	5	
47	0	YAKASSE	CTI	0324W	0657N	K	25	ND	300	H	5	
47	8P	MANTA	DAH	0107E	1021N	K	335	ND	300	H	3	
47	0	NIKKI	DAH	0313E	0956N	K	250	ND	300	H	5	
47	8P	POBE	DAH	0240E	0700N	K	250	ND	300	H	5	
47	0	TEMA	EGY	3126E	2654N	H	500	ND	150	H	2	
47	0	ADIGRAT	ETH	3929E	1416N	G	250	ND	150	H	6	
47	0	EL CARRE	ETH	4210E	0550N	G	250	ND	150	H	6	
47	8P	ISMALAGHIORGIS	ETH	3635E	1136N	G	250	ND	600	H	6	
47	8M	MENDI	ETH	3505E	0947N	G	250	ND	600	H	6	
47	8P	MUSTAHIL	ETH	4437E	0517N	G	250	ND	150	V	2	
47	8P	NACFA	ETH	3825E	1636N	G	250	ND	150	H	2	
47	0	GNALE	GAB	1102E	0237S	K	250	ND	300	H	5	
47	0	MINTOUM	GAB	1215E	0029N	K	250	ND	300	H	5	
47	0	MVAM	GAB	0943E	0011S	K	250	ND	300	H	5	
47	8P	BOLGATANGA	GHA	0050W	1040N	K	50	ND	150	H	5	
47	8M	SAKPA	GHA	0220W	0856N	K	50	ND	100	H	5	
47	0	BAFELE KORO	GUI	0923W	1102N	K	250	D	300	H	3	75/31/25
47	0	BEYLA	GUI	0839W	0842N	K	250	ND	300	V	5	
47	8M	DONGDABI	GUI	1246W	1133N	K	250	ND	300	H	3	
47	8M	DOUAKO	GUI	1011W	0944N	K	250	ND	300	H	5	
47	0	DYANBWATOUNA	HVO	0013E	1227N	K	250	ND	300	H	3	
47	8P	MIA	HVO	0203W	1251N	K	250	ND	300	H	3	
47	8M	NIANGOLOKO	HVO	0455W	1017N	K	325	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
47	8M	WIRI	HVO	0333W	1040N	K	250	ND	300	H	3	
47	0	NAIROBI	KEN	3650E	0115S	I	1000	ND	1200	H	3	
47	0	AMBOHIBE	MDG	4851E	1634S	K	250	ND	300	H	3	
47	0	AMBANDRANA	MDG	4735E	2023S	K	250	ND	600	H	3	
47	0	ANTANETIBE	MDG	4822E	1832S	K	250	ND	600	H	3	
47	0	BEFOTAKA	MDG	4657E	2351S	K	250	ND	600	H	3	
47	0	BEKABIJA	MDG	4711E	1631S	K	250	ND	300	H	3	
47	0	BESALAMPY	MDG	4429E	1645S	K	100	ND	300	H	3	
47	0	BETIOKY	MDG	4423E	2347S	K	250	ND	300	H	3	
47	0	DIEGO SUAREZ	MDG	4908E	1236S	K	25	ND	1200	H	3	
47	0	FENOARIVO	MDG	4635E	1827S	K	250	ND	300	H	3	
47	0	MAINTIRANO	MDG	4402E	1803S	K	250	ND	300	H	3	
47	0	MAKIROVANA	MDG	4947E	1411S	K	250	ND	600	H	3	
47	0	MAROMANDIA	MDG	4810E	1413S	K	25	ND	600	H	3	
47	0	MORONDAVA	MDG	4417E	2017S	K	250	ND	300	H	3	
47	0	TANGIDY	MDG	4721E	2206S	K	250	ND	600	H	3	
47	0	VALIKANJA	MDG	4600E	2011S	K	250	ND	600	H	3	
47	0	VOHITROMBY	MDG	4542E	2157S	K	250	ND	300	H	3	
47	8M	BOUDJEBEHA	MLI	0245W	1835N	K	250	ND	300	H	3	
47	0	DIALAFARA	MLI	1120W	1329N	K	250	ND	600	V	3	
47	0	DIRE	MLI	0324W	1615N	K	250	ND	300	H	3	
47	0	KENIERO	MLI	0832W	1223N	K	25	ND	300	V	3	
47	0	MARKABOUGOU	MLI	0621W	1355N	K	250	ND	300	H	3	
47	8P	MOPTI	MLI	0412W	1430N	K	250	ND	300	H	3	
47	0	NIORO	MLI	0936W	1513N	K	25	ND	300	V	2	
47	8M	NTIGA	MLI	0813W	1358N	K	250	ND	300	H	3	
47	8P	TEMERA	MLI	0056W	1700N	K	250	ND	300	H	3	
47	8P	ALTO MOLOQUE	MOZ	3745E	1530S	I	250	ND	150	H	3	
47	0	AIOUN ATROUS	MTN	0935W	1640N	K	250	ND	300	H	3	
47	8P	M	MTN	0543W	1815N	K	250	ND	300	H	2	
47	8P	MOUIT	MTN	1305W	1635N	K	250	D	300	H	4	74/160/270/25
47	0	AGADES	NGR	0759E	1658N	K	250	ND	300	H	3	
47	8M	AYOROU	NGR	0055E	1444N	K	250	ND	300	H	3	
47	0	BIRNI LALLE	NGR	0716E	1425N	K	50	ND	300	H	3	
47	8P	BOLSI	NGR	0113E	1318N	K	250	ND	300	V	3	
47	0	CHIRFA	NGR	1217E	2059N	K	250	ND	300	H	2	

1	2	3	4	5		6	7	8	9	10	11A	11B
47	8M	KARGUIRI	NGR	1025E	1356N	K	250	ND	300	H	3	
47	0	MAINE SORODA	NGR	1203E	1311N	K	250	ND	300	H	3	
47	8P	MARADI	NGR	0706E	1331N	K	250	ND	300	V	3	
47	0	MAYSEKA	NGR	0422E	1353N	K	250	ND	300	H	3	
47	0	ENUGU	NIG	0729E	0620N	I	250	ND	150	H	5	
47	0	ZARIA	NIG	0740E	1100N	I	250	ND	150	H	3	
47	0	ZOMBA	NYA	3520E	1520S	G	500	ND	600	H	3	
47	0	LE PORT	REU	5522E	2054S	K	10	ND	600	H	4	
47	8P	LUNDAZI	RHN	3310E	1215S	G	500	ND	150	H	3	
47	0	AKIRABO	RRW	2917E	0226S	K	100	ND	1200	H	5	
47	0	OUAD MEDANI	SDN	3230E	1424N	H	200	ND	300	H	3	14
47	0	NIORO DU RIP	SEN	1546W	1344N	K	25	ND	300	V	4	
47	0	Y	SEN	1315W	1436N	K	50	ND	300	H	4	
47	8M	GARDO	SOM	4905E	0930N	G	2	ND	70	H	2	
47	8M	OBBIA	SOM	4830E	0520N	G	5	ND	70	H	2	
47	0	BILTINE	TCD	2055E	1432N	K	250	ND	300	H	3	
47	0	BIM	TCD	1547E	0816N	K	250	ND	300	H	5	
47	0	C	TCD	1618E	1807N	K	250	ND	300	H	3	
47	0	DJOUNA	TCD	2004E	1027N	K	250	ND	300	H	3	
47	0	FADA	TCD	2130E	1712N	K	250	ND	300	H	3	
47	0	GOZ BEIDA	TCD	2125E	1213N	K	250	ND	300	H	3	
47	0	LARGEAU	TCD	1908E	1757N	K	250	ND	300	H	3	
47	0	MAO	TCD	1519E	1407N	K	250	ND	300	H	3	
47	0	MASSOKORY	TCD	1544E	1300N	K	250	ND	300	H	3	
47	0	MELFI	TCD	1754E	1104N	K	250	ND	600	H	3	
47	0	MONGO	TCD	1841E	1212N	K	250	ND	600	H	3	
47	0	NGAM	TCD	1610E	1012N	K	250	ND	300	V	3	
47	0	P	TCD	1545E	2135N	K	250	ND	300	H	2	
47	0	SONGEA	TGK	3540E	1035S	I	500	ND	150	H	3	
47	0	JINJA	UGA	3310E	0020N	G	500	ND	150	H	3	
48	8M	BEAUFORT WEST	AFS	2234E	3221S	I	10	ND	100	H	6	
48	8P	HARRISMITH	AFS	2910E	2815S	I	10	ND	300	H	6	
48	0	LOTHAIR	AFS	3037E	2612S	I	1000	ND	300	H	6	
48	8M	PRETORIA	AFS	2758E	2542S	I	1000	ND	300	H	6	
48	8P	S8	AFS	1720E	2630S	I	1000	ND	300	H	2	
48	0	S68	AFS	2435E	1750S	I	1000	ND	300	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz

PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s

PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
48	8P	CACONDA	AGL	1504E 1344S	I	250	ND	150	H	3	
48	8P	NOVO REDONDO	AGL	1350E 1112S	I	250	ND	75	H	3	
48	8M	SERPA PINTO	AGL	1748E 1437S	I	250	ND	150	H	3	
48	0	BRIA	CAF	2155E 0630N	K	250	ND	300	H	5	
48	0	GADZI	CAF	1642E 0447N	K	250	ND	300	H	5	
48	0	M	CAF	2020E 0905N	K	250	ND	300	H	5	
48	0	N	CAF	1915E 0850N	K	250	ND	300	H	5	
48	0	BOMILI	CGO	2708E 0145N	K	250	ND	300	V	5	
48	8P	BUNIA	CGO	3012E 0132N	K	250	ND	300	H	5	
48	0	GWANE	CGO	2554E 0442N	K	250	ND	300	H	5	
48	8M	JADOTVILLE	CGO	2644E 1059S	K	250	ND	300	H	3	
48	0	KAKWATA	CGO	2333E 1045S	K	250	ND	300	H	3	
48	8M	LIBENGE	CGO	1837E 0338N	K	250	ND	300	H	5	
48	8M	MWEKA	CGO	2134E 0451S	K	250	ND	300	H	3	
48	8P	PONTHIERVILLE	CGO	2540E 0027S	K	250	ND	300	H	3	
48	8P	TSHOFA	CGO	2516E 0513S	K	250	ND	300	H	3	
48	8P	UVIRA	CGO	2906E 0322S	K	250	ND	300	H	3	
48	0	ASIPI	CME	1414E 0324N	K	250	ND	300	H	5	
48	0	MEIGANGA	CME	1416E 0633N	K	335	ND	300	H	5	
48	0	NDIPA	CME	1157E 0611N	K	250	ND	300	H	5	
48	0	ETOUMBI	COG	1458E 0001S	K	250	ND	300	H	5	
48	0	GAMBONA	COG	1552E 0157S	K	250	ND	300	H	5	
48	0	MONGANDIA	COG	1710E 0040N	K	250	ND	300	H	5	
48	0	MOUNGOUDI	COG	1145E 0242S	K	250	ND	300	V	5	
48	0	ZANAGA	COG	1350E 0252S	K	250	ND	300	H	5	
48	0	KOFFIKRO	CTI	0323W 0524N	K	250	ND	300	V	5	
48	8P	BASSILA	DAH	0144E 0904N	K	335	ND	300	H	5	
48	8M	KONKOBIRI	DAH	0139E 1115N	K	250	ND	300	H	3	
48	0	BAWITI	EGY	2850E 2822N	H	500	ND	150	H	2	
48	0	ISNA	EGY	3230E 2517N	H	500	ND	150	H	2	
48	0	TOR	EGY	3339E 2814N	H	500	ND	150	H	2	
48	8P	AGORDAT	ETH	3753E 1533N	G	250	ND	300	H	6	
48	8P	DEBRE BERHAN	ETH	3932E 0939N	G	250	ND	300	H	6	
48	8M	JIGGIGA	ETH	4247E 0920N	G	250	ND	300	H	2	
48	0	BITAM	GAB	1129E 0204N	K	250	ND	300	H	5	
48	0	MALIMBA 2	GAB	1320E 0100S	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
48	0	MITZIC	GAB	1135E 0047N	K	250	ND	300	H	5	
48	8P	KOUNDIAN	GUI	0854W 1055N	K	250	D	300	H	3	75/74/25
48	0	MACENTA	GUI	0929W 0835N	K	250	ND	600	H	5	
48	0	MDN GADAOUNDOU	GUI	1134W 1151N	K	250	ND	300	H	3	
48	0	TOTALA	GUI	0944W 0933N	K	250	ND	300	H	5	
48	8M	BITOU	HVO	0047W 1113N	K	335	ND	300	V	3	
48	8M	BOZO	HVO	0240W 1103N	K	250	ND	300	H	3	
48	8P	KADIEL	HVO	0129W 1359N	K	250	ND	300	H	3	
48	0	PORT LOUIS	MAU	5730E 2010S	I	50	ND	300	H	4	
48	0	AMBAHIPIRANA	MDG	4838E 1727S	K	250	ND	600	H	3	
48	0	AMBATOATO	MDG	4747E 1926S	K	250	ND	300	H	3	
48	0	ANDRANOPASY	MDG	4345E 2117S	K	250	ND	300	H	3	
48	0	ANJABE	MDG	4921E 1507S	K	250	ND	600	H	3	
48	0	BELAVENONA	MDG	4630E 1714S	K	250	ND	300	H	3	
48	0	EJEDA	MDG	4431E 2420S	K	250	ND	300	H	3	
48	0	MANDROARIVO	MDG	4538E 2106S	K	250	ND	300	H	3	
48	0	MAROMIANDRY	MDG	4449E 2238S	K	250	ND	300	H	3	
48	0	PORT BERGE	MDG	4735E 1535S	K	250	ND	300	H	3	
48	0	TSIMBAMAMO	MDG	4622E 1922S	K	250	ND	600	H	3	
48	0	TSITENA	MDG	4710E 2127S	K	25	ND	300	H	3	
48	0	VOHITSIOMBE	MDG	4609E 2425S	K	250	ND	600	H	3	
48	0	AGUELHOC	MLI	0045E 1930N	K	250	ND	300	H	2	
48	8M	BADOUGOU	MLI	0808W 1104N	K	25	ND	300	V	3	
48	8M	BANKOUMANA	MLI	0546W 1250N	K	250	ND	300	H	3	
48	0	GALE	MLI	0930W 1235N	K	250	ND	300	V	3	
48	8P	J	MLI	0430W 1900N	K	250	ND	300	H	2	
48	8P	KERKE	MLI	0519W 1426N	K	250	ND	300	H	3	
48	8P	KERCHOUEL	MLI	0015E 1710N	K	250	ND	300	H	2	
48	0	MABROUK	MLI	0115W 1930N	K	250	ND	300	H	2	
48	0	MOURDHIA	MLI	0727W 1459N	K	250	ND	300	H	3	
48	0	NOSSOMBOUGO	MLI	0756W 1306N	K	250	ND	300	V	3	
48	0	RASELMA	MLI	0428W 1636N	K	250	ND	300	H	2	
48	0	U	MLI	0145E 1520N	K	250	ND	300	H	3	
48	8M	MANICA	MOZ	3552E 1856S	I	250	ND	38	H	3	
48	8P	R	MTN	1257W 2212N	K	250	ND	300	H	4	
48	8P	TALMEUST	MTN	1128W 1903N	K	250	ND	300	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	Numéro du canal assigné *Assigned channel number* Número del canal assignado
2	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen
3	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora
4	Symbole désignant le pays *Country symbol* Símbolo designativo del país
5	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora
6	Système de télévision - *Television system* Sistema de televisión
7	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)
8	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena
9	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)
10	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación
11A	Zone climatique - *Climatic zone* Zona climática
11B	Observations *Remarks* Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
48	0	H	NGR	1145E 2303N	K	250	ND	300	H	2	
48	0	IN SAMIA	NGR	0817E 1448N	K	250	ND	300	H	3	
48	0	NGUIGMI	NGR	1310E 1414N	K	250	ND	300	H	3	
48	0	LOKOJA	NIG	0643E 0748N	I	250	ND	150	H	5	
48	0	TROIS BASSINS	REU	5518E 2106S	K	3	ND	900	H	4	
48	8P	PETAUKE	RHN	3115E 1415S	G	500	ND	150	H	3	
48	8P	QUE QUE	RHS	2946E 1855S	G	10	ND	150	H	3	
48	0	TRIANGLE	RHS	3126E 2102S	G	500	ND	150	H	3	
48	8M	KOURMOUK	SDN	3416E 1036N	H	200	ND	300	H	3	14
48	0	SENGA	SDN	3355E 1311N	H	200	ND	300	H	3	14
48	0	SEVA AMBO	SDN	3510E 0505N	H	200	ND	300	H	3	14
48	8P	LINGUERE	SEN	1507W 1524N	K	250	ND	300	H	4	
48	8M	DINSOR	SOM	4300E 0225N	G	5	ND	60	H	2	
48	0	BEISSA I	TCD	1537E 0845N	K	250	ND	300	H	5	
48	0	MANDELIA	TCD	1515E 1144N	K	250	ND	300	H	3	
48	0	MUSOMA	TGK	3355E 0135S	I	500	ND	150	H	3	
49	8M	MARBLE HALL	AFS	2920E 2449S	I	1000	ND	300	H	6	
49	8M	NEW BETHESDA	AFS	2432E 3145S	I	1000	ND	300	H	6	
49	8M	PAARL	AFS	1856E 3343S	I	10	ND	300	H	1	
49	8P	PT ELISABETH	AFS	2533E 3356S	I	1000	ND	300	H	6	
49	8P	PUNDA MARIA	AFS	3110E 2245S	I	1000	ND	300	H	3	
48	0	BEIBEI	NGR	0357E 1256N	K	50	ND	300	H	3	
49	8P	S59	AFS	1530E 1803S	I	1000	ND	300	H	2	
49	8P	WILLISTON	AFS	2112E 3102S	I	1000	ND	300	H	6	
49	8M	CAIUNDO	AGL	1730E 1550S	I	250	ND	75	H	3	
49	0	BOUALA	CAF	1542E 0627N	K	250	ND	300	H	5	
49	8M	KAMBA ORO	CAF	1651E 0340N	K	250	ND	300	H	5	
49	0	KOUANGO	CAF	1958E 0459N	K	250	ND	300	H	5	
49	0	SELIM	CAF	2346E 0534N	K	250	ND	300	H	5	
49	0	BAKWANGA	CGO	2535E 0609S	K	250	ND	300	H	3	
49	8M	BASOKO	CGO	2335E 0113N	K	250	ND	300	H	5	
49	0	BUSU MELO	CGO	2005E 0144N	K	250	ND	300	H	5	
49	8P	KILWA	CGO	2809E 0908S	K	250	ND	300	H	3	
49	0	OSHWE	CGO	1935E 0323S	K	250	ND	300	H	3	
49	8P	SAKANIA	CGO	2831E 1241S	K	250	ND	300	H	3	
49	0	DOUKOULA	CME	1458E 1007N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
49	0	DPOUE	CME	1212E 0255N	K	250	ND	300	H	5	
49	0	J	CME	1430E 0508N	K	335	ND	300	V	5	
49	0	LOLODORF	CME	1044E 0314N	K	250	ND	300	H	5	
49	0	MAKOURI	CME	1251E 0532N	K	100	ND	300	H	5	
49	0	MBONGE	CME	0905E 0433N	K	250	ND	300	H	5	
49	0	NGAOUNDERE	CME	1333E 0716N	K	250	ND	300	H	5	
49	0	NSANAKANG	CME	0900E 0551N	K	335	ND	300	V	5	
49	0	BOKATA	COG	1710E 0027S	K	250	ND	300	H	5	
49	0	KAYES	COG	1140E 0420S	K	250	ND	300	H	5	
49	0	MOUYOUNDZI	COG	1357E 0400S	K	250	ND	300	H	5	
49	0	NGAO	COG	1548E 0230S	K	250	ND	300	H	5	
49	0	GR COMORE C	COM	4318E 1137S	K	10	ND	700	H	4	
49	0	DANANE	CTI	0810W 0715N	K	250	ND	300	V	5	
49	0	KOROGHO	CTI	0539W 0927N	K	250	ND	300	H	5	
49	0	PIC DE KANI	CTI	0709W 0924N	K	250	ND	300	H	5	
49	0	TEKOUFOUBA	CTI	0312W 0841N	K	125	ND	300	H	5	
49	8M	GUENE	DAH	0313E 1144N	K	250	ND	300	H	3	
49	8M	PABEGOU	DAH	0135E 0947N	K	250	ND	300	H	5	
49	0	CAIRO	EGY	3109E 3002N	H	500	ND	300	H	2	11
49	0	QUSEIR	EGY	3416E 2607N	H	500	ND	150	H	2	
49	8M	AGIBAR	ETH	3837E 1036N	G	250	ND	150	H	6	
49	0	BEDELLE	ETH	3621E 0827N	G	250	ND	300	H	6	
49	8P	GUBBA	ETH	3524E 1115N	G	250	ND	600	H	6	
49	8M	MASSAWA	ETH	3928E 1536N	G	250	ND	150	H	2	
49	0	WARDARE	ETH	4523E 0659N	G	250	ND	150	H	2	
49	0	AKARAN DJOR	GAB	1234E 0112N	K	250	ND	300	V	5	
49	0	BATANGA	GAB	0912E 0025S	K	250	ND	300	H	5	
49	0	LAMBARENE	GAB	1013E 0012S	K	250	ND	300	H	5	
49	0	ZAKAMATOU	GAB	1335E 0109N	K	250	ND	300	H	5	
49	0	AJANGOTE	GHA	0020W 0545N	K	50	ND	250	H	5	
49	8P	BISSAU	GNP	1537W 1152N	I	100	ND	75	V	4	
49	0	BANAMA	GUI	0944W 0933N	K	250	ND	600	H	5	
49	8M	FOUMBADOUGOU	GUI	0825W 0811N	K	250	ND	300	H	5	
49	8M	KOUBIKORO	GUI	1032W 0913N	K	250	ND	300	H	5	
49	8M	TERMESSE	GUI	1248W 1216N	K	250	ND	600	H	3	
49	8M	BADINGA	HVO	0041E 1205N	K	250	ND	300	V	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
49	0	BONDOUKUI	HVO	0346W 1151N	K	250	ND	300	H	3	
49	8P	KOLEL	HVO	0129W 1434N	K	250	ND	300	H	3	
49	8P	KONANKOTRA	HVO	0353W 1254N	K	250	ND	300	H	3	
49	0	OUAGADOUGOU	HVO	0131W 1221N	K	250	ND	300	H	3	
49	0	KISII	KEN	3440E 0040S	I	1000	ND	300	H	3	
49	0	AMBONODRO	MDG	4550E 2512S	K	250	ND	300	H	3	
49	0	AMBAHIMIRAVARA	MDG	4804E 1346S	K	250	ND	600	H	3	
49	0	AMBATO BOENI	MDG	4643E 1628S	K	250	ND	300	H	3	
49	0	AMBONONDRONMBE	MDG	4619E 2328S	K	250	ND	600	H	3	
49	0	ANDROKA	MDG	4404E 2500S	K	250	ND	300	H	3	
49	0	ANDRANOFOTSY	MDG	4644E 2207S	K	250	ND	600	H	3	
49	0	ANTAFIANDAKANA	MDG	4836E 1610S	K	250	ND	300	H	3	
49	0	BETARATASY	MDG	4441E 2147S	K	250	ND	300	H	3	
49	0	KIRAROMENA	MDG	4603E 1817S	K	250	ND	150	H	3	
49	0	LOHAVOHITRA E	MDG	4746E 1834S	K	250	ND	600	H	3	
49	0	MALAIMBANDY	MDG	4536E 2022S	K	250	ND	300	H	3	
49	0	VONTOVORONA	MDG	4712E 1955S	K	25	ND	600	H	3	
49	8M	BANDIAGARA	MLI	0337W 1421N	K	250	ND	300	H	3	
49	0	BANAMBA	MLI	0727W 1333N	K	250	ND	300	H	3	
49	8M	GAO	MLI	0002W 1616N	K	250	ND	300	H	3	
49	0	KANIOUME	MLI	0309W 1548N	K	250	ND	300	H	3	
49	0	LERE	MLI	0455W 1543N	K	250	ND	300	V	3	
49	8M	NARA	MLI	0717W 1510N	K	250	ND	300	H	2	
49	0	ESPUNGABERA	MOZ	3236E 2022S	I	250	ND	75	H	3	
49	8M	FUNHALOURO	MOZ	3427E 2307S	I	250	ND	75	H	3	
49	8P	MILANGE	MOZ	3547E 1606S	I	250	ND	150	H	3	
49	8M	MUEDA	MOZ	3933E 1140S	I	250	ND	300	H	3	
49	8M	VILA CABRAL	MOZ	3514E 1318S	I	250	ND	300	H	3	
49	0	ZUMBO	MOZ	3014E 1521S	I	250	ND	75	H	3	
49	8P	D	MTN	1237W 2324N	K	250	ND	300	H	4	
49	0	H	MTN	0536W 2505N	K	250	ND	300	H	2	
49	8P	J	MTN	0658W 2222N	K	250	ND	300	H	2	
49	8P	PT ETIENNE	MTN	1703W 2053N	K	250	ND	300	H	4	
49	0	SELIBABY	MTN	1208W 1514N	K	250	ND	300	V	4	
49	8P	T	MTN	1003W 2547N	K	250	ND	300	H	2	
49	0	KOKORO	NGR	0056E 1412N	K	250	ND	300	V	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
49	0	P	NGR	0450E 1830N	K	250	ND	300	H	2	
49	0	TESSAOUA	NGR	0758E 1348N	K	250	ND	300	H	3	
49	0	LAGOS	NIG	0327E 0627N	I	250	ND	150	H	5	
49	0	ETANG SALE	REU	5521E 2116S	K	3	ND	300	H	4	
49	8P	AERE LAO	SEN	1420W 1624N	K	50	ND	300	V	4	
49	8M	KAOLACK	SEN	1607W 1410N	K	250	ND	300	V	4	
49	0	KOLDA	SEN	1459W 1254N	K	335	D	300	H	4	74/300/60/50 74/120/250/30
49	0	ARTA	SMF	4250E 1131N	K	1000	ND	700	H	2	
49	8M	BARDERA	SOM	4220E 0221N	G	5	ND	180	H	2	
49	0	B	TCD	1532E 1636N	K	250	ND	300	H	3	
49	0	BEDAIDA	TCD	1617E 0805N	K	250	ND	300	V	5	
49	0	BOKORO	TCD	1703E 1223N	K	250	ND	300	H	3	
49	0	DJIMEZ	TCD	2158E 1157N	K	250	ND	300	H	3	
49	0	FT ARCHAMBAULT	TCD	1824E 0909N	K	250	ND	300	H	5	
49	8M	ARUSHA	TGK	3640E 0320S	I	500	ND	600	H	3	
49	0	KRA	TGO	0121E 0720N	K	250	ND	300	H	5	
50	0	PANGA	TGO	0040E 1004N	K	100	ND	300	H	3	
49	8P	SOROTI	UGA	3335E 0150N	G	500	ND	150	H	3	
50	0	HISHWAH	ADN	4457E 1250N	I	10	ND	150	H	4	13
50	0	BETHAL	AFS	2937E 2627S	I	1000	ND	300	H	6	
50	8M	COLIGNY	AFS	2610E 2623S	I	1000	ND	300	H	6	
50	8M	DUBLIN	AFS	3040E 2427S	I	1000	ND	750	H	6	
50	8M	GREYTOWN	AFS	3032E 2901S	I	1000	ND	750	H	3	
50	0	JAGGERSPLAAT	AFS	1934E 3002S	I	1000	ND	300	H	2	
50	8M	S66	AFS	2235E 1755S	I	1000	ND	300	H	2	
50	8M	VENTERSTAD	AFS	2542E 3057S	I	1000	ND	300	H	6	
50	0	TEIXEIRA SOUZA	AGL	2210E 1044S	I	250	ND	75	H	3	
50	8P	BOUROURI	BDI	2936E 0357S	K	50	ND	100	H	5	14
50	0	BOZOUM	CAF	1624E 0620N	K	250	ND	300	H	5	
50	0	DAMARA	CAF	1843E 0458N	K	250	ND	300	H	5	
50	0	DANGOUYA	CAF	2230E 0625N	K	250	ND	300	H	5	
50	0	DJEMA	CAF	2515E 0608N	K	250	ND	300	H	5	
50	0	OUANDA DJALE	CAF	2246E 0853N	K	250	ND	300	H	5	
50	8M	BANZYVILLE	CGO	2110E 0418N	K	250	ND	300	H	5	
50	8M	BOENDE	CGO	2057E 0019S	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

470-960 MHz Mc/s BT

1	Numéro du canal assigné *Assigned channel number* Número del canal assignado
2	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen
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8	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena
9	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)
10	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación
11A	Zone climatique - *Climatic zone* Zona climática
11B	Observations *Remarks* Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
50	0	BOMBOMA	CGO	1900E 0218N	K	250	ND	300	V	5	
50	0	BONDO	CGO	2348E 0340N	K	250	D	300	H	5	75/57/2,5
50	0	BUKAMA	CGO	2550E 0912S	K	250	ND	300	H	3	
50	8P	DEKESE	CGO	2123E 0325S	K	250	ND	300	H	3	
50	8M	GOMBARI	CGO	2903E 0243N	K	250	ND	300	H	5	
50	8M	GUNGU	CGO	1919E 0544S	K	250	ND	300	H	3	
50	8P	KAPANGA KWANGO	CGO	1703E 0508S	K	250	ND	300	H	3	
50	8P	KASONGO TONGON	CGO	2632E 0429S	K	250	ND	300	V	3	
50	0	KINKENGE	CGO	1339E 0456S	K	250	ND	300	V	3	
50	8P	LOWA	CGO	2552E 0128S	K	250	ND	300	H	3	
50	0	LULUABOURG	CGO	2225E 0554S	K	250	ND	300	H	3	
50	8M	MANONO	CGO	2627E 0716S	K	250	ND	300	H	3	
50	0	PANGI	CGO	2638E 0315S	K	250	ND	300	H	3	
50	0	DABERE	CME	1207E 0637N	K	250	ND	300	H	5	
50	0	IKENGE	CME	0955E 0515N	K	250	ND	300	H	5	
50	0	KUMBO	CME	1040E 0612N	K	250	ND	300	H	5	
50	0	LOMIE	CME	1336E 0310N	K	250	ND	300	H	5	
50	0	OKOLA	CME	1132E 0402N	K	250	ND	300	H	5	
50	0	OMIE	CME	1424E 0749N	K	250	ND	600	H	5	
50	0	YAGOUA	CME	1515E 1020N	K	335	ND	300	H	5	
50	0	YOKADOUMA	CME	1511E 0325N	K	335	ND	300	V	5	
50	0	BOMASSA	COG	1612E 0210N	K	250	ND	300	H	5	
50	0	DIVENIE	COG	1206E 0240S	K	250	ND	300	H	5	
50	0	IMPFONDO	COG	1803E 0140N	K	250	ND	300	H	5	
50	0	KELLE	COG	1430E 0004S	K	250	ND	300	H	5	
50	0	LOBOKO	COG	1640E 0042S	K	250	ND	300	H	5	
50	8M	SEMBE	COG	1434E 0139N	K	250	ND	300	H	5	
50	8M	SIBITI	COG	1320E 0340S	K	250	ND	300	H	5	
50	8M	BOUAKE	CTI	0503W 0741N	K	250	ND	300	H	5	
50	0	DABAKALA	CTI	0407W 0808N	K	250	ND	600	V	5	
50	0	EBIKRO	CTI	0309W 0544N	K	250	ND	300	H	5	
50	0	KANORABA	CTI	0608W 0907N	K	250	ND	300	H	5	
50	0	NAGNEBAO	CTI	0659W 0457N	K	250	ND	300	H	5	
50	0	DUNKASSA	DAH	0309E 1021N	K	250	ND	300	V	3	
50	8P	LOZI	DAH	0156E 0804N	K	250	ND	600	H	5	
50	0	BARIS	EGY	3037E 2440N	H	500	ND	150	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
50	0	MALLAWI	EGY	3050E 2744N	H	500	ND	150	H	2	
50	0	ADIGRAT	ETH	3929E 1416N	G	250	ND	150	H	6	
50	8M	AGARE SELAM	ETH	3831E 0630N	G	250	ND	600	H	6	
50	8P	ASBE TAFARI	ETH	4054E 0901N	G	250	ND	1200	H	6	
50	0	EL CARRE	ETH	4210E 0550N	G	250	ND	150	H	6	
50	8P	ISMALAGHIORGIS	ETH	3635E 1136N	G	250	ND	600	H	6	
50	8M	MENDI	ETH	3505E 0947N	G	250	ND	600	H	6	
50	8P	MUSTAHIL	ETH	4437E 0517N	G	250	ND	150	V	2	
50	0	BOLOKO	GAB	1213E 0056N	K	250	ND	300	H	5	
50	0	BOUBOUMBA	GAB	1030E 0311S	K	250	ND	300	V	5	
50	0	COCOBEACH	GAB	0938E 0056N	K	250	ND	300	V	5	
50	0	ESSONE	GAB	1113E 0040N	K	250	ND	300	H	5	
50	0	KANGO	GAB	1005E 0011N	K	250	ND	300	H	5	
50	0	KOULAMOUTOU	GAB	1333E 0136S	K	250	ND	300	V	5	
50	8P	LEKONI	GAB	1414E 0135S	K	250	ND	300	H	5	
50	0	LIBREVILLE	GAB	0928E 0025N	K	335	ND	300	H	5	
50	8P	MALIMBA 1	GAB	1038E 0203S	K	250	ND	300	H	5	
50	8P	NKABIN	GHA	0140W 0648N	K	50	ND	150	H	5	
50	0	KUNTAUR	GMB	1450W 1332N	I	100	ND	300	H	4	
50	8P	MT CHOCOLATE	GNE	1012E 0143N	G	50	ND	150	H	5	
50	0	BANANKO	GUI	0902W 0952N	K	250	ND	300	H	5	
50	0	BANANKORO	GUI	0920W 0908N	K	250	ND	300	H	5	
50	0	BOFFA	GUI	1402W 1011N	K	250	ND	300	H	4	
50	0	BONE	GUI	1130W 1132N	K	250	D	300	H	3	75/57/2,5
50	8M	GADUAL	GUI	1311W 1141N	K	250	ND	600	V	3	
50	0	KORELA	GUI	0857W 0838N	K	250	ND	300	H	5	
50	8P	KOUMSINIAKI	GUI	1302W 1034N	K	250	ND	300	V	3	
50	0	MAMOUROUDOUGOU	GUI	0920W 0933N	K	250	ND	300	H	5	
50	8P	MAMOU	GUI	1206W 1022N	K	250	ND	300	V	3	
50	8M	NZEREKORE	GUI	0849W 0743N	K	250	ND	300	H	5	
50	8M	SANOUYA	GUI	1106W 1009N	K	250	ND	600	H	3	
50	8M	SIRAMANIA	GUI	1048W 0934N	K	250	ND	300	V	5	
50	0	TABADIAN	GUI	1105W 1111N	K	250	ND	300	H	3	
50	0	DIAKA	HVO	0020W 1259N	K	250	ND	300	H	3	
50	0	FO	HVO	0231W 1153N	K	250	ND	300	H	3	
50	0	KINKORO	HVO	0333W 1040N	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
50	8M	NOUMOUKIEDOUGO	HVO	0415W 0955N	K	355	ND	300	V	3	
50	8P	SISSAMBA	HVO	0228W 1331N	K	25	D	300	H	3	74/10/310/3
50	0	MACHAKOS	KEN	3715E 0130S	I	1000	ND	300	H	3	
50	0	AMBODIMILONGA	MDG	4933E 1629S	K	250	ND	300	H	3	
50	0	AMBANDRAKELY	MDG	4752E 1631S	K	250	ND	300	H	3	
50	0	ANDRANOMAVO	MDG	4533E 1634S	K	100	ND	300	H	3	
50	0	ANTARATSY	MDG	4606E 2202S	K	250	ND	300	H	3	
50	0	ANTRAIKA	MDG	4751E 2136S	K	250	ND	600	H	3	
50	0	BELENGO	MDG	4433E 1830S	K	250	ND	300	H	3	
50	0	DABARA	MDG	4448E 2024S	K	250	ND	300	H	3	
50	0	LOHAVOHITRA O	MDG	4717E 1838S	K	250	ND	600	H	3	
50	0	MOROMBE	MDG	4322E 2145S	K	250	ND	300	H	3	
50	0	V	MDG	4634E 2005S	K	250	ND	600	H	3	
50	0	VOHITRARIVO	MDG	4825E 2010S	K	250	ND	300	H	3	
50	0	Z	MDG	4842E 1814S	K	250	ND	600	H	3	
50	8M	ARAOUANE	MLI	0330W 1855N	K	250	ND	300	H	2	
50	8P	BAMBA	MLI	0123W 1702N	K	250	ND	300	H	3	
50	8M	BOUTOUNGUISSI	MLI	1139W 1509N	K	250	ND	300	H	3	
50	8M	DARSALAM	MLI	1042W 1203N	K	3	ND	300	V	3	
50	8P	DEMEKE	MLI	1023W 1420N	K	250	ND	300	H	3	
50	0	GOUDJIKORO	MLI	0634W 1419N	K	250	ND	300	H	3	
50	0	GOUNDAM	MLI	0340W 1625N	K	250	ND	300	H	3	
50	8P	KOULIKORO	MLI	0733W 1254N	K	250	ND	300	H	3	
50	8P	SOSOBE TOGOURO	MLI	0441W 1434N	K	250	ND	300	H	3	
50	8M	TIEBELE	MLI	0501W 1252N	K	250	ND	300	V	3	
50	8M	YORO	MLI	0208W 1417N	K	250	ND	300	V	3	
50	0	MONTEPUEZ	MOZ	3900E 1308S	I	250	ND	75	H	5	
50	0	AKJOUJT	MTN	1422W 1945N	K	250	ND	300	H	4	
50	8P	ALEG	MTN	1351W 1703N	K	125	ND	300	H	4	
50	8P	TIMBEDRA	MTN	0812W 1616N	K	250	ND	300	H	3	
50	0	F	NGR	0848E 2110N	K	250	ND	300	H	2	
50	0	FILINGUE	NGR	0319E 1421N	K	250	ND	300	H	3	
50	0	GUIDIMOUNI	NGR	0931E 1342N	K	250	ND	300	H	3	
50	0	IN GALL	NGR	0656E 1647N	K	250	ND	300	H	3	
50	0	MADAOUA	NGR	0600E 1409N	K	250	ND	300	H	3	
50	0	N	NGR	1410E 1550N	K	250	ND	300	V	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
50	0	NIAMEY	NGR	0206E 1331N	K	250	ND	300	V	3	
50	0	ENUGU	NIG	0729E 0620N	I	250	ND	150	H	5	
50	0	ILESHA	NIG	0445E 0738N	I	250	ND	150	H	5	
50	0	MINNA	NIG	0630E 0936N	I	250	ND	150	H	5	
50	0	SAINT ANDRE	REU	5537E 2055S	K	50	ND	300	H	4	
50	8P	KAWAMBWA	RHN	2905E 0947S	G	500	ND	150	H	3	
50	8P	NKAI	RHS	2852E 1838S	G	500	ND	150	H	3	
50	8M	GABIRO	RRW	3023E 0132S	K	250	ND	300	H	3	
50	0	ABOU HAMED	SDN	3034E 1945N	H	200	ND	300	H	2	14
50	0	MONGALA	SDN	2950E 0455N	H	200	ND	300	H	5	14
50	8P	BRANSAN	SEN	1205W 1314N	K	250	D	300	H	4	74/200/300/50
50	8P	KELLE	SEN	1634W 1511N	K	50	ND	300	V	4	
50	8M	OBBIA	SOM	4830E 0520N	G	5	ND	70	H	2	
50	0	V D ABRUZZI	SOM	4530E 0245N	G	2	ND	50	H	2	
50	0	AB GOUKA	TCD	1854E 1259N	K	250	ND	300	H	3	
50	0	ABOUDEIA	TCD	1916E 1126N	K	250	ND	600	H	3	
50	0	BODO	TCD	1708E 0817N	K	250	ND	300	H	5	
50	0	BOL	TCD	1443E 1328N	K	250	ND	300	H	3	
50	0	E	TCD	2037E 2021N	K	250	ND	300	H	2	
50	0	EGUITIMMI	TCD	1619E 1548N	K	250	ND	300	H	3	
50	0	G	TCD	2326E 1941N	K	250	ND	300	H	2	
50	0	K	TCD	1600E 1900N	K	250	ND	300	H	2	
50	0	KELO	TCD	1548E 0925N	K	250	ND	300	V	5	
50	0	MANGUEIGNE	TCD	2119E 1031N	K	250	ND	300	H	3	
50	0	MOUSSORO	TCD	1630E 1339N	K	250	ND	300	H	3	
50	0	NGAMA	TCD	1710E 1147N	K	250	ND	300	H	3	
50	0	SINGAKO	TCD	1928E 0951N	K	250	ND	300	H	5	
50	0	JINJA	UGA	3310E 0020N	G	500	ND	150	H	3	
51	0	BEDFORD	AFS	2603E 3239S	I	1000	ND	350	H	6	
51	8M	BOSMANSKOP	AFS	2713E 2959S	I	1000	ND	300	H	6	
51	8P	HARRISMITH	AFS	2910E 2815S	I	10	ND	300	H	6	
51	8P	S8	AFS	1720E 2630S	I	1000	ND	300	H	2	
51	8P	S17	AFS	1905E 2315S	I	1000	ND	300	H	2	
51	0	WOLMARANSTAD	AFS	2603E 2714S	I	1000	ND	300	H	6	
51	8P	CACONDA	AGL	1504E 1344S	I	250	ND	150	H	3	
51	8P	NOVO REDONDO	AGL	1350E 1112S	I	250	ND	75	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones
51	8P	SALVADOR	AGL	1415E 0616S	I	250	ND	150	H	3	
51	0	BANGUI	CAF	1835E 0423N	K	250	ND	300	H	5	
51	0	CARNOT	CAF	1758E 0458N	K	250	ND	300	H	5	
51	0	DONGO	CAF	1825E 0742N	K	250	ND	300	H	5	
51	0	DJEM	CME	1210E 0701N	K	335	ND	300	H	5	
51	0	DSCHANG	CME	1015E 0527N	K	250	ND	300	H	5	
51	0	FT FOUREAU	CME	1502E 1205N	K	300	ND	300	V	5	
51	0	GAROUA	CME	1328E 0924N	K	250	ND	600	H	5	
51	0	MAKANE	CME	1335E 0655N	K	250	ND	300	H	5	
51	0	W	CME	1426E 0256N	K	335	ND	300	H	5	
51	0	BRAZZAVILLE	COG	1515E 0417S	K	250	D	300	H	5	74/90/180/25
51	0	H	COG	1410E 0235S	K	250	ND	300	H	5	
51	0	MAKOUA	COG	1538E 0000N	K	250	ND	300	H	5	
51	0	MPOUYA	COG	1612E 0237S	K	250	ND	300	H	5	
51	0	GR COMORE N	COM	4317E 1125S	K	1	ND	300	H	4	
51	0	GR COMORE S	COM	4318E 1150S	K	100	ND	600	H	4	
51	0	ADZOPE	CTI	0351W 0606N	K	150	ND	300	V	5	
51	0	TIETIEKRO	CTI	0536W 0700N	K	335	ND	600	H	5	
51	0	KANDI	DAH	0256E 1108N	K	250	ND	300	H	3	
51	0	LUXOR	EGY	3238E 2527N	H	500	ND	150	H	.2	
51	0	RAS ZA FARANA	EGY	3240E 2906N	H	500	ND	150	H	2	
51	8P	AGORDAT	ETH	3753E 1533N	G	250	ND	300	H	6	
51	8P	DEBRE BERHAN	ETH	3932E 0939N	G	250	ND	300	H	6	
51	8M	GHINNIR	ETH	4033E 0700N	G	250	ND	300	H	6	
51	8M	JIGGIGA	ETH	4247E 0920N	G	250	ND	300	H	2	
51	0	YAVELLO	ETH	3806E 0454N	G	250	ND	600	H	6	
51	0	KANKAN	GAB	1212E 0009S	K	250	ND	300	H	5	
51	8M	BANTALA	GHA	0145W 0940N	K	50	ND	100	H	5	
51	8P	WENCHI	GHA	0210W 0635N	K	50	ND	120	H	5	
51	8M	GRODA	GUI	0916W 0813N	K	250	ND	600	H	5	
51	8P	TELIMELE	GUI	1304W 1052N	K	250	ND	600	H	3	
51	8P	TIMBO	GUI	1149W 1039N	K	250	ND	300	H	3	
51	8P	BATIE	HVO	0255W 0953N	K	500	ND	300	H	3	
51	0	BEREGADOUGOU	HVO	0447W 1047N	K	250	ND	600	H	3	
51	8P	NYANGADO	HVO	0250W 1216N	K	250	ND	300	H	3	
51	8M	SANOGO	HVO	0028W 1143N	K	250	ND	300	V	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
51	0	ANTALAHA	MDG	5016E 1454S	K	250	ND	300	H	3	
51	0	ANTONIBE	MDG	4724E 1507S	K	25	ND	300	H	3	
51	0	BEMAVO	MDG	4523E 2137S	K	250	ND	300	H	3	
51	0	POSTEROMARTINA	MDG	4600E 1935S	K	250	ND	600	H	3	
51	0	TSITONDROINA	MDG	4710E 2151S	K	250	ND	600	H	3	
51	0	X	MDG	4545E 1700S	K	250	D	300	H	3	74/330/350/100
51	0	DABAN	MLI	0818W 1313N	K	250	ND	300	H	3	
51	8M	DOICHI	MLI	0811W 1459N	K	250	ND	300	H	3	
51	8P	G	MLI	0540W 2330N	K	250	ND	300	H	2	
51	8P	R	MLI	0035W 2140N	K	250	ND	300	H	3	
51	8M	MANICA	MOZ	3552E 1856S	I	250	ND	38	H	3	
51	0	BOUTILIMIT	MTN	1443W 1734N	K	250	D	300	H	4	74/130/240/25
51	8M	N	MTN	0542W 1703N	K	250	ND	300	H	3	
51	8M	BOULTOUM	NGR	1020E 1438N	K	250	ND	300	H	3	
51	0	S	NGR	0925E 2140N	K	250	ND	300	H	2	
51	0	TANOUT	NGR	0851E 1450N	K	250	ND	300	V	3	
51	0	MAKURDI	NIG	0836E 0743N	I	250	ND	150	H	5	
51	0	PETITE ILE	REU	5533E 2119S	K	3	ND	700	H	4	
51	8M	SESHEKE	RHN	2420E 1725S	G	500	ND	150	H	3	
51	0	YAMBIO	SDN	2821E 0434N	H	200	ND	300	H	5	14
51	0	DALAFI	SEN	1224W 1340N	K	250	ND	300	H	4	
51	0	MAKA	SEN	1417W 1340N	K	50	ND	300	V	4	
51	8P	TATAGUINE	SEN	1642W 1426N	K	50	ND	300	H	4	
51	0	BULO BURTI	SOM	4535E 0351N	G	500	ND	200	H	2	
51	0	DELEIBA	TCD	1958E 1118N	K	250	ND	300	H	3	
51	0	LAI	TCD	1622E 0924N	K	250	ND	300	H	5	
51	0	TUKUYU	TGK	3340E 0920S	I	500	ND	1200	H	3	
51	0	ATTITOGON	TGO	0140E 0625N	K	250	ND	300	H	5	
51	0	MT BOUNDJOUARE	TGO	0018E 1048N	K	250	ND	300	H	3	
51	8P	SABARAGANDE	TGO	0120E 0859N	K	250	ND	300	H	5	
52	8M	DEELFONTEIN	AFS	2356E 3107S	I	1000	ND	300	H	6	
52	8M	MARBLE HALL	AFS	2920E 2449S	I	1000	ND	300	H	6	
52	0	OUDTSHOORN	AFS	2213E 3339S	I	10	ND	100	H	6	
52	8P	PIET RETIEF	AFS	3043E 2716S	I	1000	ND	400	H	6	
52	8P	PT ELISABETH	AFS	2533E 3356S	I	1000	ND	300	H	6	
52	8M	S35	AFS	1620E 2025S	I	1000	ND	300	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones

470-960 MHz Mc/s BT

1	2	3	4	5	6	7	8	9	10	11A	11B
52	8P	WILLISTON	AFS	2112E 3102S	I	1000	ND	300	H	6	
52	8M	CAIUNDO	AGL	1730E 1550S	I	250	ND	75	H	3	
52	8M	LOBITO	AGL	1338E 1241S	I	250	ND	300	H	3	
52	0	V.CISNEROS	AOE	1558W 2343N	G	100	ND	75	H	4	
52	0	ATONGO	CAF	2130E 0549N	K	250	ND	300	H	5	
52	0	B	CAF	2330E 0810N	K	250	ND	300	H	5	
52	0	BABOUA	CAF	1453E 0550N	K	250	ND	300	H	5	
52	0	MOME	CAF	2430E 0504N	K	250	ND	300	H	5	
52	0	PAOUA	CAF	1626E 0715N	K	250	ND	300	H	5	
52	8M	SALO	CAF	1608E 0310N	K	250	ND	300	H	5	
52	8P	BANGURU	CGO	2710E 0030N	K	250	ND	300	H	5	
52	8P	BASANKUSU	CGO	1948E 0113N	K	250	ND	300	H	5	
52	8M	BIKORO	CGO	1808E 0040S	K	250	ND	300	H	3	
52	8M	BUKAVU	CGO	2852E 0220S	K	250	ND	300	H	3	
52	0	BUSINGA	CGO	2058E 0316N	K	250	ND	300	H	5	
52	8M	KABONGO	CGO	2535E 0720S	K	250	ND	300	H	3	
52	8M	KWAMOUTH	CGO	1612E 0311S	K	250	ND	300	V	3	
52	8M	LOKANDU	CGO	2544E 0234S	K	250	ND	300	H	3	
52	8P	LOMELA	CGO	2316E 0218S	K	250	ND	300	H	3	
52	8P	LUANIKA	CGO	1425E 0535S	K	250	ND	300	H	3	
52	0	LUBEFU	CGO	2425E 0448S	K	250	ND	300	H	3	
52	0	LUSHIKO	CGO	2000E 0658S	K	250	ND	300	H	3	
52	0	MONKOTO	CGO	2035E 0138S	K	250	ND	300	H	3	
52	0	MUKANA	CGO	2711E 0918S	K	250	ND	300	H	3	
52	0	STANLEYVILLE	CGO	2511E 0030N	K	250	ND	300	H	5	
52	0	BUEA	CME	0914E 0409N	K	335	ND	600	H	5	
52	0	DJOUM	CME	1241E 0238N	K	250	ND	300	H	5	
52	0	ESEKA	CME	1447E 0339N	K	250	ND	300	H	5	
52	0	HAWAL	CME	1247E 0745N	K	250	ND	600	V	5	
52	0	NGAMBE 2	CME	1126E 0551N	K	250	ND	300	H	5	
52	0	REY BOUBA	CME	1412E 0841N	K	250	ND	300	H	5	
52	0	GAGNIA	COG	1603E 0128S	K	250	ND	300	H	5	
52	0	KONKOUATI	COG	1110E 0400S	K	250	ND	300	V	5	
52	0	MINDOULI	COG	1420E 0417S	K	250	ND	300	H	5	
52	0	PIKOUNDA	COG	1640E 0035N	K	250	ND	300	H	5	
52	0	ZALANGOYE	COG	1412E 0127N	K	250	ND	300	V	5	

470-960 MHz Mc/s BT

1	2	3	4	5	6	7	8	9	10	11A	11B
52	0	ANJOUAN N	COM	4425E 1217S	K	100	ND	1600	H	4	
52	0	IRAGUE	CTI	0635W 0515N	K	250	ND	300	H	5	
52	0	KALOA	CTI	0603W 1000N	K	25	ND	300	V	5	
52	0	KENINGOUAFA	CTI	0745W 0954N	K	250	ND	300	H	5	
52	0	METELO	CTI	0809W 0653N	K	250	ND	300	H	5	
52	0	MT NIANGBO	CTI	0511W 0849N	K	250	ND	600	H	5	
52	8P	KETOU	DAH	0235E 0725N	K	335	ND	300	H	5	
52	0	WE WE	DAH	0238E 0923N	K	250	ND	300	V	5	
52	0	ASWAN	EGY	3257E 2404N	H	500	ND	150	H	2	
52	0	CAIRO	EGY	3109E 3002N	H	500	ND	300	H	2	11
52	0	SAFAGA	EGY	3400E 2642N	H	500	ND	150	H	2	
52	8P	ZUQUALLA	ETH	3853E 0833N	G	1000	ND	1200	H	6	
52	0	MINA	GAB	1301E 0002N	K	250	ND	300	V	5	
52	8M	MOUKAMBO	GAB	1139E 0305S	K	250	ND	300	H	5	
52	8M	OYEM	GAB	1136E 0140N	K	250	ND	300	H	5	
52	0	PINGO	GAB	1052E 0116S	K	250	ND	300	H	5	
52	0	PONGAPONGA	GAB	1256E 0139S	K	250	ND	300	H	5	
52	0	PT GENTIL	GAB	0842E 0042S	K	335	ND	300	H	5	
52	0	SETTE CAMA	GAB	0945E 0231S	K	335	ND	300	H	5	
52	0	AJANGOTE	GHA	0020W 0545N	K	50	ND	250	H	5	
52	0	POTWIA	GHA	0015E 0720N	K	50	ND	120	H	5	
52	0	MANSA KONKO	GMB	1535W 1325N	I	250	D	300	V	4	74/160/200/10
52	8P	BISSAU	GNP	1537W 1152N	I	100	D	75	V	4	74/350/30/25
52	0	CONAKRY	GUI	1327W 0946N	K	250	D	1200	V	4	75/122/2,5
52	0	DABOLA	GUI	1109W 1046N	K	250	ND	600	H	3	
52	0	DIARAKOUROU	GUI	0831W 1038N	K	250	D	300	V	3	75/134/2,5
52	8P	KANKAN	GUI	0932W 1014N	K	250	ND	600	H	3	
52	0	LABE	GUI	1214W 1118N	K	250	ND	600	H	3	
52	8M	MALANGARE	GUI	1358W 1121N	K	250	ND	300	H	3	
52	0	MILLIMOU	GUI	1010W 0853N	K	250	ND	300	H	5	
52	8P	SERIDOUGOU	GUI	0824W 0853N	K	250	D	300	V	5	75/32/25
52	0	SORIBADOUGOU	GUI	0825W 0912N	K	250	ND	300	H	5	
52	0	DIEBOUGOU	HVO	0315W 1058N	K	100	ND	300	H	3	
52	8P	DORI	HVO	0002W 1402N	K	250	ND	300	H	3	
52	8M	KANKANDI	HVO	0046E 1239N	K	250	ND	300	H	3	
52	0	KIKIRI	HVO	0107W 1204N	K	250	ND	300	H	3	

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1	2	3	4	5	6	7	8	9	10	11A	11B
52	8P	SANGYE	HVO	0233W 1220N	K	250	ND	300	H	3	
52	0	SANABA	HVO	0353W 1224N	K	25	D	600	V	3	74/20/340/2,5
52	0	AMBATO/FINANDR	MDG	4647E 2031S	K	250	ND	300	H	3	
52	0	ANDEVORANTO	MDG	4905E 1857S	K	250	ND	300	H	3	
52	0	ANKAZOABE	MDG	4430E 2219S	K	250	ND	300	H	3	
52	0	ANKEBOTSY	MDG	4553E 2400S	K	250	ND	300	H	3	
52	0	ANKAVANDRA	MDG	4521E 1848S	K	250	ND	600	H	3	
52	0	ANTOKONOSY	MDG	4733E 2347S	K	250	ND	300	H	3	
52	0	B.MAKOTOALANA	MDG	4841E 1436S	K	100	ND	300	H	3	
52	0	MANIVALO SUD	MDG	4621E 2227S	K	250	ND	600	H	3	
52	0	SAKOAMADINOKA	MDG	4801E 1712S	K	250	ND	300	H	3	
52	0	TANANARIVE	MDG	4731E 1856S	K	2	ND	300	H	3	
52	8P	BAKOUROUFATA	MLI	1042W 1325N	K	250	ND	300	H	3	
52	8P	BAMBARAMAOUNDE	MLI	0248W 1551N	K	250	ND	300	H	3	
52	0	BOUROUKOU	MLI	1113W 1402N	K	250	ND	300	H	3	
52	8P	D	MLI	0045W 2050N	K	250	ND	300	H	2	
52	8M	DIALAYE	MLI	0331W 1339N	K	25	ND	300	H	3	
52	8P	DORO	MLI	0051W 1609N	K	250	ND	300	H	3	
52	8M	F	MLI	0255W 2255N	K	250	ND	300	H	2	
52	0	FERITOUMOU	MLI	0759W 1213N	K	25	ND	300	H	3	
52	8P	GAKOU	MLI	0902W 1509N	K	250	ND	300	H	3	
52	8M	K	MLI	0425W 1750N	K	250	ND	300	V	2	
52	8P	KE MACINA	MLI	0521W 1358N	K	250	ND	300	H	3	
52	8P	KIDAL	MLI	0120E 1825N	K	250	ND	300	H	2	
52	8M	KOLOKANI	MLI	0802W 1335N	K	250	ND	300	H	3	
52	8M	KOURAGUE	MLI	1003W 1220N	K	250	ND	600	V	3	
52	0	MOLODO	MLI	0602W 1414N	K	250	ND	300	V	3	
52	8M	TIANAME	MLI	0008E 1602N	K	250	ND	300	H	3	
52	0	YELIMANE	MLI	1034W 1507N	K	250	ND	300	H	3	
52	8P	MILANGE	MOZ	3547E 1606S	I	250	ND	150	H	3	
52	0	CHINGUETTI	MTN	1222W 2029N	K	250	ND	300	H	4	
52	0	E	MTN	1105W 2555N	K	250	ND	300	H	2	
52	8M	F	MTN	0827W 2540N	K	250	ND	300	H	2	
52	0	K	MTN	0546W 2040N	K	250	ND	300	H	2	
52	8P	P	MTN	1604W 2103N	K	250	ND	300	H	4	
52	0	KANTCHE	NGR	0831E 1334N	K	250	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
52	0	M	NGR	1450E 1700N	K	250	ND	300	H	3	
52	0	SAY	NGR	0220E 1306N	K	250	ND	300	H	3	
52	0	SIDAOUET	NGR	0804E 1831N	K	250	ND	300	H	2	
52	0	V	NGR	1530E 1930N	K	250	ND	300	H	2	
52	0	ABEOKUTA	NIG	0321E 0710S	I	100	ND	150	H	5	
52	8P	SILUANA	RHN	2302E 1650S	G	500	ND	150	H	3	
52	0	LEGION MINE	RHS	2834E 2122S	G	500	ND	150	H	3	
52	0	KIBUNGU	RRW	3032E 0210S	K	250	ND	300	H	3	
52	8P	THIES	SEN	1657W 1446N	K	250	ND	300	H	4	
52	0	MOGADISCIO	SOM	4522E 0205N	G	1000	ND	200	H	2	
52	0	BO	SRL	1200W 0852N	G	100	D	300	H	4	75/303/355/1
52	0	A	TCD	1504E 1327N	K	250	ND	300	H	3	
52	0	BOUSSO	TCD	1625E 1029N	K	250	ND	300	H	3	
52	0	GOUNDI	TCD	1822E 0922N	K	250	ND	300	H	5	
52	0	HARAZE	TCD	2054E 0957N	K	250	ND	300	H	5	
52	0	KOUKOU	TCD	2239E 1121N	K	250	ND	300	H	3	
52	0	MANGALME	TCD	1935E 1223N	K	250	ND	600	H	3	
52	0	MOYTO	TCD	1634E 1235N	K	250	ND	300	H	3	
52	0	O	TCD	2250E 1525N	K	250	ND	300	H	3	
52	0	OUM HADJER	TCD	1938E 1316N	K	250	ND	300	H	3	
52	0	ARUSHA	TGK	3640E 0320S	I	500	ND	600	H	3	
52	0	DAR ES SALAAM	TGK	3915E 0650S	I	500	ND	150	H	3	
52	0	NIAMTOUGOU	TGO	0106E 0946N	K	250	ND	300	H	5	
52	0	MASAKA	UGA	3145E 0020S	G	500	ND	150	H	3	
53	0	CLEWER	AFS	2908E 2556S	I	1000	ND	300	H	6	
53	8M	GREYTOWN	AFS	3032E 2901S	I	1000	ND	750	H	3	
53	0	LUDERITZ	AFS	1520E 2640S	I	1000	ND	300	H	2	
53	8P	PRIESKA	AFS	2241E 3005S	I	1000	ND	300	H	6	
53	8M	S44	AFS	1740E 1940S	I	1000	ND	300	H	2	
53	8M	S66	AFS	2235E 1755S	I	1000	ND	300	H	2	
53	8P	SENEKAL	AFS	2731E 2816S	I	1000	ND	300	H	6	
53	8M	T118	AFS	3047E 2351S	I	1000	ND	300	H	6	
53	8M	VENTERSTAD	AFS	2542E 3057S	I	1000	ND	300	H	6	
53	8P	MALANGE	AGL	1620E 0931S	I	250	ND	150	H	3	
53	0	TEIXEIRA SOUZA	AGL	2210E 1044S	I	250	ND	75	H	3	
53	0	GHANZI	BCH	2330E 2200S	I	100	ND	300	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

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53	8P	KITORA	BDI	3025E 0240S	K	50	ND	100	H	5	14
53	0	BAKIA	CAF	2551E 0517N	K	250	ND	300	H	5	
53	0	BANGASSOU	CAF	2250E 0444N	K	250	ND	300	H	5	
53	0	BANGORAN	CAF	2021E 0810N	K	250	ND	300	H	5	
53	0	BOUAR	CAF	1531E 0556N	K	250	ND	300	H	5	
53	0	C	CAF	2140E 0950N	K	250	ND	300	V	5	
53	0	MARALI	CAF	1810E 0603N	K	250	ND	300	H	5	
53	0	MOUKA	CAF	2146E 0717N	K	250	ND	300	H	5	
53	0	YALINGA	CAF	2309E 0631N	K	250	ND	300	H	5	
53	0	ZEMONGO	CAF	2455E 0707N	K	250	ND	300	H	5	
53	8P	BOLOMBA	CGO	1915E 0045N	K	250	ND	300	V	5	
53	8M	BONGO	CGO	1742E 0147S	K	250	ND	300	H	3	
53	8P	KABALO	CGO	2654E 0602S	K	250	ND	300	H	3	
53	8M	KONDOLOLE	CGO	2602E 0122N	K	250	ND	300	H	5	
53	0	LEOPOLDVILLE	CGO	1515E 0420S	K	250	ND	300	H	3	
53	0	MAMBASA	CGO	2903E 0121N	K	250	ND	300	V	5	
53	8P	NIANGARA	CGO	2754E 0341N	K	250	ND	300	H	5	
53	0	BAMYANGA	CME	1304E 0643N	K	250	ND	300	H	5	
53	0	BAMENDA	CME	1009E 0556N	K	335	ND	300	H	5	
53	0	GIDJIBA	CME	1344E 0828N	K	250	ND	300	H	5	
53	0	MBANG	CME	1416E 0358N	K	250	ND	300	H	5	
53	0	NTUI	CME	1138E 0427N	K	250	ND	300	H	5	
53	0	BOULOUPESSE	COG	1240E 0200S	K	250	ND	300	H	5	
53	0	DJAMBALA	COG	1448E 0234S	K	250	ND	600	V	5	
53	0	EPENA	COG	1728E 0128N	K	250	ND	300	H	5	
53	0	MASSABE	COG	1200E 0459S	K	250	ND	300	H	5	
53	0	MOSSAKA	COG	1648E 0110S	K	250	ND	300	V	5	
53	0	NTIMA	COG	1208E 0343S	K	250	ND	300	H	5	
53	0	ODZALA	COG	1440E 0038N	K	250	ND	300	H	5	
53	0	OUESSO	COG	1602E 0140N	K	250	ND	300	H	5	
53	8M	SOUFFLAY	COG	1453E 0203N	K	250	ND	300	H	5	
53	0	GR COMORE C	COM	4318E 1137S	K	10	ND	700	H	4	
53	0	BAVE	CTI	0409W 0935N	K	250	ND	300	H	5	
53	0	KANI	CTI	0637W 0829N	K	250	ND	300	H	5	
53	0	KODIMASSOU	CTI	0438W 0553N	K	250	ND	300	H	5	
53	8P	MAMOUYA	CTI	0732W 0853N	K	250	ND	300	V	5	

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53	0	OUASSADOUGOU	CTI	0414W 0742N	K	250	ND	300	V	5	
53	0	TROPANO	CTI	0553W 0603N	K	250	ND	300	H	5	
53	8M	KEDEKOU	DAH	0150E 1041N	K	250	ND	300	H	3	
53	0	BULAQ	EGY	3032E 2513N	H	500	ND	150	H	2	
53	0	EL MINYA	EGY	3035E 2805N	H	500	ND	150	H	2	
53	8M	PT SAID	EGY	3211E 3110N	H	500	D	300	H	2	11 74/330/90/100
53	8M	AGARE SELAM	ETH	3831E 0630N	G	250	ND	600	H	6	
53	8P	ASBE TAFARI	ETH	4054E 0901N	G	250	ND	1200	H	6	
53	8M	ASMARA	ETH	3856E 1521N	G	1000	ND	600	H	6	
53	8M	ASOSA	ETH	3441E 1024N	G	250	ND	300	H	6	
53	0	ESSOM	GAB	1135E 0111N	K	250	ND	300	H	5	
53	0	LOUNGOUAGOU	GAB	1143E 0046S	K	250	ND	300	H	5	
53	0	MEDEGUE	GAB	1009E 0038N	K	250	ND	300	H	5	
53	0	MVOUI	GAB	1259E 0154N	K	250	ND	300	V	5	
53	8P	OKONDJA	GAB	1347E 0040S	K	250	ND	300	H	5	
53	0	NKABIN	GHA	0140W 0648N	K	50	ND	150	H	5	
53	8P	BAFELE KORO	GUI	0923W 1102N	K	250	ND	300	H	3	
53	8M	BODEZIA	GUI	0919W 0749N	K	250	ND	300	H	5	
53	0	BOKE	GUI	1418W 1056N	K	250	D	300	V	4	75/6/25
53	8M	DOUAKO	GUI	1011W 0944N	K	250	ND	300	H	5	
53	8M	KITIARA	GUI	1341W 1210N	K	250	ND	300	V	3	
53	8P	KOBELEA	GUI	1241W 1029N	K	250	ND	300	V	3	
53	8M	NAOURI	HVO	0106W 1104N	K	500	ND	300	H	3	
53	8P	PAMA	HVO	0040E 1119N	K	500	ND	300	H	3	
53	0	PISSILA	HVO	0049W 1310N	K	250	ND	300	H	3	
53	8P	SAMOROGOAN	HVO	0456W 1123N	K	3	ND	300	H	3	
53	8P	TOUGAN	HVO	0304W 1304N	K	250	ND	300	H	3	
53	0	NAKURU	KEN	3603E 0018S	I	1000	ND	600	H	3	
53	0	AMBATO SAHAROF	MDG	5020E 1517S	K	250	ND	600	H	3	
53	0	ANJOZOROBE	MDG	4750E 1823S	K	250	ND	300	H	3	
53	0	ANTSATRANA	MDG	4904E 1426S	K	250	ND	600	H	3	
53	0	ANTSATRANA MAN	MDG	4853E 1543S	K	250	ND	600	H	3	
53	0	BEKITROHA	MDG	4500E 2115S	K	250	ND	300	H	3	
53	0	BELANITRA	MDG	4740E 1945S	K	250	ND	300	H	3	
53	0	BERAKETA	MDG	4425E 2206S	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
53	0	FOPOINA	MDG	4646E 2140S	K	250	ND	300	H	3	
53	0	FOULPOINTE	MDG	4930E 1741S	K	250	ND	300	H	3	
53	0	KARIANGA	MDG	4723E 2225S	K	200	ND	300	H	3	
53	0	MAINKIAMPANGON	MDG	4911E 1356S	K	250	ND	600	H	3	
53	0	MAROVOAY	MDG	4638E 1607S	K	250	ND	300	H	3	
53	0	MIANDRIVAZO	MDG	4530E 1931S	K	250	ND	300	H	3	
53	8M	DIEMA	MLI	0911W 1433N	K	250	ND	300	H	3	
53	8M	DOUENTZA	MLI	0258W 1458N	K	250	ND	600	H	3	
53	8P	GOURMA RHAROUS	MLI	0155W 1653N	K	250	ND	300	H	3	
53	8M	KOBA	MLI	0526W 1330N	K	250	ND	300	H	3	
53	8M	KOSSAYA	MLI	1059W 1231N	K	250	ND	300	V	3	
53	0	KOURTEKO	MLI	1144W 1403N	K	250	ND	300	V	3	
53	8M	MINANBA	MLI	0440W 1224N	K	3	ND	300	H	3	
53	8P	TOUGOUNI	MLI	0713W 1313N	K	250	ND	300	H	3	
53	0	MONTEPUEZ	MOZ	3900E 1308S	I	250	ND	75	H	5	
53	8P	V.JUNQUEIRO	MOZ	3659E 1528S	I	250	ND	150	H	3	
53	8M	VILANCULOS	MOZ	3519E 2200S	I	250	ND	75	H	3	
53	0	VILA COUTINHO	MOZ	3419E 1435S	I	250	ND	150	H	3	
53	8M	KIFFA	MTN	1124W 1637N	K	250	ND	300	H	3	
53	8P	L	MTN	0545W 1905N	K	250	ND	300	H	2	
53	8M	U	MTN	0747W 2613N	K	250	ND	300	H	2	
53	0	A	NGR	0335E 1520N	K	250	ND	300	V	3	
53	0	ANAYE	NGR	1254E 1919N	K	250	ND	300	H	2	
53	0	BOUMBA	NGR	0251E 1225N	K	250	ND	300	V	3	
53	0	KAGARA	NGR	1251E 1330N	K	250	ND	300	H	3	
53	0	MAGARIA II	NGR	0812E 1408N	K	250	ND	300	V	3	
53	0	W	NGR	1515E 1745N	K	250	ND	300	H	3	
53	0	ILESHA	NIG	0445E 0738N	I	250	ND	150	H	5	
53	8P	LUNDAZI	RHN	3310E 1215S	G	500	ND	150	H	3	
53	0	EL FACHER	SDN	2522E 1337N	H	200	ND	300	H	3	14
53	0	JOUBA	SDN	3135E 0450N	H	200	ND	300	H	5	14
53	0	OMDOURMAN	SDN	3220E 1530N	H	200	ND	300	H	3	14
53	0	OUADI HALFA	SDN	3110E 2205N	H	200	ND	300	H	2	14
53	0	FANAYE DIERI	SEN	1514W 1632N	K	100	ND	300	H	4	
53	8P	MBACKE	SEN	1555W 1448N	K	250	ND	300	H	4	
53	0	VELINGARA	SEN	1406W 1309N	K	500	D	300	H	4	74/113/187/25

1	2	3	4	5	6	7	8	9	10	11A	11B
53	0	LUNSAR	SRL	1203W 0841N	G	500	D	300	H	5	75/60/5
53	0	AM DAM	TCD	2028E 1246N	K	250	ND	300	H	3	
53	0	AOZOU	TCD	1725E 2150N	K	250	ND	300	H	2	
53	0	ATI	TCD	1820E 1314N	K	250	ND	300	H	3	
53	0	F	TCD	2149E 2004N	K	250	ND	300	H	2	
53	0	FADA	TCD	2130E 1712N	K	250	ND	300	H	3	
53	0	H	TCD	2347E 1753N	K	250	ND	300	H	3	
53	0	KOUMOGO	TCD	1816E 0840N	K	250	ND	300	H	5	
53	0	LARGEAU	TCD	1908E 1757N	K	250	ND	300	H	3	
53	0	LERE	TCD	1413E 0940N	K	250	D	300	H	5	74/180/240/25
53	0	MAO	TCD	1519E 1407N	K	250	ND	300	H	3	
53	0	MASSENYA	TCD	1610E 1124N	K	250	ND	300	H	3	
53	0	FAZAO	TGO	0046E 0842N	K	250	ND	300	H	5	
53	8P	FORT PORTAL	UGA	3020E 0040N	G	500	ND	300	H	3	
54	8M	BOSMANSKOP	AFS	2713E 2959S	I	1000	ND	300	H	6	
54	0	CRADOCK	AFS	2539E 3155S	I	1000	ND	400	H	6	
54	0	MONTAGU	AFS	2010E 3346S	I	10	ND	100	H	1	
54	8P	S17	AFS	1905E 2355S	I	1000	ND	300	H	2	
54	0	S57	AFS	1340E 1810S	I	1000	ND	300	H	2	
54	0	WOLMARANSTAD	AFS	2603E 2714S	I	1000	ND	300	H	6	
54	8P	SALVADOR	AGL	1415E 0616S	I	250	ND	150	H	3	
54	0	A	CAF	2435E 0745N	K	250	ND	300	H	5	
54	0	GADZI	CAF	1642E 0447N	K	250	ND	300	H	5	
54	0	IRMA BOUEKI	CAF	1623E 0509N	K	250	ND	300	H	5	
54	0	KOUKI	CAF	1718E 0710N	K	250	ND	300	H	5	
54	0	N	CAF	1915E 0850N	K	250	ND	300	H	5	
54	0	RAFAI	CAF	2358E 0459N	K	250	ND	300	H	5	
54	8M	ZINGA	CAF	1836E 0342N	K	250	ND	300	H	5	
54	8M	DAKWA	CGO	2631E 0401N	K	250	ND	300	H	5	
54	8M	FARADJE	CGO	2942E 0345N	K	250	ND	100	H	5	
54	0	GEMENA	CGO	1946E 0317N	K	250	ND	300	V	5	
54	8M	IDIOFA	CGO	1925E 0450S	K	250	ND	300	H	3	
54	8M	KOLE	CGO	2232E 0324N	K	250	ND	300	H	5	
54	0	KORET	CGO	2323E 0036N	K	250	ND	300	H	5	
54	8M	TSHABUTA	CGO	2307E 0742S	K	250	ND	300	H	3	
54	0	BARENKA	CME	1001E 0538N	K	250	ND	600	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
54	0	KOUMASI	CME	1159E 0319N	K	250	ND	300	H	5	
54	0	MAKARI	CME	1228E 1235N	K	250	ND	300	H	5	
54	0	MBIDOU	CME	1403E 0658N	K	250	ND	300	H	5	
54	0	MEIGANGA	CME	1416E 0633N	K	335	ND	300	H	5	
54	0	NKATNKONG	CME	1004E 0316N	K	100	ND	300	H	5	
54	0	YOKO	CME	1220E 0531N	K	250	ND	600	H	5	
54	8P	ZOUATOU	CME	1311E 0241N	K	250	ND	300	H	5	
54	0	ETOUMBI	COG	1458E 0001S	K	250	ND	300	H	5	
54	0	KAKAMOEKA	COG	1203E 0405S	K	250	ND	300	H	5	
54	0	LONGO	COG	1745E 0009N	K	250	ND	300	H	5	
54	0	MOYOYE	COG	1535E 0050N	K	250	ND	300	H	5	
54	0	NSAH	COG	1520E 0217S	K	250	ND	300	H	5	
54	8M	ZANAGA	COG	1350E 0252S	K	250	ND	300	H	5	
54	0	KOFFIKRO	CTI	0323W 0524N	K	250	ND	300	V	5	
54	0	KOUN ABROSSO	CTI	0317W 0727N	K	250	ND	600	H	5	
54	8M	LOKOSSA	DAH	0153E 0640N	K	250	ND	300	H	5	
54	0	PARAKOU	DAH	0238E 0920N	K	250	ND	300	H	5	
54	0	ABU ZENIMA	EGY	3215E 2904N	H	500	ND	150	H	2	
54	0	NAG HAMADI	EGY	3218E 2602N	H	500	ND	150	H	2	
54	8M	GHINNIR	ETH	4033E 0700N	G	250	ND	300	H	6	
54	0	YAVELLO	ETH	3806E 0454N	G	250	ND	600	H	6	
54	8P	BITAM	GAB	1129E 0204N	K	250	ND	300	H	5	
54	0	ETEKE	GAB	1157E 0126S	K	250	ND	300	H	5	
54	0	MYADHI	GAB	1312E 0113N	K	250	ND	300	H	5	
54	0	SAIAK	GAB	1320E 0205S	K	250	ND	300	V	5	
54	0	SINDARA	GAB	1039E 0102S	K	250	ND	300	H	5	
54	8M	BANTALA	GHA	0145W 0940N	K	50	ND	100	H	5	
54	8M	BATHURST	GMB	1640W 1325N	I	250	ND	300	H	4	
54	8M	SAN CARLOS	GNE	0834E 0327N	G	50	ND	150	H	5	
54	8P	DABOULAKOUNKA	GUI	1050W 1029N	K	250	ND	300	H	3	
54	0	KOLANGUI	GUI	1147W 1109N	K	250	ND	300	V	3	
54	8P	KOUNDIAN	GUI	0854W 1055N	K	250	ND	300	H	3	
54	0	MACENTA	GUI	0929W 0835N	K	250	ND	600	H	5	
54	8P	SANISSIA	GUI	1019W 1047N	K	250	ND	300	H	3	
54	8M	BITOU	HVO	0047W 1113N	K	335	ND	300	H	3	
54	0	GOUM	HVO	0227W 1130N	K	100	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
54	8P	KADIEL	HVO	0129W 1359N	K	250	ND	300	V	3	
54	8P	KANSEOGO	HVO	0025E 1140N	K	250	ND	300	H	3	
54	0	AMBALANIRANA	MDG	5000E 1351S	K	250	ND	600	H	3	
54	0	AMBATONDRAZAKA	MDG	4831E 1748S	K	250	ND	600	H	3	
54	0	AMBARARATA	MDG	4529E 2302S	K	250	ND	300	H	3	
54	0	ANDRIBA	MDG	4656E 1736S	K	250	ND	300	H	3	
54	0	ANDRAFIAVELO	MDG	4413E 1747S	K	250	ND	300	H	3	
54	0	ANKILILOAKA	MDG	4336E 2244S	K	250	ND	300	H	3	
54	0	ANOSIBE	MDG	4812E 1926S	K	250	ND	300	H	3	
54	0	ANTSOHIHY	MDG	4800E 1453S	K	250	ND	300	H	3	
54	0	BEZAVONA	MDG	4717E 2250S	K	250	ND	600	H	3	
54	0	ESIRA	MDG	4643E 2433S	K	250	ND	600	H	3	
54	0	HELL VILLE	MDG	4819E 1324S	K	250	ND	300	H	3	
54	0	MAVOFOTOTRA	MDG	4908E 1612S	K	250	ND	300	H	3	
54	0	MOHADONOKA	MDG	4756E 2051S	K	250	ND	600	H	3	
54	0	SOAVINANDRIANA	MDG	4643E 1910S	K	250	ND	300	H	3	
54	0	U	MDG	4614E 2108S	K	250	ND	300	H	3	
54	8M	ANSONGO	MLI	0030E 1540N	K	250	ND	300	H	3	
54	8M	BONBOTI	MLI	0855W 1337N	K	250	ND	300	H	3	
54	0	DIOLLI	MLI	0423W 1526N	K	250	ND	300	H	3	
54	0	DIOKA	MLI	1006W 1452N	K	25	ND	300	V	3	
54	0	E	MLI	0140W 2235N	K	250	ND	300	H	2	
54	8M	HOMBORI	MLI	0140W 1515N	K	250	ND	900	H	3	
54	0	KAYES	MLI	1125W 1423N	K	25	ND	600	V	3	
54	0	KORIENZTE	MLI	0347W 1524N	K	250	ND	300	H	3	
54	8M	KORO	MLI	0305W 1404N	K	50	ND	300	V	3	
54	8P	L	MLI	0030E 2030N	K	250	ND	300	H	2	
54	8M	LANFIERA	MLI	0409W 1330N	K	50	ND	300	H	3	
54	8M	N	MLI	0505W 1950N	K	250	ND	300	H	3	
54	8P	SIEBELA	MLI	0702W 1204N	K	250	ND	300	V	3	
54	8P	TAMANI	MLI	0654W 1332N	K	250	ND	300	H	3	
54	8M	TIEKOUNGOBA	MLI	0701W 1024N	K	250	ND	300	V	3	
54	0	BOULY	MTN	1148W 1519N	K	250	D	300	H	3	74/90/180/2,5
54	0	BEIBEI	NGR	0357E 1256N	K	250	ND	300	H	3	
54	0	H	NGR	1145E 2303N	K	250	ND	300	H	2	
54	0	IN SAMIA	NGR	0817E 1448N	K	250	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
54	0	NGUIGMI	NGR	1310E 1414N	K	250	ND	300	V	3	
54	0	MAKURDI	NIG	0836E 0743N	I	250	ND	150	H	5	
54	0	PITON DE SABLE	REU	5539E 2111S	K	50	ND	1200	H	4	
54	0	SAINT GILLES	REU	5515E 2102S	K	3	ND	300	H	4	
54	8M	INYANGA	RHS	3248E 1757S	G	500	ND	300	H	3	
54	0	TRIANGLE	RHS	3126E 2102S	G	500	ND	150	H	3	
54	8P	SEDO ABAS	SEN	1327W 1547N	K	100	ND	300	V	4	
54	0	ST LOUIS	SEN	1629W 1600N	K	100	ND	300	H	4	
54	0	TAMBACOUNDA	SEN	1341W 1347N	K	50	ND	300	V	4	
54	8P	HARGHEISA	SOM	4402E 0935N	G	1000	ND	480	H	2	
54	8M	ODDUR	SOM	4455E 0407N	G	10	ND	80	H	2	
54	0	BEISSA I	TCD	1537E 0845N	K	250	ND	300	H	5	
54	0	BITKINE	TCD	1813E 1159N	K	250	ND	300	H	3	
54	8P	FIANGA	TCD	1514E 0953N	K	250	ND	300	V	5	
54	0	KARAKA	TCD	2036E 1123N	K	250	ND	300	H	3	
54	0	KYABE	TCD	1857E 0927N	K	250	ND	300	H	5	
54	0	L	TCD	1900E 2140N	K	250	ND	300	H	2	
54	0	MEZAFEH	TCD	1516E 2305N	K	250	ND	300	H	2	
54	0	ZOUAR	TCD	1632E 2026N	K	250	ND	300	H	2	
54	0	MBEYA	TGK	3330E 0850S	I	500	ND	1200	H	3	
55	0	CRATER PASS	ADN	4502E 1247N	I	10	ND	150	H	4	13
55	8M	DEELFONTEIN	AFS	2356E 3107S	I	1000	ND	300	H	6	
55	0	KOMATIPOORT	AFS	3147E 2513S	I	1000	ND	200	H	3	
55	0	OUDTSHOORN	AFS	2213E 3339S	I	10	ND	100	H	6	
55	8P	PIET RETIEF	AFS	3043E 2716S	I	1000	ND	400	H	6	
55	8M	PIQUETBERG	AFS	1844E 3250S	I	1000	ND	200	H	1	
55	8M	S35	AFS	1620E 2025S	I	1000	ND	300	H	2	
55	0	S38	AFS	1908E 2035S	I	1000	ND	300	H	2	
55	8P	S40	AFS	1335E 1935S	I	1000	ND	300	H	2	
55	0	SKEURBERG	AFS	2215E 2815S	I	1000	ND	300	H	2	
55	8M	LOBITO	AGL	1338E 1241S	I	250	ND	300	H	3	
55	8P	BERBERATI	CAF	1534E 0403N	K	250	ND	300	H	5	
55	8M	BETANGAFO	CAF	1820E 0718N	K	250	ND	300	H	5	
55	0	BOUALA	CAF	1542E 0627N	K	100	ND	300	H	5	
55	0	GAMBO	CAF	2214E 0440N	K	250	ND	300	H	5	
55	8M	KAMBA ORO	CAF	1651E 0340N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
55	0	KOUANGO	CAF	1958E 0459N	K	250	ND	300	H	5	
55	0	SELIM	CAF	2346E 0534N	K	250	ND	300	H	5	
55	0	TOGBO	CAF	1728E 0600N	K	250	ND	300	H	5	
55	0	BAKWANGA	CGO	2535E 0609S	K	250	ND	300	H	3	
55	8M	BASOKO	CGO	2335E 0113N	K	250	ND	300	H	5	
55	0	BUSU MELO	CGO	2005E 0144N	K	250	ND	300	H	5	
55	8P	KILWA	CGO	2809E 0908S	K	250	ND	300	H	3	
55	0	OSHWE	CGO	1935E 0323S	K	250	ND	300	H	3	
55	0	SAKANIA	CGO	2831E 1241S	K	250	ND	300	H	3	
55	0	ADUKADU	CME	1509E 0735N	K	335	ND	300	H	5	
55	0	BETAREOYA	CME	1407E 0536N	K	250	ND	300	H	5	
55	0	DOUKOULA	CME	1458E 1007N	K	250	ND	300	H	5	
55	0	DPOUE	CME	1212E 0255N	K	250	ND	300	H	5	
55	0	KONTCHA	CME	1214E 0758N	K	335	ND	300	H	5	
55	0	MBONGE	CME	0905E 0433N	K	250	ND	300	H	5	
55	0	NSANAKANG	CME	0900E 0551N	K	335	ND	300	V	5	
55	0	YABASSI	CME	1000E 0435N	K	250	ND	300	H	5	
55	0	ZINA	CME	1458E 1116N	K	335	ND	300	H	5	
55	0	ENYELLE	COG	1802E 0250N	K	250	ND	300	H	5	
55	0	EWO	COG	1453E 0053S	K	250	ND	300	H	5	
55	0	IKELEMBA	COG	1630E 0112N	K	250	ND	300	H	5	
55	0	MOUYOUNDZI	COG	1357E 0400S	K	250	ND	300	H	5	
55	0	OMOI	COG	1310E 0254S	K	250	ND	300	H	5	
55	0	SOUANKE	COG	1408E 0204N	K	250	ND	300	H	5	
55	0	AHOUAJA	CTI	0430W 0527N	K	250	ND	300	V	5	
55	0	ALIEKRO	CTI	0631W 0759N	K	25	ND	300	H	5	
55	0	DABORA	CTI	0709W 0827N	K	125	ND	300	H	5	
55	8M	DANANE	CTI	0810W 0715N	K	250	ND	300	H	5	
55	0	KOROGHO	CTI	0539W 0927N	K	250	ND	300	H	5	
55	8M	SAN PEDRO	CTI	0638W 0444N	K	250	ND	300	V	5	
55	0	SAN	CTI	0625W 1023N	K	3	ND	300	V	5	
55	0	SOUBRE	CTI	0636W 0546N	K	250	ND	300	H	5	
55	0	TEKOUFOUBA	CTI	0312W 0841N	K	125	ND	300	H	5	
55	8M	GUENE	DAH	0313E 1144N	K	250	ND	300	H	3	
55	0	PABEGOU	DAH	0135E 0947N	K	250	ND	300	H	5	
55	8P	ALEXANDRIA	EGY	2935E 3102N	H	500	D	300	H	2	11 74/270/30/30

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones
55	0	GEMSA	EGY	3332E 2741N	H	500	ND	150	H	2	
55	0	KOM OMBO	EGY	3252E 2425N	H	500	ND	250	H	2	
55	8P	ZUQUALLA	ETH	3853E 0833N	G	1000	ND	1200	H	6	
55	0	AKARAN DJOR	GAB	1234E 0112N	K	250	ND	300	V	5	
55	0	BATANGA	GAB	0912E 0025S	K	250	ND	300	H	5	
55	0	LASTOURVILLE	GAB	1242E 0049S	K	250	ND	300	H	5	
55	0	LEMBAMBA	GAB	1132E 0209S	K	250	ND	300	V	5	
55	0	POTWIA	GHA	0015E 0720N	K	50	ND	120	V	5	
55	0	BANAMA	GUI	0944W 0933N	K	250	ND	600	H	5	
55	0	KOUBIKORO	GUI	1032W 0913N	K	250	ND	300	H	5	
55	8M	PELLAL	GUI	1222W 1145N	K	250	ND	600	H	3	
55	8M	TERMESSE	GUI	1248W 1216N	K	250	ND	600	H	3	
55	8M	BADINGA	HVO	0041E 1205N	K	250	ND	300	V	3	
55	0	BONDOUKUI	HVO	0346W 1151N	K	250	ND	300	H	3	
55	8P	KOLEL	HVO	0129W 1434N	K	250	ND	300	H	3	
55	8P	KONANKOTRA	HVO	0353W 1254N	K	250	ND	300	H	3	
55	0	OUAGADOUGOU	HVO	0131W 1221N	K	250	ND	300	H	3	
55	0	AMBONODRO	MDG	4550E 2512S	K	250	ND	300	H	3	
55	0	AMBATO BOENI	MDG	4643E 1628S	K	250	ND	300	H	3	
55	0	AMBONONDRONMBE	MDG	4619E 2328S	K	250	ND	600	H	3	
55	0	ANDROKA	MDG	4404E 2500S	K	250	ND	300	H	3	
55	0	ANDRANOFOTSY	MDG	4644E 2207S	K	250	ND	600	H	3	
55	0	ANTAFIANDAKANA	MDG	4836E 1610S	K	250	ND	300	H	3	
55	0	BETARATASY	MDG	4441E 2147S	K	250	ND	300	H	3	
55	0	KIRAROMENA	MDG	4603E 1817S	K	250	ND	150	H	3	
55	0	LOHAVOHITRA E	MDG	4746E 1834S	K	250	ND	600	H	3	
55	0	MALAIMBANDY	MDG	4536E 2022S	K	250	ND	300	H	3	
55	0	VONTOVORONA	MDG	4712E 1955S	K	25	ND	600	H	3	
55	0	BANAMBA	MLI	0727W 1333N	K	250	ND	300	H	3	
55	8M	BANDIAGARA	MLI	0337W 1421N	K	250	ND	300	V	3	
55	8M	GAO	MLI	0002W 1616N	K	250	ND	300	H	3	
55	0	KANIOUME	MLI	0309W 1548N	K	250	ND	300	H	3	
55	0	LERE	MLI	0455W 1543N	K	250	ND	300	H	3	
55	8M	NARA	MLI	0717W 1510N	K	250	ND	300	H	2	
55	8P	D	MTN	1237W 2324N	K	250	ND	300	H	4	

1	2	3	4	5	6	7	8	9	10	11A	11B
55	0	H	MTN	0536W 2505N	K	250	ND	300	H	2	
55	8P	J	MTN	0658W 2222N	K	250	ND	300	H	2	
55	8P	PT ETIENNE	MTN	1703W 2053N	K	250	ND	300	H	4	
55	0	SELIBABY	MTN	1208W 1514N	K	125	ND	300	V	4	
55	8P	T	MTN	1003W 2547N	K	250	ND	300	H	2	
55	0	KOKORO	NGR	0056E 1412N	K	250	ND	300	V	3	
55	0	P	NGR	0450E 1830N	K	250	ND	300	H	2	
55	0	TESSAOUA	NGR	0756E 1348N	K	250	ND	300	H	3	
55	0	ABEOKUTA	NIG	0321E 0710S	I	100	ND	150	H	5	
55	8P	LUETI	RHN	2220E 1555S	G	500	ND	150	H	3	
55	8P	MUMBWA	RHN	2710E 1452S	G	500	ND	150	H	3	
55	8P	NSEFU	RHN	3157E 1254S	G	500	ND	150	H	3	
55	0	LEGION MINE	RHS	2834E 2122S	G	500	ND	150	H	3	
55	8P	MT DARWIN	RHS	3137E 1652S	G	500	ND	150	H	3	
55	8M	MT KARISIMBI	RRW	2929E 0132S	K	25	ND	2400	H	5	
55	8P	AERE LAO	SEN	1420W 1624N	K	50	ND	300	V	4	
55	8M	KAOLACK	SEN	1607W 1410N	K	250	ND	300	V	4	
55	0	KOLDA	SEN	1459W 1254N	K	50	ND	300	H	4	
55	8M	DUSA MAREB	SOM	4625E 0530N	G	1	ND	80	H	2	
55	0	ADRE	TCD	2211E 1327N	K	250	ND	300	H	3	
55	0	B	TCD	1532E 1636N	K	250	ND	300	V	3	
55	0	BEDAIDA	TCD	1617E 0805N	K	100	ND	300	V	5	
55	0	BOKORO	TCD	1703E 1223N	K	250	ND	300	V	3	
55	0	DJIMEZ	TCD	2158E 1157N	K	250	ND	300	H	3	
55	0	KIEKE	TCD	1939E 1033N	K	250	ND	300	H	3	
55	0	MOUTOGO	TCD	1846E 0829N	K	250	ND	300	V	5	
55	0	DAR ES SALAAM	TGK	3915E 0650S	I	500	ND	150	H	3	
55	0	MWANZA	TGK	3250E 0230S	I	500	ND	300	H	3	
55	8P	KRA	TGO	0121E 0720N	K	250	ND	300	H	5	
56	0	CLEWER	AFS	2908E 2556S	I	1000	ND	300	H	6	
56	0	LUDERITZ	AFS	1520E 2640S	I	1000	ND	300	H	2	
56	8P	PRIESKA	AFS	2241E 3005S	I	1000	ND	300	H	6	
56	8M	S44	AFS	1740E 1940S	I	1000	ND	300	H	2	
56	0	S47	AFS	2040E 1945S	I	1000	ND	300	H	2	
56	8P	S50	AFS	1400E 1850S	I	1000	ND	300	H	2	
56	8P	SENEKAL	AFS	2731E 2816S	I	1000	ND	300	H	6	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones
56	8M	T118	AFS	3047E 2351S	I	1000	ND	300	H	6	
56	8M	ZEERUST	AFS	2551E 2542S	I	1000	ND	300	H	6	
56	8P	DUNDO	AGL	2051E 0720S	I	250	ND	75	H	3	
56	0	LUANDA	AGL	1318E 0847S	I	250	ND	150	H	3	
56	8P	MALANGE	AGL	1620E 0931S	I	250	ND	150	H	3	
56	0	GHANZI	BCH	2330E 2200S	I	100	ND	300	H	2	
56	8P	BOUROURI	BDI	2936E 0357S	K	50	ND	100	H	5	14
56	0	BOZOUM	CAF	1624E 0620N	K	250	ND	300	H	5	
56	0	DANGOUYA	CAF	2230E 0625N	K	250	ND	300	H	5	
56	0	DJEMA	CAF	2515E 0608N	K	250	ND	300	H	5	
56	0	OUANDA DJALE	CAF	2246E 0853N	K	250	ND	300	V	5	
56	8M	BANZYVILLE	CGO	2110E 0418N	K	250	ND	300	H	5	
56	8M	BOENDE	CGO	2057E 0019S	K	250	ND	300	H	3	
56	0	BOMBOMA	CGO	1900E 0218N	K	250	ND	300	V	5	
56	0	BONDO	CGO	2348E 0340N	K	250	ND	300	H	5	
56	0	BUKAMA	CGO	2550E 0912S	K	250	ND	300	H	3	
56	8P	DEKESE	CGO	2123E 0325S	K	250	ND	300	H	3	
56	8M	GOMBARI	CGO	2903E 0243N	K	250	ND	300	H	5	
56	8M	GUNGU	CGO	1919E 0544S	K	250	ND	300	H	3	
56	8P	KAPANGA KWANGO	CGO	1703E 0508S	K	250	ND	300	H	3	
56	0	KASONGO TONGON	CGO	2632E 0429S	K	250	ND	300	H	3	
56	0	KINKENGE	CGO	1339E 0456S	K	250	ND	300	H	3	
56	8P	LOWA	CGO	2552E 0128S	K	250	ND	300	H	3	
56	0	LULUABOURG	CGO	2225E 0554S	K	250	ND	300	H	3	
56	8M	MANONO	CGO	2627E 0716S	K	250	ND	300	H	3	
56	0	IKENGE	CME	0955E 0515N	K	250	ND	300	H	5	
56	0	OKOLA	CME	1132E 0402N	K	250	ND	300	H	5	
56	0	YAGOUA	CME	1515E 1020N	K	335	ND	300	H	5	
56	0	YOKADOUMA	CME	1511E 0325N	K	335	ND	300	V	5	
56	0	BOMASSA	COG	1612E 0210N	K	250	ND	300	H	5	
56	0	DIVENIE	COG	1206E 0240S	K	250	ND	300	H	5	
56	0	IMPFONDO	COG	1803E 0140N	K	250	ND	300	H	5	
56	0	KELLE	COG	1430E 0004S	K	250	ND	300	H	5	
56	0	LOBOKO	COG	1640E 0042S	K	250	ND	300	H	5	
56	0	DABAKALA	CTI	0407W 0808N	K	250	ND	600	V	5	
56	0	EBIKRO	CTI	0309W 0544N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
56	0	KANORABA	CTI	0608W 0907N	K	250	ND	300	H	5	
56	0	DUNKASSA	DAH	0309E 1021N	K	250	ND	300	V	3	
56	8P	LOZI	DAH	0158E 0804N	K	250	ND	600	H	5	
56	8M	PT SAID	EGY	3211E 3110N	H	500	D	300	H	2	11 74/330/90/100
56	0	ASANDABO	ETH	3734E 0948N	G	250	ND	300	H	6	
56	8M	ASMARA	ETH	3856E 1521N	G	1000	ND	600	H	6	
56	8M	ASOSA	ETH	3441E 1024N	G	250	ND	300	H	6	
56	0	BOLOKO	GAB	1213E 0056N	K	250	ND	300	H	5	
56	0	COCOBEACH	GAB	0938E 0056N	K	250	ND	300	H	5	
56	0	ESSONE	GAB	1113E 0040N	K	250	ND	300	H	5	
56	8P	LEKONI	GAB	1414E 0135S	K	250	ND	300	H	5	
56	8P	MALIMBA 1	GAB	1038E 0203S	K	250	ND	300	H	5	
56	0	KUNTAUR	GMB	1450W 1332N	I	100	ND	300	H	4	
56	8M	BANANKO	GUI	0902W 0952N	K	250	ND	300	H	5	
56	0	BANANKORO	GUI	0920W 0908N	K	250	ND	300	H	5	
56	8M	GAOUAL	GUI	1311W 1141N	K	250	ND	600	H	3	
56	8P	KOUMSINIAKI	GUI	1302W 1034N	K	250	ND	300	H	3	
56	8P	MAMOU	GUI	1206W 1022N	K	250	ND	300	V	3	
56	0	MAMOUROUDOUGOU	GUI	0920W 0933N	K	250	ND	300	V	5	
56	8M	NZEREKORE	GUI	0849W 0743N	K	250	ND	300	H	5	
56	8M	SANOUYA	GUI	1106W 1009N	K	250	ND	600	H	3	
56	8M	SIRAMANIA	GUI	1048W 0934N	K	250	ND	300	H	5	
56	0	DIAKA	HVO	0020W 1259N	K	100	ND	300	H	3	
56	0	FO	HVO	0231W 1153N	K	100	ND	300	V	3	
56	8M	NOUMOUKIEDOUGO	HVO	0415W 0955N	K	335	ND	300	H	3	
56	8P	SISSAMBA	HVO	0228W 1331N	K	250	ND	300	H	3	
56	0	TIMBOROA	KEN	3530E 0005N	I	2000	ND	1200	H	3	
56	0	BUCHANAN	LBR	1003W 0553N	H	250	ND	100	H	4	
56	0	AMBODIMILONGA	MDG	4933E 1629S	K	250	ND	300	H	3	
56	0	AMBANDRAKELY	MDG	4752E 1631S	K	250	ND	300	H	3	
56	0	ANDRANOMAVO	MDG	4533E 1634S	K	100	ND	300	H	3	
56	0	ANTARATSY	MDG	4606E 2202S	K	250	ND	300	H	3	
56	0	ANTRAIKA	MDG	4751E 2136S	K	250	ND	600	H	3	
56	0	BELENGO	MDG	4433E 1830S	K	250	ND	300	H	3	
56	0	DABARA	MDG	4448E 2024S	K	250	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones
56	0	LOHAVOHITRA 0	MDG	4717E 1838S	K	250	ND	600	H	3	
56	0	MOROMBE	MDG	4322E 2145S	K	250	ND	300	H	3	
56	0	V	MDG	4634E 2005S	K	250	ND	600	H	3	
56	0	VOHITRARIVO	MDG	4825E 2010S	K	250	ND	300	H	3	
56	0	Z	MDG	4842E 1814S	K	250	ND	600	H	3	
56	8M	ARAOUANE	MLI	0330W 1855N	K	250	ND	300	H	2	
56	8P	BAMBA	MLI	0123W 1702N	K	250	ND	300	H	3	
56	8M	BOUTOUNGUISSI	MLI	1139W 1509N	K	250	ND	300	H	3	
56	8M	DARSALAM	MLI	1042W 1203N	K	250	ND	300	V	3	
56	8P	DEMEKE	MLI	1023W 1420N	K	250	ND	300	V	3	
56	0	GOUDJIKORO	MLI	0634W 1419N	K	250	ND	300	H	3	
56	0	GOUNDAM	MLI	0340W 1625N	K	250	ND	300	H	3	
56	8P	KOULIKORO	MLI	0733W 1254N	K	250	ND	300	H	3	
56	8P	SOSOBE TOGOURO	MLI	0441W 1434N	K	250	ND	300	H	3	
56	8M	TIEBELE	MLI	0501W 1252N	K	25	ND	300	H	3	
56	8M	YORO	MLI	0208W 1417N	K	250	ND	300	H	3	
56	0	PEBANE	MOZ	3807E 1720S	I	250	ND	75	H	5	
56	8P	V.JUNQUEIRO	MOZ	3659E 1528S	I	250	ND	150	H	3	
56	8M	VILANCULOS	MOZ	3519E 2200S	I	250	ND	75	H	3	
56	0	VILA COUTINHO	MOZ	3419E 1435S	I	250	ND	150	H	3	
56	0	AKJOUJT	MTN	1422W 1945N	K	250	ND	300	H	4	
56	8P	ALEG	MTN	1351W 1703N	K	250	ND	300	H	4	
56	8P	TIMBEDRA	MTN	0812W 1616N	K	250	ND	300	H	3	
56	0	FILINGUE	NGR	0319E 1421N	K	250	ND	300	H	3	
56	0	IN GALL	NGR	0656E 1647N	K	250	ND	300	H	3	
56	0	N	NGR	1410E 1550N	K	250	ND	300	V	3	
56	8P	NIAMEY	NGR	0206E 1331N	K	250	ND	300	V	3	
56	0	TAHOUA	NGR	0514E 1452N	K	250	ND	300	V	3	
56	8M	CALABAR	NIG	0819E 0458N	I	250	ND	150	H	5	
56	8P	NKAI	RHS	2852E 1838S	G	500	ND	150	H	3	
56	0	ABOU HAMED	SDN	3034E 1945N	H	200	ND	300	H	2	14
56	0	MONGALA	SDN	2950E 0455N	H	200	ND	300	H	5	14
56	8P	BRANSAN	SEN	1205W 1314N	K	250	D	300	H	4	74/200/300/50
56	8P	KELLE	SEN	1634W 1511N	K	250	ND	300	V	4	
56	8P	EHIL	SOM	4950E 0800N	G	2	ND	60	H	2	
56	8P	HAVELOCK	SWZ	3108E 2557S	I	50	ND	300	V	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
56	0	ABOUDEIA	TCD	1916E 1126N	K	250	ND	600	H	3	
56	0	BODO	TCD	1708E 0817N	K	250	ND	300	H	5	
56	0	EGUITIMMI	TCD	1619E 1548N	K	250	ND	300	H	3	
56	0	KELO	TCD	1548E 0925N	K	250	ND	300	V	5	
56	0	MANGUEIGNE	TCD	2119E 1031N	K	250	ND	300	H	3	
56	0	NGAMA	TCD	1710E 1147N	K	250	ND	300	V	3	
56	0	PANGA	TGO	0040E 1004N	K	100	ND	300	H	3	
56	0	FORT PORTAL	UGA	3020E 0040N	G	500	ND	300	H	3	
57	0	CRADOCK	AFS	2539E 3155S	I	1000	ND	400	H	6	
57	8P	MIDDELWIT	AFS	2710E 2449S	I	1000	ND	400	H	6	
57	0	MONTAGU	AFS	2010E 3346S	I	10	ND	100	H	1	
57	8P	S1	AFS	1800E 2820S	I	1000	ND	300	H	2	
57	0	S57	AFS	1340E 1810S	I	1000	ND	300	H	2	
57	0	BANGUI	CAF	1835E 0423N	K	250	ND	300	H	5	
57	0	CARNOT	CAF	1758E 0458N	K	250	ND	300	H	5	
57	0	DONGO	CAF	1825E 0742N	K	250	ND	300	H	5	
57	0	DJEM	CME	1210E 0701N	K	335	ND	300	H	5	
57	0	DSCHANG	CME	1015E 0527N	K	250	ND	300	H	5	
57	0	FT FOUREAU	CME	1502E 1205N	K	300	ND	300	V	5	
57	0	GAROUA	CME	1328E 0924N	K	250	ND	600	H	5	
57	0	MAKANE	CME	1335E 0655N	K	250	ND	300	H	5	
57	0	W	CME	1426E 0256N	K	335	ND	300	H	5	
57	0	BRAZZAVILLE	COG	1515E 0417S	K	250	ND	300	H	5	
57	0	H	COG	1410E 0235S	K	250	ND	300	H	5	
57	0	MAKOUA	COG	1538E 0000N	K	250	ND	300	H	5	
57	0	MPOUYA	COG	1612E 0237S	K	250	ND	300	H	5	
57	0	ADZOPE	CTI	0351W 0606N	K	250	ND	300	V	5	
57	0	TIETIEKRO	CTI	0536W 0700N	K	335	ND	600	H	5	
57	8P	ALAFIAROU	DAH	0224E 0901N	K	250	ND	300	H	5	
57	0	KANDI	DAH	0256E 1108N	K	250	ND	300	H	3	
57	0	ASYUT	EGY	3104E 2711N	H	500	ND	150	H	2	
57	8M	SUEZ	EGY	3218E 3000N	H	500	ND	300	H	2	11
57	0	ADI ARKAI	ETH	3758E 1332N	G	250	ND	600	H	6	
57	8P	KUMAD	ETH	3615E 1043N	G	250	ND	300	H	6	
57	0	KANKAN	GAB	1212E 0009S	K	250	ND	300	H	5	
57	0	GRODA	GUI	0916W 0813N	K	250	ND	600	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDE DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
57	8P	TELIMELE	GUI	1304W 1052N	K	250	ND	600	H	3	
57	8P	TIMBO	GUI	1149W 1039N	K	250	ND	300	H	3	
57	8P	BATIE	HVO	0255W 0953N	K	500	ND	300	H	3	
57	0	BEREGADOUGOU	HVO	0447W 1047N	K	250	ND	600	H	3	
57	8P	NYANGADO	HVO	0205W 1216N	K	250	ND	300	V	3	
57	8M	SANOGO	HVO	0028W 1143N	K	250	ND	300	V	3	
57	0	ANTONIBE	MDG	4724E 1507S	K	25	ND	300	H	3	
57	0	DABAN	MLI	0818W 1313N	K	250	ND	300	H	3	
57	8M	DOICHI	MLI	0811W 1459N	K	250	ND	300	H	3	
57	8P	G	MLI	0540W 2330N	K	250	ND	300	H	2	
57	8P	R	MLI	0035W 2140N	K	250	ND	300	H	3	
57	8P	MOCUBA	MOZ	3659E 1650S	I	250	ND	150	H	5	
57	0	BOUTILIMIT	MTN	1443W 1734N	K	250	ND	300	H	4	
57	8M	N	MTN	0542W 1703N	K	250	ND	300	H	3	
57	8M	BOULTOUM	NGR	1020E 1438N	K	250	ND	300	H	3	
57	0	S	NGR	0925E 2140N	K	250	ND	300	H	2	
57	0	SAY	NGR	0220E 1306N	K	250	ND	300	V	3	
57	0	TANOUT	NGR	0851E 1450N	K	250	ND	300	V	3	
57	8M	FORT JAMESON	RHN	3236E 1335S	G	500	ND	150	H	3	
57	8M	SESHEKE	RHN	2420E 1725S	G	500	ND	150	H	3	
57	0	YAMBIO	SDN	2821E 0434N	H	200	ND	300	H	5	14
57	0	DALAFI	SEN	1224W 1340N	K	250	ND	300	H	4	
57	0	MAKA	SEN	1417W 1340N	K	50	ND	300	V	4	
57	8P	TATAGUINE	SEN	1642W 1426N	K	50	ND	300	H	4	
57	0	DELEIBA	TCD	1958E 1118N	K	250	ND	300	H	3	
57	0	LAI	TCD	1622E 0924N	K	250	ND	300	H	5	
57	0	MBEYA	TGK	3330E 0850S	I	500	ND	1200	H	3	
57	0	ATTITOGON	TGO	0140E 0625N	K	250	ND	300	H	5	
57	0	MT BOUNDJOUARE	TGO	0018E 1048N	K	250	ND	300	H	3	
57	8P	SABARAGANDE	TGO	0120E 0859N	K	250	ND	300	H	5	
58	0	CRATER PASS	ADN	4502E 1247N	I	10	ND	150	H	4	13
58	0	KOMATIPOORT	AFS	3147E 2513S	I	1000	ND	200	H	3	
58	8M	P.ALBERT ROAD	AFS	2145E 3257S	I	1000	ND	300	H	6	
58	8P	PIQUETBERG	AFS	1844E 3250S	I	1000	ND	200	H	1	
58	8P	S40	AFS	1335E 1935S	I	1000	ND	300	H	2	
58	8M	S64	AFS	2030E 1802S	I	1000	ND	300	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
58	8M	SKEURBERG	AFS	2215E 2815S	I	1000	ND	300	H	2	
58	8M	WELVERDIEND	AFS	2715E 2626S	I	1000	ND	300	H	6	
58	8M	NOVA LISBOA	AGL	1531E 1246S	I	250	ND	600	H	3	
58	8P	BANGURU	CGO	2710E 0030N	K	250	ND	300	H	5	
58	8P	BASANKUSU	CGO	1946E 0113N	K	250	ND	300	H	5	
58	8M	BIKORO	CGO	1808E 0040S	K	250	ND	300	H	3	
58	8M	BUKAVU	CGO	2852E 0220S	K	250	ND	300	H	3	
58	0	BUSINGA	CGO	2058E 0316N	K	250	ND	300	H	5	
58	8M	KABONGO	CGO	2535E 0720S	K	250	ND	300	H	3	
58	8M	KWAMOUTH	CGO	1612E 0311S	K	250	ND	300	H	3	
58	8M	LOKANDU	CGO	2544E 0234S	K	250	ND	300	H	3	
58	8P	LOMELA	CGO	2316E 0218S	K	250	ND	300	H	3	
58	8P	LUANIKA	CGO	1425E 0535S	K	250	ND	300	H	3	
58	0	LUBEFU	CGO	2425E 0448S	K	250	ND	300	H	3	
58	0	LUSHIKO	CGO	2000E 0658S	K	250	ND	300	H	3	
58	0	MONKOTO	CGO	2035E 0138S	K	250	ND	300	H	3	
58	8P	MUKANA	CGO	2711E 0918S	K	250	ND	300	H	3	
58	0	STANLEYVILLE	CGO	2511E 0030N	K	250	ND	300	H	5	
58	0	BIBINDA	CME	1226E 0330N	K	250	ND	300	H	5	
58	0	N	CME	1545E 0241N	K	250	ND	300	H	5	
58	0	REY BOUBA	CME	1412E 0841N	K	250	ND	300	H	5	
58	0	ANJOUAN N	COM	4425E 1217S	K	100	ND	1600	H	4	
58	0	KALOA	CTI	0603W 1000N	K	25	ND	300	V	5	
58	8P	KETOU	DAH	0235E 0725N	K	335	ND	300	H	5	
58	0	WE WE	DAH	0238E 0923N	K	250	ND	300	H	5	
58	8M	ALEXANDRIA	EGY	2935E 3102N	H	500	D	300	H	2	11 74/270/30/30
58	0	BAWITI	EGY	2850E 2822N	H	500	ND	150	H	2	
58	0	ISNA	EGY	3230E 2517N	H	500	ND	150	H	2	
58	0	TOR	EGY	3339E 2814N	H	500	ND	150	H	2	
58	8P	BAHR DAR	ETH	3727E 1120N	G	250	ND	600	H	6	
58	8M	GHIMBI	ETH	3549E 0911N	G	250	ND	300	H	6	
58	8M	NEGHELLI	ETH	3915E 0619N	G	250	ND	600	H	6	
58	8M	OM HAGER	ETH	3639E 1418N	G	250	ND	150	H	6	
58	8P	ZUQUALLA	ETH	3853E 0833N	G	1000	ND	1200	H	6	
58	0	MINA	GAB	1301E 0002N	K	250	ND	300	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5		6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora		Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
58	0	MOUKAMBO	GAB	1139E	0305S	K	250	ND	300	H	5	
58	0	NZELA	GAB	1236E	0057S	K	250	ND	300	H	5	
58	0	MANSA KONKO	GMB	1535W	1325N	I	250	ND	300	V	4	
58	8M	DIARAKOUROU	GUI	0831W	1038N	K	250	ND	300	V	3	
58	8P	KANKAN	GUI	0932W	1014N	K	250	ND	600	H	3	
58	0	SERIDOUGOU	GUI	0824W	0853N	K	250	ND	300	V	5	
58	0	SORIBADOUGOU	GUI	0825W	0912N	K	250	ND	300	H	5	
58	0	DIEBOUGOU	HVO	0315W	1058N	K	100	ND	300	H	3	
58	0	MOMBASA	KEN	3940E	0403S	I	1000	ND	150	H	3	
58	8M	MONROVIA	LBR	1049W	0619N	H	500	ND	100	V	4	
58	0	AMBATO/FINANDR	MDG	4647E	2031S	K	250	ND	300	H	3	
58	0	ANDEVORANTO	MDG	4905E	1857S	K	250	ND	300	H	3	
58	0	ANKAZOABE	MDG	4430E	2219S	K	250	ND	300	H	3	
58	0	ANKEBOTSY	MDG	4553E	2400S	K	250	ND	300	H	3	
58	0	ANKAVANDRA	MDG	4521E	1848S	K	250	ND	600	H	3	
58	0	ANTOKONOSY	MDG	4733E	2347S	K	250	ND	300	H	3	
58	0	B.MAKOTOALANA	MDG	4841E	1436S	K	100	ND	300	H	3	
58	0	MANIVALO SUD	MDG	4621E	2227S	K	250	ND	600	H	3	
58	0	MAVOFOTOTRA	MDG	4908E	1612S	K	250	ND	300	H	3	
58	0	SAKOAMADINOKA	MDG	4801E	1712S	K	250	ND	300	H	3	
58	0	TANANARIVE	MDG	4731E	1856S	K	2	ND	300	H	3	
58	8P	BAKOUROUFATA	MLI	1042W	1325N	K	250	ND	300	H	3	
58	8P	BAMBARAMAOUNDE	MLI	0246W	1551N	K	250	ND	300	H	3	
58	0	BOUROUKOU	MLI	1113W	1402N	K	250	ND	300	H	3	
58	8P	D	MLI	0045W	2050N	K	250	ND	300	H	2	
58	0	DIALAYE	MLI	0331W	1339N	K	50	ND	300	H	3	
58	8P	DORO	MLI	0051W	1609N	K	250	ND	300	H	3	
58	8M	F	MLI	0255W	2255N	K	250	ND	300	H	2	
58	8P	FERITOUMOU	MLI	0759W	1213N	K	250	ND	300	V	3	
58	8P	GAKOU	MLI	0902W	1509N	K	250	ND	300	H	3	
58	0	K	MLI	0425W	1750N	K	250	ND	300	V	2	
58	8P	KE MACINA	MLI	0521W	1358N	K	250	ND	300	H	3	
58	8P	KIDAL	MLI	0120E	1825N	K	250	ND	300	H	2	
58	8M	KOLOKANI	MLI	0802W	1335N	K	250	ND	300	H	3	
58	8M	KOURAGUE	MLI	1003W	1220N	K	250	ND	600	V	3	
58	0	MOLODO	MLI	0602W	1414N	K	250	ND	300	V	3	

1	2	3	4	5		6	7	8	9	10	11A	11B
58	8M	TIANAME	MLI	0008E	1602N	K	250	ND	300	H	3	
58	0	YELIMANE	MLI	1034W	1507N	K	250	ND	300	V	3	
58	8M	VASCO DA GAMA	MOZ	3222E	1500S	I	250	ND	150	H	3	
58	0	CHINGUETTI	MTN	1222W	2029N	K	250	ND	300	H	4	
58	0	E	MTN	1105W	2555N	K	250	ND	300	H	2	
58	8M	F	MTN	0827W	2540N	K	250	ND	300	H	2	
58	0	K	MTN	0546W	2040N	K	250	ND	300	H	2	
58	8M	O	MTN	0541W	1552N	K	125	D	300	H	3	74/130/200/10
58	8P	P	MTN	1604W	2103N	K	250	ND	300	H	4	
58	0	BENIN	NIG	0537E	0619N	I	250	ND	150	H	5	
58	0	PT HARCOURT	NIG	0701E	0451N	I	250	ND	150	H	5	
58	8M	FORT ROSEBERY	RHN	2853E	1110S	G	500	ND	150	H	3	
58	0	MATAMVE	RHS	3020E	2157S	G	500	ND	150	H	3	
58	8P	THIES	SEN	1657W	1446N	K	250	ND	300	H	4	
58	8M	BELET UEN	SOM	4511E	0445N	G	20	ND	100	H	2	
58	0	BO	SRL	1200W	0852N	G	100	ND	300	H	5	
58	0	BOUSSO	TCD	1625E	1029N	K	250	ND	300	H	3	
58	0	OUM HADJER	TCD	1938E	1316N	K	250	ND	300	H	3	
58	0	MWANZA	TGK	3250E	0230S	I	500	ND	300	H	3	
58	0	NIAMTOUGOU	TGO	0106E	0946N	K	250	ND	300	V	5	
58	0	LIRA	UGA	3255E	0210N	G	500	ND	150	H	3	
59	0	HOTSON	AFS	1849E	2905S	I	1000	ND	300	H	2	
59	8M	MIDDELPOS	AFS	2000E	3200S	I	1000	ND	300	H	6	
59	0	PHILIPPOLIS	AFS	2526E	3004S	I	1000	ND	300	H	6	
59	8M	S15	AFS	1655E	2402S	I	1000	ND	300	H	2	
59	0	S47	AFS	2040E	1945S	I	1000	ND	300	H	2	
59	8P	S50	AFS	1400E	1850S	I	1000	ND	300	H	2	
59	8M	TURFLOOP	AFS	2958E	2348S	I	1000	ND	500	H	6	
59	8P	WELKOM	AFS	2635E	2812S	I	1000	ND	300	H	6	
59	8M	ZEERUST	AFS	2551E	2542S	I	1000	ND	300	H	6	
59	8P	DUNDO	AGL	2051E	0720S	I	250	ND	75	H	3	
59	8P	KITORA	BDI	3025E	0240S	K	50	ND	100	H	5	14
59	0	BANGASSOU	CAF	2250E	0444N	K	250	ND	300	H	5	
59	0	BANGORAN	CAF	2021E	0810N	K	250	ND	300	H	5	
59	0	BANDJIO JOUTA	CAF	1452E	0431N	K	250	ND	300	H	5	
59	0	BOUAR	CAF	1531E	0556N	K	250	ND	300	H	5	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
59	0	C	CAF	2140E 0950N	K	250	ND	300	H	5	
59	0	MARALI	CAF	1810E 0603N	K	250	ND	300	H	5	
59	0	MOUKA	CAF	2146E 0717N	K	250	ND	300	H	5	
59	0	ZEMONGO	CAF	2455E 0707N	K	250	ND	300	H	5	
59	8P	BOLOMBA	CGO	1915E 0045N	K	250	ND	300	V	5	
59	8M	BONGO	CGO	1742E 0147S	K	250	ND	300	H	3	
59	8P	KABALO	CGO	2654E 0602S	K	250	ND	300	H	3	
59	8M	KONDOLOLE	CGO	2602E 0122N	K	250	ND	300	H	5	
59	0	LEOPOLDVILLE	CGO	1515E 0420S	K	250	ND	300	H	3	
59	0	LOKOLAMA	CGO	1953E 0234S	K	250	ND	300	H	3	
59	0	MAMBASA	CGO	2903E 0121N	K	250	ND	300	H	5	
59	8P	NIANGARA	CGO	2754E 0341N	K	250	ND	300	H	5	
59	0	BAMYANGA	CME	1304E 0643N	K	250	ND	300	H	5	
59	0	GIDJIBA	CME	1344E 0828N	K	250	ND	300	H	5	
59	0	LETA	CME	1400E 0415N	K	250	ND	300	H	5	
59	0	NTUI	CME	1138E 0427N	K	250	ND	300	H	5	
59	0	TALI	CME	0937E 0534N	K	250	ND	300	H	5	
59	8M	BOULOUPESSE	COG	1240E 0200S	K	250	ND	300	H	5	
59	0	EPENA	COG	1728E 0128N	K	250	ND	300	H	5	
59	0	MASSABE	COG	1200E 0459S	K	250	ND	300	H	5	
59	0	MOSSAKA	COG	1648E 0110S	K	250	ND	300	V	5	
59	0	ODZALA	COG	1440E 0038N	K	250	ND	300	H	5	
59	0	SOUFFLAY	COG	1453E 0203N	K	250	ND	300	H	5	
59	0	BAVE	CTI	0409W 0935N	K	250	ND	300	H	5	
59	0	KANI	CTI	0637W 0829N	K	250	ND	300	H	5	
59	0	KODIMASSOU	CTI	0438W 0553N	K	250	ND	300	H	5	
59	0	OUASSADOUGOU	CTI	0414W 0742N	K	250	ND	300	V	5	
59	0	TROPANO	CTI	0553W 0603N	K	250	ND	300	H	5	
59	8M	KEDEKOU	DAH	0150E 1041N	K	250	ND	300	H	3	
59	0	EL FAIYUM	EGY	3050E 2918N	H	500	ND	150	H	2	
59	0	QUSEIR	EGY	3416E 2607N	H	500	ND	150	H	2	
59	0	ASANDABO	ETH	3734E 0948N	G	250	ND	300	H	6	
59	8M	ASMARA	ETH	3856E 1521N	G	1000	ND	600	H	6	
59	8M	DOLO	ETH	4205E 0410N	G	250	ND	150	H	2	
59	8M	HOSSANA	ETH	3754E 0720N	G	250	ND	600	H	6	
59	8P	METEMMA	ETH	3610E 1257N	G	250	ND	600	H	6	
59	8M	SECOTA	ETH	3903E 1237N	G	250	ND	300	H	6	
59	0	ESSOM	GAB	1135E 0111N	K	250	ND	300	H	5	
59	0	LOUNGOUAGOU	GAB	1143E 0046S	K	250	ND	300	H	5	
59	0	MEDEGUE	GAB	1009E 0038N	K	250	ND	300	H	5	
59	0	MVOUI	GAB	1259E 0154N	K	250	ND	300	V	5	
59	8P	OKONDJA	GAB	1347E 0040S	K	250	ND	300	H	5	
59	8M	BODEZIA	GUI	0919W 0749N	K	250	ND	300	H	5	
59	0	BOKE	GUI	1418W 1056N	K	250	D	300	V	5	75/6/25
59	8M	KITIARA	GUI	1341W 1210N	K	250	ND	300	V	3	
59	8P	KOBELEA	GUI	1241W 1029N	K	250	ND	300	V	3	
59	8M	NAOURI	HVO	0106W 1104N	K	500	ND	300	H	3	
59	8P	PAMA	HVO	0040E 1119N	K	500	ND	300	H	3	
59	0	PISSILA	HVO	0049W 1310N	K	250	ND	300	H	3	
59	8P	SAMOROGOAN	HVO	0456W 1123N	K	100	ND	300	H	3	
59	8P	TOUGAN	HVO	0304W 1304N	K	250	ND	300	H	3	
59	0	AMBATO SAHAROF	MDG	5020E 1517S	K	250	ND	600	H	3	
59	0	ANJOZOROBE	MDG	4750E 1823S	K	250	ND	300	H	3	
59	0	ANTSATRANA MAN	MDG	4853E 1543S	K	250	ND	600	H	3	
59	0	ANTSATRANA	MDG	4904E 1426S	K	250	ND	600	H	3	
59	0	BEKITROHA	MDG	4500E 2115S	K	250	ND	300	H	3	
59	0	BELANITRA	MDG	4740E 1945S	K	250	ND	300	H	3	
59	0	BERAKETA	MDG	4425E 2206S	K	250	ND	300	H	3	
59	0	FOPOINA	MDG	4646E 2140S	K	250	ND	300	H	3	
59	0	FOULPOINTE	MDG	4930E 1741S	K	250	ND	300	H	3	
59	0	KARIANGA	MDG	4723E 2225S	K	200	ND	300	H	3	
59	0	MAINKIAMPANGON	MDG	4911E 1356S	K	250	ND	600	H	3	
59	0	MAROVOAY	MDG	4638E 1607S	K	250	ND	300	H	3	
59	0	MIANDRIVAZO	MDG	4530E 1931S	K	250	ND	300	H	3	
59	8M	DIEMA	MLI	0911W 1433N	K	250	ND	300	H	3	
59	8M	DOUENTZA	MLI	0258W 1458N	K	250	ND	600	H	3	
59	8P	GOURMA RHAROUS	MLI	0155W 1653N	K	250	ND	300	H	3	
59	8M	KOBA	MLI	0526W 1330N	K	250	ND	300	H	3	
59	8M	KOSSAYA	MLI	1059W 1231N	K	250	ND	300	V	3	
59	0	KOURTEKO	MLI	1144W 1403N	K	250	ND	300	V	3	
59	8M	MINANBA	MLI	0440W 1224N	K	250	ND	300	V	3	
59	8P	TOUGOUNI	MLI	0713W 1313N	K	250	ND	300	H	3	

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones
59	0	PEBANE	MOZ	3807E 1720S	I	250	ND	75	H	5	
59	0	VILA PERY	MOZ	3227E 1907S	I	250	ND	150	H	3	
59	8M	KIFFA	MTN	1124W 1637N	K	250	ND	300	H	3	
59	8P	L	MTN	0545W 1905N	K	250	ND	300	H	2	
59	8M	U	MTN	0747W 2613N	K	250	ND	300	H	2	
59	0	A	NGR	0335E 1520N	K	250	ND	300	H	3	
59	0	ANAYE	NGR	1254E 1919N	K	250	ND	300	H	2	
59	0	BOUMBA	NGR	0251E 1225N	K	250	ND	300	V	3	
59	8P	MAGARIA II	NGR	0812E 1408N	K	250	ND	300	V	3	
59	0	TAHOUA	NGR	0514E 1452N	K	250	ND	300	V	3	
59	0	W	NGR	1515E 1745N	K	250	ND	300	H	3	
59	8M	CALABAR	NIG	0819E 0458N	I	250	ND	150	H	5	
59	8M	SOKOTO PTA	NIG	0410E 1300N	I	250	ND	150	H	3	
59	0	KASEMPA	RHN	2547E 1323S	G	500	ND	150	H	3	
59	0	EL FACHER	SDN	2522E 1337N	H	200	ND	300	H	3	14
59	0	JOUBA	SDN	3135E 0450N	H	200	ND	300	H	5	14
59	0	OMDOURMAN	SDN	3220E 1530N	H	200	ND	300	H	3	14
59	0	OUADI HALFA	SDN	3110E 2205N	H	200	ND	300	H	2	14
59	0	FANAYE DIERI	SEN	1514W 1632N	K	100	ND	300	H	4	
59	8P	MBACKE	SEN	1555W 1448N	K	250	ND	300	H	4	
59	0	VELINGARA	SEN	1406W 1309N	K	150	D	300	H	4	74/113/187/25
59	8P	BRAVA	SOM	4402E 0107N	G	10	ND	40	H	2	
59	8P	UAR MEDO	SOM	4945E 1120N	G	2000	ND	1280	H	2	
59	0	LUNSAR	SRL	1203W 0841N	G	500	ND	300	H	5	
59	0	HAVELOCK	SWZ	3108E 2557S	I	50	ND	300	V	3	
59	0	AM DAM	TCD	2028E 1246N	K	250	ND	300	H	3	
59	0	AOZOU	TCD	1725E 2150N	K	250	ND	300	H	2	
59	0	ATI	TCD	1820E 1314N	K	250	ND	300	H	3	
59	0	F	TCD	2149E 2004N	K	250	ND	300	H	2	
59	0	H	TCD	2347E 1753N	K	250	ND	300	H	3	
59	0	KOUMOGO	TCD	1816E 0840N	K	250	ND	300	H	5	
59	0	LERE	TCD	1413E 0940N	K	250	D	300	H	5	74/180/240/25
59	0	MASSENYA	TCD	1610E 1124N	K	250	ND	300	H	3	
59	0	MTWARA	TGK	4010E 1020S	I	500	ND	300	H	3	
59	0	NJOMBE	TGK	3445E 0920S	I	500	ND	300	H	3	
59	0	FAZAO	TGO	0046E 0842N	K	250	ND	300	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
60	8M	LYDENBURG	AFS	3024E 2510S	I	10	ND	150	H	6	
60	8P	MIDDELWIT	AFS	2710E 2449S	I	1000	ND	400	H	6	
60	8P	S1	AFS	1800E 2820S	I	1000	ND	300	H	2	
60	8P	S21	AFS	1835E 2310S	I	1000	ND	300	H	2	
60	8P	S60	AFS	1630E 1805S	I	1000	ND	300	H	2	
60	8P	ALJUSTREL	AGL	1950E 1340S	I	250	ND	75	H	3	
60	0	A	CAF	2435E 0745N	K	250	ND	300	H	5	
60	0	IRMA BOUEKI	CAF	1623E 0509N	K	250	ND	300	H	5	
60	0	KOUKI	CAF	1718E 0710N	K	250	ND	300	H	5	
60	0	RAFAI	CAF	2358E 0459N	K	250	ND	300	H	5	
60	8P	DAKWA	CGO	2631E 0401N	K	250	ND	300	H	5	
60	8M	FARADJE	CGO	2942E 0345N	K	250	ND	100	H	5	
60	0	GEMENA	CGO	1946E 0317N	K	250	ND	300	H	5	
60	8M	IDIOFA	CGO	1925E 0450S	K	250	ND	300	H	3	
60	8M	KOLE	CGO	2232E 0324N	K	250	ND	300	H	5	
60	0	KORET	CGO	2323E 0036N	K	250	ND	300	H	5	
60	0	PANGI	CGO	2638E 0315S	K	250	ND	300	H	3	
60	8M	TSHABUTA	CGO	2307E 0742S	K	250	ND	300	H	3	
60	0	KOUMASI	CME	1159E 0319N	K	250	ND	300	H	5	
60	0	MAKARI	CME	1228E 1235N	K	250	ND	300	H	5	
60	0	MBIDOU	CME	1403E 0658N	K	250	ND	300	H	5	
60	0	NKATNKONG	CME	1004E 0316N	K	100	ND	300	H	5	
60	0	YOKO	CME	1220E 0531N	K	250	ND	600	H	5	
60	8P	ZOUATOU	CME	1311E 0241N	K	250	ND	300	H	5	
60	0	KAKAMOEKA	COG	1203E 0405S	K	250	ND	300	H	5	
60	0	LONGO	COG	1745E 0009N	K	250	ND	300	H	5	
60	0	MOYOYE	COG	1535E 0050N	K	250	ND	300	H	5	
60	0	NSAH	COG	1520E 0217S	K	250	ND	300	H	5	
60	0	KOUN ABROSSO	CTI	0317W 0727N	K	250	ND	600	V	5	
60	8M	LOKOSSA	DAH	0153E 0640N	K	250	ND	300	V	5	
60	0	PARAKOU	DAH	0238E 0920N	K	250	ND	300	H	5	
60	0	BARIS	EGY	3037E 2440N	H	500	ND	150	H	2	
60	0	EL QUSIYA	EGY	3050E 2726N	H	500	ND	150	H	2	
60	8M	SUEZ	EGY	3218E 3000N	H	500	ND	300	H	2	11
60	0	ADI ARKAI	ETH	3758E 1332N	G	250	ND	600	H	6	
60	8P	KUMAD	ETH	3615E 1043N	G	250	ND	300	H	6	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

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60	0	ETEKE	GAB	1157E 0126S	K	250	ND	300	H	5	
60	0	MYADHI	GAB	1312E 0113N	K	250	ND	300	H	5	
60	0	SAIAK	GAB	1320E 0205S	K	250	ND	300	H	5	
60	0	SINDARA	GAB	1039E 0102S	K	250	ND	300	H	5	
60	8P	FUNSI	GHA	0200W 1017N	K	50	ND	100	H	5	
60	0	PRANG	GHA	0050W 0800N	K	50	ND	120	H	5	
60	8P	WIAWSO	GHA	0229W 0616N	K	50	ND	120	H	5	
60	8M	BATHURST	GMB	1640W 1325N	I	250	ND	300	H	4	
60	0	DABOULAKOUNKA	GUI	1050W 1029N	K	250	ND	300	H	3	
60	0	KOLANGUI	GUI	1147W 1109N	K	250	ND	300	H	3	
60	8P	SANISSIA	GUI	1019W 1047N	K	250	ND	300	H	3	
60	0	GOUM	HVO	0227W 1130N	K	250	ND	300	V	3	
60	8P	KANSEOGO	HVO	0025E 1140N	K	250	ND	300	H	3	
60	0	AMBARARATA	MDG	4529E 2302S	K	250	ND	300	H	3	
60	0	AMBALANIRANA	MDG	5000E 1351S	K	250	ND	600	H	3	
60	0	AMBATONDRAZAKA	MDG	4831E 1748S	K	250	ND	600	H	3	
60	0	ANDRAFIAVELO	MDG	4413E 1747S	K	250	ND	300	H	3	
60	0	ANDRIBA	MDG	4656E 1736S	K	250	ND	300	H	3	
60	0	ANKILILOAKA	MDG	4336E 2244S	K	250	ND	300	H	3	
60	0	ANOSIBE	MDG	4812E 1926S	K	250	ND	300	H	3	
60	0	ANTSOHIHY	MDG	4800E 1453S	K	250	ND	300	H	3	
60	0	BEZAVONA	MDG	4717E 2250S	K	250	ND	600	H	3	
60	0	ESIRA	MDG	4643E 2433S	K	250	ND	600	H	3	
60	0	HELL VILLE	MDG	4819E 1324S	K	250	ND	300	H	3	
60	0	MOHADONOKA	MDG	4756E 2051S	K	250	ND	600	H	3	
60	0	SOAVINANDRIANA	MDG	4643E 1910S	K	250	ND	300	H	3	
60	0	U	MDG	4614E 2108S	K	250	ND	300	H	3	
60	8M	ANSONGO	MLI	0030E 1540N	K	250	ND	300	H	3	
60	8M	BONBOTI	MLI	0855W 1337N	K	250	ND	300	H	3	
60	0	DIOKA	MLI	1006W 1452N	K	25	ND	300	V	3	
60	0	DIOLLI	MLI	0423W 1526N	K	250	ND	300	H	3	
60	0	E	MLI	0140W 2235N	K	250	ND	300	H	2	
60	8M	HOMBORI	MLI	0140W 1515N	K	250	ND	900	H	3	
60	0	KAYES	MLI	1125W 1423N	K	25	ND	600	V	3	
60	0	KORIENZTE	MLI	0347W 1524N	K	250	ND	300	H	3	
60	8M	KORO	MLI	0305W 1404N	K	250	ND	300	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
60	8M	L	MLI	0030E 2030N	K	250	ND	300	H	2	
60	8M	LANFIERA	MLI	0409W 1330N	K	250	ND	300	H	3	
60	0	N	MLI	0505W 1950N	K	250	ND	300	H	3	
60	8P	SIEBELA	MLI	0702W 1204N	K	250	ND	300	H	3	
60	0	TAMANI	MLI	0654W 1332N	K	250	ND	300	H	3	
60	8M	TIEKOUNGOBA	MLI	0701W 1024N	K	250	ND	300	H	3	
60	8P	MOCUBA	MOZ	3659E 1650S	I	250	ND	150	H	5	
60	0	BOULY	MTN	1148W 1519N	K	250	D	300	H	3	74/90/180/2,5
60	0	KADUNA	NIG	0726E 1033N	I	250	ND	150	H	5	
60	0	LIVINGSTONIA	NYA	3355E 1030S	G	500	ND	150	H	3	
60	0	PITON DF SABLE	REU	5539E 2111S	K	50	ND	1200	H	4	
60	0	SAINT GILLES	REU	5515E 2102S	K	3	ND	300	H	4	
60	8M	CHOMA	RHN	2658E 1645S	G	500	ND	150	H	3	
60	8M	SOLWEZI	RHN	2625E 1210S	G	500	ND	150	H	3	
60	0	COPPER QUEEN	RHS	2920E 1722S	G	500	ND	150	H	3	
60	8P	INYANGA	RHS	3248E 1757S	G	500	ND	300	H	3	
60	8P	SEDO ABAS	SEN	1327W 1547N	K	100	ND	300	V	4	
60	0	ST LOUIS	SEN	1629W 1600N	K	100	ND	300	H	4	
60	0	TAMBACOUNDA	SEN	1341W 1347N	K	50	ND	300	V	4	
60	0	ITALA	SOM	4620E 0247N	G	5	ND	40	H	2	
60	0	BITKINE	TCD	1813E 1159N	K	250	ND	300	H	3	
60	8P	FIANGA	TCD	1514E 0953N	K	250	ND	300	V	5	
60	0	KARAKA	TCD	2036E 1123N	K	250	ND	300	H	3	
60	0	KYABE	TCD	1857E 0927N	K	250	ND	300	H	5	
60	0	L	TCD	1900E 2140N	K	250	ND	300	H	2	
60	0	MEZAFEH	TCD	1516E 2305N	K	250	ND	300	H	2	
60	0	ZOUAR	TCD	1632E 2026N	K	250	ND	300	H	2	
60	0	KIGOMA	TGK	2940E 0450S	I	500	ND	300	H	3	
60	0	MASAKA	UGA	3145E 0020S	G	500	ND	150	H	3	
61	8M	ALIWAL NORTH	AFS	2642E 3057S	I	1000	ND	500	H	6	
61	0	BRANDVLEI	AFS	2026E 3006S	I	1000	ND	300	H	2	
61	8M	P.ALBERT ROAD	AFS	2145E 3257S	I	1000	ND	300	H	6	
61	8M	S64	AFS	2030E 1802S	I	1000	ND	300	H	2	
61	0	WARRENTON	AFS	2515E 2816S	I	1000	ND	300	H	6	
61	8M	WELVERDIEND	AFS	2715E 2626S	I	1000	ND	300	H	6	
61	8M	CUITO QUANAVAL	AGL	1856E 1456S	I	250	ND	75	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
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61	8M	NOVA LISBOA	AGL	1531E 1246S	I	250	ND	600	H	3	
61	0	BERBERATI	CAF	1534E 0403N	K	250	ND	300	H	5	
61	8M	BETANGAFO	CAF	1820E 0718N	K	250	ND	300	H	5	
61	0	GAMBO	CAF	2214E 0440N	K	250	ND	300	H	5	
61	0	TOGBO	CAF	1728E 0600N	K	250	ND	300	H	5	
61	0	AOUKAOU	CME	1509E 0735N	K	335	ND	300	H	5	
61	0	BETAREOYA	CME	1407E 0536N	K	250	ND	300	H	5	
61	0	KONTCHA	CME	1214E 0758N	K	335	ND	300	H	5	
61	0	YABASSI	CME	1000E 0435N	K	250	ND	300	H	5	
61	0	ZINA	CME	1458E 1116N	K	335	ND	300	H	5	
61	0	ENYELLE	COG	1802E 0250N	K	250	ND	300	H	5	
61	0	EWO	COG	1453E 0053S	K	250	ND	300	H	5	
61	0	IKELEMBA	COG	1630E 0112N	K	250	ND	300	H	5	
61	0	OMOI	COG	1310E 0254S	K	250	ND	300	H	5	
61	0	SOUANKE	COG	1406E 0204N	K	250	ND	300	H	5	
61	0	AHOUAJA	CTI	0430W 0527N	K	250	ND	300	V	5	
61	0	ALIEKRO	CTI	0631W 0759N	K	25	ND	300	H	5	
61	0	DABORA	CTI	0709W 0827N	K	125	ND	300	H	5	
61	8M	SAN PEDRO	CTI	0638W 0444N	K	250	ND	300	V	5	
61	0	SAN	CTI	0625W 1023N	K	3	ND	300	V	5	
61	0	SOUBRE	CTI	0636W 0546N	K	250	ND	300	H	5	
61	8P	ASSAB	ETH	4245E 1301N	G	250	ND	150	H	4	
61	8P	BAHR DAR	ETH	3727E 1120N	G	250	ND	600	H	6	
61	0	GABRE DARRE	ETH	4416E 0645N	G	250	ND	300	H	2	
61	8M	GHIMBI	ETH	3549E 0911N	G	250	ND	300	H	6	
61	8M	NEGHELLI	ETH	3915E 0619N	G	250	ND	600	H	6	
61	8M	OM HAGER	ETH	3639E 1418N	G	250	ND	150	H	6	
61	0	KANGO	GAB	1005E 0011N	K	250	ND	300	H	5	
61	0	LASTOURVILLE	GAB	1242E 0049S	K	250	ND	300	H	5	
61	0	LEMBAMBA	GAB	1132E 0209S	K	250	ND	300	V	5	
61	0	PELLAL	GUI	1222W 1145N	K	250	ND	600	H	3	
61	8M	VASCO DA GAMA	MOZ	3222E 1500S	I	250	ND	150	H	3	
61	0	BENIN	NIG	0537E 0619N	I	250	ND	150	H	5	
61	0	PT HARCOURT	NIG	0701E 0451N	I	250	ND	150	H	5	
61	8P	KATABA	RHN	2508E 1605S	G	500	ND	150	H	3	
61	0	LUETI	RHN	2220E 1555S	G	500	ND	150	H	3	

1	2	3	4	5	6	7	8	9	10	11A	11B
61	0	MUMBWA	RHN	2710E 1452S	G	500	ND	150	H	3	
61	0	NSEFU	RHN	3157E 1254S	G	500	ND	150	H	3	
61	8M	LEGION MINE	RHS	2834E 2122S	G	500	ND	150	H	3	
61	0	MATAMVE	RHS	3020E 2157S	G	500	ND	150	H	3	
61	0	MT DARWIN	RHS	3137E 1652S	G	500	ND	150	H	3	
61	8M	MT KARISIMBI	RRW	2929E 0132S	K	25	ND	2400	H	5	
61	8M	ISCIA BAIDOA	SOM	4340E 0308N	G	2000	ND	320	H	2	
61	0	SCUSCIUBAN	SOM	5015E 1015N	G	2	ND	85	H	2	
61	0	ADRE	TCD	2211E 1327N	K	250	ND	300	H	3	
61	0	KIEKE	TCD	1939E 1033N	K	250	ND	300	H	3	
61	0	MOUTOGO	TCD	1846E 0829N	K	250	ND	300	V	5	
61	0	LIRA	UGA	3255E 0210N	G	500	ND	150	H	3	
62	8P	BEDFORD	AFS	2603E 3239S	I	1000	ND	350	H	6	
62	8M	GLENCOE	AFS	2956E 2809S	I	1000	ND	300	H	3	
62	0	HOTSON	AFS	1849E 2905S	I	1000	ND	300	H	2	
62	0	KURUMAN	AFS	2328E 2725S	I	1000	ND	300	H	2	
62	8M	LOUISTRICHARDT	AFS	2953E 2301S	I	10	ND	450	H	6	
62	8M	MIDDELPOS	AFS	2000E 3200S	I	1000	ND	300	H	6	
62	8M	PHILIPPOLIS	AFS	2526E 3004S	I	1000	ND	300	H	6	
62	8M	S15	AFS	1655E 2402S	I	1000	ND	300	H	2	
62	8P	S30	AFS	1835E 2130S	I	1000	ND	300	H	2	
62	8M	S52	AFS	1707E 1856S	I	1000	ND	300	H	2	
62	0	THREE SISTERS	AFS	2309E 3156S	I	1000	ND	300	H	6	
62	0	LUANDA	AGL	1316E 0847S	I	250	ND	150	H	3	
62	8M	MAQUELA ZOMBO	AGL	1507E 0603S	I	250	ND	150	H	3	
62	0	LOBATSI	BCH	2535E 2515S	I	100	ND	300	H	2	
62	8M	DOLO	ETH	4205E 0410N	G	250	ND	150	H	2	
62	8P	HARRAR	ETH	4204E 0908N	G	500	ND	600	H	6	
62	8M	HOSSANA	ETH	3754E 0720N	G	250	ND	600	H	6	
62	8P	METEMMA	ETH	3610E 1257N	G	250	ND	600	H	6	
62	8M	SECOTA	ETH	3903E 1237N	G	250	ND	300	H	6	
62	0	KISI	GHA	0130W 0506N	K	50	ND	200	H	5	
62	0	TAMALE	GHA	0050W 0928N	K	50	ND	120	H	5	
62	0	MT ELGON	KEN	3440E 0105N	I	2000	ND	1200	H	3	
62	0	BUCHANAN	LBR	1003W 0553N	H	250	ND	100	H	4	
62	0	VILA PERY	MOZ	3227E 1907S	I	250	ND	150	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones

1	2	3	4	5	6	7	8	9	10	11A	11B
62	0	KATSINA	NIG	0736E 1300N	I	250	ND	150	H	3	
62	0	MAIDUGURI	NIG	1305E 1151N	I	250	ND	150	H	3	
62	8M	CHIROMO	NYA	3505E 1630S	G	500	ND	150	H	3	
62	8M	ABERCORN	RHN	3130E 0903S	G	500	ND	150	H	3	
62	8P	MWILA E	RHN	3240E 1125S	G	500	ND	150	H	3	
62	8M	NAMWALA	RHN	2630E 1545S	G	500	ND	150	H	3	
62	8P	BRAVA	SOM	4402E 0107N	G	10	ND	40	H	2	
62	0	MTWARA	TGK	4010E 1020S	I	500	ND	300	H	3	
62	0	NJOMBE	TGK	3445E 0920S	I	500	ND	300	H	3	
63	8M	BULWER	AFS	2945E 2948S	I	1000	ND	600	H	3	
63	8M	CERES	AFS	1916E 3324S	I	10	ND	100	H	1	
63	0	GRIQUATOWN	AFS	2325E 2905S	I	1000	ND	250	H	6	
63	8M	JANE FURSE SET	AFS	2952E 2443S	I	1000	ND	350	H	6	
63	8M	MADIBOGO	AFS	2515E 2627S	I	1000	ND	300	H	2	
63	8P	S21	AFS	1835E 2310S	I	1000	ND	300	H	2	
63	8M	S36	AFS	1705E 2040S	I	1000	ND	300	H	2	
63	8P	S60	AFS	1630E 1805S	I	1000	ND	300	H	2	
63	8P	ALJUSTREL	AGL	1950E 1340S	I	250	ND	75	H	3	
63	0	FUNSI	GHA	0200W 1017N	K	50	ND	100	H	5	
63	0	PRANG	GHA	0050W 0800N	K	50	ND	120	H	5	
63	0	WIAWSO	GHA	0229W 0616N	K	50	ND	120	H	5	
63	0	KERICHO	KEN	3520E 0020S	I	1000	ND	300	H	3	
63	8P	GREENVILLE	LBR	0902W 0501N	H	500	ND	100	V	4	
63	8P	MALVERNIA	MOZ	3103E 2220S	I	250	ND	75	H	3	
63	0	LAGOS	NIG	0327E 0627N	I	250	ND	150	H	5	
63	8P	FORT JAMESON	RHN	3236E 1335S	G	500	ND	150	H	3	
63	8M	FT VICTORIA	RHS	3049E 2003S	G	10	ND	150	H	3	
63	8M	CHISIMAIO	SOM	4232E 0022S	G	1000	ND	80	H	2	
63	8P	KENEMA	SRL	1110W 0750N	G	100	ND	300	H	5	
63	0	KIGOMA	TGK	2940E 0450S	I	500	ND	300	H	3	
64	8M	ALIWAL NORTH	AFS	2642E 3057S	I	1000	ND	500	H	6	
64	0	BRANDVLEI	AFS	2026E 3006S	I	1000	ND	300	H	2	
64	8P	BUFFELSFONTEIN	AFS	2822E 2331S	I	1000	ND	300	H	6	
64	8M	ESHOWE	AFS	3118E 2852S	I	1000	ND	300	H	3	
64	8P	S5	AFS	1906E 2720S	I	1000	ND	300	H	2	
64	0	WARRENTON	AFS	2515E 2816S	I	1000	ND	300	H	6	

1	2	3	4	5	6	7	8	9	10	11A	11B
64	8M	CUITO QUANAVAL	AGL	1856E 1456S	I	250	ND	75	H	3	
64	8M	SANZA POMBO	AGL	1600E 0706S	I	250	ND	150	H	3	
64	8M	V ROCADAS	AGL	1458E 1645S	I	250	ND	75	H	3	
64	8P	ASSAB	ETH	4245E 1301N	G	250	ND	150	H	4	
64	0	GABRE DARRE	ETH	4416E 0645N	G	250	ND	300	H	2	
64	0	BOLGATANGA	GHA	0050W 1040N	K	50	ND	150	H	5	
64	0	SAKPA	GHA	0220W 0856N	K	50	ND	100	H	5	
64	0	NAIROBI	KEN	3650E 0115S	I	1000	ND	1200	H	3	
64	8M	MONROVIA	LBR	1049W 0619N	H	500	ND	100	H	4	
64	0	MINNA	NIG	0630E 0936N	I	250	ND	150	H	5	
64	8M	FORT ROSEBERY	RHN	2853E 1110S	G	500	ND	150	H	3	
64	8M	KABOMPO	RHN	2414E 1335S	G	500	ND	150	H	3	
64	0	MPIKA	RHN	3125E 1150S	G	500	ND	150	H	3	
64	8P	MPOROKOSO	RHN	3005E 0920S	G	500	ND	150	H	3	
64	0	WANKIE	RHS	2631E 1825S	G	10	ND	150	H	3	
64	8M	ISCIA BAIDOA	SOM	4340E 0308N	G	2000	ND	320	H	2	
64	0	GULU	UGA	3220E 0248N	G	500	ND	300	H	3	
65	8M	C TOWN MINOR	AFS	1824E 3357S	I	10	ND	1000	H	1	
65	8P	GLENCOE	AFS	2956E 2809S	I	1000	ND	300	H	3	
65	0	KENHARDT	AFS	2127E 2910S	I	1000	ND	300	H	2	
65	8M	KURUMAN	AFS	2328E 2725S	I	1000	ND	300	H	2	
65	8P	LOUISTRICHARDT	AFS	2953E 2301S	I	10	ND	450	H	6	
65	8P	S30	AFS	1835E 2130S	I	1000	ND	300	H	2	
65	8M	S52	AFS	1707E 1856S	I	1000	ND	300	H	2	
65	8M	THREE SISTERS	AFS	2309E 3156S	I	1000	ND	300	H	6	
65	0	CABINDA	AGL	1215E 0525S	I	250	ND	75	H	3	
65	8M	MAQUELA ZOMBO	AGL	1507E 0603S	I	250	ND	150	H	3	
65	0	WENCHI	GHA	0210W 0635N	K	50	ND	120	H	5	
65	0	INHAMBANE	MOZ	3524E 2352S	I	250	ND	150	H	3	
65	8M	KASEMPA	RHN	2547E 1323S	G	500	ND	150	H	3	
65	8M	NSAMBO	RHN	2957E 1047S	G	500	ND	150	H	3	
65	8M	CAHANDO	SOM	4708E 0603N	G	2000	ND	250	H	2	
65	0	TUKUYU	TGK	3340E 0920S	I	500	ND	1200	H	3	
65	0	MBARARA	UGA	3045E 0040S	G	500	ND	300	H	3	
66	8M	BULWER	AFS	2945E 2948S	I	1000	ND	600	H	3	
66	8M	CERES	AFS	1916E 3324S	I	10	ND	100	H	1	

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
66	0	GRIQUATOWN	AFS	2325E 2905S	I	1000	ND	250	H	6	
66	8M	MADIBOGO	AFS	2515E 2627S	I	1000	ND	300	H	2	
66	8M	MARBLE HALL	AFS	2920E 2449S	I	1000	ND	300	H	6	
66	8P	S41	AFS	1420E 1950S	I	1000	ND	300	H	2	
66	8P	S62	AFS	1830E 1802S	I	1000	ND	300	H	2	
66	0	UNIONDALE	AFS	2254E 3338S	I	1000	ND	600	H	6	
66	0	MAVINGA	AGL	2016E 1530S	I	250	ND	75	H	3	
66	0	AJANGOTE	GHA	0020W 0545N	K	50	ND	250	H	5	
66	8P	GBARNGA	LBR	0928W 0728N	H	500	ND	300	H	4	
66	8P	MALVERNIA	MOZ	3103E 2220S	I	250	ND	75	H	3	
66	0	ABAFON	NIG	0331E 0642N	I	250	ND	150	H	5	
66	8M	CHOMA	RHN	2658E 1645S	G	500	ND	150	H	3	
66	8M	KASAMA	RHN	3110E 1012S	G	500	ND	150	H	3	
66	8M	SOLWEZI	RHN	2625E 1210S	G	500	ND	150	H	3	
66	0	COPPER QUEEN	RHS	2920E 1722S	G	500	ND	150	H	3	
66	8P	GWAII	RHS	2742E 1918S	G	500	ND	150	H	3	
66	8P	BERBERA	SOM	4502E 1025N	G	5	ND	35	H	2	
66	8P	GELIB	SOM	4247E 0028N	G	1	ND	40	H	2	
66	0	FREETOWN	SRL	1317W 0830N	G	500	ND	150	H	5	
67	8P	BUFFELSFONTEIN	AFS	2822E 2331S	I	1000	ND	300	H	6	
67	8M	ESHOWE	AFS	3118E 2852S	I	1000	ND	300	H	3	
67	0	MOUNT AYLIFF	AFS	2924E 3050S	I	1000	ND	600	H	6	
67	8P	S5	AFS	1906E 2720S	I	1000	ND	300	H	2	
67	8P	ARTUR PAIVA	AGL	1618E 1428S	I	250	ND	75	H	3	
67	8M	SANZA POMBO	AGL	1600E 0706S	I	250	ND	150	H	3	
67	8M	V ROCADAS	AGL	1458E 1645S	I	250	ND	75	H	3	
67	0	BOLGATANGA	GHA	0050W 1040N	K	50	ND	150	H	5	
67	0	NKABIN	GHA	0140W 0648N	K	50	ND	150	H	5	
67	0	FORT HALL	KEN	3710E 0040S	I	1000	ND	300	H	3	
67	8P	MASSANGENA	MOZ	3255E 2135S	I	250	ND	75	H	3	
67	0	ABA	NIG	0723E 0506N	I	250	ND	150	H	5	
67	0	MINNA	NIG	0630E 0936N	I	250	ND	150	H	5	
67	8P	KATABA	RHN	2508E 1605S	G	500	ND	150	H	3	
67	0	MUSHUNGAYENDI	RHS	3016E 1622S	G	500	ND	150	H	3	
67	0	ITALA	SOM	4620E 0247N	G	5	ND	40	H	2	
67	0	ZEILA	SOM	4330E 1120N	G	1	ND	60	H	2	

1	2	3	4	5	6	7	8	9	10	11A	11B
67	0	TANGA	TGK	3908E 0505S	I	500	ND	1200	H	3	
67	0	GULU	UGA	3220E 0248N	G	500	ND	300	H	3	
68	0	KENHARDT	AFS	2127E 2910S	I	1000	ND	300	H	2	
68	0	NELSPRUIT	AFS	3045E 2532S	I	1000	ND	600	H	6	
68	0	CABINDA	AGL	1215E 0525S	I	250	ND	75	H	3	
68	0	BANTALA	GHA	0145W 0940N	K	50	ND	100	H	5	
68	0	WENCHI	GHA	0210W 0635N	K	50	ND	120	H	5	
68	0	INHAMBANE	MOZ	3524E 2352S	I	250	ND	150	H	3	
68	0	MAKURDI	NIG	0836E 0743N	I	250	ND	150	H	5	
68	8P	CHIROMO	NYA	3505E 1630S	G	500	ND	150	H	3	
68	8P	ABERCORN	RHN	3130E 0903S	G	500	ND	150	H	3	
68	0	MWILA E	RHN	3240E 1125S	G	500	ND	150	H	3	
68	8P	NAMWALA	RHN	2630E 1545S	G	500	ND	150	H	3	
68	8M	CAHANDO	SOM	4708E 0603N	G	2000	ND	250	H	2	
68	0	MBARARA	UGA	3045E 0040S	G	500	ND	300	H	3	
69	8P	S62	AFS	1830E 1802S	I	1000	ND	300	H	2	
69	0	UNIONDALE	AFS	2254E 3338S	I	1000	ND	600	H	6	
69	0	MAVINGA	AGL	2016E 1530S	I	250	ND	75	H	3	
69	8P	GREENVILLE	LBR	0902W 0501N	H	500	ND	100	H	4	
69	0	ABEOKUTA	NIG	0321E 0710S	I	100	ND	150	H	5	
69	0	GUSAU	NIG	0627E 1212N	I	250	ND	150	H	3	
69	8P	BERBERA	SOM	4502E 1025N	G	5	ND	35	H	2	
69	0	SCUSCIUBAN	SOM	5015E 1015N	G	2	ND	85	H	2	
69	8P	KENEMA	SRL	1110W 0750N	G	100	ND	300	H	5	
70	0	MOUNT AYLIFF	AFS	2924E 3050S	I	1000	ND	600	H	6	
70	8P	ARTUR PAIVA	AGL	1618E 1428S	I	250	ND	75	H	3	
70	0	G MACHADO	AGL	1714E 1203S	I	250	ND	75	H	3	
70	0	TAMANRASSET	ALG	0530E 2250N	H	50	ND	600	H	2	
70	0	P	CME	1335E 0226N	K	250	ND	300	V	5	
70	0	A	COG	1730E 0335N	K	250	ND	300	H	5	
70	0	LEBANGO	COG	1442E 0024N	K	250	ND	300	H	5	
70	0	OSSELE	COG	1525E 0120S	K	250	ND	300	H	5	
70	0	LES ES CHIRAS	GAB	1019E 0146S	K	250	ND	300	H	5	
70	0	MITSANG	GAB	1233E 0046N	K	250	ND	300	H	5	
70	0	WULEHE	GHA	0000W 0832N	K	50	ND	100	H	5	
70	0	NYERI	KEN	3655E 0025S	I	1000	ND	300	H	3	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
70	8M	SANNAQUELLA	LBR	0843W 0722N	H	250	ND	300	H	5	
70	8P	MASSANGENA	MOZ	3255E 2135S	I	250	ND	75	H	3	
70	0	ABA	NIG	0723E 0506N	I	250	ND	150	H	5	
70	0	SOKOTO	NIG	0516E 1310N	I	250	ND	150	H	3	
70	8M	KABOMPO	RHN	2414E 1335S	G	500	ND	150	H	3	
70	8P	MKUSHI	RHN	2925E 1335S	G	500	ND	150	H	3	
70	0	MPIKA	RHN	3125E 1150S	G	500	ND	150	H	3	
70	8P	MPOROKOSO	RHN	3005E 0920S	G	500	ND	150	H	3	
70	0	BELINGWE	RHS	2955E 2038S	G	500	ND	150	H	3	
70	0	WANKIE	RHS	2631E 1825S	G	10	ND	150	H	3	
70	8M	WEDZA	RHS	3140E 1835S	G	500	ND	150	H	3	
70	0	ZEILA	SOM	4330E 1120N	G	1	ND	60	H	2	
70	0	MAKENI	SRL	1200W 0852N	G	200	ND	150	H	5	
70	0	MAFIA	TGK	3935E 0755S	I	500	ND	150	H	3	
70	8P	TANGA	TGK	3908E 0505S	I	500	ND	1200	H	3	
71	8M	HEIDELBERG	AFS	2102E 3400S	I	1000	D	300	H	1	75/270/10
71	8P	KOEDOESKOP	AFS	2738E 2451S	I	1000	ND	450	H	6	
71	8M	LUKULU	RHN	2313E 1415S	G	500	ND	150	H	3	
71	8P	NSAMBO	RHN	2957E 1047S	G	500	ND	150	H	3	
71	8P	NTAMBU	RHN	2508E 1240S	G	500	ND	150	H	3	
71	8M	DINSOR	SOM	4300E 0225N	G	5	ND	60	H	2	
71	0	DODOMA	TGK	3550E 0610S	I	500	ND	150	H	3	
72	8P	OLIFANTSKOP	AFS	2557E 3319S	I	1000	ND	300	H	6	
72	8M	POTGIETERSRUST	AFS	2915E 2410S	I	1000	ND	600	H	6	
72	8P	GBARNGA	LBR	0928W 0728N	H	500	ND	300	H	4	
72	0	GUSAU	NIG	0627E 1212N	I	250	ND	150	H	3	
72	0	LIVINGSTONIA	NYA	3355E 1030S	G	500	ND	150	H	3	
72	8M	KASAMA	RHN	3110E 1012S	G	500	ND	150	H	3	
72	8P	GWAII	RHS	2742E 1918S	G	500	ND	150	H	3	
72	0	KARIBA	RHS	2847E 1632S	G	500	ND	150	H	3	
72	0	BULO BURTI	SOM	4535E 0351N	G	500	ND	200	H	2	
72	0	FREETOWN	SRL	1317W 0830N	G	500	ND	150	H	5	
73	0	CLEWER	AFS	2908E 2556S	I	1000	ND	300	H	6	
73	8P	KING WILLIAMS	AFS	2715E 3241S	I	1000	ND	350	H	6	
73	0	PAARL	AFS	1856E 3343S	I	10	ND	300	H	1	
73	8M	ZFERUST	AFS	2551E 2542S	I	350	ND	300	H	6	

1	2	3	4	5	6	7	8	9	10	11A	11B
73	0	G MACHADO	AGL	1714E 1203S	I	250	ND	75	H	3	
73	0	P	CME	1335E 0226N	K	250	ND	300	V	5	
73	0	A	COG	1730E 0335N	K	250	ND	300	H	5	
73	0	LEBANGO	COG	1442E 0024N	K	250	ND	300	H	5	
73	0	OSSELE	COG	1525E 0120S	K	250	ND	300	H	5	
73	0	LES ES CHIRAS	GAB	1019E 0146S	K	250	ND	300	H	5	
73	0	MITSANG	GAB	1233E 0046N	K	250	ND	300	H	5	
73	0	WULEHE	GHA	0000W 0832N	K	50	ND	100	H	5	
73	0	ELDORET	KEN	3520E 0030S	I	1000	ND	150	H	3	
73	0	TCHIEN	LBR	0807W 0604N	H	250	ND	200	H	4	
73	0	JOS	NIG	0852E 0955N	I	250	ND	150	H	5	
73	0	DEDZA	NYA	3420E 1407S	G	500	ND	150	H	3	
73	8P	CHIENGI	RHN	2925E 0830S	G	500	ND	150	H	3	
73	0	MUSHUNGAYENDI	RHS	3016E 1622S	G	500	ND	150	H	3	
73	8P	EHIL	SOM	4950E 0800N	G	2	ND	60	H	2	
73	0	BUKOBA	TGK	3150E 0120S	I	500	ND	300	H	3	
73	0	LUSHOTO	TGK	3810E 0452S	I	500	ND	600	H	3	
73	0	MAFIA	TGK	3935E 0755S	I	500	ND	150	H	3	
74	0	VREDE	AFS	2858E 2715S	I	1000	ND	300	H	6	
74	0	TEITA	KEN	3820E 0325S	I	1000	ND	300	H	3	
74	8M	ANTONIO ENES	MOZ	3954E 1614S	I	250	ND	38	H	5	
74	0	KADUNA	NIG	0726E 1033N	I	250	ND	150	H	5	
74	8P	BROKEN HILL	RHN	2828E 1427S	G	500	ND	150	H	3	
74	0	CHITAMBO	RHN	3040E 1255S	G	500	ND	150	H	3	
74	0	LUSANGO S	RHN	2600E 1440S	G	500	ND	150	H	3	
74	8P	MWINILUNGU	RHN	2427E 1143S	G	500	ND	150	H	3	
74	8P	ALULA	SOM	5047E 1155N	G	1	ND	30	H	2	
74	8M	GARDO	SOM	4905E 0930N	G	2	ND	70	H	2	
74	0	MOGADISCIO	SOM	4522E 0205N	G	1000	ND	200	H	2	
74	0	DODOMA	TGK	3550E 0610S	I	500	ND	150	H	3	
74	0	MT ELGON	UGA	3435E 0120N	G	1000	ND	1200	H	3	
75	8M	POTGIETERSRUST	AFS	2915E 2410S	I	1000	ND	600	H	6	
75	8M	WELVERDIEND	AFS	2715E 2626S	I	1000	ND	300	H	6	
75	0	MALINDI	KEN	4005E 0315S	I	1000	ND	150	H	3	
75	8M	QUELIMANE	MOZ	3653E 1752S	I	250	ND	75	H	5	
75	0	KANO	NIG	0832E 1159N	I	250	ND	150	H	3	

1 Numéro du canal assigné / *Assigned channel number* / Número del canal assignado	2 Décalage de la porteuse image / *Vision carrier offset* / Desviación de la portadora de imagen	3 Nom de la station d'émission / *Name of transmitting station* / Nombre de la estación transmisora	4 Symbole désignant le pays / *Country symbol* / Símbolo designativo del país	5 Coordonnées géographiques de la station d'émission / *Geographical co-ordinates of transmitting station* / Coordenadas geográficas de la estación transmisora	6 Système de télévision - *Television system* / Sistema de televisión	7 Puissance apparente rayonnée maximale pour l'image (kW) / *Maximum effective radiated power of vision carrier (kW)* / Potencia radiada aparente máxima para la imagen (kW)	8 Caractéristiques du rayonnement de l'antenne / *Characteristics of antenna radiation* / Características de radiación de la antena	9 Hauteur équivalente maximale de l'antenne d'émission (mètres) / *Maximum effective height of transmitting antenna (metres)* / Altura efectiva máxima de la antena transmisora (metros)	10 Polarisation du rayonnement - *Polarization of radiation* / Polarización de radiación	11A Zone climatique - *Climatic zone* / Zona climática	11B Observations / *Remarks* / Observaciones
75	0	PT HARCOURT	NIG	0701E 0451N	I	250	ND	150	H	5	
75	0	MONGU	RHN	2308E 1515S	G	500	ND	150	H	3	
75	8M	NAKONDE	RHN	3247E 0916S	G	500	ND	150	H	3	
75	8P	ULONGA	RHN	3020E 1420S	G	500	ND	150	H	3	
75	0	KAMATIVI MINE	RHS	2700E 1820S	G	500	ND	150	H	3	
75	8P	AFMEDO	SOM	4205E 0030N	G	5	ND	60	H	2	
75	8M	DUSA MAREB	SOM	4625E 0530N	G	1	ND	60	H	2	
75	0	MASASI	TGK	3850E 1040S	I	500	ND	150	H	3	
75	0	ARUA	UGA	3055E 0305N	G	500	ND	150	H	3	
76	8P	KING WILLIAMS	AFS	2715E 3241S	I	1000	ND	350	H	6	
76	8M	BENGUELA	AGL	1325E 1235S	I	250	ND	75	H	3	
76	8P	CAZOMBO	AGL	2255E 1153S	I	250	ND	75	H	3	
76	8M	GAGO COUTINHO	AGL	2108E 1405S	I	250	ND	75	H	3	
76	8P	KIBALA	AGL	1447E 1037S	I	250	ND	150	H	3	
76	0	KISI	GHA	0130W 0506N	K	50	ND	200	H	5	
76	0	TAMALE	GHA	0050W 0928N	K	50	ND	120	H	5	
76	8M	SANNAQUELLA	LBR	0843W 0722N	H	250	ND	300	H	5	
76	0	ILORIN	NIG	0433E 0832N	I	250	ND	150	H	3	
76	0	JOS	NIG	0852E 0955N	I	250	ND	150	H	5	
76	0	KATSINA	NIG	0738E 1300N	I	250	ND	150	H	3	
76	0	MAIDUGURI	NIG	1305E 1151N	I	250	ND	150	H	3	
76	8P	MKUSHI	RHN	2925E 1335S	G	500	ND	150	H	3	
76	0	BELINGWE	RHS	2955E 2038S	G	500	ND	150	H	3	
76	8M	WEDZA	RHS	3140E 1835S	G	500	ND	150	H	3	
76	8M	LUGH FERRANDI	SOM	4233E 0350N	G	5	ND	80	H	2	
76	8P	UAR MEDO	SOM	4945E 1120N	G	2000	ND	1280	H	2	
76	0	MAKENI	SRL	1200W 0852N	G	200	ND	150	H	5	
76	0	BUKOBA	TGK	3150E 0120S	I	500	ND	300	H	3	
76	8P	LUSHOTO	TGK	3810E 0452S	I	500	ND	600	H	3	
77	8M	PIETERMARITZBG	AFS	3021E 2935S	I	10	ND	300	H	3	
77	8M	TOUWS RIVER	AFS	2002E 3320S	I	10	ND	100	H	6	
77	8M	CARMONA	AGL	1503E 0735S	I	250	ND	75	H	3	
77	0	FUNSI	GHA	0200W 1017N	K	50	ND	100	H	5	
77	0	PRANG	GHA	0050W 0800N	K	50	ND	120	H	5	
77	0	WIAWSO	GHA	0229W 0616N	K	50	ND	120	H	5	
77	8M	ANTONIO ENES	MOZ	3954E 1614S	I	250	ND	38	H	5	

1	2	3	4	5	6	7	8	9	10	11A	11B
77	0	MACIA	MOZ	3303E 2501S	I	250	ND	150	H	3	
77	0	ABAFON	NIG	0331E 0642N	I	250	ND	150	H	5	
77	0	KADUNA	NIG	0726E 1033N	I	250	ND	150	H	5	
77	0	POINT C	NIG	1200E 1310N	I	250	D	150	H	3	74/300/60/25
77	8M	LUKULU	RHN	2313E 1415S	G	500	ND	150	H	3	
77	8P	NTAMBU	RHN	2508E 1240S	G	500	ND	150	H	3	
77	8M	FT VICTORIA	RHS	3049E 2003S	G	10	ND	150	H	3	
77	0	DAGARITA	SOM	4330E 1040N	G	100	ND	600	H	2	
77	0	V D ABRUZZI	SOM	4530E 0245N	G	2	ND	50	H	2	
77	0	TUNDURU	TGK	3720E 1105S	I	500	ND	300	H	3	
77	0	MT ELGON	UGA	3435E 0120N	G	1000	ND	1200	H	3	
78	8P	NOVA GAIA	AGL	1715E 1006S	I	250	ND	75	H	3	
78	0	SALAZAR	AGL	1454E 0918S	I	250	ND	300	H	3	
78	0	BEIRA	MOZ	3445E 1942S	I	250	ND	75	H	3	
78	8M	QUELIMANE	MOZ	3653E 1752S	I	250	ND	75	H	5	
78	0	KANO	NIG	0832E 1159N	I	250	ND	150	H	3	
78	8M	KARIBA	RHS	2847E 1632S	G	500	ND	150	H	3	
78	8P	AFMEDO	SOM	4205E 0030N	G	5	ND	60	H	2	
78	0	MASASI	TGK	3850E 1040S	I	500	ND	150	H	3	
78	0	ARUA	UGA	3055E 0305N	G	500	ND	150	H	3	
78	0	KABALE	UGA	3000E 0120S	G	500	ND	150	H	5	
79	8M	LOUISTRICHARDT	AFS	2953E 2301S	I	10	ND	450	H	6	
79	8M	BENGUELA	AGL	1325E 1235S	I	250	ND	75	H	3	
79	8P	CAZOMBO	AGL	2255E 1153S	I	250	ND	75	H	3	
79	8M	GAGO COUTINHO	AGL	2108E 1405S	I	250	ND	75	H	3	
79	8P	KIBALA	AGL	1447E 1037S	I	250	ND	150	H	3	
79	0	KISI	GHA	0130W 0506N	K	50	ND	200	H	5	
79	0	TAMALE	GHA	0050W 0928N	K	50	ND	120	H	5	
79	0	TCHIEN	LBR	0807W 0604N	H	250	ND	200	H	4	
79	0	ILORIN	NIG	0433E 0832N	I	250	ND	150	H	3	
79	0	KATSINA	NIG	0738E 1300N	I	250	ND	150	H	3	
79	0	MAIDUGURI	NIG	1305E 1151N	I	250	ND	150	H	3	
79	0	DEDZA	NYA	3420E 1407S	G	500	ND	150	H	3	
79	8P	CHIENGI	RHN	2925E 0830S	G	500	ND	150	H	3	
79	8M	BELET UEN	SOM	4511E 0445N	G	20	ND	100	H	2	
79	8P	HARGHEISA	SOM	4402E 0935N	G	1000	ND	480	H	2	

PLAN POUR LES STATIONS DE TÉLÉVISION DANS LA BANDE DE FRÉQUENCES 470-960 MHz
PLAN FOR TELEVISION STATIONS IN THE FREQUENCY BAND 470-960 Mc/s
PLAN PARA LAS ESTACIONES DE TELEVISIÓN EN LA BANDA DE FRECUENCIAS 470-960 Mc/s

470-960 MHz Mc/s BT

1	2	3	4	5	6	7	8	9	10	11A	11B
Numéro du canal assigné *Assigned channel number* Número del canal assignado	Décalage de la porteuse image *Vision carrier offset* Desviación de la portadora de imagen	Nom de la station d'émission *Name of transmitting station* Nombre de la estación transmisora	Symbole désignant le pays *Country symbol* Símbolo designativo del país	Coordonnées géographiques de la station d'émission *Geographical co-ordinates of transmitting station* Coordenadas geográficas de la estación transmisora	Système de télévision - *Television system* Sistema de televisión	Puissance apparente rayonnée maximale pour l'image (kW) *Maximum effective radiated power of vision carrier (kW)* Potencia radiada aparente máxima para la imagen (kW)	Caractéristiques du rayonnement de l'antenne *Characteristics of antenna radiation* Características de radiación de la antena	Hauteur équivalente maximale de l'antenne d'émission (mètres) *Maximum effective height of transmitting antenna (metres)* Altura efectiva máxima de la antena transmisora (metros)	Polarisation du rayonnement - *Polarization of radiation* Polarización de radiación	Zone climatique - *Climatic zone* Zona climática	Observations *Remarks* Observaciones
79	8P	DAR ES SALAAM	TGK	3915E 0650S	I	500	ND	150	H	3	
80	8M	BULWER	AFS	2945E 2948S	I	1000	ND	600	H	3	
80	8M	TOUWS RIVER	AFS	2002E 3320S	I	10	ND	100	H	6	
80	8M	CARMONA	AGL	1503E 0735S	I	250	ND	75	H	3	
80	0	MACIA	MOZ	3303E 2501S	I	250	ND	150	H	3	
80	0	ABAFON	NIG	0331E 0642N	I	250	ND	150	H	5	
80	0	CHITAMBO	RHN	3040E 1255S	G	500	ND	150	H	3	
80	0	LUSANGO S	RHN	2600E 1440S	G	500	ND	150	H	3	
80	8P	MWINILUNGU	RHN	2427E 1143S	G	500	ND	150	H	3	
80	0	TUNDURU	TGK	3720E 1105S	I	500	ND	300	H	3	
81	8P	NOVA GAIA	AGL	1715E 1006S	I	250	ND	75	H	3	
81	0	SALAZAR	AGL	1454E 0918S	I	250	ND	300	H	3	
81	0	MT KENYA	KEN	3725E 0015S	I	2000	ND	1200	H	3	
81	0	BEIRA	MOZ	3445E 1942S	I	250	ND	75	H	3	
81	0	MONGU	RHN	2308E 1515S	G	500	ND	150	H	3	
81	8M	NAKONDE	RHN	3247E 0916S	G	500	ND	150	H	3	
81	8P	ULONGA	RHN	3020E 1420S	G	500	ND	150	H	3	
81	0	KAMATIVI MINE	RHS	2700E 1820S	G	500	ND	150	H	3	
81	0	KABALE	UGA	3000E 0120S	G	500	ND	150	H	5	

CHAPTER 3

Explanation of Symbols Used in the Plans

1 *Vision Carrier Offset* (Column 2 in the Plans for television stations)

(See paragraph 4 of Chapter 1, page 22).

2 *Country Symbols* (Column 4 in the Plans for television stations and Column 3 in the Plan for sound broadcasting stations)

The following symbols have a geographical significance only:

ADN — Aden
AFS — South Africa (Republic of) and Territory of South-West Africa
AGL — Angola
ALG — Algeria (Democratic and Popular Republic of)
AOE — Spanish Province in West Africa
ASC — Ascension
BAS — Basutoland
BCH — Bechuanaland
BDI — Burundi (Kingdom of)
CAF — Central African Republic
CGO — Congo (Republic of the) (Léopoldville)
CME — Cameroon (Federal Republic of)
CNR — Canaries
COG — Congo (Republic of the) (Brazzaville)
COM — Comoro Islands
CPV — Cape Verde Islands
CTI — Ivory Coast (Republic of the)
DAH — Dahomey (Republic of)
EGY — United Arab Republic
ETH — Ethiopia
GAB — Gabon Republic
GHA — Ghana
GMB — Gambia
GNE — Spanish Province in the Gulf of Guinea
GNP — Portuguese Guinea
GUI — Guinea (Republic of)
HVO — Upper Volta (Republic of)
KEN — Kenya
LBR — Liberia (Republic of)
LBY — Libya (United Kingdom of)
MAU — Mauritius
MDG — Malagasy Republic
MLI — Mali (Republic of)
MOZ — Mozambique
MRC — Morocco (Kingdom of)

MTN — Mauritania (Islamic Republic of)
NGR — Niger (Republic of the)
NIG — Nigeria (Federation of)
NYA — Nyasaland
REU — Reunion (French Department of)
RHN — Northern Rhodesia
RHS — Southern Rhodesia
RRW — Rwanda (Republic of)
SDN — Sudan (Republic of the)
SEN — Senegal (Republic of the)
SEY — Seychelles
SHN — St. Helena
SMF — French Somaliland
SOM — Somali Republic
SRL — Sierra Leone
STP — St. Thome and Principe
SWZ — Swaziland
TCD — Chad (Republic of the)
TGK — Tanganyika
TGO — Togolese Republic
UGA — Uganda
ZAN — Zanzibar

3 *Television Systems* (Column 6 in the Plans for television stations)

(See Section 2 of Annex 3 - page 321)

4 *Azimuth of Maximum Radiation* (Column 8 in the Plans for television stations and Column 7 in the Plan for sound broadcasting stations)

— The symbol ND indicates that the transmitting antenna is without directive effect in the horizontal plane.

— The symbol D indicates that the transmitting antenna has a directive effect in the horizontal plane; in this case, in the Remarks Column will be found an indication of the directions in which the radiation is attenuated.

5 *Climatic Areas* (Column 11a of the Plans for television stations and Column 10a of the Plan for sound broadcasting stations)

(See Section 1 of Annex 3 - page 317)

6 *Remarks* (Column 11b of the Plans for television stations and Column 10b of the Plan for sound broadcasting stations)

1 to 10	(Not used)
11	This station is situated in the European Broadcasting Area and the assignment appears in the Plan annexed to the Regional Agreement, Stockholm, 1961. It is shown in the present Plan for information only.
12	This station is situated in the European Broadcasting Area, but the assignment does not appear in the Plan annexed to the Regional Agreement, Stockholm, 1961. The provisions of Article 4 of the said Agreement should be applied. It is shown in the present Plan for information only.
13	This station is not situated in the African Broadcasting Area as defined in the Agreement.
14	This country has not submitted requirements. The assignment as shown has been included in the Plan by the Conference.

15	(Not used)
16/...	This assignment is to be co-ordinated with ...
17-73	(Not used)
74/.../.../...	Within the sector ...° to ...°, the effective radiated power is reduced to ... kW.
	Example: 74/340/20/0.02 meaning: within the sector 340° to 20°, the effective radiated power is reduced to 0.02 kW
75/.../...	In the direction of ...°, the effective radiated power is reduced to ... kW
	Example: 75/360/10 meaning: in the direction of 360°, the effective radiated power is reduced to 10 kW.

7 *Other Symbols and Abbreviations*

The other symbols and abbreviations used in the Plans are explained in the Radio Regulations or in the Preface to the International Frequency List.

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ANNEX 3

to the

REGIONAL AGREEMENT

for the

AFRICAN BROADCASTING AREA

TECHNICAL DATA

FOREWORD

This Annex provides information on the technical data used by the Conference in drawing up the Plans which appear in Annex 2.

It is based on texts adopted by the International Radio Consultative Committee at its Xth Plenary Assembly, Geneva, 1963, and the documents adopted by the Conference.

SECTION 1

Propagation

1.1 *Propagation Curves for VHF/UHF Broadcasting in the African Continent*

1.1.1 *Introduction*

It is well known that the African continent contains several climates. It is therefore convenient for the purpose of preparation of suitable propagation curves to divide the African continent into regions, as shown in Figure 1, each of which corresponds to a fairly well defined type of climate.

1.1.2 *African Climates*

The African climates can thus be divided as follows:

1. Temperate (Mediterranean)
2. Desert (Saharan)
3. Sub-tropical (Continental)
4. Sub-tropical (Maritime)
5. Equatorial
6. Temperate (Continental)

It should be noted that these divisions are somewhat arbitrary and that the classification of radio climates is not necessarily the same as that of meteorological climates even though the terminology is comparable. Furthermore, it is clear that the boundaries between the various areas will be ill-defined.

In the preparation of propagation curves, some random path-to-path differences have undoubtedly been ascribed to climatic differences. Each set of curves is, however, the best estimate presently available.

1.1.3 *Presentation of Curves*

Figures 2 to 37 present curves of field strength as a function of distance for the VHF/UHF broadcasting bands, and give for 50% of receiving locations the field strength exceeded for at least 50%, 10% and 1% of the time.

When a transmission path crosses one of the climatic boundaries, interpolation may be made between the curves corresponding to the two areas proportionally, in decibels (db), according to the fractions of the path contained in each area.

With respect to the UHF band (450-1000 Mc/s), the curves presented by France at the C.C.I.R. Xth Plenary Assembly, Geneva, 1963, based on experimental data, were normalized and extrapolated by theoretical methods, taking into account information about meteorological conditions in Africa.

The curves corresponding to the UHF band (Figures 20-37) have been drawn for a frequency close to 700 Mc/s, considered representative of the whole of the band 450-1000 Mc/s, since the available experimental results are insufficient to justify separate predictions for different frequencies in the band.

With respect to the VHF band (40-250 Mc/s), experimental data for Africa are even less numerous. Measurements have been made by the French Administration at a frequency close to 100 Mc/s, but only along the west coast of Africa between approximately the 10th and 22nd parallels. The estimates for the VHF band were deduced from radio-meteorological considerations and comparisons with data from other regions of the world.

Especially as regards curves for the VHF band (Figures 2-19), it must be emphasized that they apply only to propagation by tropospheric mechanisms. Particularly in equatorial regions, propagation by way of the ionosphere is important at the lower frequencies in the VHF band. It is therefore likely that higher field strengths will occur at long ranges more often at frequencies below about 60 Mc/s than is indicated by the curves.

1.1.4 *General Considerations*

On the propagation curves of Figures 2 to 37, the values of field strength are expressed in db relative to 1 μV/m for 1 kW effective radiated power from a half-wave dipole, and apply to both vertically and horizontally polarized waves.

The curves of Figures 2 to 37 apply to a receiving antenna height of 10 m above ground at the receiving location, and to various transmitting antenna heights, the transmitting antenna height is somewhat arbitrarily defined as the height of the antenna above the average level of the ground between distances of 3 km and 15 km from the transmitter, over the sector in which it is required to know the magnitude of the fields.

For distances well within the standard radio horizon, the field strengths at other transmitting and receiving antenna heights may be estimated by assuming a linear increase in height-gain for antennae, the heights of which are well below the maximum of the first ground-reflection lobe. At distances well beyond that horizon, the effect of changing the transmitting antenna height may be determined approximately as follows: to obtain the field strength at a distance of X (km) from the transmitter, for a transmitting antenna height of h_1 (m), the curves for 300 m and 10 m should be read for a distance of $(X + 70 - 4.1 \sqrt{h_1})$ km. For intermediate distances near the horizon, the adjusted portions of the curves for beyond-the-horizon distances may be merged with the adjusted curves for distances well within the horizon.

1.1.5 *Influence of Terrain Irregularities*

1.1.5.1 *VHF Bands*

The field strengths given in Figures 2 to 19 apply to 50% of receiving locations in a rolling terrain. For such terrain, the field strengths for other percentages of receiving locations may be obtained by using the distribution curve given in Figure 38.

Neither the curves of Figures 2 to 19, nor the distribution curve of Figure 38, can be assumed to apply accurately in very hilly or mountainous regions. In Band III, and for such terrain, one should use one half the value of the attenuation correction factor (in decibels) for the UHF bands.

1.1.5.2 *UHF Bands*

The influence of irregularities in the terrain is of greater importance in Bands IV and V (UHF) than in Bands I, II and III (VHF). The parameter Δh is used to define the degree of irregularity; it is the difference in the heights exceeded for 10% and 90% of the propagation path in the range 10 km to 50 km from the transmitter (see Figure 39).

Figures 20 to 37 show the field strengths exceeded at 50% of the locations and for 50%, 10% and 1% of the time respectively. They refer to the kind of rolling irregular terrain for which a value of Δh of 50 m is considered representative. For greater or lesser values of Δh, a correction should be applied to the curves. At distances up to 100 km, the attenuation correction factors of Table I should be applied to the curves.

TABLE I

Δh (m)	Attenuation correction factor (db)
$\leq$ 50	— 10
50	0
100 — 200	10
200 — 400	20

Thus, in rough terrain for Δh of 150 m, the portions of the curves in Figures 20 to 37 for distances less than 100 km should be reduced by 10 db. At distances greater than 200 km, half the value of the attenuation correction factor in the above table should be assumed. In the intermediate region between 100 and 200 km, the two portions of the adjusted curves should be merged smoothly.

The field strengths given in Figures 20 to 37 are expected to be exceeded at 50 % of the receiving locations in rolling terrain. For this kind of terrain, the field strengths for other percentages of receiving locations may be obtained by using the distribution curves given in Figure 40.

1.1.6 *Oversea Paths*

Generally the propagation curves for climate 4 (sub-tropical maritime) can be used for oversea paths for 50 % and 10 % of the time (for both VHF and UHF), and for 1 % of the time only for VHF.

However, for small percentages of the time (1 % or 5 %) and for the UHF bands, it is much safer to use the curves of Figure 41.

The curves of Figure 41 refer to transmitting and receiving antenna heights of 300 m and 10 m, respectively. The field strengths exceeded for small percentages of the time are not expected to be sensitive to appreciable changes in the transmitting antenna height for distances well beyond the horizon.

1.2 *Directivity of Receiving Antennae*

The discrimination against interfering signals which may be obtained by the use of directional aerials is given in Figure 42.

It is considered that the discrimination shown will be available at the majority of antenna locations in built-up areas. At clear sites in open country, slightly higher values will be obtained.

The curves in Figure 42 are valid for signals of vertical or horizontal polarization, when both the wanted and the unwanted signal are of the same polarization.

1.3 *Orthogonal Polarization in Broadcasting*

The protection which can be obtained by the use of orthogonal polarization is described in C.C.I.R. Report 122 (see Appendix I to the present Annex), and subsequent experience does not indicate any modification to the Report to be necessary.

SECTION 2

Standards

2.1 *FM Sound Broadcasting in the VHF Band*

2.1.1 Maximum frequency deviation: ± 75 kc/s.

2.1.2 Pre-emphasis characteristics: defined as a curve rising with frequency in conformity with the admittance of a parallel combination of a capacitance and a resistance having a time constant of 50 μs.

2.1.3 Superheterodyne intermediate frequency: 10.7 Mc/s.

Local oscillator frequency: above or below received frequency (see however page 339).

2.2 *Television Standards*

2.2.1 *Bands I and III*

The following standards are used or proposed to be used: B, E, I, K* and M.

For the characteristics of these systems, refer to Table II.

2.2.2 *Bands IV and V*

The following standards are used or proposed to be used: G, H, I, K* and M.

For the characteristics of these systems, refer to Table II.

2.2.3 The following list shows the standards proposed by the various countries and territories for planning purposes:

Standard B	*In Bands*
Algeria (Democratic and Popular Republic of)	III
Spain	I & III
Ethiopia	I & III
Ghana	I
Liberia (Republic of) [1]	I & III
Libya (United Kingdom of)	I & III
Nigeria (Federation of)	I & III
Uganda [2]	III
Spanish Provinces in Africa	I & III
United Arab Republic	I & III
Somali Republic	I & III
Rhodesia and Nyasaland (Federation of) [3]	I & III
Sierra Leone [4]	I & III
Tanganyika [5]	I & III

(continued)

Standard B (continued)	*In Bands*
Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible:	
Aden	I & III
Mauritius	I & III
Kenya	I & III

Standard E	*In Band*
Algeria (Democratic and Popular Republic of) [6]	III

Standard G	*In Bands*
Algeria (Democratic and Popular Republic of) [6]	IV & V
Spain	IV & V
Ethiopia	IV & V
Ghana	III, IV & V
Libya (United Kingdom of)	IV & V
Uganda [2]	IV & V
Spanish Provinces in Africa	IV & V
United Arab Republic [7]	IV & V
Somali Republic	IV & V
Rhodesia and Nyasaland (Federation of) [3]	IV & V
Sierra Leone	IV & V
Kenya	IV & V

Standard H	*In Bands*
Algeria (Democratic and Popular Republic of) [6]	IV & V
Liberia (Republic of) [1]	IV & V
United Arab Republic [7]	IV & V

Standard I	*In Bands*
Nigeria (Federation of)	IV & V
Portuguese Oversea Provinces	I, III, IV & V
South Africa (Republic of) and Territory of South-West Africa	I, III, IV & V
Tanganyika [5]	IV & V
Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible:	
Gambia, Basutoland, Bechuanaland, Swaziland, Ascension Is., St. Helena Is., Zanzibar, Seychelles	I, III, IV & V
Aden and the South Arabian Protectorate	IV & V
Mauritius	IV & V
Kenya	IV & V

*Standard K **	*In Bands*
Burundi (Kingdom of)	I, III, IV & V
Cameroon (Federal Republic of) [8]	”
Central African Republic	”
Congo (Republic of the) (Brazzaville)	”

(continued)

Standard K (continued)*	*In Bands*
Congo (Republic of the) (Léopoldville) [8]	I, III, IV & V
Ivory Coast (Republic of the)	"
Dahomey (Republic of)	"
Group of Territories represented by the French Overseas Post and Telecommunication Agency:	"
France [9]	"
Gabon Republic	"
Guinea (Republic of) [8]	"
Upper Volta (Republic of)	"
Malagasy Republic	"
Mali (Republic of)	"
Mauritania (Islamic Republic of)	"
Niger (Republic of the)	"
Rwanda (Republic of)	"
Senegal (Republic of the)	"
Chad (Republic of the)	"
Togolese Republic	"

Note 1. — Liberia (Republic of): Accepted for planning purposes Standard B or H but reserves the right to adopt Standard M.

Note 2. — Uganda: Is already committed to Standard B in Band III. Standard G is planned for Bands IV and V although further consideration will be given to other standards when the Band IV and V stations are to be commissioned.

Note 3. — Rhodesia and Nyasaland (Federation of): Standard B is in use in Band I; no final decision is taken regarding systems to be used in Bands III, IV and V.

Note 4. — Sierra Leone: Now uses Standard B but reserves the right to use any other standard compatible with the Plan.

Note 5. — Tanganyika: Intend to use Standard B in Bands I and III. Although Standard I is planned for Bands IV and V, further consideration will be given to the use of Standards G and H.

Note 6. — Algeria (Democratic and Popular Republic of): Reserves the right to change later.

Note 7. — United Arab Republic: Now studying the adoption of either Standard G or H for Bands IV and V.

Note 8. — Cameroon (Federal Republic of), Congo (Republic of the) (Léopoldville) and *Guinea (Republic of)*: Planning has been based on Standard K*, but they reserve the right to use any other standard compatible with the Plan when they introduce television.

Note 9. — France: Document No. 44 (and Addendum) of the Conference contains technical data relevant to the choice of intermediate frequency for receivers using Standard K*.

2.2.4 All countries reserved the right to use, in their television transmissions above the vision carrier, more than one sound carrier, on the understanding that this will not increase interference to the transmissions of other countries.

2.2.5 All countries reserved the right to use another television standard on the understanding that such other standard would be within the assigned channel and would not increase interference to the transmissions of other countries.

2.3 *Basic Planning Standards for the Various Bands*

The following decisions were adopted by the Conference:

2.3.1 *Bands IV and V*

a) In planning Bands IV and V, the channel separation should be 8 Mc/s.

b) These channels should be the same as in the Stockholm Plan.

c) The numbering of the channels should be the same as in the Stockholm Plan, e.g. the lowest channel (470-478 Mc/s) is designated Channel 21.

d) In each 8 Mc/s channel, all the video carriers should have the same nominal frequency, no matter what system is used.

e) The frequency of any colour sub-carrier should be the video carrier frequency + 4.43 Mc/s.

f) The sound carrier should always be higher in frequency than the video carrier.

g) Frequency modulation should be used for sound.

h) Picture modulation should be negative.

i) The video to sound power ratio should be 5 to 1.

j) Radio astronomy should be protected throughout Africa, at least to the extent that protection is provided in the Stockholm Plan.

2.3.2 *Band II*

The band should be reserved exclusively for frequency-modulation broadcasting, a service which should be used to the greatest extent possible in the African Broadcasting Area.

2.3.3 *Bands I and III*

a) That e, f, g, h and i of paragraph 2.3.1 above were also applicable to the Bands I and III.

b) The Plans for Bands I and III should be based, in principle, on an 8 Mc/s channel spacing. They should, however, take into account a 7 Mc/s channel spacing to which the following countries are already committed: Ghana, Kenya, Nigeria (Federation of), Rhodesia and Nyasaland (Federation of), United Arab Republic and Sierra Leone.

Notes to Table II (page 325)

[1]) These characteristics are in accordance with C.C.I.R. Recommendation 212.

[2]) The values to be considered are:

— the r.m.s. value of the carrier at the peak of the modulation envelope for the vision signal;

— the r.m.s. value of the unmodulated carrier for amplitude-modulated and frequency-modulated sound transmissions.

TABLE II

CHARACTERISTICS OF MONOCHROME TELEVISION SYSTEMS

Item	CHARACTERISTICS	System B	E	G	H	I	K*	M
	Video characteristics							
1	Number of lines per picture (frame)	625	819	625	625	625	625	525
2	Field frequency (fields/second)	50	50	50	50	50	50	60
3	Interlace	2/1 [1]	2/1 [1]	2/1 [1]	2/1 [1]	2/1 [1]	2/1 [1]	2/1 [1]
4	Picture (frame) frequency (pictures/second)	25	25	25	25	25 ± .001%	25	30
5	Line frequency and tolerance when operated non-synchronously (lines/second)	15 625 ± 0.1%	20 475	15 625 ± 0.1%	15 625 ± 0.1%	15 625 ± 0.001%	15 625 ± 0.05%	15 750
6	Aspect ratio (width/height)	4/3 [1]	4/3 [1]	4/3 [1]	4/3 [1]	4/3 [1]	4/3 [1]	4/3 [1]
7	Scanning sequence (Line) (Field)	Left to right [1] Top to bottom [1]	Left to right [1] Top to bottom [1]	Left to right [1] Top to bottom [1]	Left to right [1] Top to bottom [1]	Left to right [1] Top to bottom [1]	Left to right [1] Top to bottom [1]	Left to right [1] Top to bottom [1]
8	System capable of operating independently of power supply frequency	Yes [1]	Yes [1]	Yes [1]	Yes [1]	Yes [1]	Yes [1]	Yes [1]
9	Approximate gamma of picture signal	0.5	0.6	0.5	0.5	0.5	0.5	0.45
10	Nominal video bandwidth (Mc/s)	5	10	5	5	5.5	6	4.2
	Radio frequency characteristics							
11	Nominal radio-frequency bandwidth (Mc/s)	7	14	8	8	8	8.5	6
12	Sound carrier relative to vision carrier (Mc/s)	+5.5 [1]	11.15	+5.5 [1]	+5.5 [1]	6	+6.5 [1]	+4.5 [1]
13	Sound carrier relative to nearest edge of channel (Mc/s)	—0.25 [1]	0.02	—0.25 [1]	—0.25 [1]	—0.25 [1]	—0.25 [1]	—0.25 [1]
14	Nominal width of main sideband (Mc/s)	5	10	5	5	5.5	6	4.2
15	Nominal width of vestigial sideband (Mc/s)	0.75	2	0.75	1.25	1.25	1.25	0.75
16	Type of polarity of vision modulation	A5 negative, asymmetric sideband [1]	A5 positive, asymmetric sideband [1]	A5 negative, asymmetric sideband [1]	A5 negative, asymmetric sideband [1]	A5 negative, asymmetric sideband [1]	A5 negative, asymmetric sideband [1]	A5 negative, asymmetric sideband [1]
17	Synchronizing level as a percentage of peak carrier	100	< 3	100	100	100	100	100
18	Blanking level as a percentage of peak carrier	72.5-77.5	30	72.5-77.5	72.5-77.5	77	72.5-77.5	75
19	Difference between black level and blanking level as a percentage of peak carrier	3-6.5	5	3-6.5	3-6.5	0	3-5	2.875-6.75
20	Peak white level as a percentage of peak carrier	10-12.5	100	10-12.5	10-12.5	18-20	10	≤ 15
21	Type of sound modulation	F3, ± 50 kc/s 50 μs pre-emphasis	A3, No pre-emphasis	F3, ± 50 kc/s 50 μs pre-emphasis	F3, ± 50 kc/s 50 μs pre-emphasis	F3, ± 50 kc/s 50 μs pre-emphasis	F3, ± 50 kc/s 50 μs pre-emphasis	F3, ± 25 kc/s 75 μs pre-emphasis
22	Ratio of effective radiated powers of vision and sound [2]	5/1	4/1	5/1	5/1	5/1	2/1-5/1	2/1-1.43/1

Notes: See page 324.

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SECTION 3

Protection Ratios

3.1 *Sound Broadcasting in the VHF Band*

The protection ratios required to give satisfactory reception for 99% of the time, in systems using a maximum frequency deviation of ± 75 kc/s, are those given by the continuous curve in Figure 43. In the case of steady interference, it is desirable to provide the higher degree of protection, shown by the broken curve in Figure 43.

3.2 *Monochrome Television*

3.2.1 *Introduction*

The protection ratios quoted are considered to be acceptable for planning purposes and as corresponding to a permissible level of interference for a small percentage of the time, not precisely defined, but assumed to be between 1% and 10%. Protection ratios for just perceptible interference would be some 10 to 20 db higher.

When utilizing the protection ratios in planning, suitable allowance for fading is made by using field strength curves appropriate to the percentage of time for which protection is desired, it being assumed that fading of the wanted signal is small, compared with that of the unwanted signal.

The protection ratios quoted refer in all cases to the ratios at the input to the receiver, no account having been taken of the effect of using directional receiving aerials or of the advantage that can be obtained by using different polarizations for transmission of the wanted and unwanted signals.

The amplitude of a vision-modulated signal is defined as the r.m.s. value of the carrier at peaks of the modulation envelope, while that of a sound-modulated signal is the r.m.s. value of the un-modulated carrier, both for amplitude-modulation and for frequency-modulation.

All the protection ratios quoted in the present Annex refer to interference from a single interfering source.

The full advantage of offset operation can only be obtained if the carrier frequencies of the transmitters concerned are within ± 500 c/s of their nominal values.

3.2.2 *Interference Within the same Channel*

3.2.2.1 *Protection Ratio when the Wanted and Unwanted Signals have the same Line Frequency*

3.2.2.1.1 *Carriers Separated by Less than 1000 c/s, but not Synchronized*

Protection ratio: 45 db*).

*) For the 525-line system this value may be reduced by about 20 db if a carrier separation of a few hundred cycles per second is maintained at an appropriate multiple of the frame frequency with a variation in carrier frequency difference less than 1½ cycles per second.

3.2.2.1.2 *Carriers Separated by Less than 50 c/s, but not Synchronized*

Protection ratio reduced by 5-10 db, relative to the preceding case.

3.2.2.1.3 *Nominal Carrier Frequencies Separated by 1/3, 2/3, 4/3 or 5/3 of the Line Frequency*

Protection ratio:

— for 525-line system: 28 db,

— for 625- and 819-line systems: 30 db.

These values may be reduced to 20 db if a carrier separation equal to an appropriate multiple of the frame frequency can be maintained; the line frequency should be kept constant to within 5×10^{-6} and each transmitter should have a frequency tolerance of not more than $\pm$ 2.5 c/s.

The 20 db value is at present valid for the 525-line and 625-line systems when there is one unwanted transmitter. Under these conditions, the ratio between the wanted and unwanted sound signals will also be 20 db, and this is only permissible if the offset is at least 5/3 of the line frequency in the case of frequency-modulated sound (see paragraph 3.2.6.1) or above the audio frequency range in the case of amplitude-modulated sound (see paragraph 3.2.6.2).

3.2.2.1.4 *Nominal Carrier Frequencies Separated by 1/2 or 3/2 of the Line Frequency*

Protection ratio: 27 db.

3.2.2.2 *Protection Ratio for the Picture Signal when the Wanted and Unwanted Signals have Different Line Frequencies*

3.2.2.2.1 *Carriers Separated by Less than 1000 c/s, but not Synchronized*

Protection ratio: 45 db.

3.2.2.2.2 *Carriers Separated by Less than 50 c/s, but not Synchronized*

Protection ratio reduced by 5-10 db relative to the preceding case.

3.2.2.2.3 *Nominal Carrier Frequencies Separated by 6.3 kc/s*

Protection ratio between a 625-line system and an 819-line system: 30 db.

3.2.3 *Adjacent-Channel Interference*

Throughout this section fairly conservative values have been chosen to take account of the divergence in performance between different types of television receivers and to allow for the possible introduction of colour.

3.2.3.1 *Lower Adjacent-Channel Interference—Bands I and III*

The worst interference on the picture signal from another signal using the same standard results from the sound signal in the lower adjacent channel. The figures below relate to the cases where the separation between the wanted vision carrier frequency and the unwanted sound carrier frequency is 1.5 Mc/s and the ratio between the unwanted vision and unwanted sound powers is 7 db. The ratios are expressed in terms of the wanted and unwanted vision signals.

Protection ratio:

— for frequency-modulated sound carrier: — 6 db;

— for amplitude-modulated sound carrier: — 2 db.

3.2.3.2 *Lower Adjacent-Channel Interference — Bands IV and V*

Protection ratio:

— for the 525-line system in a 6 Mc/s channel: — 6 db.

For the various 625-line systems proposed for use in 8 Mc/s channels in Bands IV and V, the following table gives the protection required by a signal on any system against a lower adjacent-channel signal of the same or any of the other standards. The protection ratios quoted are those to be applied between the wanted vision and unwanted vision signal levels.

Interfering signal standard	Protection ratio (db) for a wanted-signal standard				Vision/sound power-ratio (db) for interfering signal
	G	H	I	K*	
G	— 6	— 6	— 6	— 6	7
H	— 6	— 6	— 6	— 6	7
I	— 6	— 6	— 6	+ 3	7
K*	— 6	+ 16	+ 16	+ 16	7

Note 1. — The above figures for the interfering and wanted signals of the K* standard are given for a receiver not provided with a filter adjusted to attenuate the sound carrier of the lower adjacent channel.

When necessary, standard K* receivers may be provided with a filter, the efficiency of which is sufficient to ensure that the protection ratios for a K* system are of the same order as those of other systems.

Note 2. — In the case of system I, the required protection ratios quoted with regard to system K* are based on the supposition that receivers for system I contain a sound trap giving additional rejection at the frequency of the interference.

Note 3. — When an interfering frequency-modulated sound signal is offset, during quiescent periods, relative to the wanted vision signal by a frequency equal to a multiple of the line frequency plus or minus about one-third of the line frequency, the protection ratio may be reduced by 6 db. For an interfering amplitude-modulated sound signal, a similar carrier offset permits a greater reduction of the protection ratio.

3.2.3.3 *Upper Adjacent-Channel Interference—Bands I, III, IV and V*

Protection ratio: — 12 db.

3.2.4 *Overlapping-Channel Interference*

Figures 44 to 48 give protection ratios for the 525, 625 and 819-line systems when a CW signal or the carrier of an interfering sound or vision signal lies within the channel of the wanted transmission.

When the frequency difference between a wanted signal carrier and an unwanted signal carrier is large and it is desired to use offset to reduce the necessary protection ratio, the line frequency of the wanted signal must be controlled to within 5 parts in 10^6.

Where it affects the result, the ratio of vision power to sound power is assumed to be 3 db for system M and 7 db for the other systems.

3.2.5 *Second Channel (Image Channel) Interference*

The protection ratio required depends upon the intermediate frequency used and upon the second channel rejection of the receiver. For the purposes of planning it may be assumed that the second channel rejection of receivers will not be less than 40 db.

3.2.6 *Protection Ratios between Sound Signals*

(The ratios quoted are those between wanted and unwanted sound signals).

3.2.6.1 *Wanted and Unwanted Sound Signals Frequency-Modulated*

Protection ratio:

— for carriers separated by less than 1000 c/s: 28 db;

— for carriers separated by 5/3 of the line frequency: 20 db.

3.2.6.2 *Wanted and Unwanted Sound Signals Amplitude-Modulated*

Protection ratio:

— for carriers separated by frequency below audio range: 30 db;
— for carriers separated by frequency within audio range: 40 db;
— for carriers separated by frequency above audio range: 15 db.

3.2.6.3 *Wanted Sound Signal Amplitude-Modulated, Unwanted Sound Signal Frequency-Modulated*

Protection ratio:

— for carriers separated by frequency below 1000 c/s: 40 db;
— for carriers separated by 25 kc/s: 30 db;
— for carriers separated by 50 kc/s: 12 db.

3.2.6.4 *Wanted Sound Signal Frequency-Modulated, Unwanted Sound Signal Amplitude-Modulated*

Protection ratio: 30 db.

3.3 *Colour Television*

3.3.1 *Introduction*

The general conditions shown for the case of monochrome television given in paragraph 3.3.2 also apply to colour television.

The protection ratios required by M system and the three variants (G, I, K*) of the 625-line system proposed for use in 8 Mc/s channels in Bands IV and V, when adapted for colour transmission with a colour sub-carrier of 4.43 Mc/s, have been considered. All the ratios given should be regarded as tentative pending decisions upon the type of colour system and the precise parameters to be used. For the purposes of planning, it may be assumed that the power in the chrominance channel at peaks of the colour modulation envelope cannot exceed a value 14 db lower than the power in the main carrier at peaks of the modulation envelope.

3.3.2 *Co-Channel Interference—Protection Ratios for Mutual Interference between any of the three Systems G, I, K**

3.3.2.1 *Carriers Separated by Less than 1000 c/s, but not Synchronized*

Protection ratio: 45 db.

3.3.2.2 *Nominal Carrier Frequencies Separated by 1/3, 2/3, 4/3 or 5/3 of the Line Frequency*

Protection ratio: 30 db.

3.3.2.3 *Carriers Separated by 1/2 or 3/2 of the Line Frequency*

Protection ratio: 27 db.

3.3.3 *Adjacent-Channel Interference*

3.3.3.1 *Lower Adjacent-Channel Interference*

The protection ratios are the same as those quoted for monochrome television in paragraph 3.2.3.2.

3.3.3.2 *Upper Adjacent-Channel Interference*

The protection ratios are the same as those quoted for monochrome television in paragraph 3.2.3.3.

3.3.4 *Protection Ratio Curves*

3.3.4.1 *625-Line NTSC Systems*

The curves of Figure 49 give the estimated protection ratios required by the four variants of the 625-line colour television signal for interference from a CW or frequency-modulated sound signal.

Letters G, I, K* shown on the curves, apply to the corresponding systems.

For frequency differences up to 2.85 Mc/s, the curves are the same as those for the monochrome 625-line systems (see Fig. 46 curves e_1, e_2, e_3). For higher frequency differences, the estimates are based upon the requirements for an adapted NTSC system.

For interfering signals other than CW or frequency-modulated sound, no curves are given as insufficient information is available.

3.3.4.2 *625-Line SECAM System*

The curve shown in Fig. 50 gives the estimated value of the necessary protection ratio required for the 625-line colour television signals (system K*) using the SECAM system, when the interfering signals are non-modulated waves or frequency-modulated sound signals.

3.3.4.3 *525-Line NTSC System*

The curve shown in Fig. 51 gives the protection ratio required for 525-line colour television signals using the NTSC system. The curve is also applicable in the VHF bands.

3.4 *Protection Ratios in the Shared Bands (Television and Fixed Services in Band III)*

3.4.1 *For Interference from the Fixed Service Transmission to the Television Service*

The ratios laid down for the protection of television against a frequency-modulated sound broadcasting signal should also prove adequate for protection against fixed service signals. These protection ratios are given in paragraph 3.3.2.

3.4.2 *For Interference from the Television Service Transmission to the Fixed Service*

The protection ratios given in Fig. 52 were used for planning purposes. The preparation of these curves was based on the following assumption:—

a) 53 db weighted signal-to-interference ratio is required in the worst telephone channel.

b) A 625-line televison system is used with alternative vision/sound carrier spacings of 5.5 Mc/s (System B and G), 6.0 Mc/s (System I) and 6.5 Mc/s (System K*).

3.4.3 In assessing the protection ratio obtained in a given situation due allowance should be made for the directivity of the aerials used.

3.4.4 In the case of telecommunication systems of the fixed service operating with standards inferior to those assumed, the required protection ratio should be adjusted accordingly.

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SECTION 4

Minimum Field Strengths to be Protected

4.1 *FM Sound Broadcasting in the VHF Band*

4.1.1 In the absence of interference from industrial and domestic equipment, a field strength (measured 10 m above ground level) of at least 50 μV/m (34 db above 1 μV/m) can be considered to give an acceptable service;

4.1.2 In the presence of interference from industrial and domestic equipment, a satisfactory service requires a median field strength (measured 10 m above ground level) of at least:

0.25 mV/m in rural areas (48 db above 1 μV/m)
1 mV/m in urban areas (60 db above 1 μV/m)
3 mV/m in large cities (70 db above 1 μV/m)

4.2 *Television*

4.2.1 The median field strength for which protection against interference is planned should never be lower than:

Band	I	III	IV	V
db relative to 1 μV/m	+ 48	+ 55	+ 65	+ 70

4.2.2 The percentage of time for which the protection may be sought should lie between 90 and 99.

Note 1. — In arriving at the figures indicated in paragraph 4.2.1, it has been assumed that, in the absence of interference from other television transmissions and man-made noise, the minimum field strengths at the receiving antenna that will give a satisfactory grade of picture, taking into consideration receiver noise, cosmic noise, antenna gain and feeder loss, are + 47 db relative to 1 μV/m in Band I, + 53 db in Band III, + 62 db in Band IV and + 67 db in Band V.

Note 2. — In practice, because of interference from other television transmissions, the field strengths that can be protected will generally be higher than those quoted in paragraph 4.2.1 and the exact values to be used in the boundary areas between any two countries should be agreed between the Administrations concerned.

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SECTION 5

Planning for Television in Bands I, III, IV and V and for FM Sound Broadcasting in Band II

5.1 *Data to be Taken into Consideration in Establishing a Theoretical Lattice for Channel Distribution*

For planning purposes the following data have to be taken into consideration:

a) total number of channels available;

b) channel separation for co-sited transmitters;

c) separation between channels likely to interfere with each other.

5.2 *Planning for Television in Bands I and III*

Interference is likely to occur in Bands I and III under the following conditions:

— co-channel operation without offset,

— co-channel operation with offset,

— adjacent-channel operation,

— interference by radiation from local oscillators.

It was difficult to prepare a common theoretical lattice for both Bands I and III and for planning the following recommendations were made:

a) Planning of a television network for systems B, I and K* on the basis of a theoretical lattice may be carried out only for Band III (Fig. 53).

b) Planning of a television network for Band I (systems B, I, K*) should be carried out on the basis of the " limiting distances ". The tables appearing in Appendix II to the present Annex show, for Bands I, II, III, IV and V, the " limiting distances " above which two transmitters, working in the same channel, with offset, should be sited to avoid interference, unless other factors (e.g. directional antenna, propagational conditions) are taken into consideration.

The correlation between the channel numbering in Bands I and III and the frequencies is given in the following table:

Channel	System " B "		System " I "		System " K* "	
	Vision	Sound	Vision	Sound	Vision	Sound
1	42.25	46.75	43.25	49.25	43.25	49.75
2	48.25	53.75	52.25	58.25	52.25	58.75
3	55.25	60.75	60.25	66.25	60.25	66.75
4	62.25	67.75	175.25	181.25	175.25	181.75
5	175.25	180.75	183.25	189.25	183.25	189.75
6	182.25	187.75	191.25	197.25	191.25	197.75
7	189.25	194.75	199.25	205.25	199.25	205.75
8	196.25	201.75	207.25	213.25	207.25	213.75
9	203.25	208.75	215.25	221.25	215.25	221.75
10	210.25	215.75	—		—	
11	217.25	222.75	—		—	
	Mc/s		Mc/s		Mc/s	

5.3 *Planning for Television in Bands IV and V*

Interference is likely to occur under the following conditions:

— co-channel operation without offset,
— co-channel operation with offset,
— adjacent-channel operation,
— second (image) channel,
— interference by radiation from local oscillators,
— interference caused by an intermediate frequency beat.

Differing views were expressed concerning the relative importance of these types of interference, but it was agreed that the separation distances for local oscillator, adjacent-channel and image channel conditions should be of the same order of magnitude.

On the basis of the following conditions a theoretical lattice has been prepared for all the 61 channels available in Bands IV and V (Fig. 54).

System	Differences in channel numbers										
	2	3	4	5	6	7	8	9	10	11	12
K*				o	w			s	s		
G, H		w	i	o, i	w			s			
I		w		o	w			s	s		

w indicates preferred conditions for co-sited transmitters,

o (interference by radiation from local oscillators) indicates unacceptable conditions,

s (second (image) channel) indicates unacceptable conditions,

i (interference caused by an IF beat) indicates unacceptable conditions.

5.4 *Planning in FM Sound Broadcasting Band II*

A channel distribution using a theoretical lattice for Band II in the African Broadcasting Area should fulfil the following conditions:

a) sufficient geometrical separations for carrier separations varying from approximately 600 kc/s to common-channel operation; if possible the geometrical separation should increase regularly with decreasing carrier separation,

b) possibility of avoiding interference to reception of Band III television stations due to the radiation of harmonics from the oscillators of Band II receivers operated in the immediate neighbourhood of the Band III receivers,

c) at least 3 programmes (three frequencies) per site should be envisaged; this site would normally be identical with the site of a VHF television transmitter,

d) the use of inexpensive receivers and simple receiving aerials which may need high protection,

e) when broadcasting stations are used for " rebroadcasting " programmes, geographically adjacent stations must, as far as possible, be assigned frequencies at least 800 kc/s or so apart.

The lattice for Band II (Fig. 55) has the following characteristics:

— 144 channels in Band II (87.5-100 Mc/s), spaced by 86 kc/s;
— 46 sites available; each site offering 3 frequencies and a fourth frequency at six of these sites;
— the correlation between channel numbers and frequencies is given in the table reproduced hereafter.

CHANNEL NUMBERS 87.5 — 100 Mc/s

Channel Nº	Frequency Mc/s	Channel Nº	Frequency Mc/s	Channel Nº	Frequency Mc/s	Channel Nº	Frequency Mc/s
1	87.604	46	91.474	91	95.344	136	99.214
2	87.690	47	91.560	92	95.430	137	99.300
3	87.776	48	91.646	93	95.516	138	99.386
4	87.862	49	91.732	94	95.602	139	99.472
5	87.948	50	91.818	95	95.688	140	99.558
6	88.034	51	91.904	96	95.774	141	99.644
7	88.120	52	91.990	97	95.860	142	99.730
8	88.206	53	92.076	98	95.946	143	99.816
9	88.292	54	92.162	99	96.032	144	99.902
10	88.378	55	92.248	100	96.118		
11	88.464	56	92.334	101	96.204		
12	88.550	57	92.420	102	96.290		
13	88.636	58	92.506	103	96.376		
14	88.722	59	92.592	104	96.462		
15	88.808	60	92.678	105	96.548		
16	88.894	61	92.764	106	96.634		
17	88.980	62	92.850	107	96.720		
18	89.066	63	92.936	108	96.806		
19	89.152	64	93.022	109	96.892		
20	89.238	65	93.108	110	96.978		
21	89.324	66	93.194	111	97.064		
22	89.410	67	93.280	112	97.150		
23	89.496	68	93.366	113	97.236		
24	89.582	69	93.452	114	97.322		
25	89.668	70	93.538	115	97.408		
26	89.754	71	93.624	116	97.494		
27	89.840	72	93.710	117	97.580		
28	89.926	73	93.796	118	97.666		
29	90.012	74	93.882	119	97.752		
30	90.098	75	93.968	120	97.838		
31	90.184	76	94.054	121	97.924		
32	90.270	77	94.140	122	98.010		
33	90.356	78	94.226	123	98.096		
34	90.442	79	94.312	124	98.182		
35	90.528	80	94.398	125	98.268		
36	90.614	81	94.484	126	98.354		
37	90.700	82	94.570	127	98.440		
38	90.786	83	94.656	128	98.526		
39	90.872	84	94.742	129	98.612		
40	90.958	85	94.828	130	98.698		
41	91.044	86	94.914	131	98.784		
42	91.130	87	95.000	132	98.870		
43	91.216	88	95.086	133	98.956		
44	91.302	89	95.172	134	99.042		
45	91.388	90	95.258	135	99.128		

The interference mentioned under point b) above was avoided by using the rules contained in the following table:

	The channel numbers shown on the same line should not be used at the same site when the IF for Band II is 10.7 Mc/s, and the oscillator is *above* the wanted frequency:		The channel numbers shown on the same line should not be used at the same site when the IF for Band II is 10.7 Mc/s, and the oscillator is *below* the wanted frequency:	
Television system	Television channel No.	Band II channel No.	Television channel No.	Band II channel No.
K*	6	1 10	4	116 144
	7	7 55		
	8	53 102		
	9	100 144		
B	8	1 32	5	119 144
	9	33 73		
	10	74 113		
	11	114 144		

It may be seen from Fig. 55 that one of the three or four channel numbers in the lattice may not be used at a few sites; it must then be replaced by another channel number.

Figs. 56 and 57 may be used to assess more precisely the severeness of interference to reception of Band III television stations due to the radiation of harmonics from the oscillators of Band II receivers as shown in the above table in a general form. The abscissae show the FM channel numbers. The ordinate values are the protection ratios needed for the television channels indicated. The shaded parts indicate that a protection between 40 and 50 db is required; if it is not intended to use colour television, only the FM channels marked " mono " require this protection.

5.5 *Practical Application of Theoretical Patterns of Channel Distribution*

5.5.1 The theoretical lattices for planning in Bands II, IV and V were used in the following way. The African Broadcasting Area was divided into quadrilaterals which meet certain conditions; one of these is that the number of transmitters (not transmitter sites) in each quadrilateral must not exceed the number of channels available in that region. By arranging for the number of transmitters to be at least 10% to 20% less, depending on the severity of conditions to be met (such as may be imposed by population density, topography or other factors) the flexibility required can be achieved. For instance, for regions in which a large number of relay stations and low-powered transmitters were projected, the actual amount of this margin between the number of transmitters and the number of frequencies available would be greater than in other regions.

5.5.2 As far as Band III is concerned, the theoretical lattice was used only for preparatory work.

5.5.3 Maps of Africa showing the theoretical lattices established for Bands II, III, IV and V appear in Figures 60, 61 and 62.

5.6 *Frequency Offset for UHF Co-Channel Transmitters*

When assigning channels to stations with the aid of a given theoretical lattice it is not necessary to fix the actual absolute value of the offset for co-channel transmitters. It is sufficient to bear in mind that two transmitters sited at the ends of the long diagonals of the quadrilaterals must have greater mutual separations (non-offset minimum distance, protection ratio 45 db) than those sited at the ends of the sides (or the short diagonal) of the quadrilaterals (offset minimum distance, protection ratio 30 db). This is shown in Figure 58.

As the entire African Broadcasting Area has been planned with one theoretical pattern and one network of quadrilaterals, the actual offset values for all stations and for all channels could be fixed in the manner shown in Figure 59.

This means that all stations in a given quadrilateral would be offset from the nominal frequency by either:

+ 2/3 of the line-frequency (sign +),

or — 2/3 of the line-frequency (sign —),

or not offset with respect to the line-frequency (sign 0).

The comparison of Figures 58 and 59 together with the map in Figure 62, shows how the offset and non-offset conditions are then fulfilled.

5.7 *Definition of Service Area*

The boundaries of the service area of a station are given by the distances from the transmitter at which the field strength of the wanted signal at 50% of locations during 50% of the time has a value equal to that of the so-called " protected field strength ", as determined according to Section 5.8 below.

The value of the protected field strength depends upon the grade of service chosen.

Three different grades of service A, B and C were considered:

Grade	Percentage	
	Locations	Time
A	70%	99% *)
B	50%	99% *)
C	45%	90%

5.8 *Multiple Interference*

5.8.1 To assess the effects of interference from a number of sources, it is recommended that the method known as the " simplified multiplication method " should be adopted. This method is fully described in the undermentioned publications:

a) " Report of the Ad Hoc Committee for the Evaluation of the Radio Propagation Factors concerning the Television and Frequency Modulation Broadcasting Service in the Frequency Range between 50 and 250 Mc/s " Volumes I and II, and References C-M. FCC, July, 1950.

b) R. Gressmann, K.H. Kalbeitzer " Vereinfachte Verfahren zur Bestimmung der Versorgungswahrscheinlichkeit und deren Anwendung auf UKW-Netzplanung ". Tech. Hausmitt. d. NWDR, June, 1952.

*) Where there was oversea propagation 95% of the time was taken as the value instead of 99% of the time.

c) " Principles of Technical Planning of the Transmitting Television and Sound Broadcasting " (in Russian), Sviazizdat, Moscow, 1960.

The protection margin r(Li) is first determined for each source of interference (i) by applying the following formula:

$$r(Li) = A + F_u(50,T) + P_u - F_w(50,50) - P_w + g$$

where:

A = protection ratio (in db)

$F_u(50,T)$ = Field strength for 1 kw radiated power (in db) of the unwanted transmitter for 50% of locations and T% of time

T = is the percentage of time during which interference is admitted, in particular T = 1% for grades of service A and B, T = 10% for grade of service C as defined in paragraph 5.7

P_u = Effective radiated power (in db) of the unwanted transmitter

$F_w(50,50)$ = Field strength for 1 kw radiated power of the wanted transmitter for 50% of locations and 50% of time

P_w = Effective radiated power (in db) of the wanted transmitter

g = Discrimination (in db) obtained by the use of directional receiving antennae, as given in Figure 42.

Figures 38 and 40 give the function r(L) for VHF and for UHF respectively, the value Li for each of the interfering sources may be determined from these figures. This value Li gives the percentage of locations, where the wanted signal does not suffer from interference for at least (100—T)% of the time, as far as the particular source of interference is concerned.

The percentage of locations L, where the wanted signal does not suffer from interference from the totality of all the sources of interference, is then obtained by multiplying the individual percentage of location, thus, for n sources of interference,

$$L = \frac{L_1}{100} \cdot \frac{L_2}{100} \cdot \frac{L_3}{100} \cdots \frac{L_n}{100} \cdot 100$$

Should this product be equal to or greater than the required degree of protection, i.e. 50% or 45% or whatever value has been chosen as acceptable (see paragraph 5.7), the wanted signal is adequately protected.

If the product is less than the required figure, this means that the protection is inadequate at the distance corresponding to the field-strength $F_w(50,50)$ from the wanted transmitter. A higher value of $F_w(50,50)$ must then be chosen and the calculation repeated. Linear interpolation, either graphically or using an interpolation formula, then enables the wanted field strength which just gives the required percentage probability of protection to be obtained.

Once familiarity with the procedure has been acquired, the amount of the increase in wanted field strength, required to make the product of the probabilities just exceed the required figure, can be judged with sufficient accuracy to reduce the number of trial calculations necessary. These calculations may be simplified by preparing tables or curves giving the quantity $-10^5 \log_{10}$ of the probability as a function of the margin, or deviation, this quantity may be called the " logarithmic index ". In order to multiply the separate probabilities, it is then only necessary to add these logarithmic indices and their sum is then the logarithmic index of the product.

5.8.2 Attention is drawn to the statistical nature of the result and the somewhat pessimistic prediction of coverage given by this method. Engineering judgment must always be used in interpreting the results obtained by either manual or automatic computation, in deciding whether a station has acceptable coverage.

5.8.3 An average allowance of 4 db can be made in the initial preparation of a draft plan for the effect of multiple interference. It must be emphasized that this is an average value; the actual value will be greater or less, according to the degree to which the station concerned is surrounded by other stations producing interference.

5.8.4 Attention is also drawn to the following points:

— The effects of topography on propagation can only be taken into account to a limited extent in electronic calculation by any method.

— Manual computation by the " simple multiplication " method will be assisted considerably if the " logarithmic index " system described in paragraph 5.8.1 above is adopted. Suitable tables or graphs for this purpose can be readily prepared from standard statistical tables. This system will also facilitate the essential final step of interpolation.

— Overseas propagation could involve difficulties for entirely electronic computation. Further study is required on this point, but a combination of manual and electronic calculations would overcome possible difficulties which might arise.

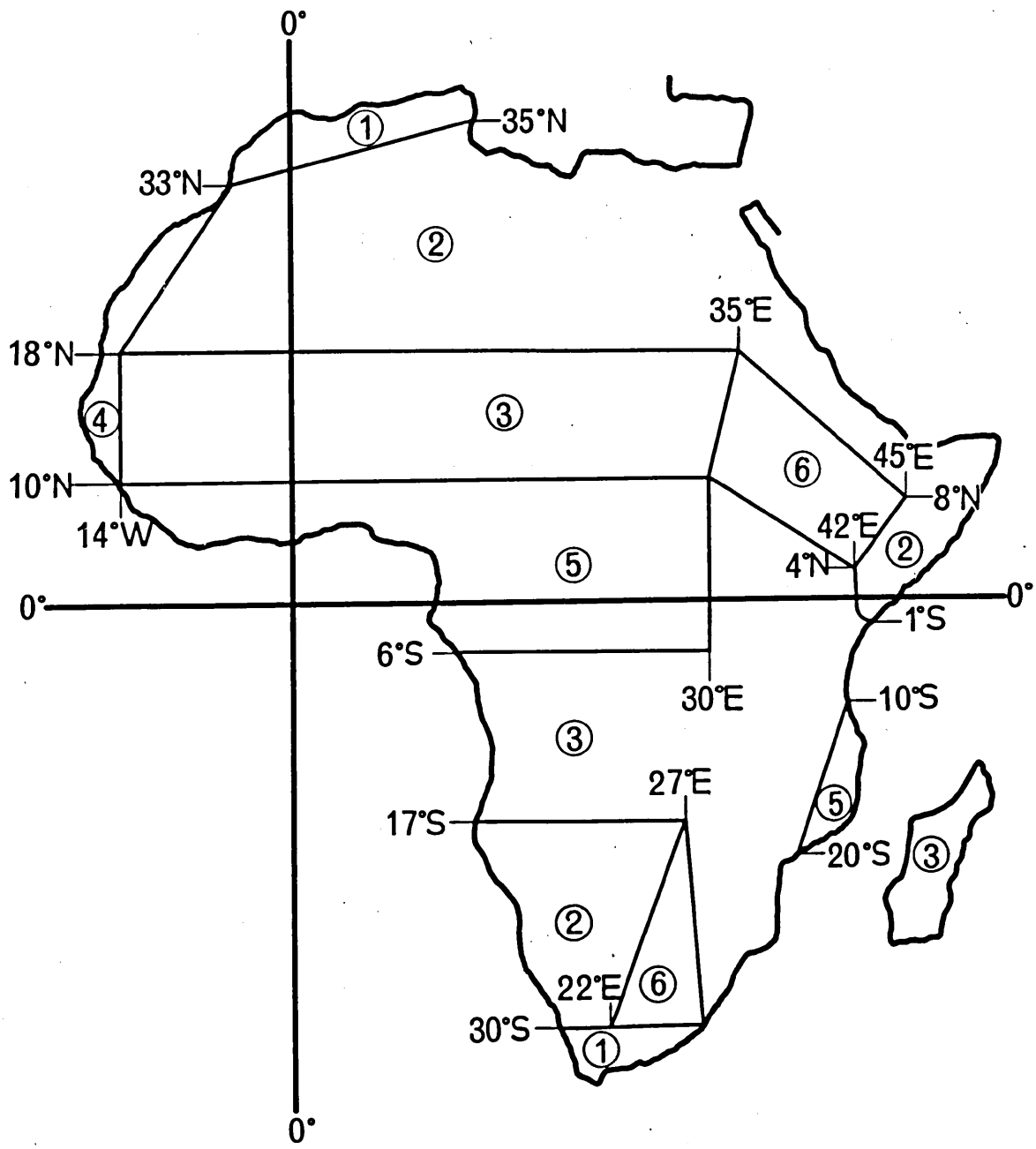

0°
35°N
33°N
35°E
18°N
45°E
8°N
10°N
14°W
42°E
4°N
0°
1°S
6°S
30°E
10°S
27°E
17°S
20°S
22°E
30°S
0°

FIGURE 1

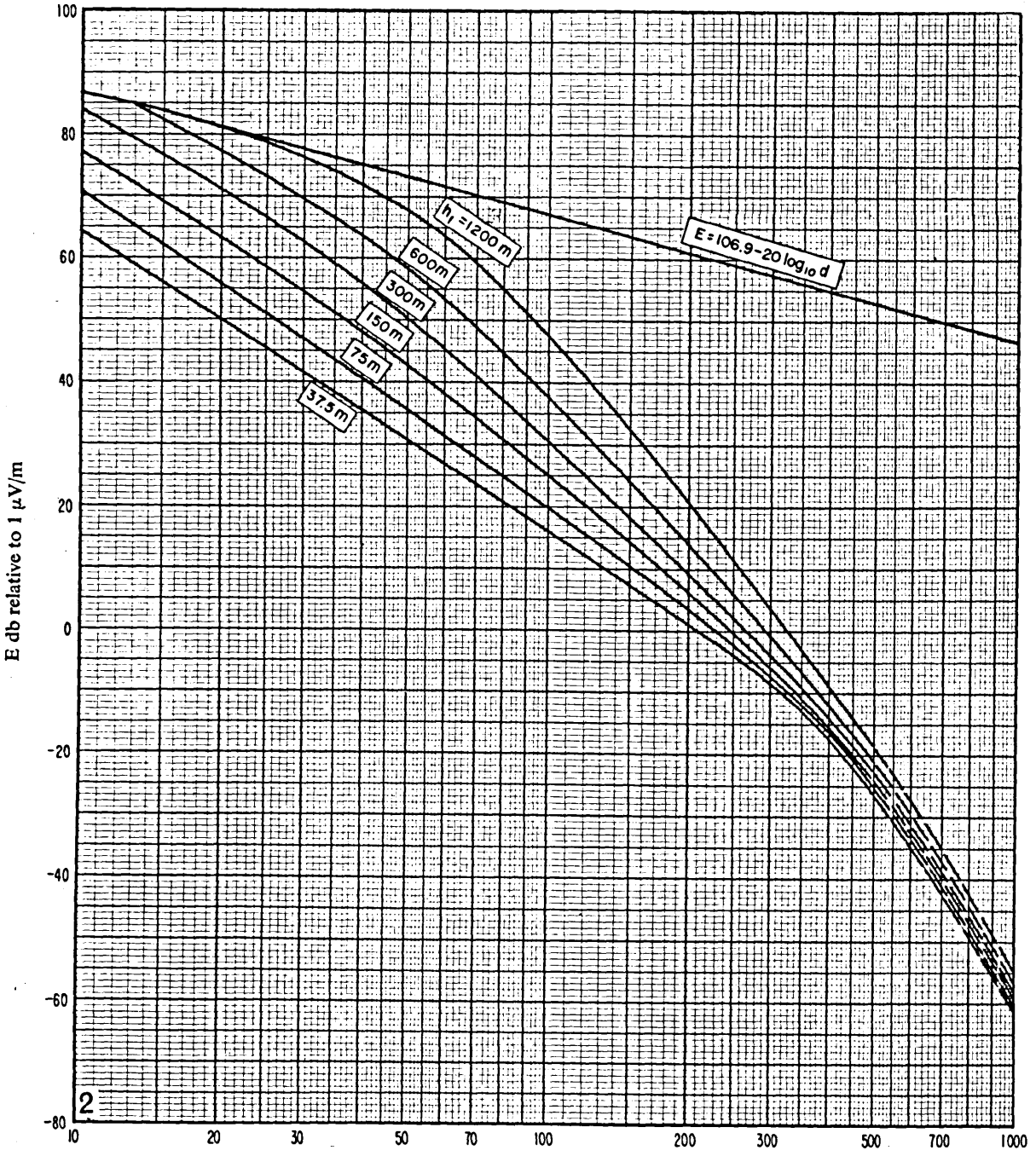


FIGURE 2

Temperate (Mediterranean)

E (50,50) 40–250 Mc/s $h_2 = 10$ m

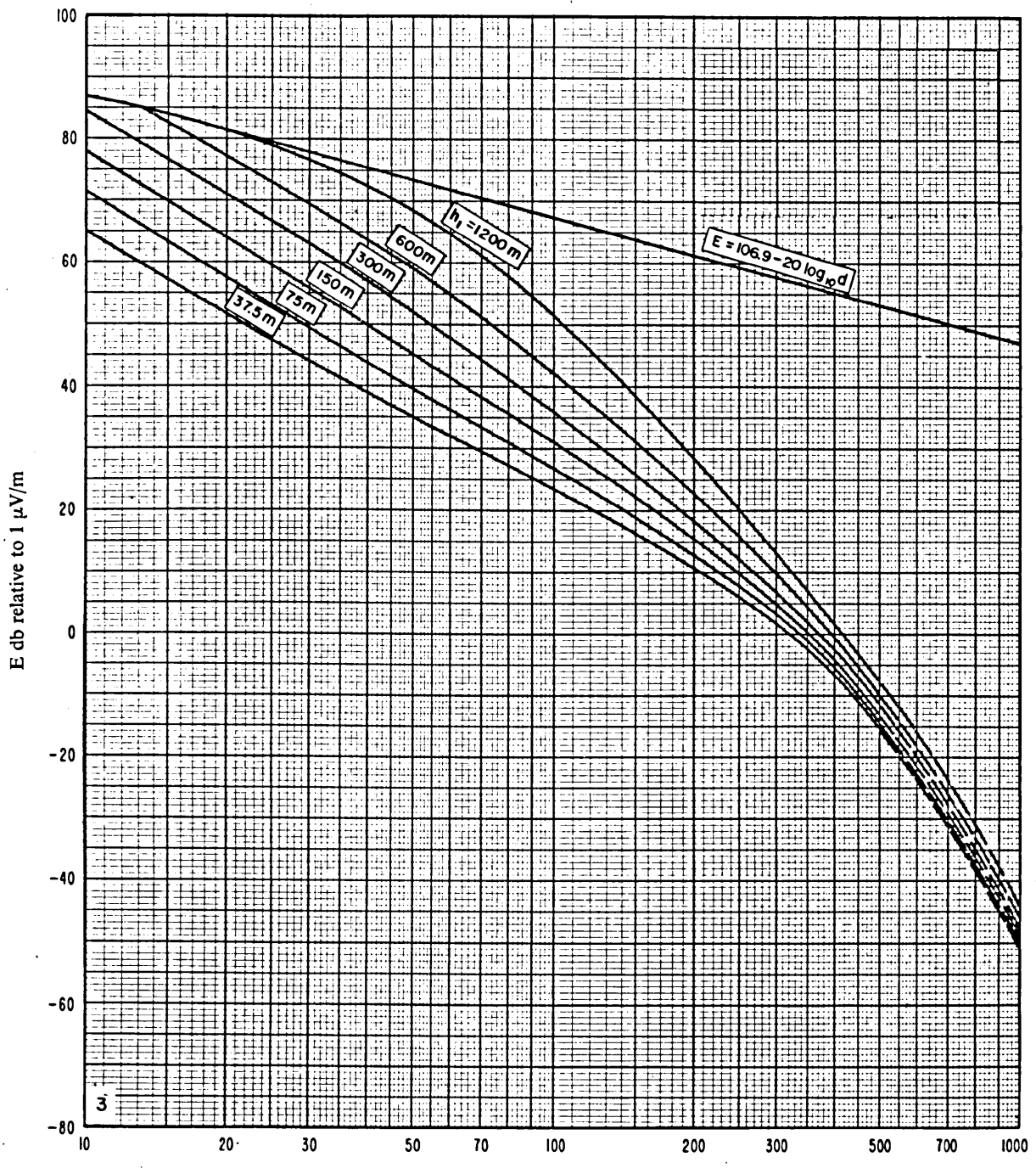


FIGURE 3

Temperate (Mediterranean)

E (50,10) 40–250 Mc/s h_2 = 10 m

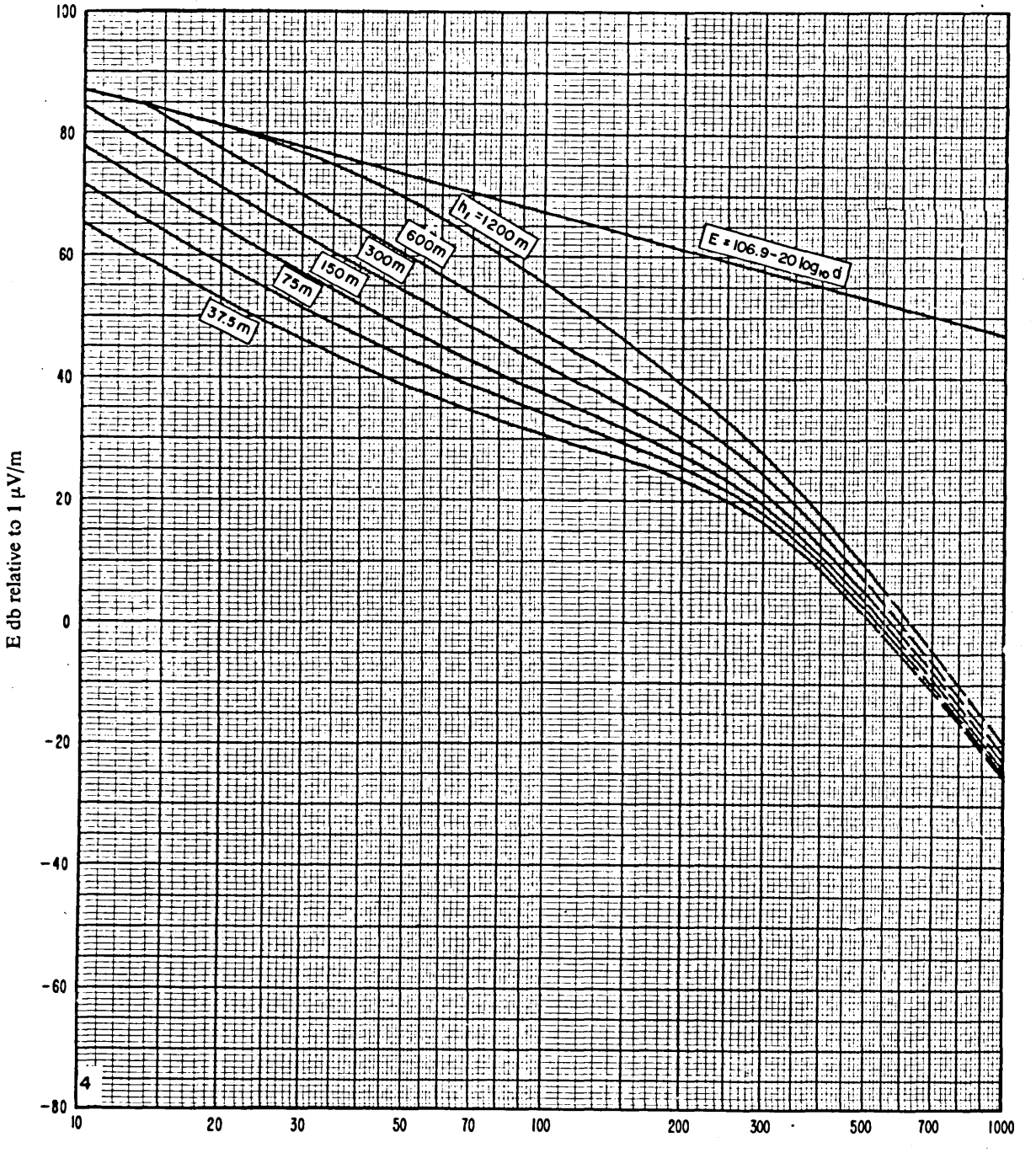


FIGURE 4

Temperate (Mediterranean)

E (50,1) 40–250 Mc/s h_2 = 10 m

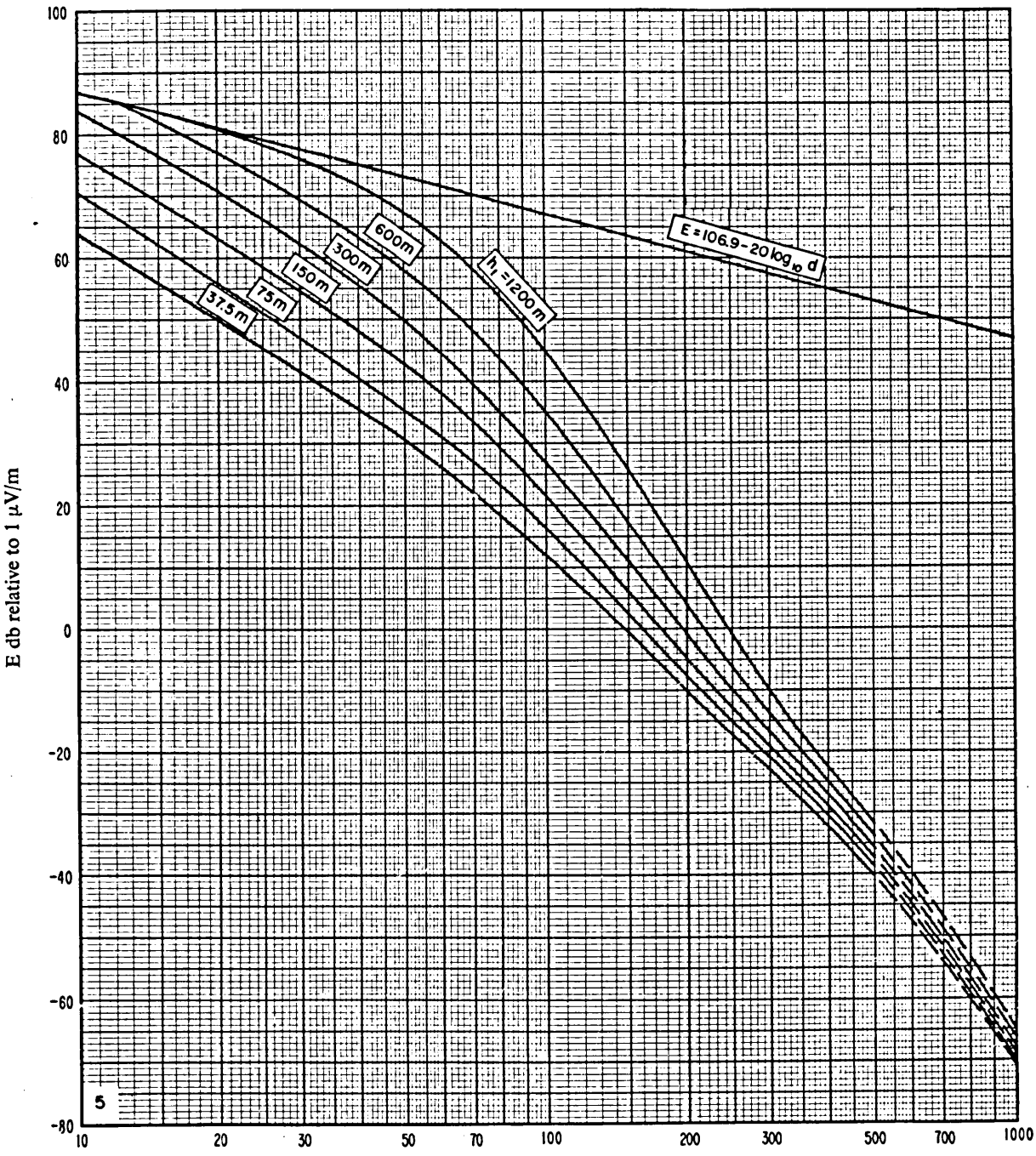


FIGURE 5

Desert (Saharan)

E (50,50) 40–250 Mc/s $h_2 = 10$ m

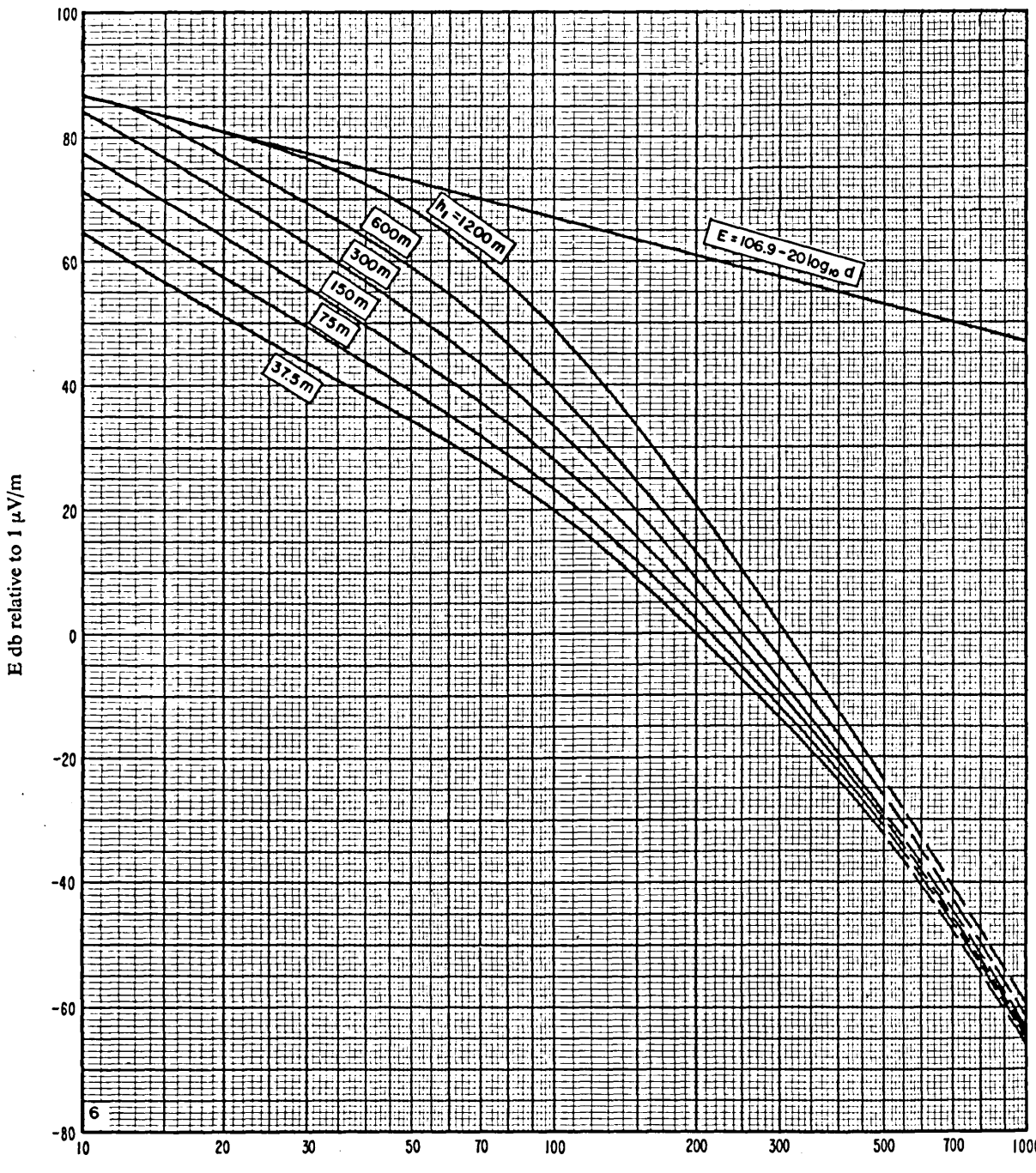


FIGURE 6

Desert (Saharan)

E (50,10) 40–250 Mc/s h_2 = 10 m

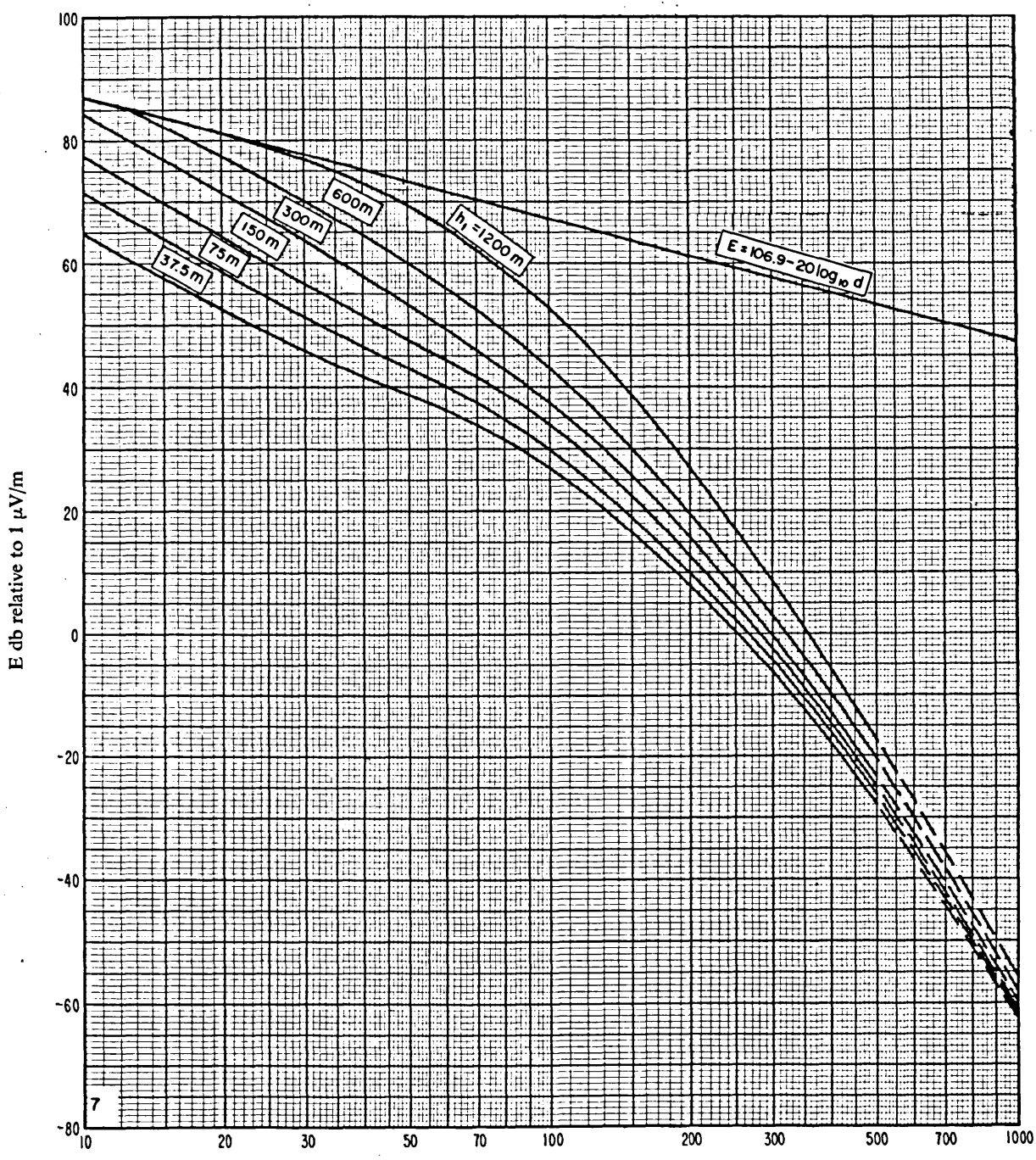


FIGURE 7

Desert (Saharan)

E (50,1) 40–250 Mc/s h_2 = 10 m

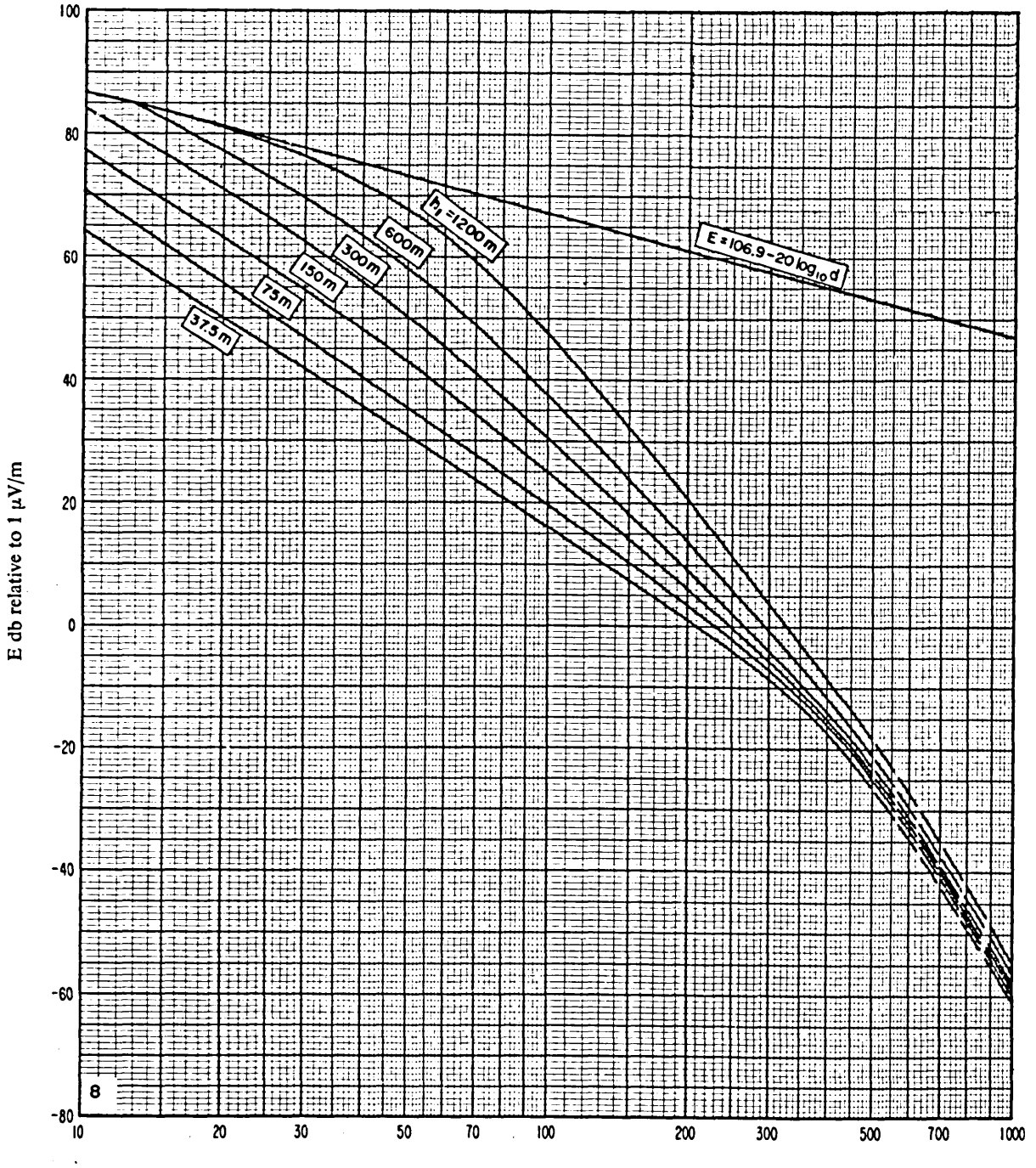


FIGURE 8

Sub-tropical (Continental)

E (50,50) 40–250 Mc/s h_2 = 10 m

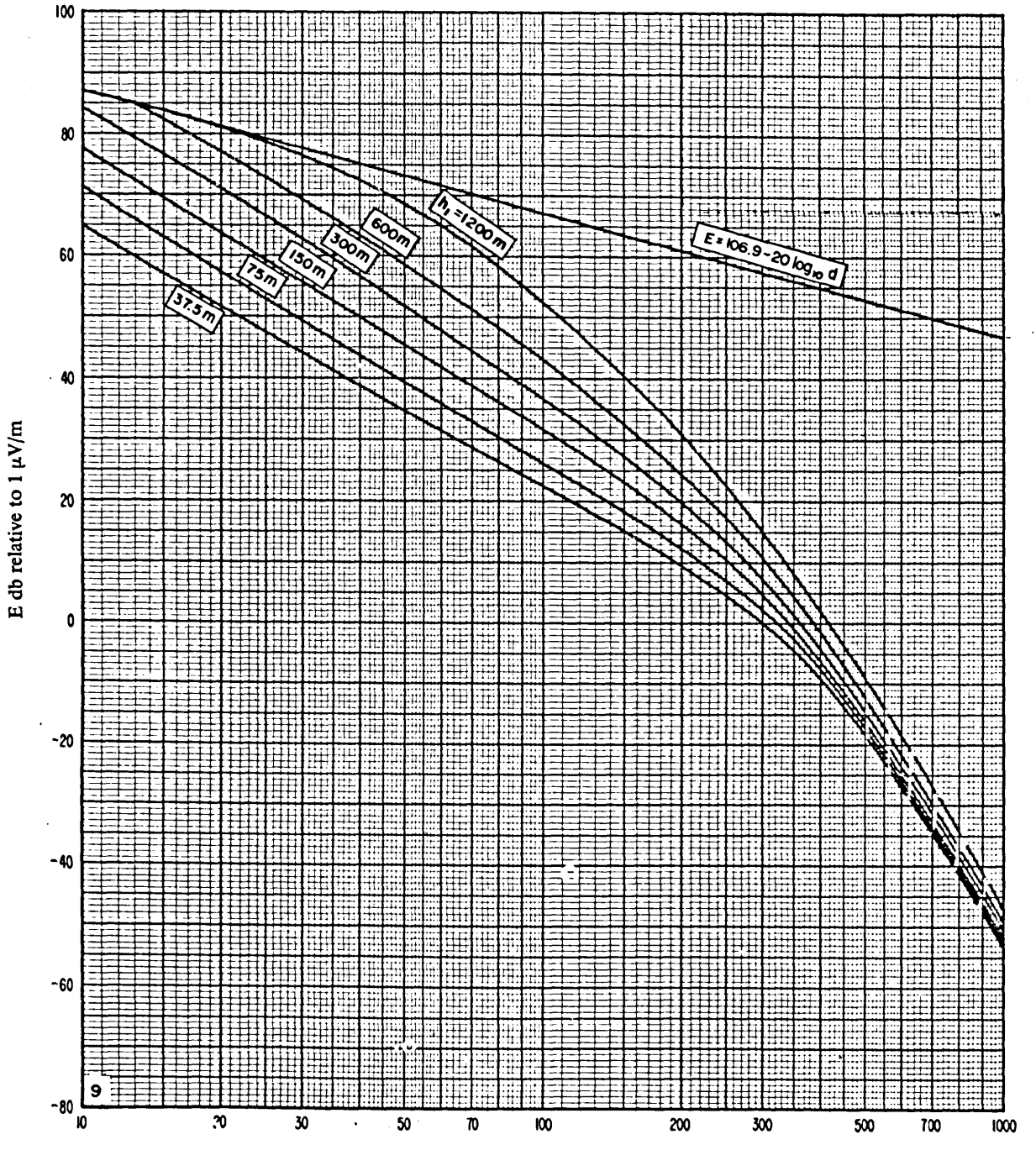


FIGURE 9

Sub-tropical (Continental)

E (50,10) 40–250 Mc/s h_2 = 10 m

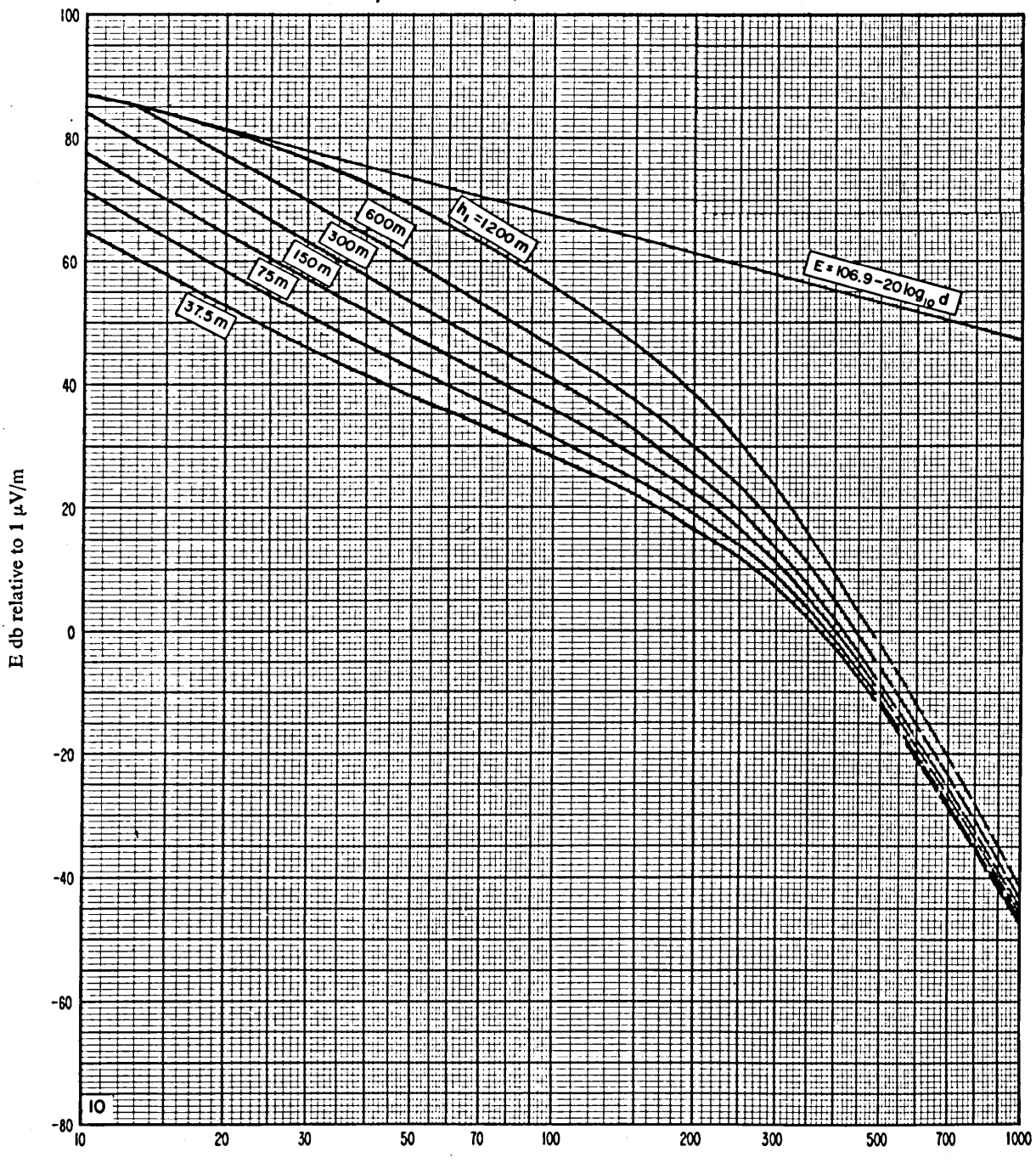


FIGURE 10

Sub-tropical (Continental)

E (50,1) 40–250 Mc/s h_2 = 10 m

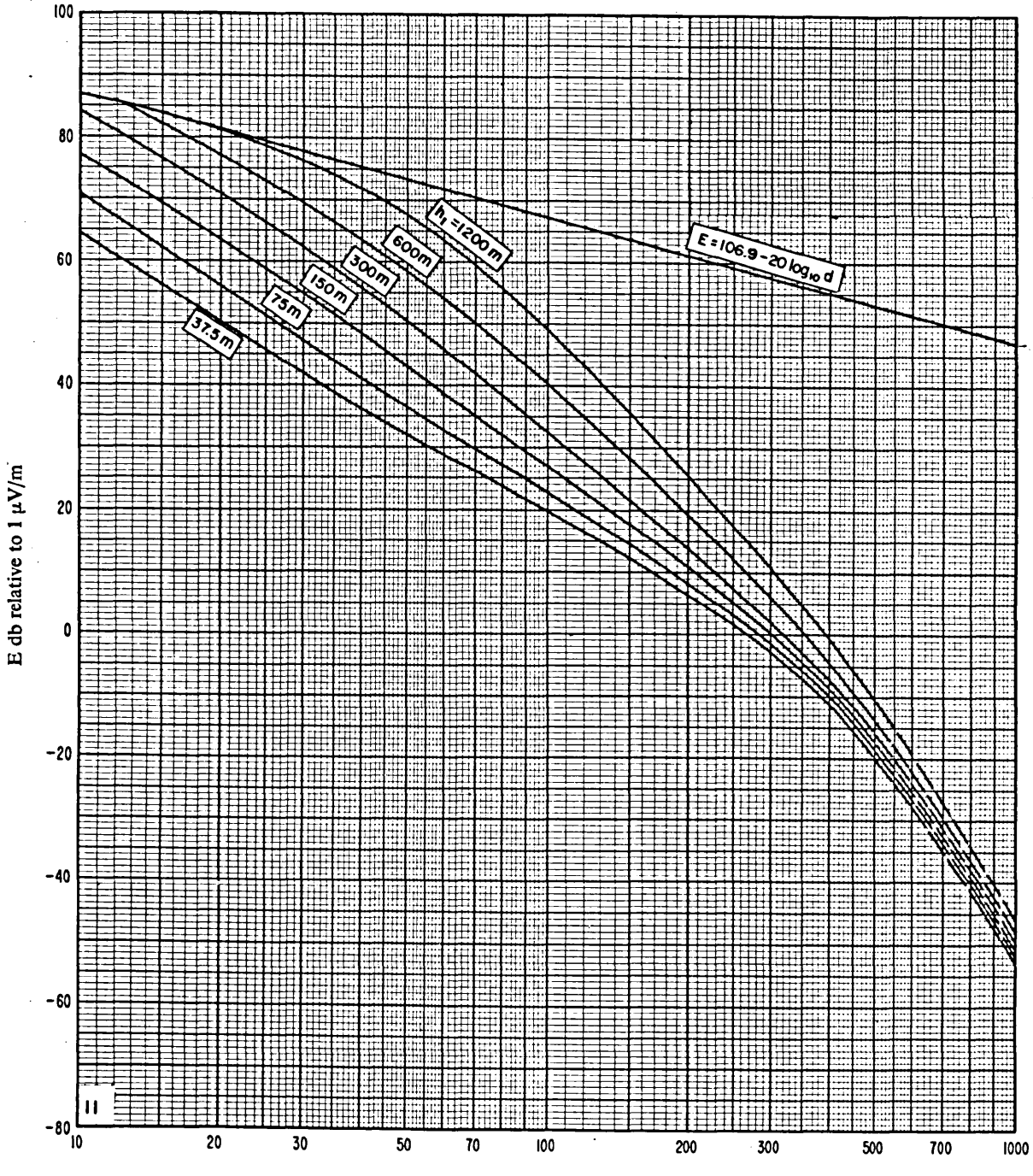


FIGURE 11

Sub-tropical (Maritime)

E (50,50) 40–250 Mc/s h_2 = 10 m

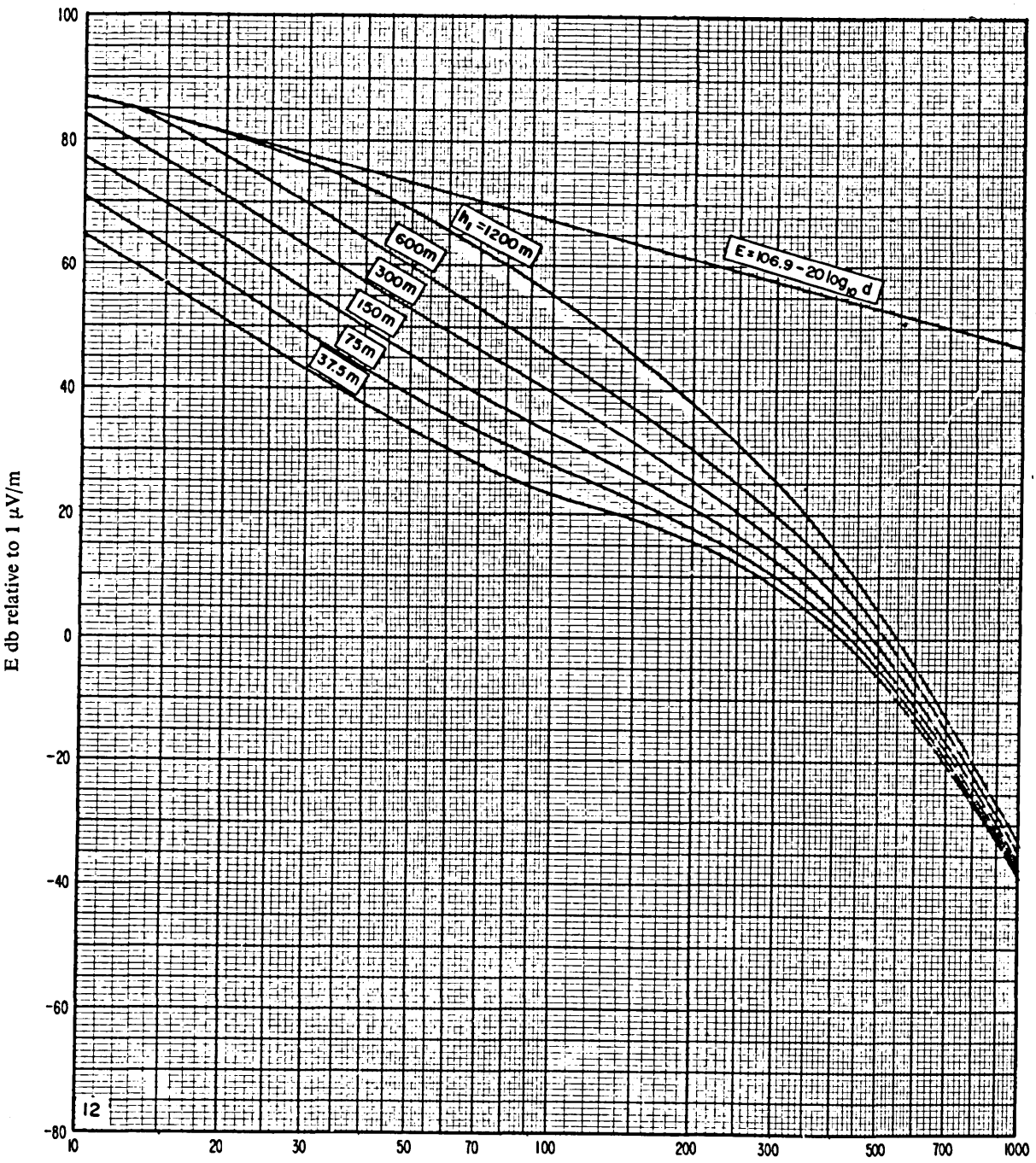


FIGURE 12

Sub-tropical (Maritime)

E (50,10) 40–250 Mc/s $h_2 = 10$ m

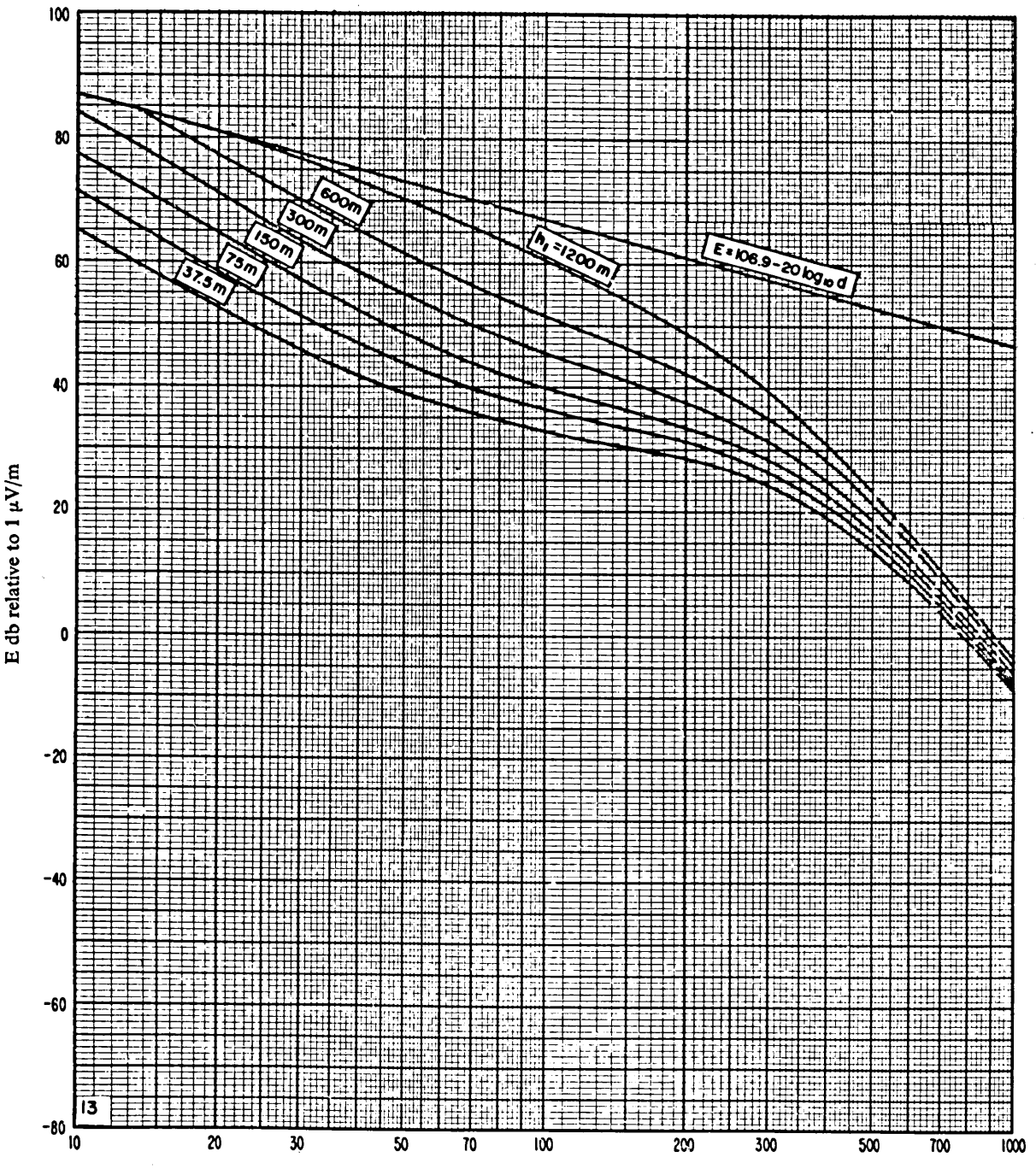


FIGURE 13

Sub-tropical (Maritime)

E (50,1) 40–250 Mc/s h_2 = 10 m

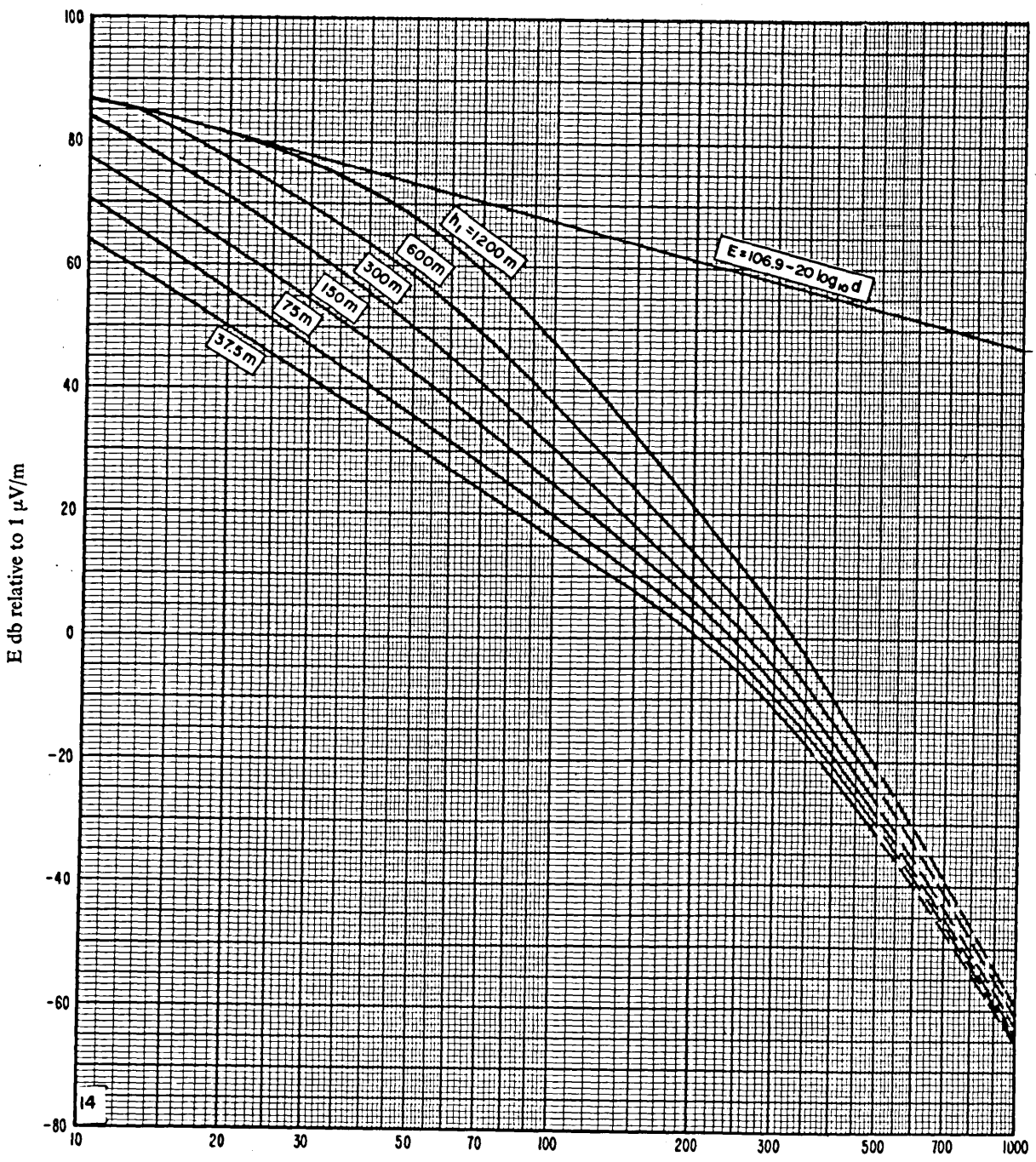


FIGURE 14

Equatorial

E (50,50) 40–250 Mc/s $h_2 = 10$ m

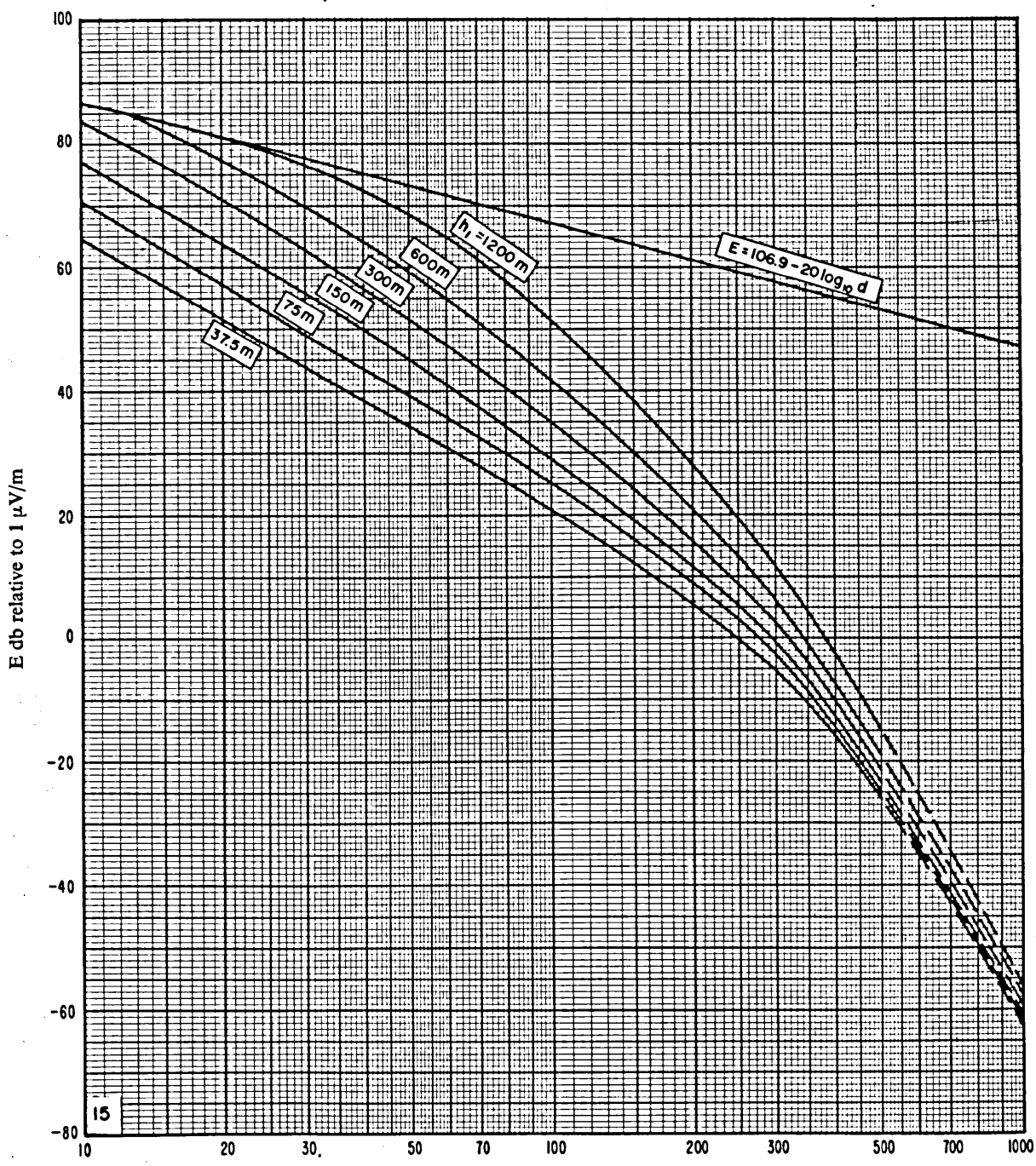


FIGURE 15

Equatorial

E (50,10) 40–250 Mc/s $h_2 = 10$ m

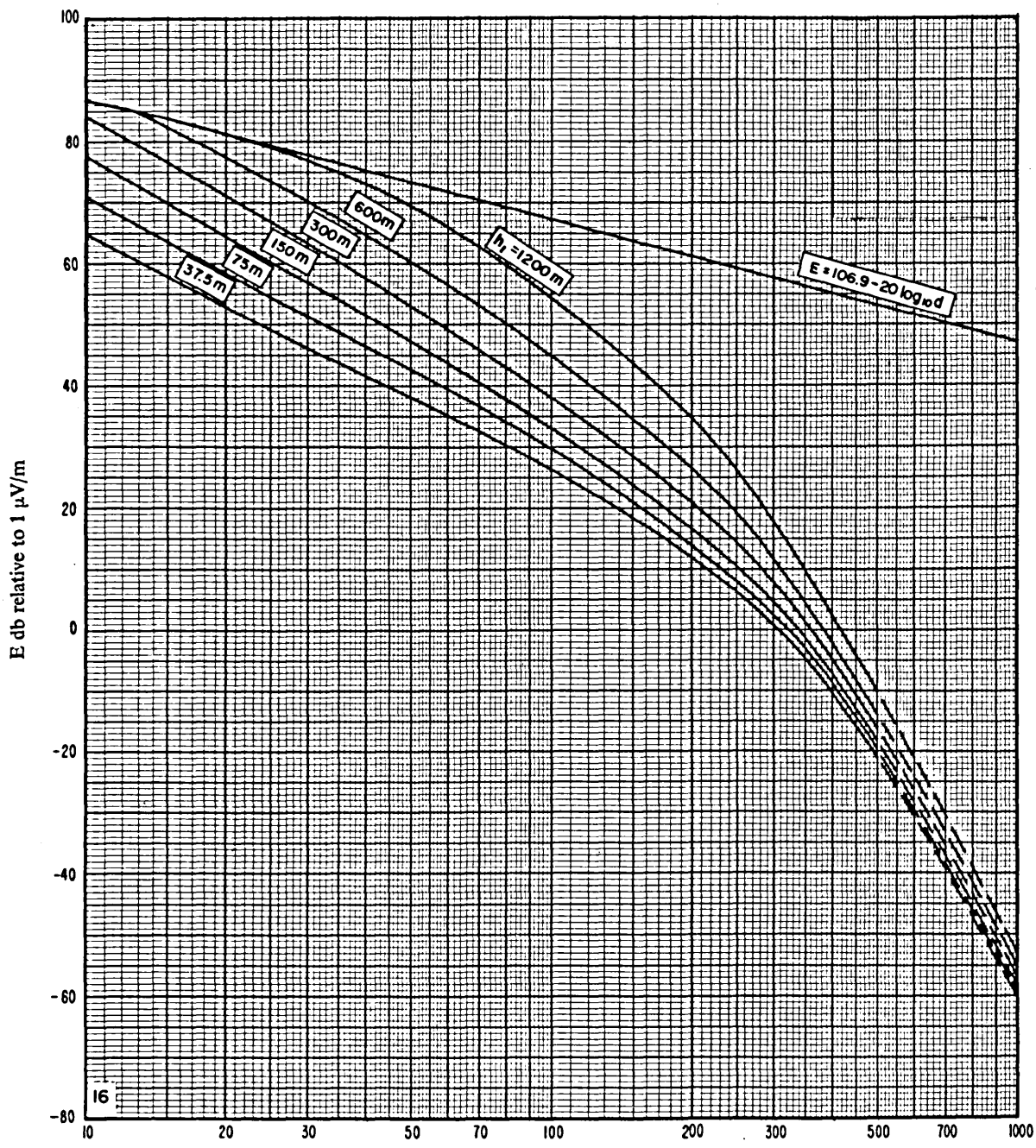


FIGURE 16

Equatorial

E (50,1) 40–250 Mc/s h_2 = 10 m

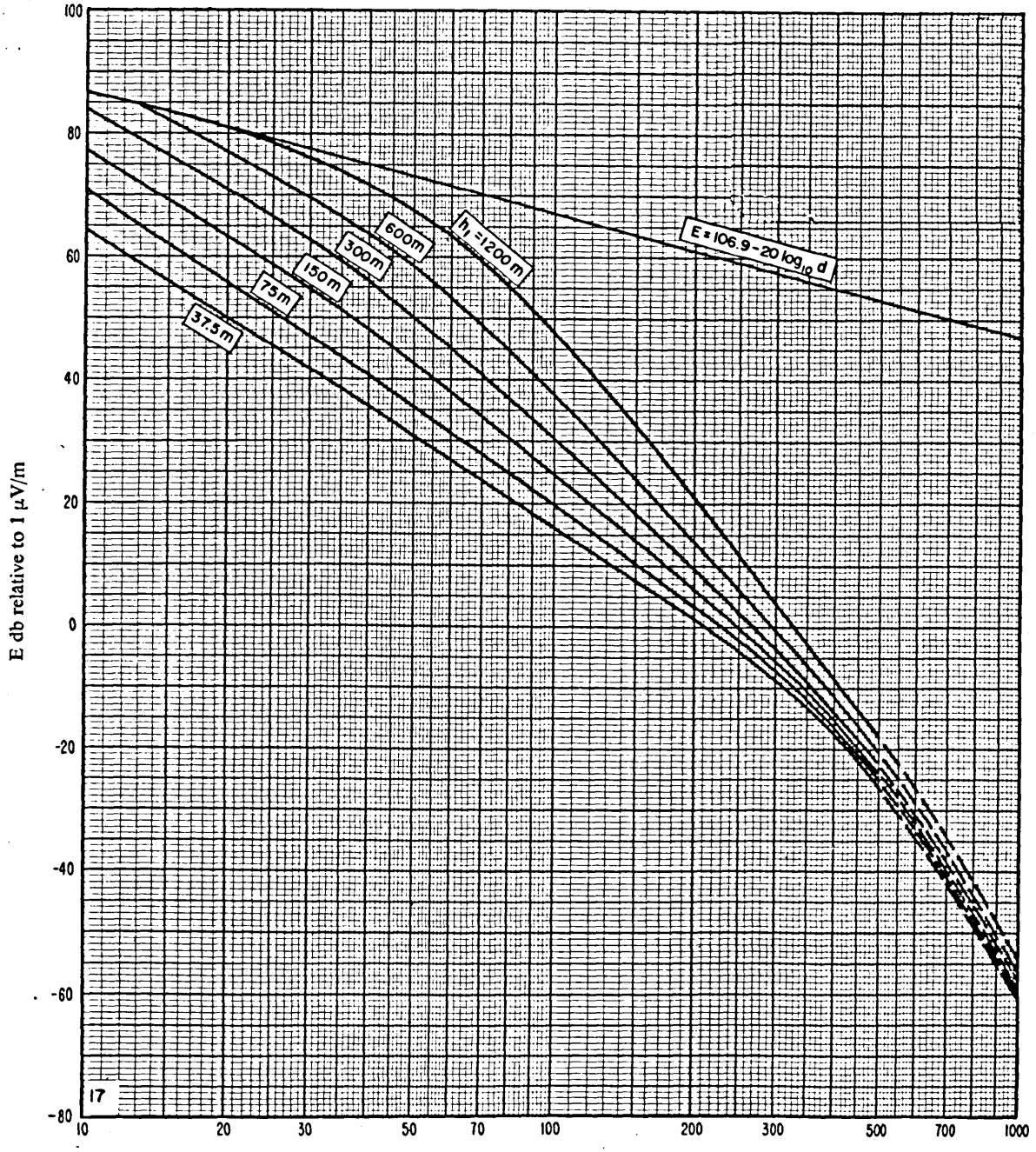


FIGURE 17

Temperate (Continental)

E (50,50) 40–250 Mc/s $h_2 = 10$ m

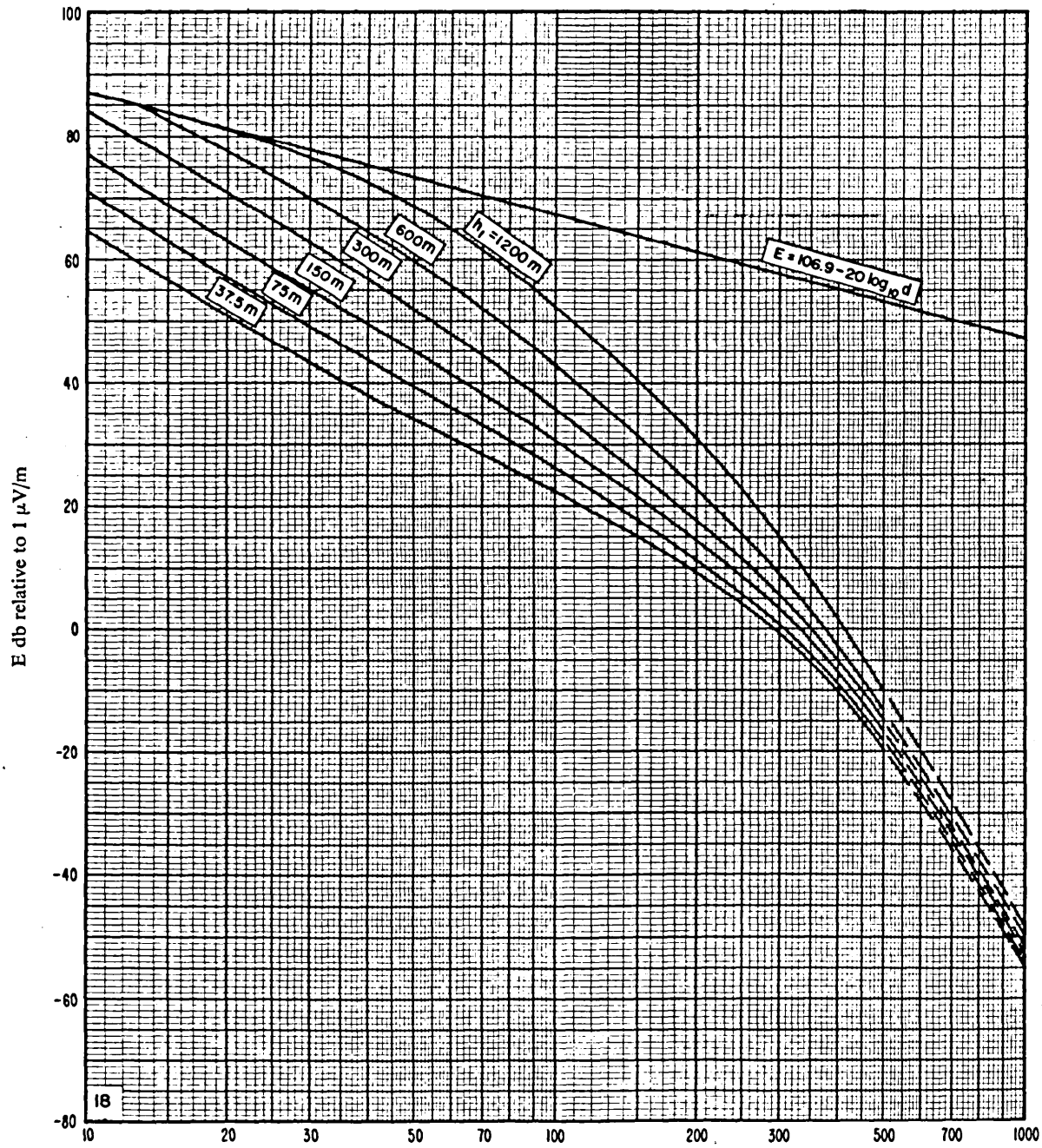


FIGURE 18

Temperate (Continental)

E (50,10) 40–250 Mc/s h_2 = 10 m

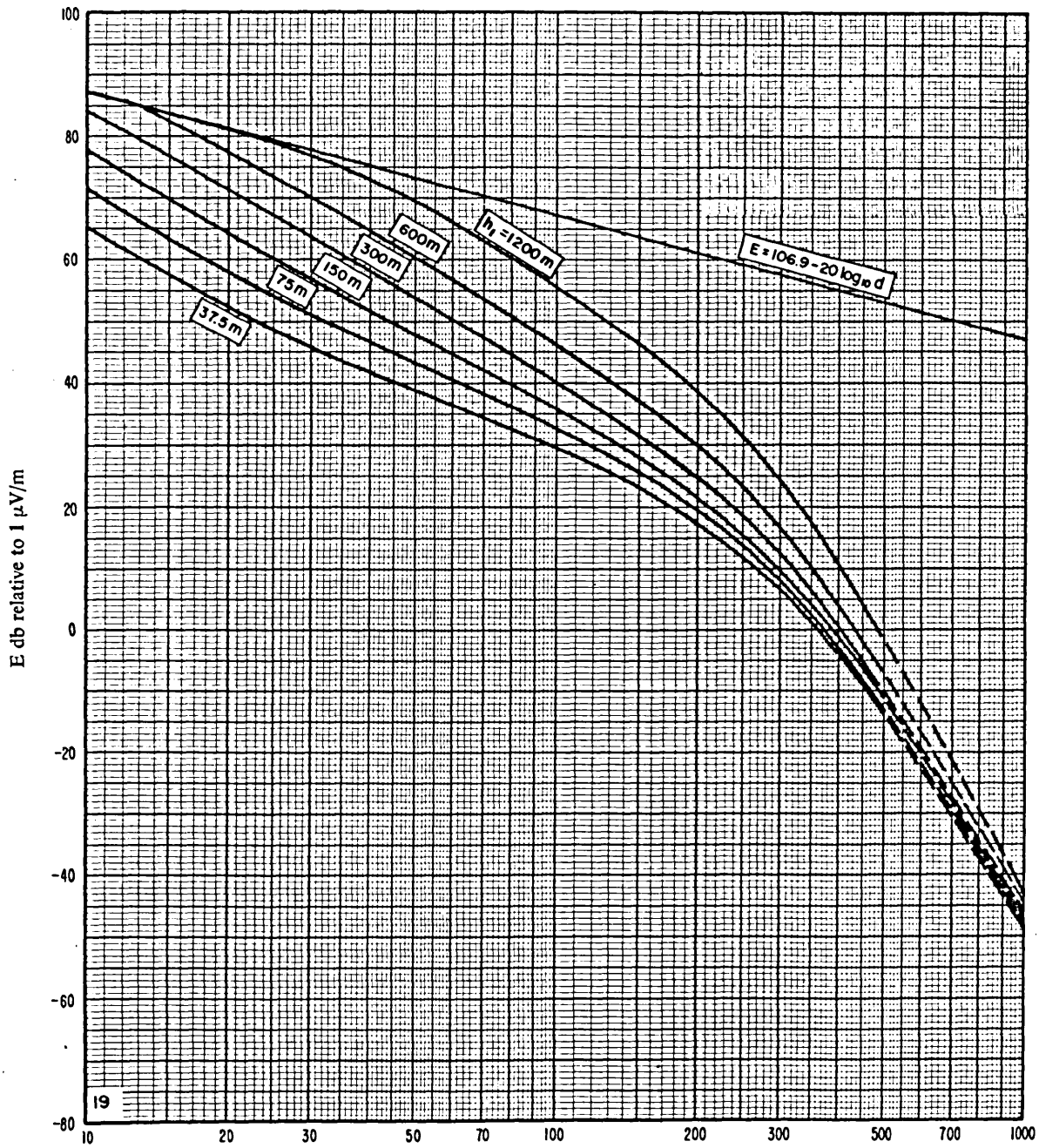


FIGURE 19

Temperate (Continental)

E (50,1) 40–250 Mc/s h_2 = 10 m

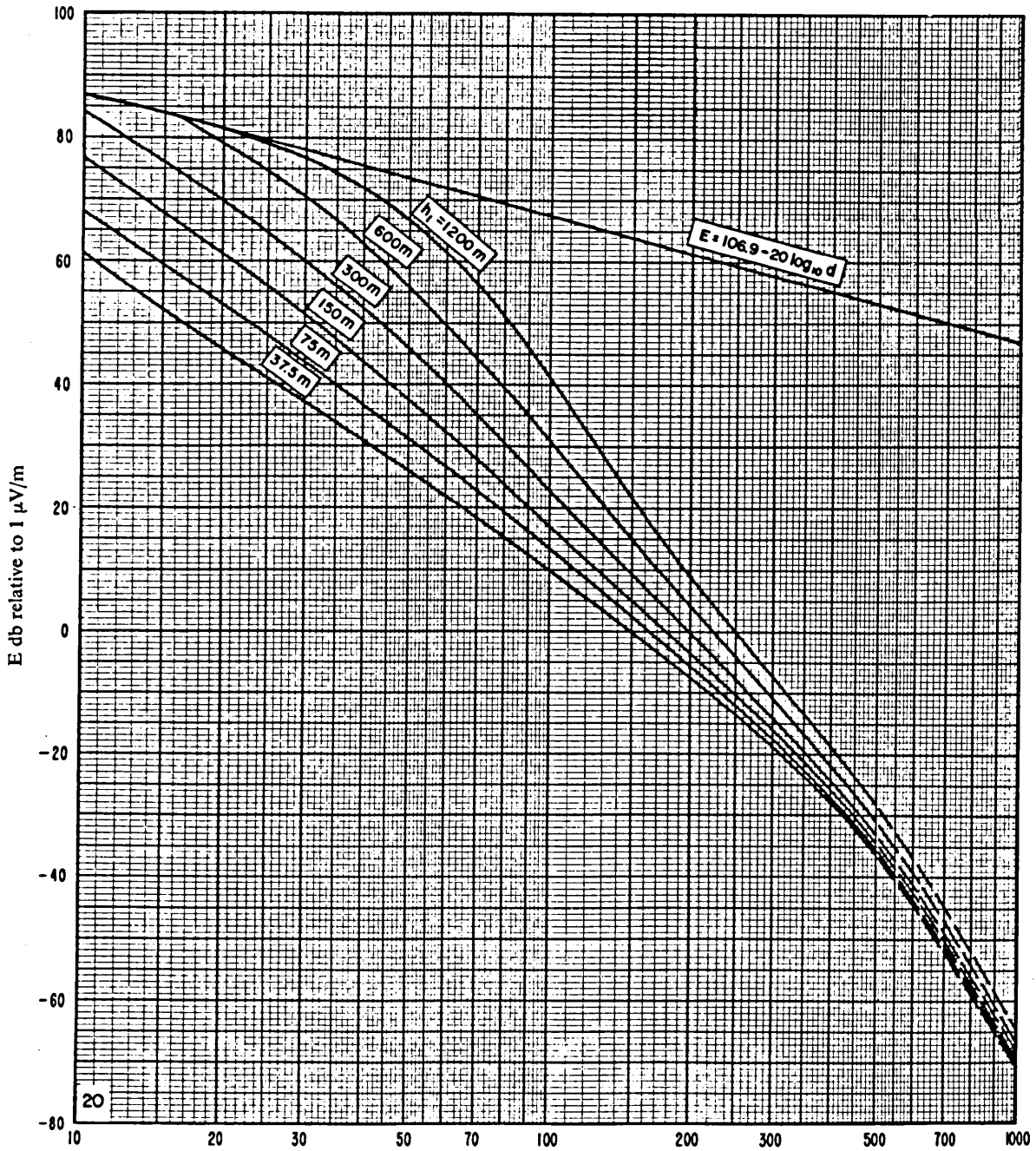


FIGURE 20

Temperate (Mediterranean)

E (50,50) 450–1000 Mc/s h_2 = 10 m

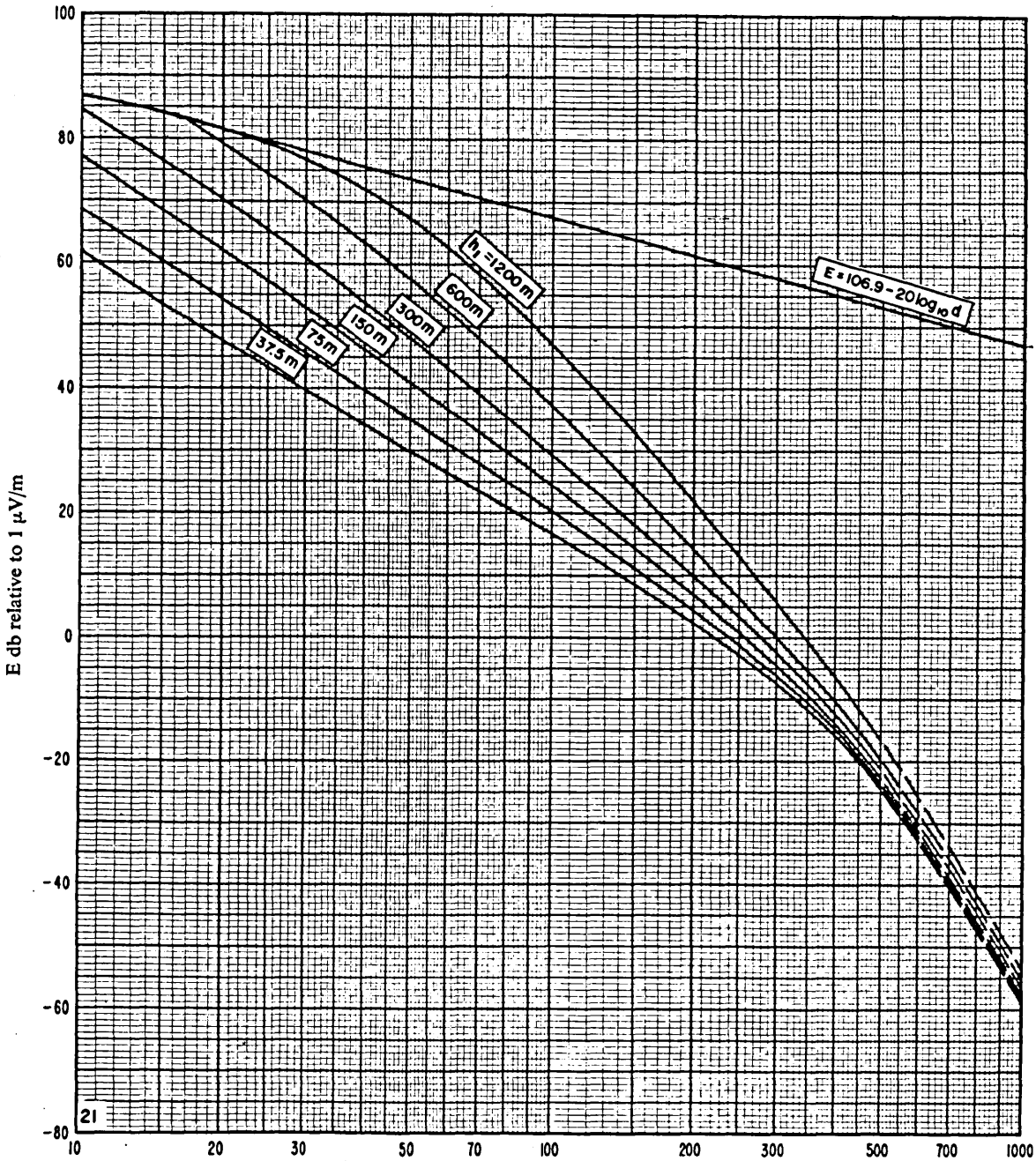


FIGURE 21

Temperate (Mediterranean)

E (50,10) 450–1000 Mc/s h_2 = 10 m

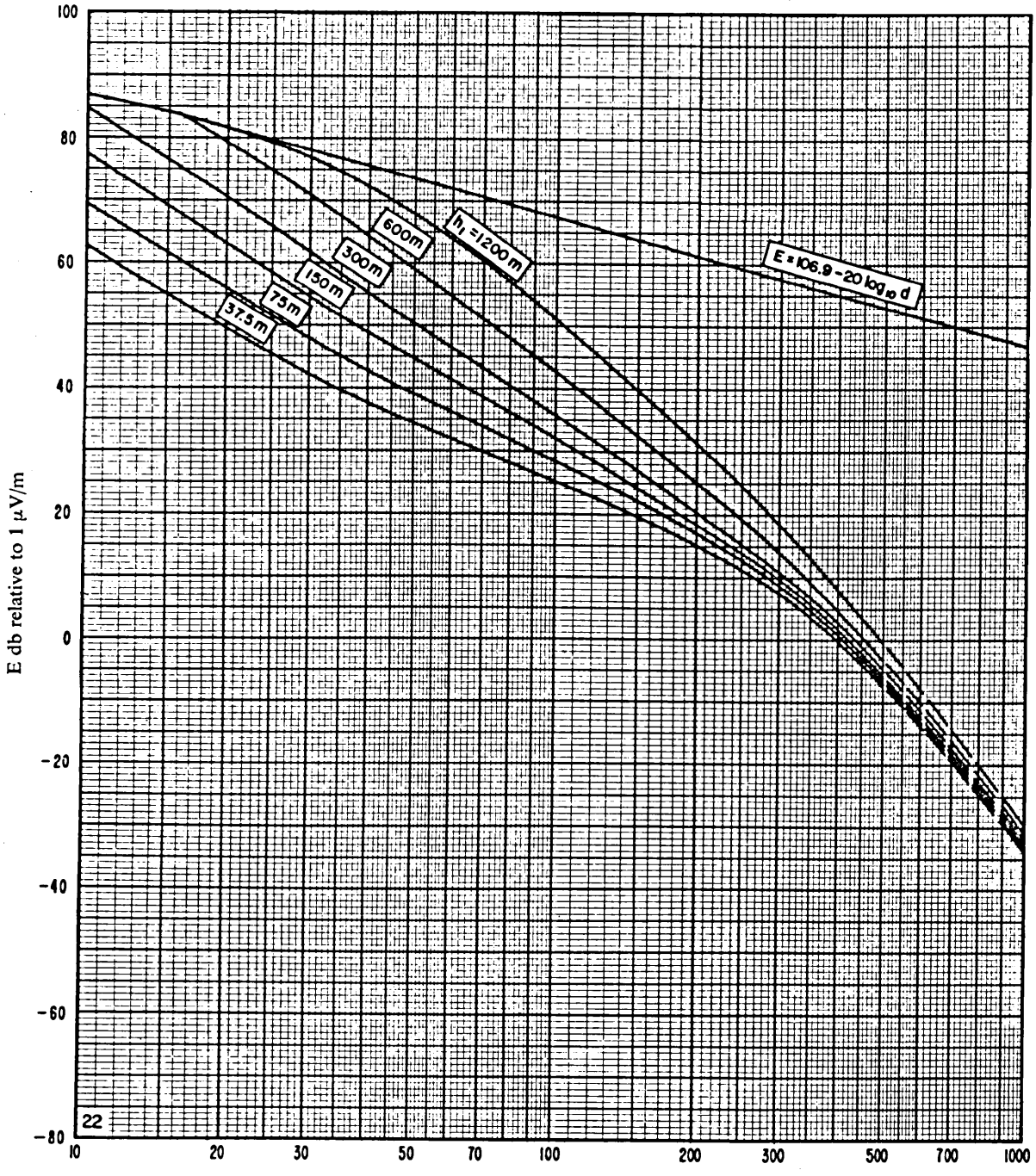


FIGURE 22

Temperate (Mediterranean)

E (50,1) 450–1000 Mc/s h_2 = 10 m

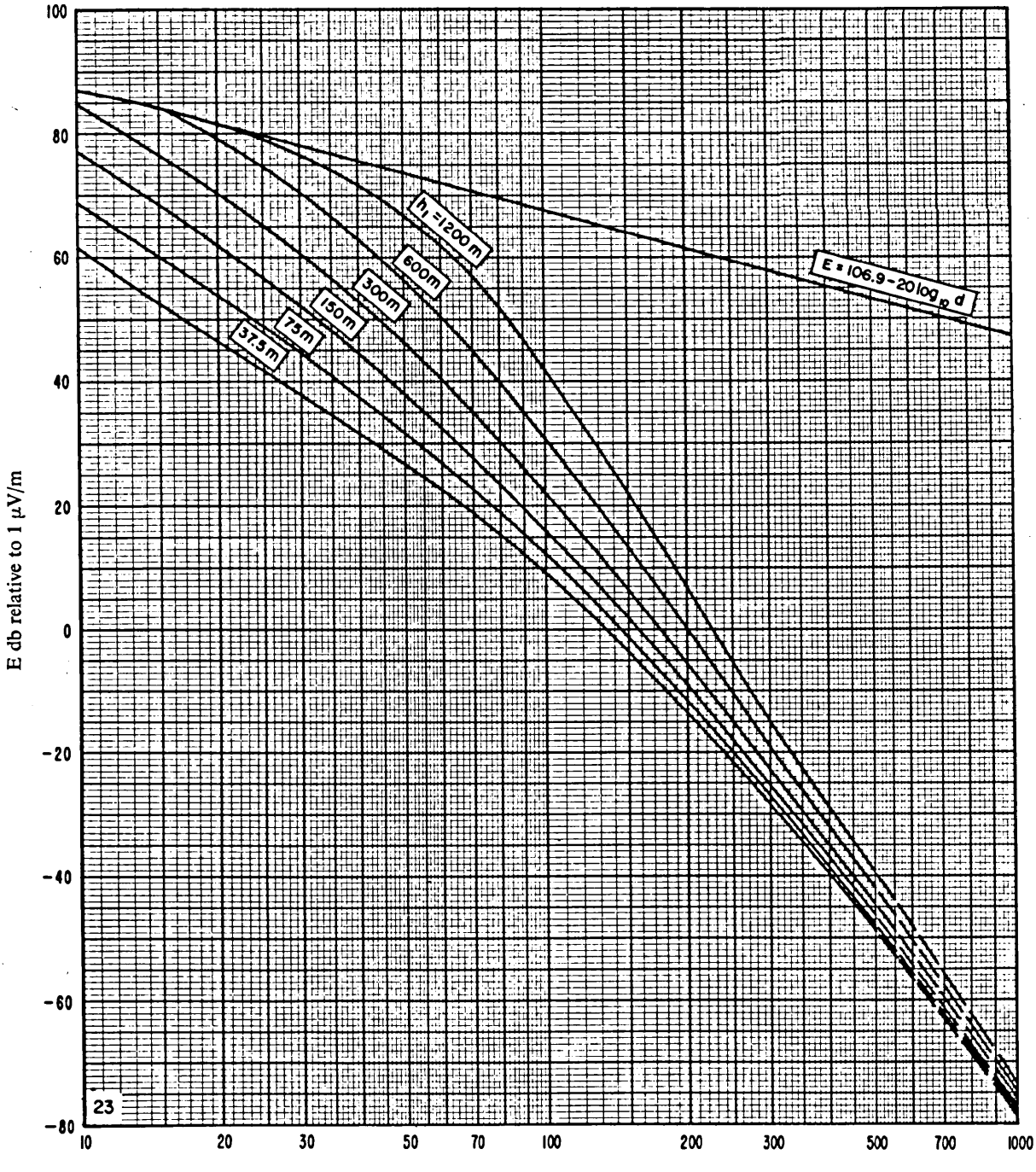


FIGURE 23

Desert (Saharan)

E (50,50) 450–1000 Mc/s $h_2 = 10$ m

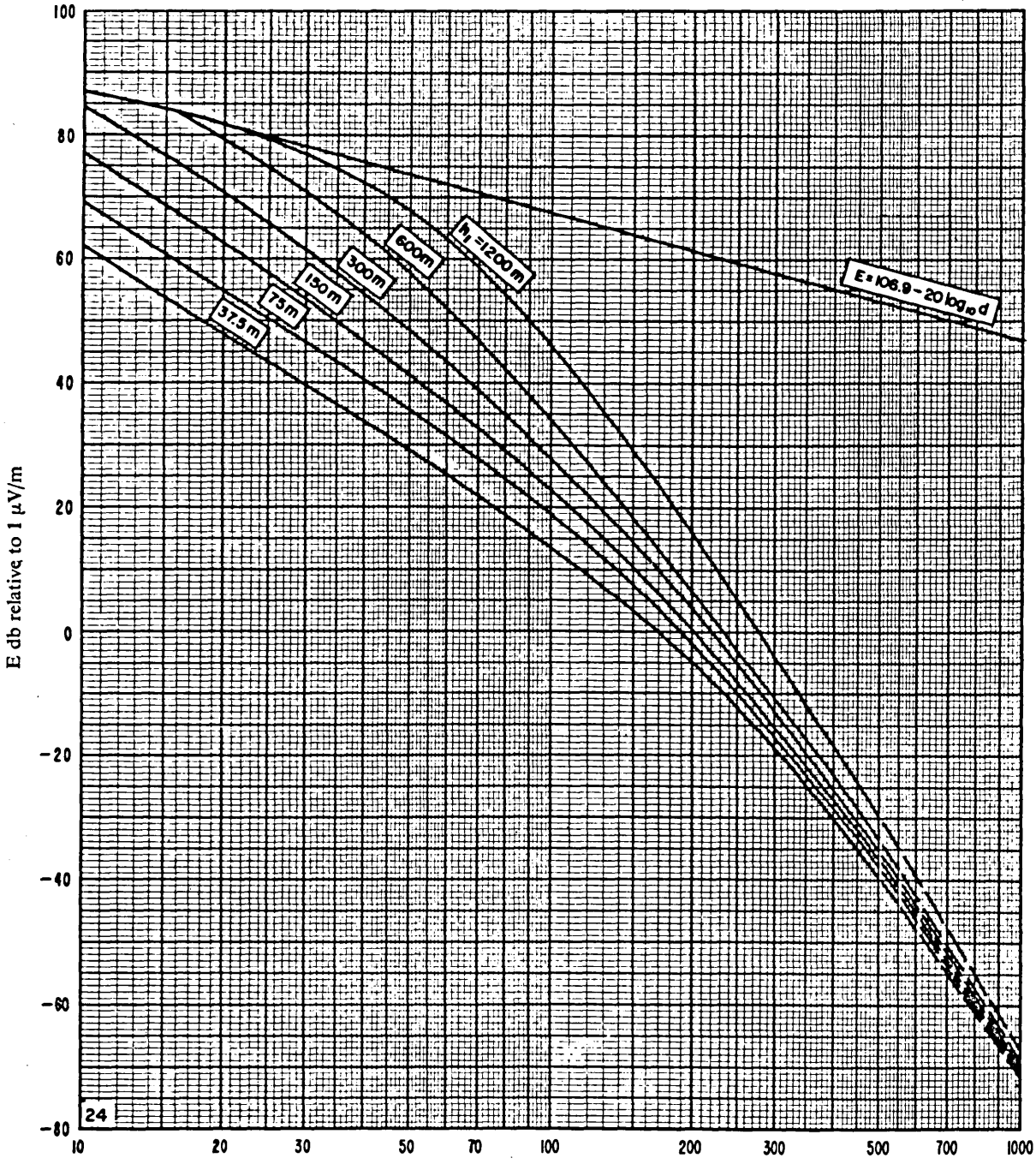


FIGURE 24

Desert (Saharan)

E (50,10) 450–1000 Mc/s h_2 = 10 m

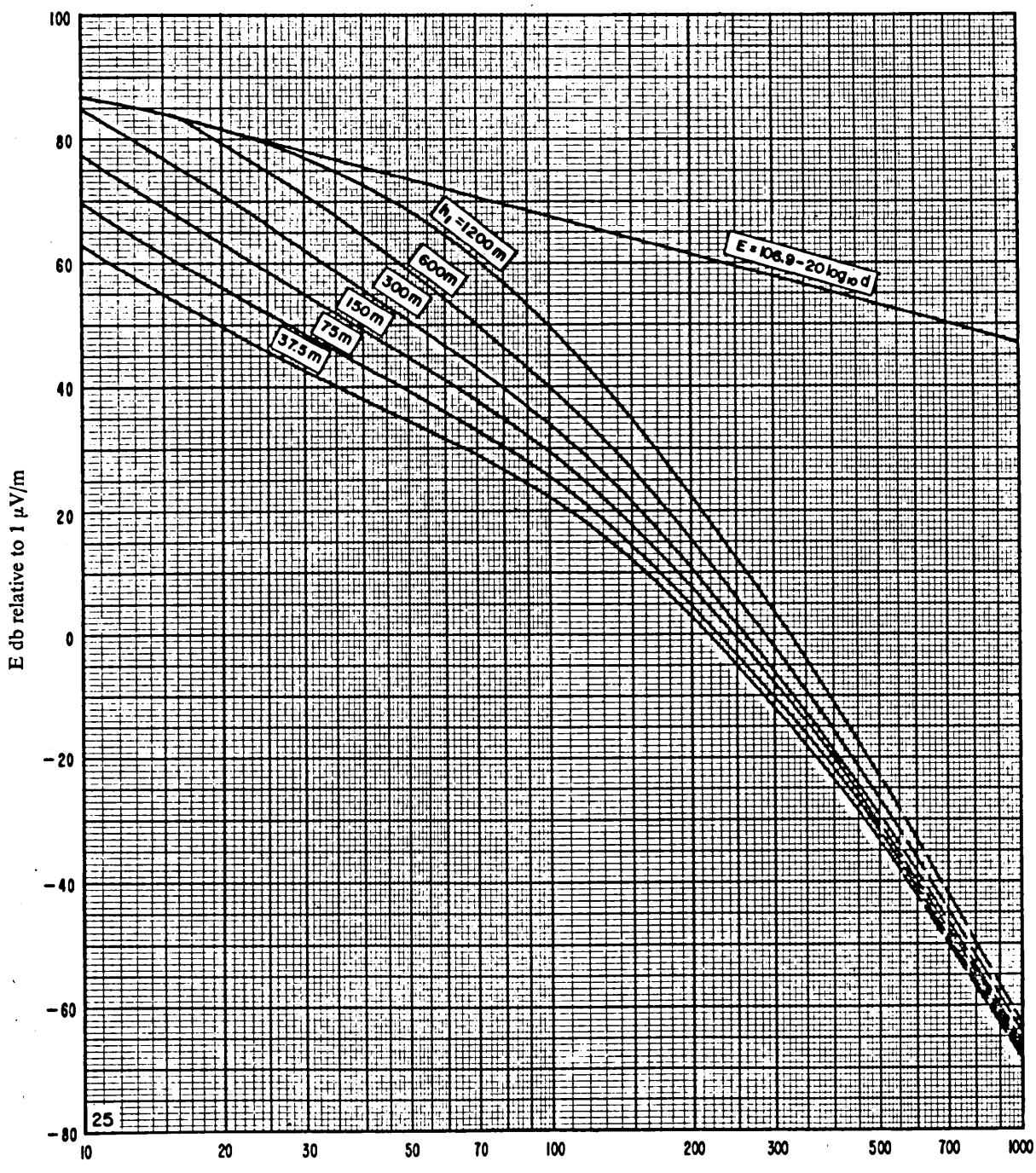


FIGURE 25

Desert (Saharan)

E (50,1) 450–1000 Mc/s h_2 = 10 m

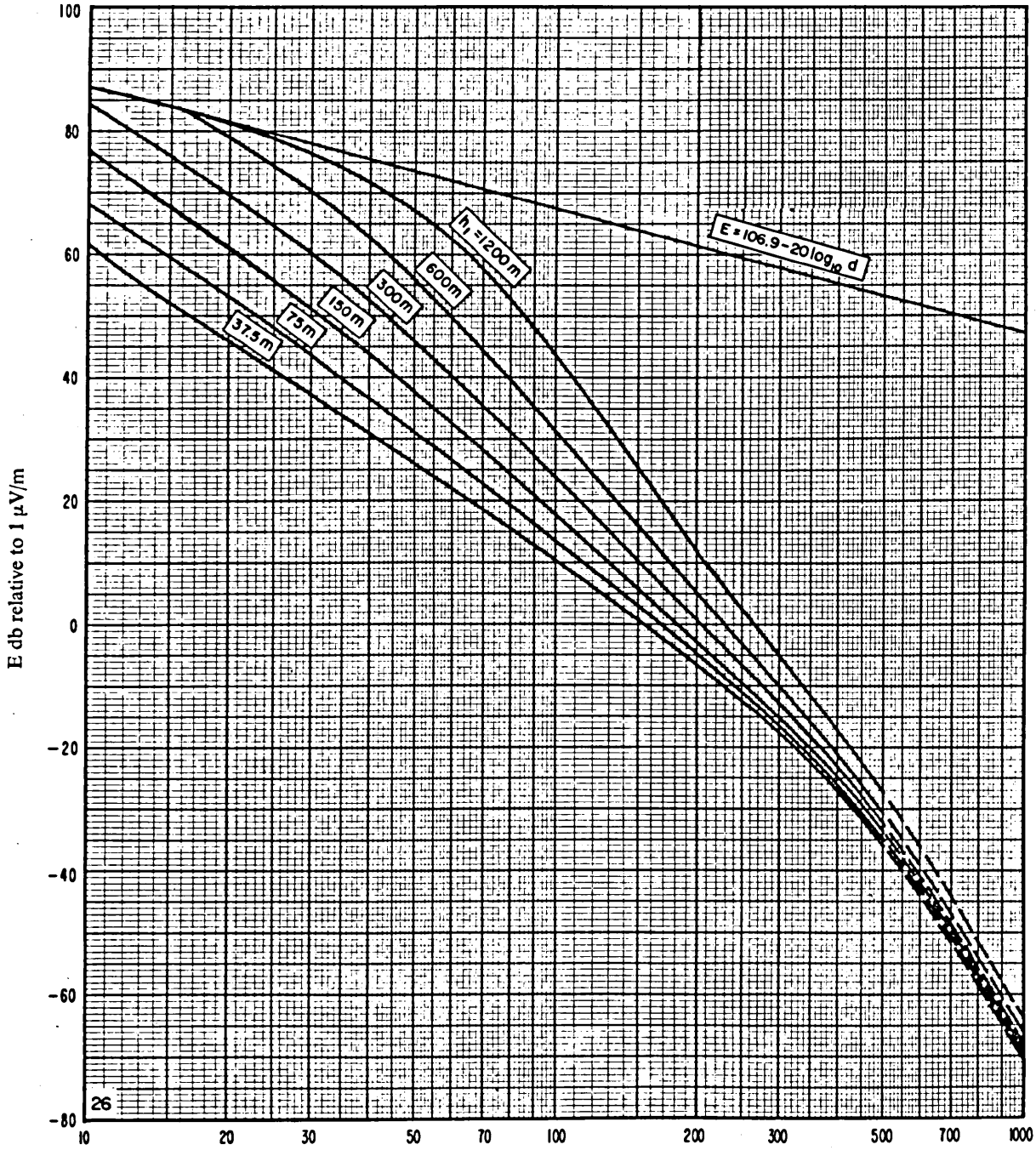


FIGURE 26

Sub-tropical (Continental)

E (50,50) 450–1000 Mc/s h_2 = 10 m

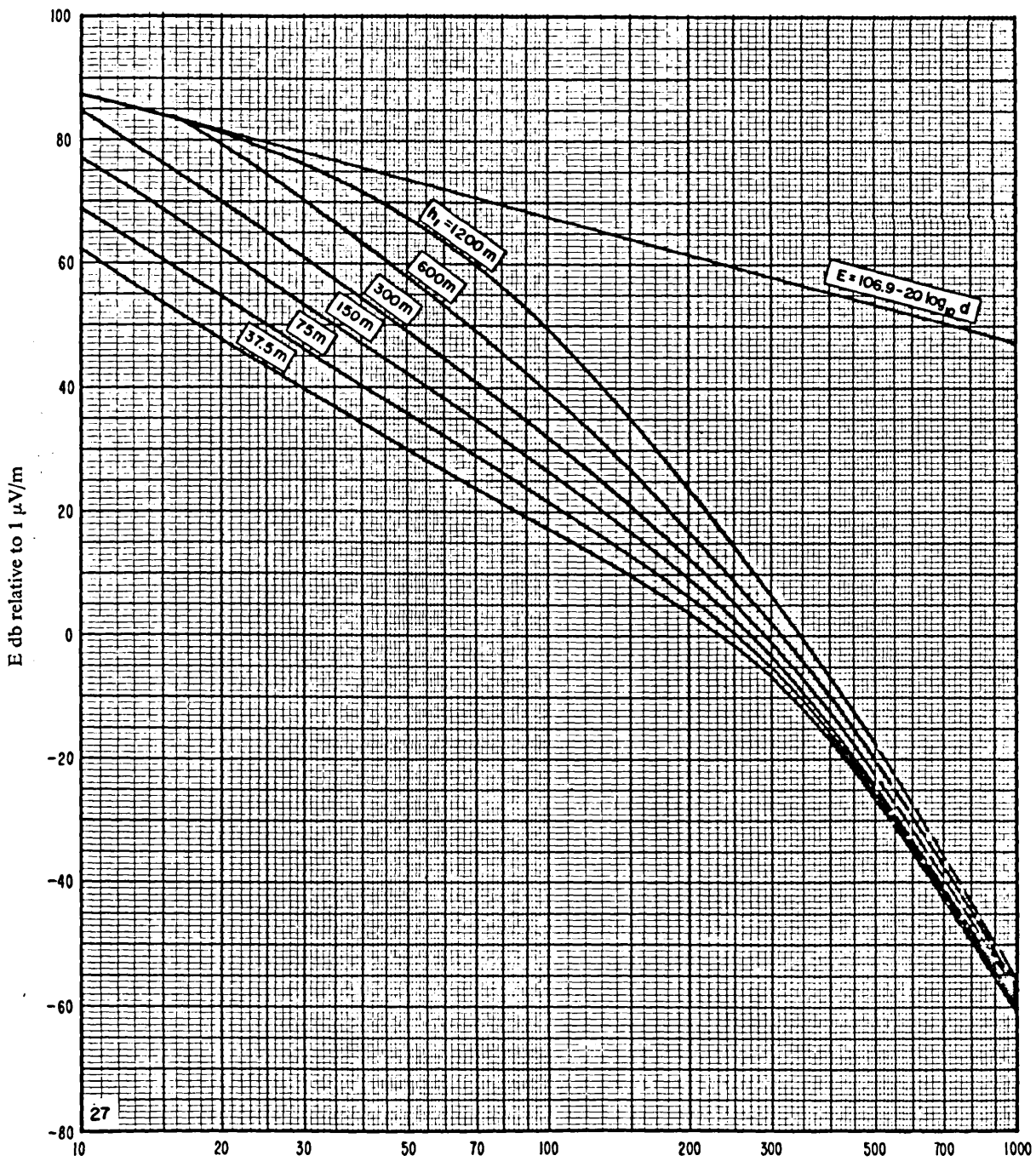


FIGURE 27

Sub-tropical (Continental)

E (50,10) 450–1000 Mc/s h_2 = 10 m

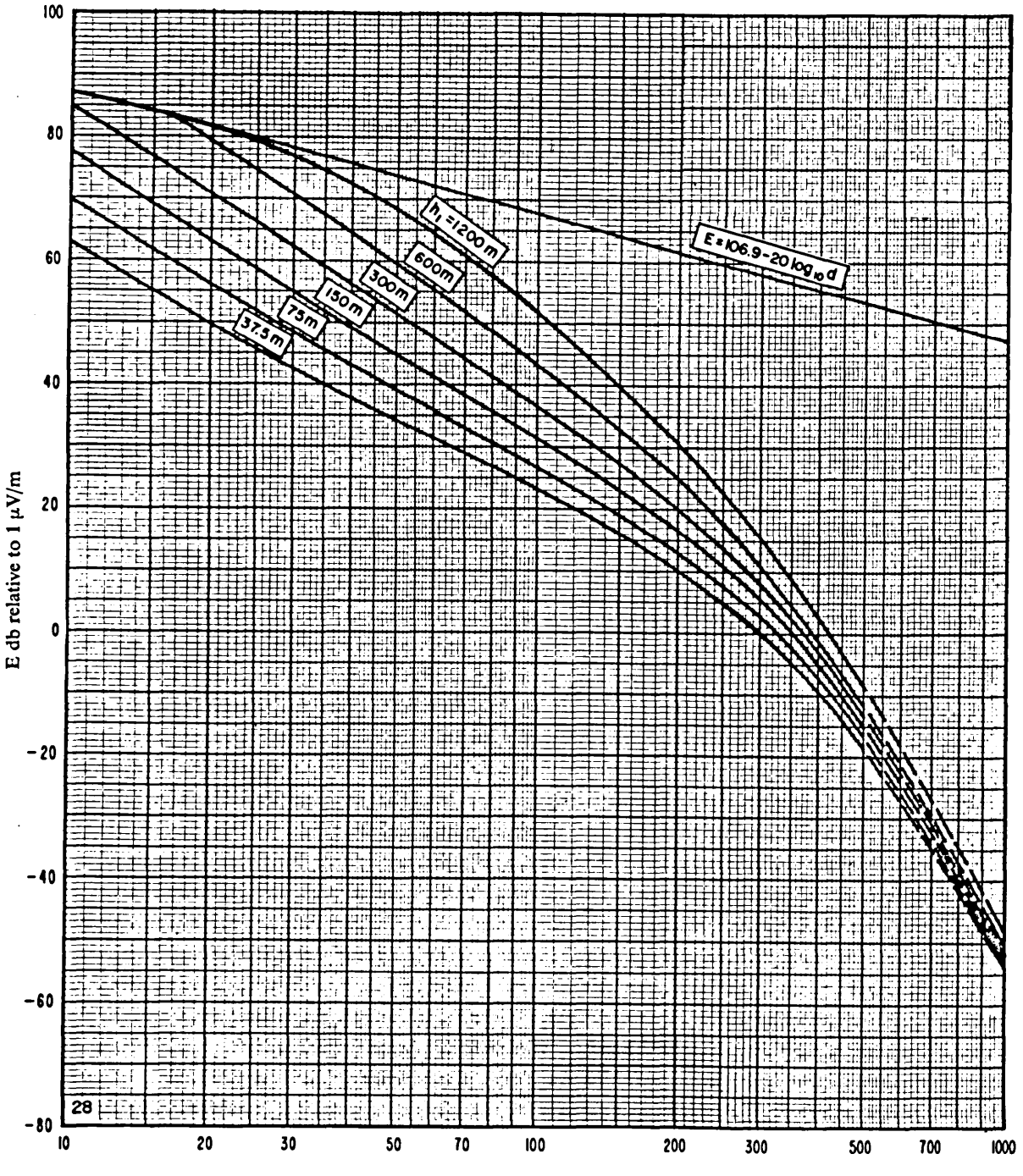


FIGURE 28

Sub-tropical (Continental)

E (50,1) 450–1000 Mc/s h_2 = 10 m

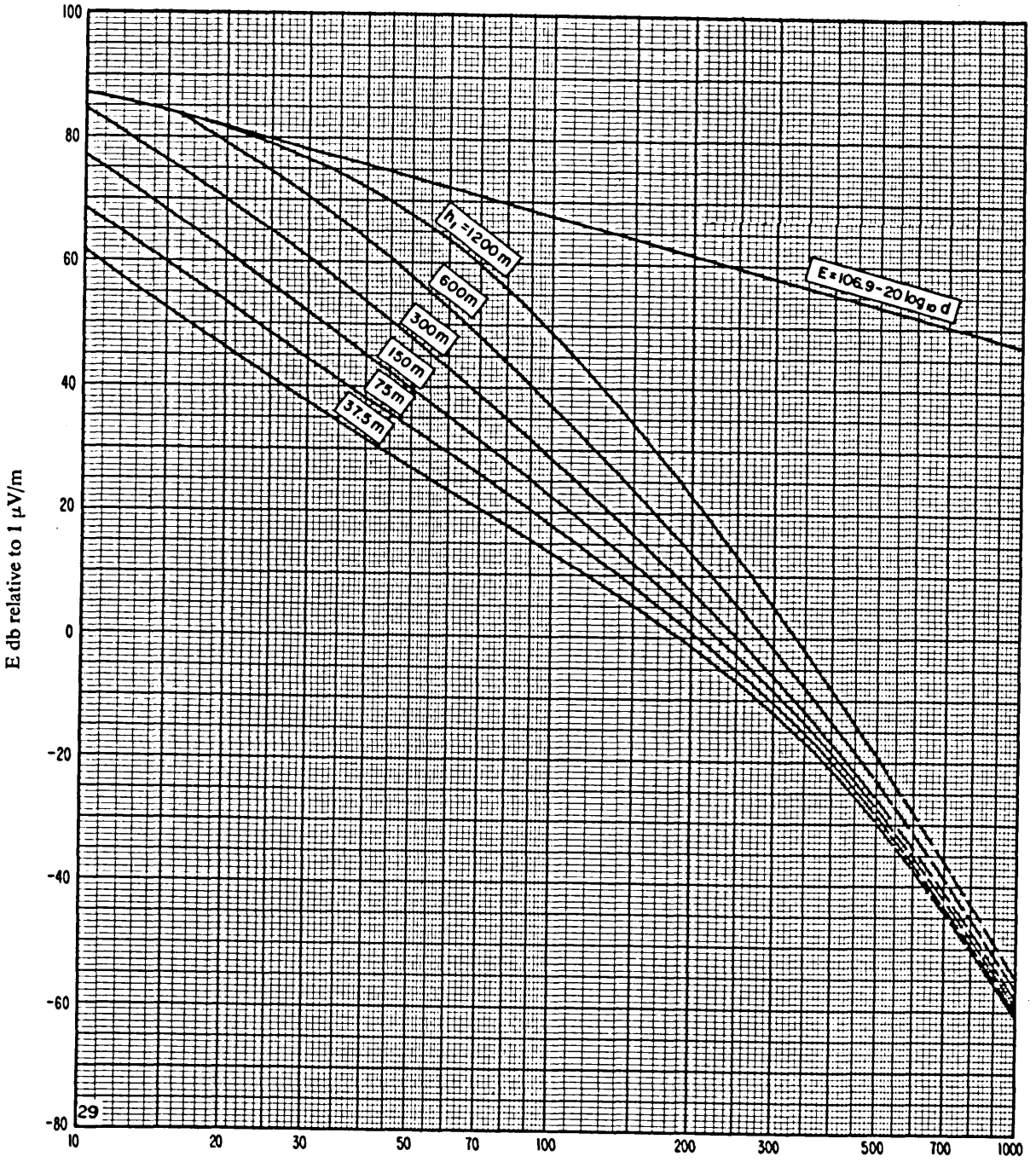


FIGURE 29

Sub-tropical (Maritime)

E (50,50) 450–1000 Mc/s $h_2 = 10$ m

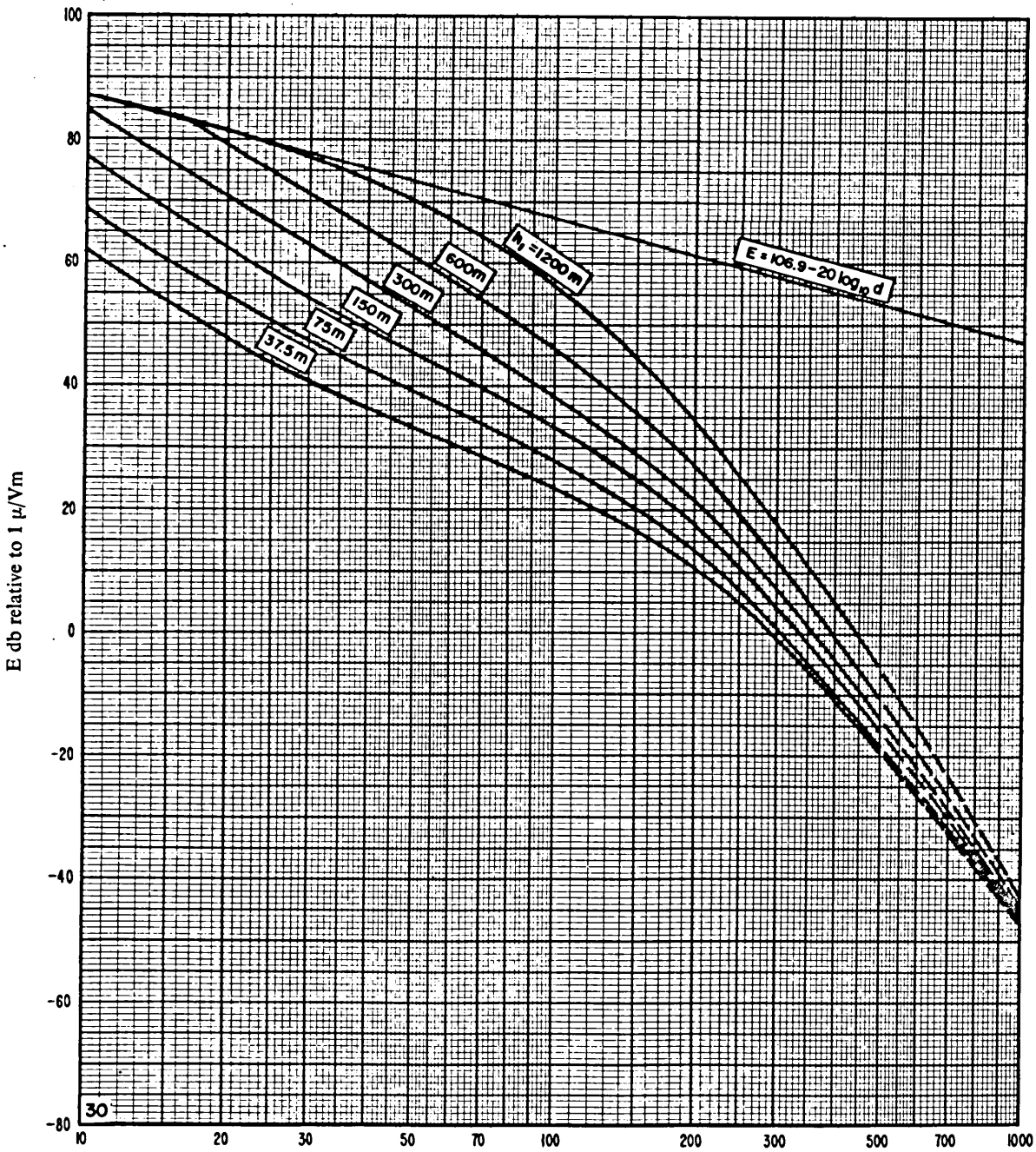


FIGURE 30

Sub-tropical (Maritime)

E (50,10) 450–1000 Mc/s h_2 = 10 m

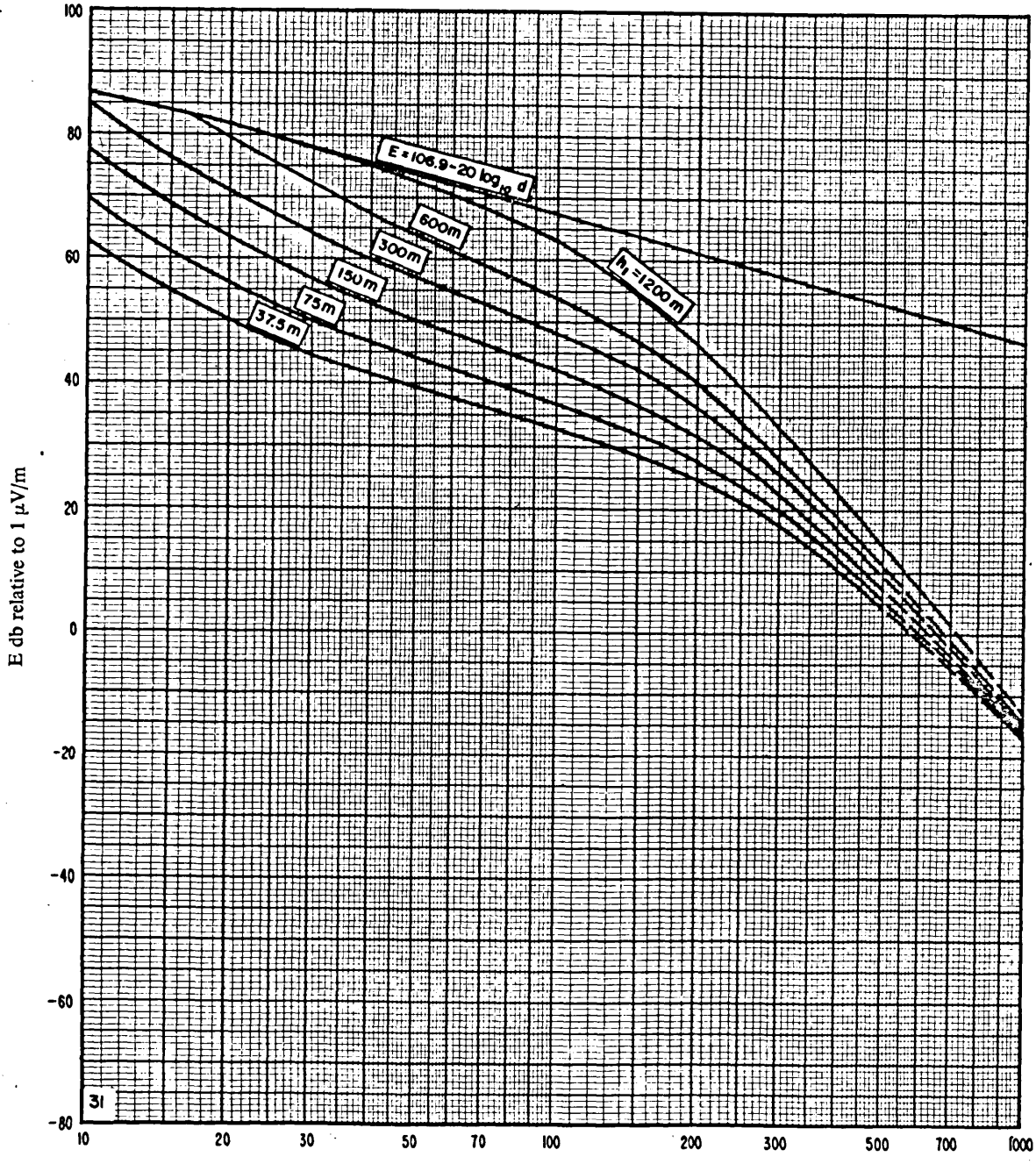


FIGURE 31

Sub-tropical (Maritime)

E (50,1) 450–1000 Mc/s h_2 = 10 m

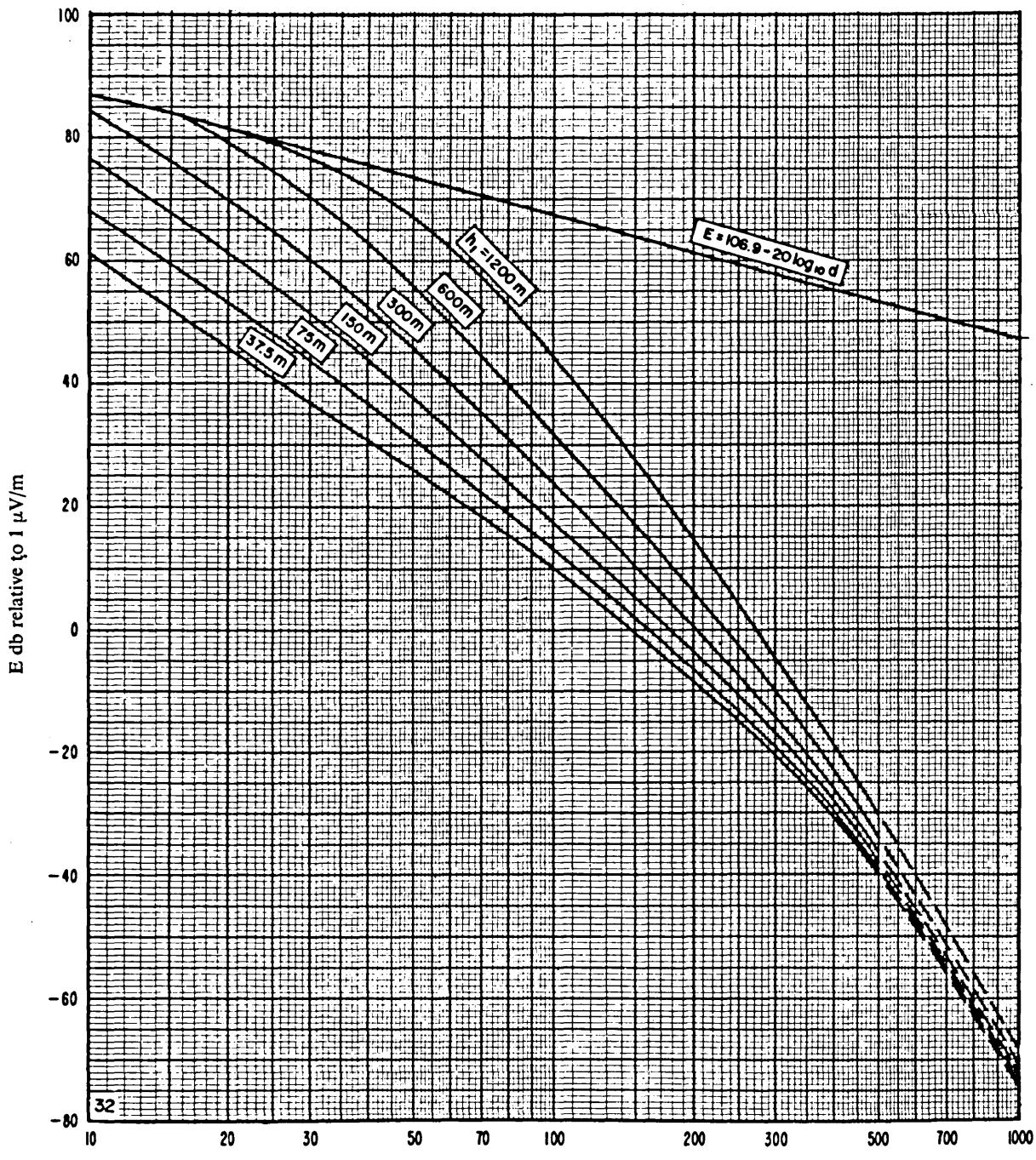


FIGURE 32

Equatorial

E (50,50) 450–1000 Mc/s $h_2 = 10$ m

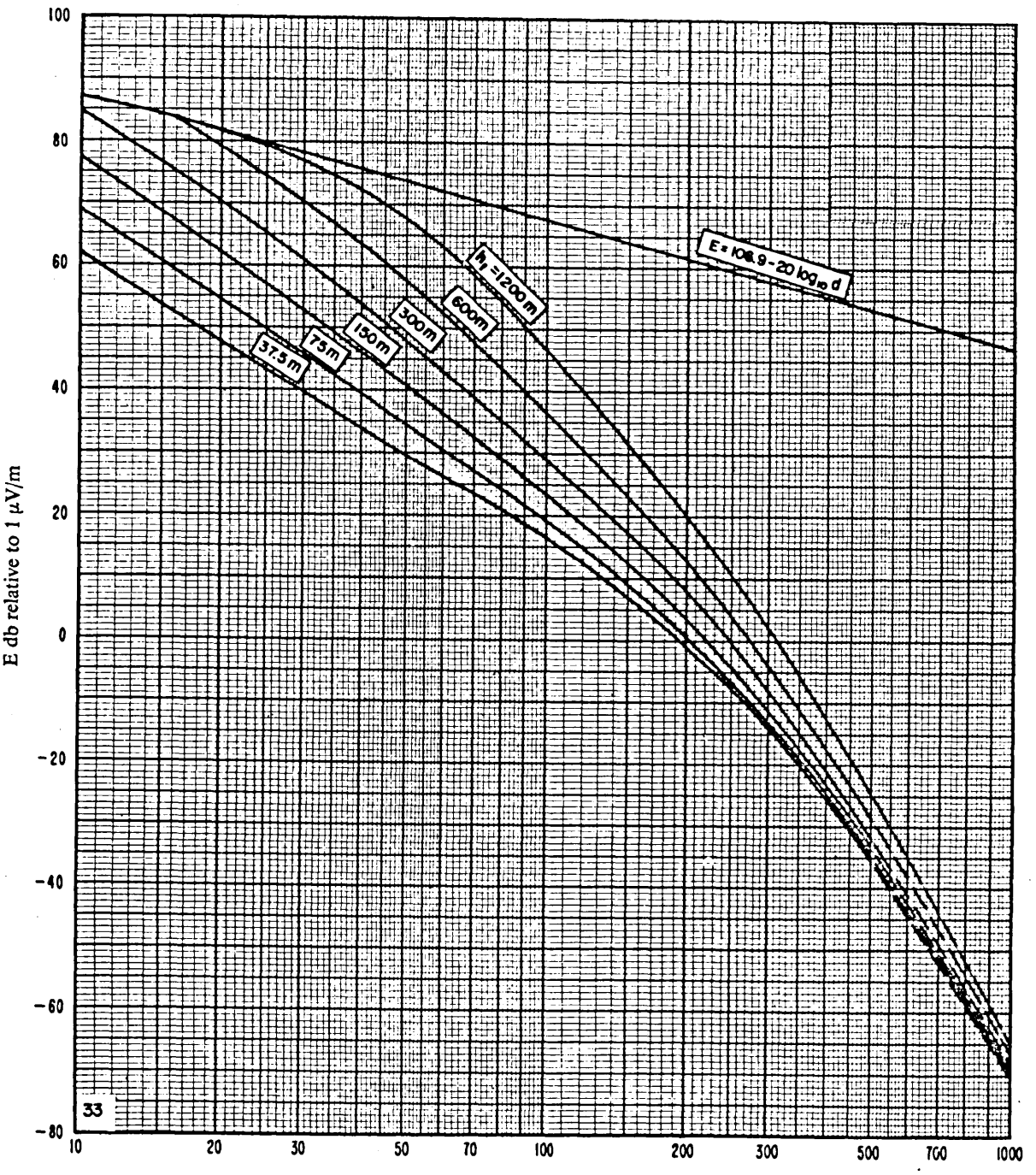


FIGURE 33

Equatorial

E (50,10) 450–1000 Mc/s $h_2 = 10$ m

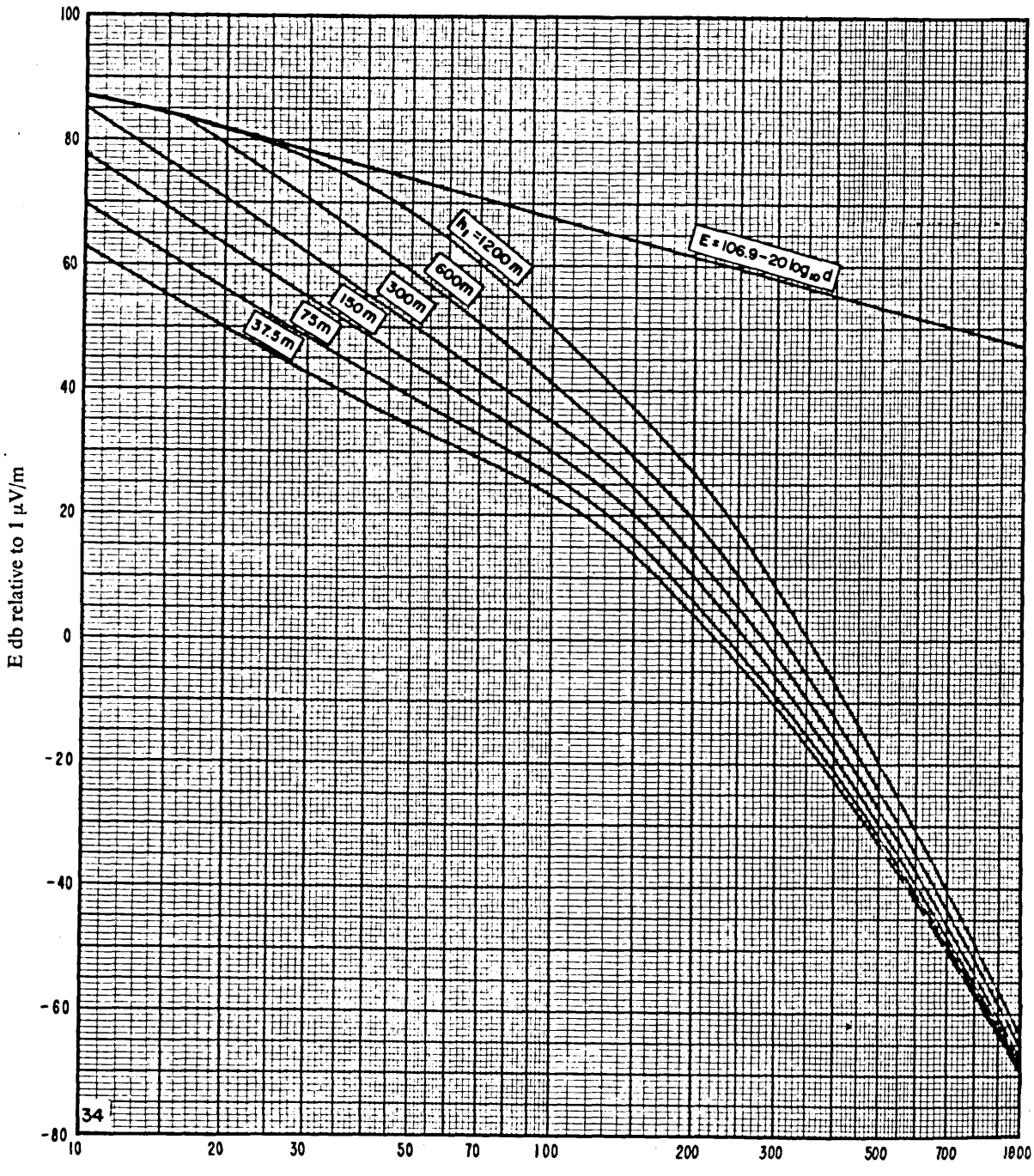


FIGURE 34

Equatorial

E (50,1) 450–1000 Mc/s $h_2 = 10$ m

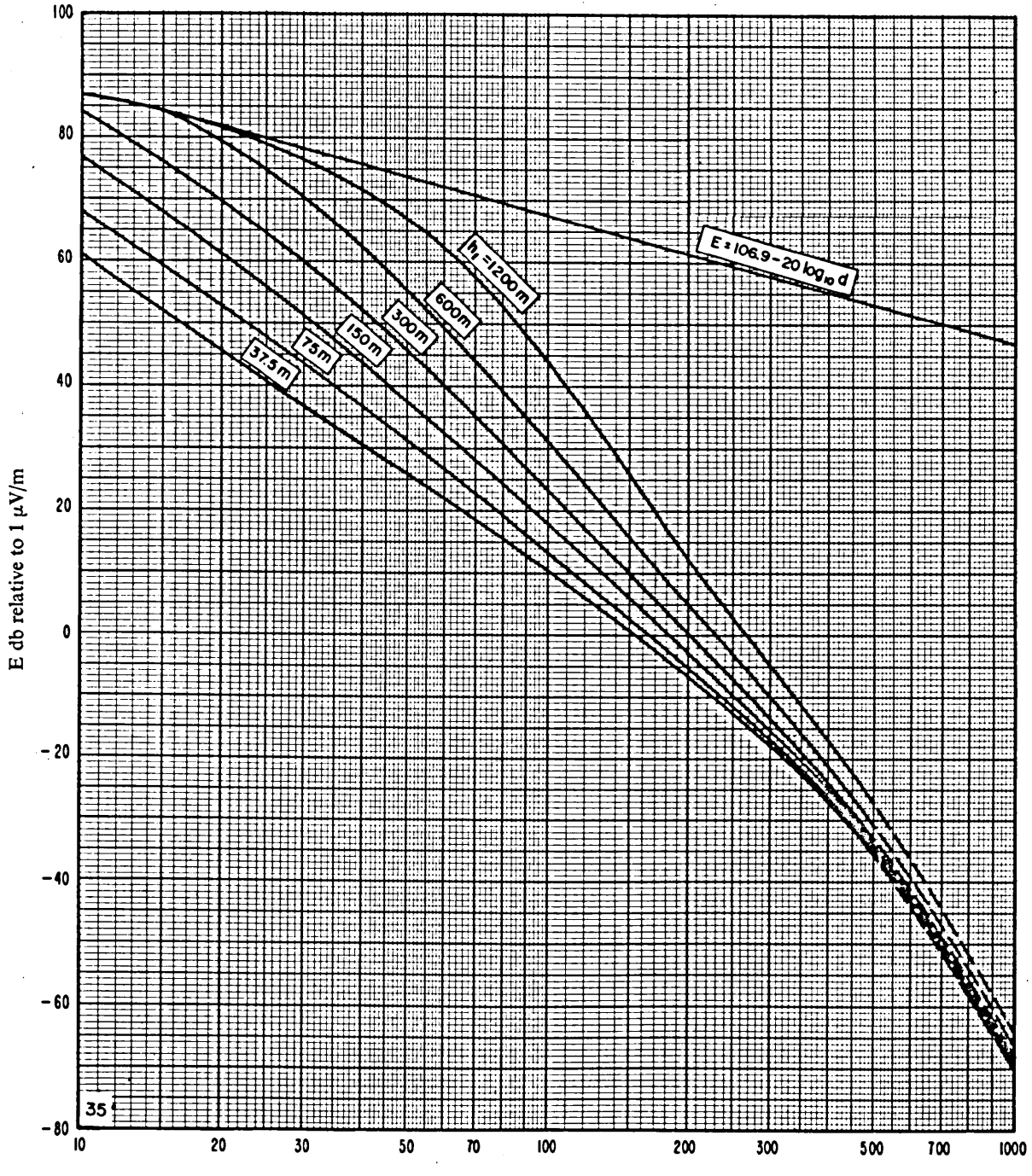


FIGURE 35

Temperate (Continental)

E (50,50) 450–1000 Mc/s h_2 = 10 m

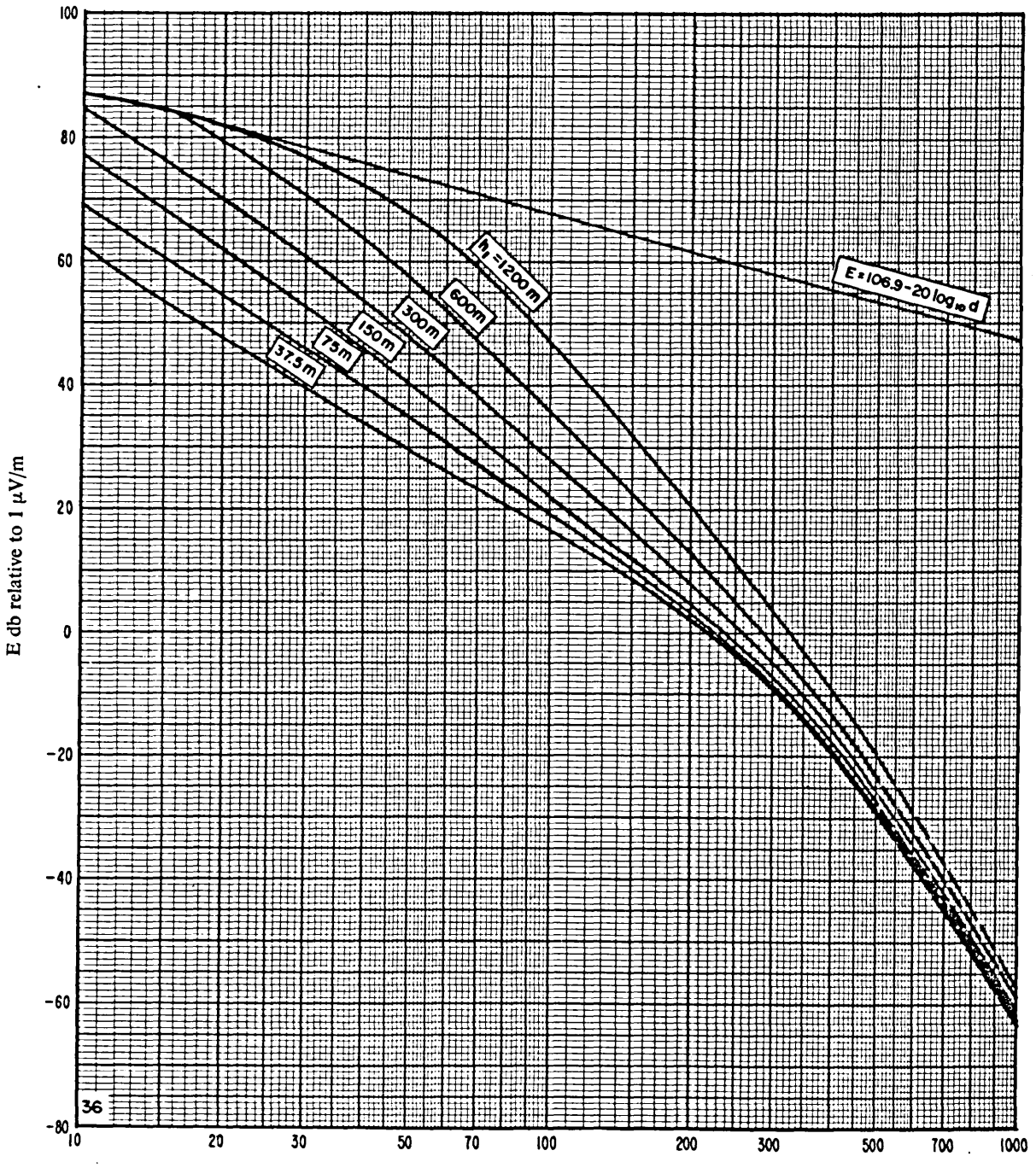


FIGURE 36

Temperate (Continental)

E (50,10) 450–1000 Mc/s h_2 = 10 m

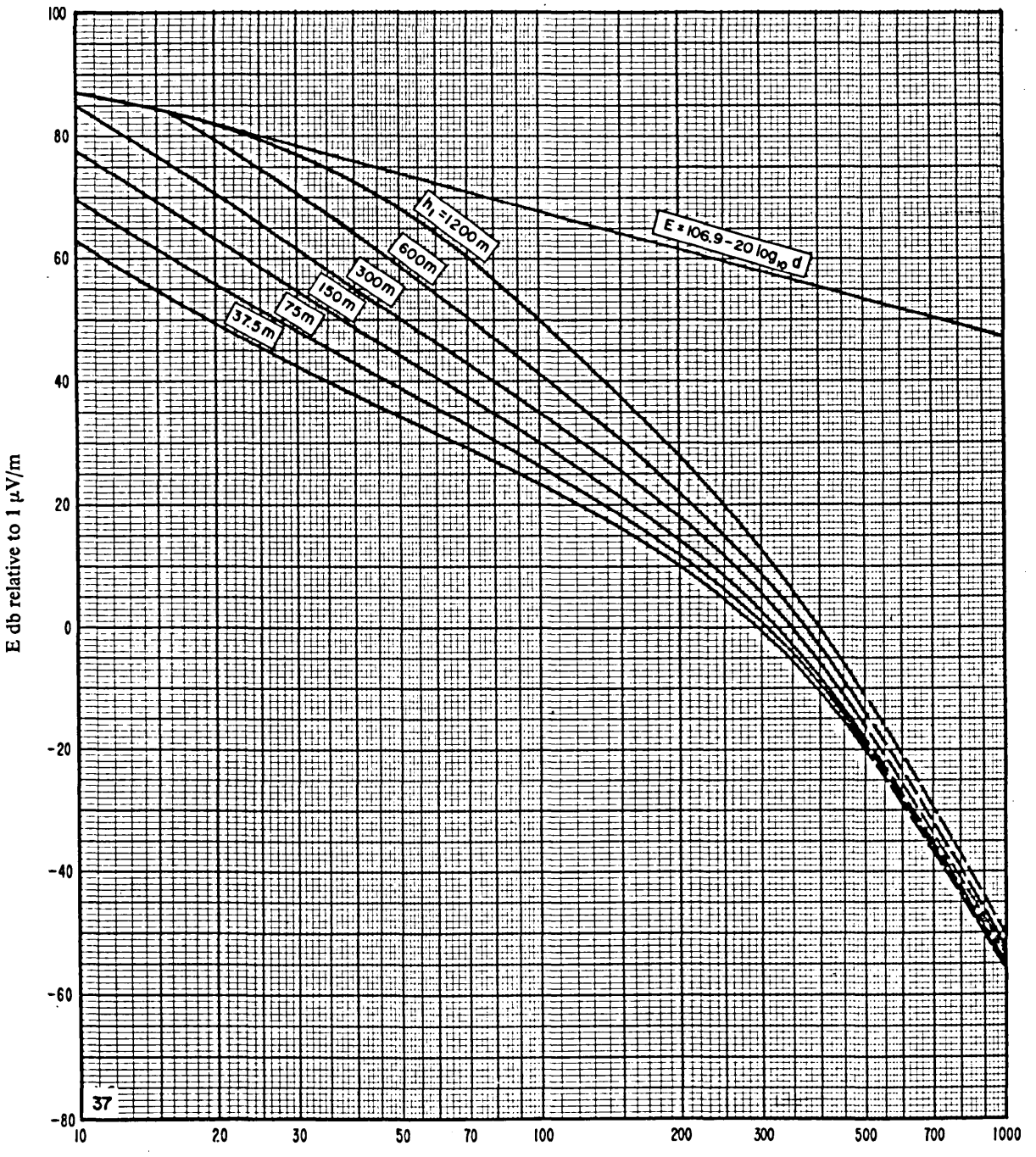


FIGURE 37

Temperate (Continental)

E (50,1) 450–1000 Mc/s h_2 = 10 m m

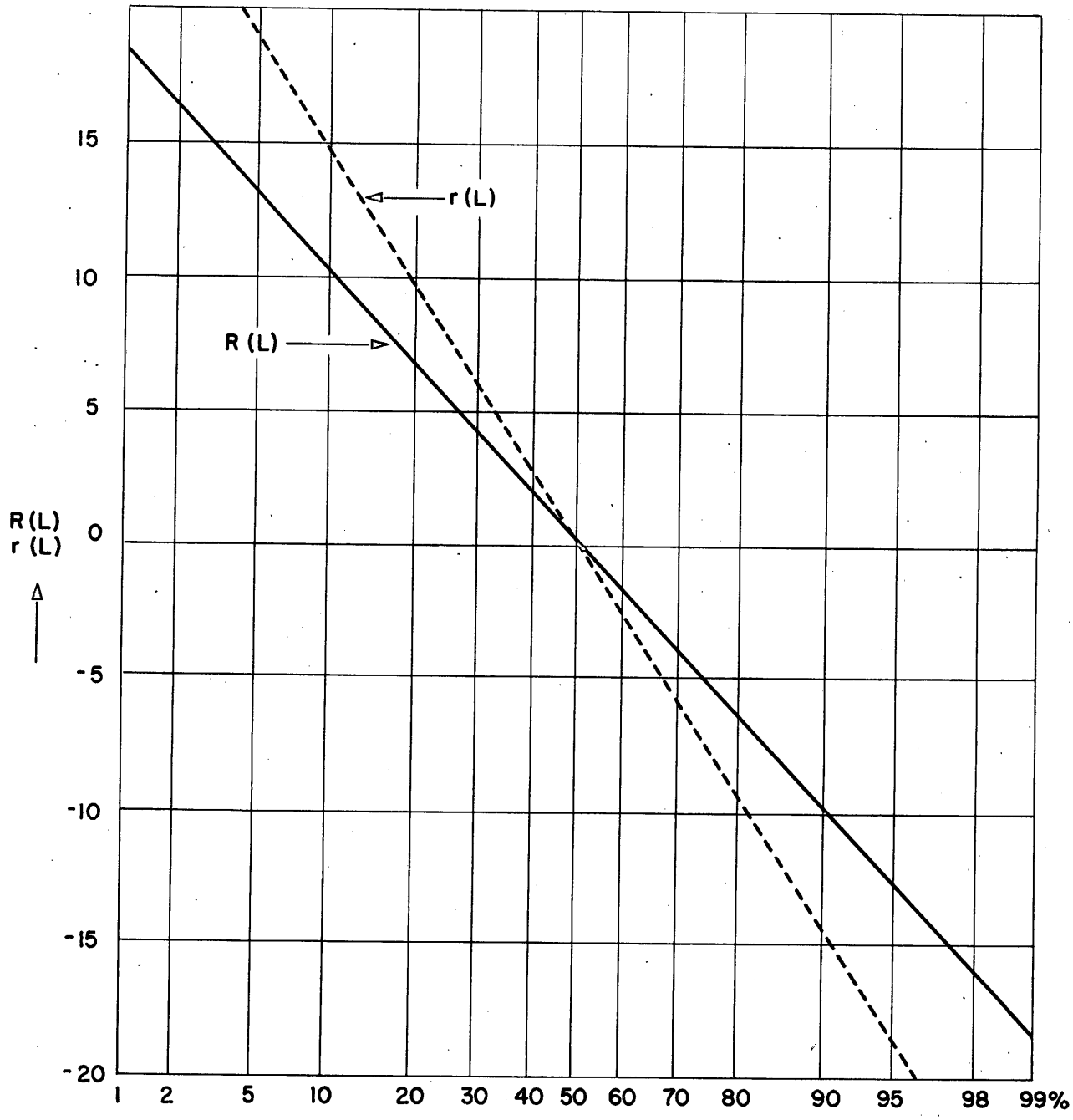


FIGURE 38

VHF

Ratio (db) of the field strength for a given percentage of receiving locations to the field strength for 50% of receiving locations.

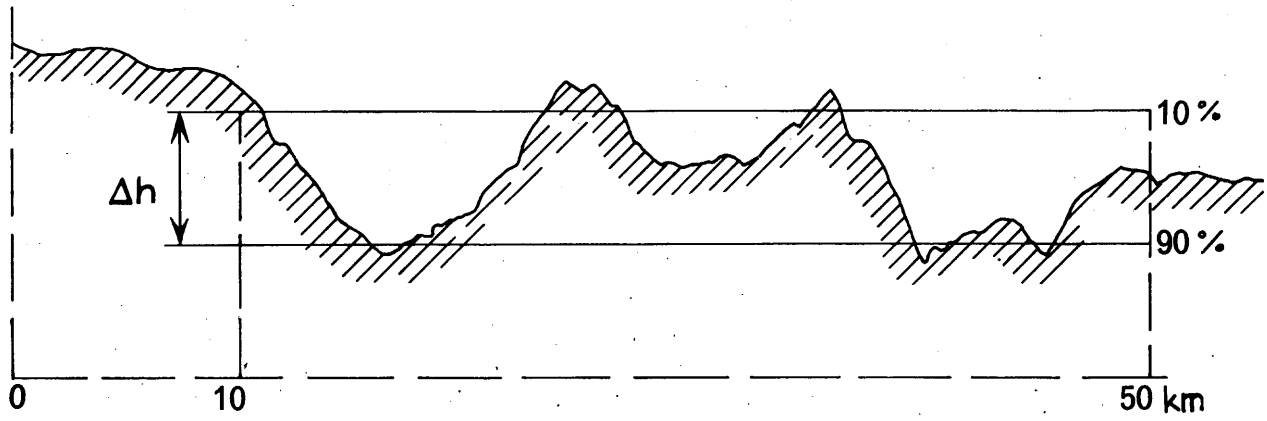


FIGURE 39
Definition of the parameter Δh

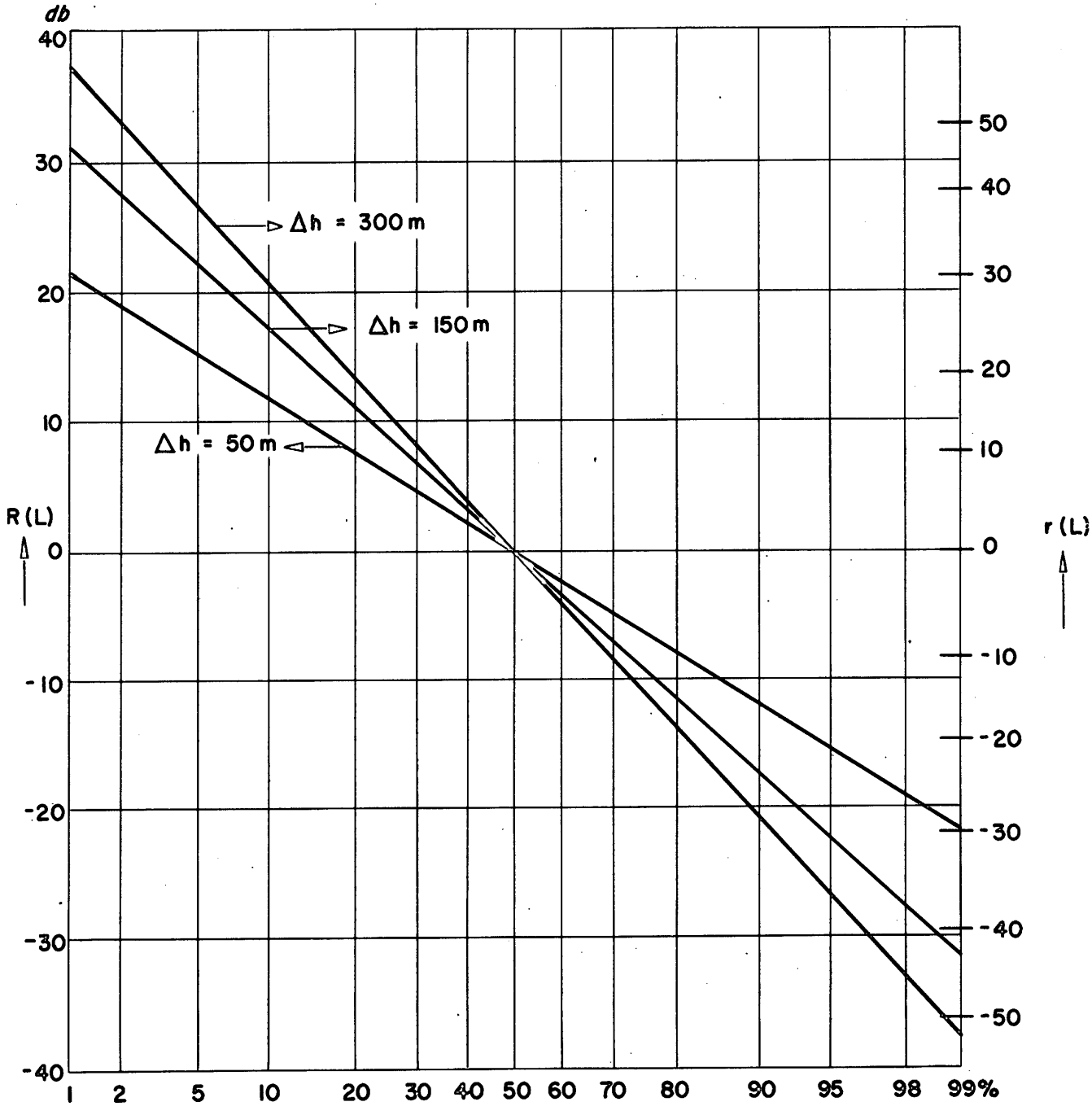


FIGURE 40

UHF

Ratio (db) of the field strength for a given percentage of receiving locations to the field strength for 50% of receiving locations.

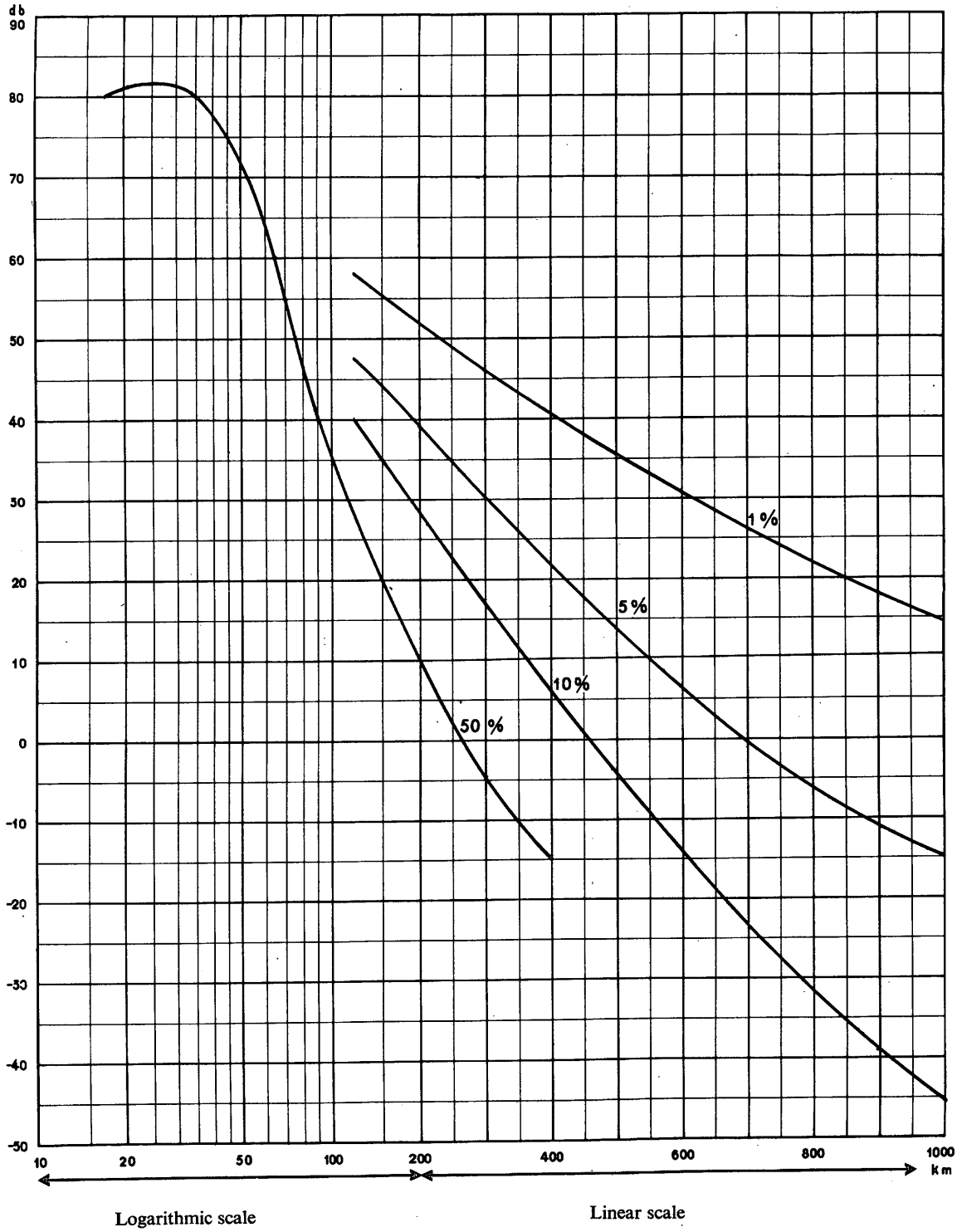


FIGURE 41

Field strength (db rel. 1 μV/m) for 1 kW e.r.p.

Bands IV, V — Sea — 50%, 10%, 5%, 1% of time — 50% of locations — h_1 = 300 m — h_2 = 10 m

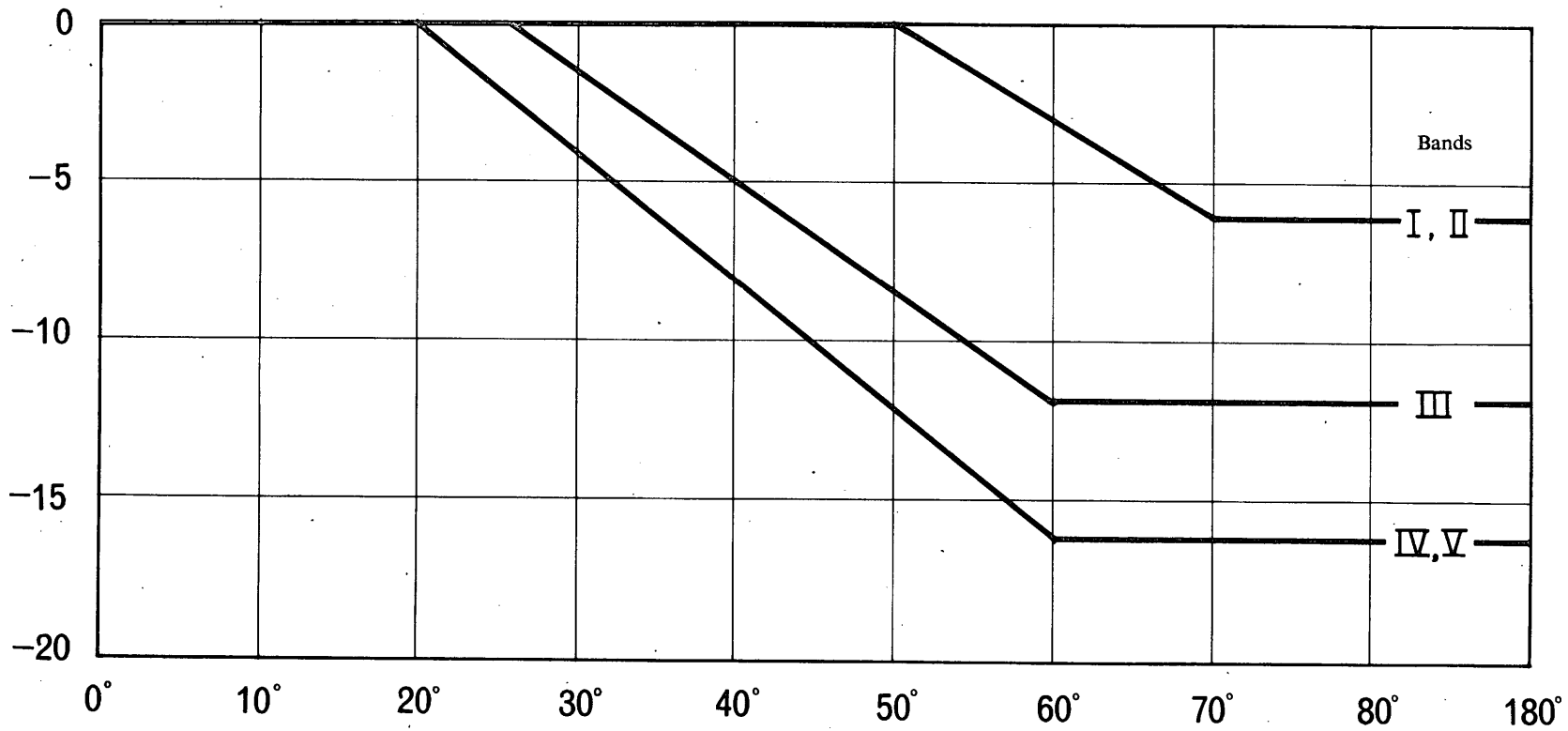


FIGURE 42

Discrimination obtained by the use of directional receiving antennae in broadcasting

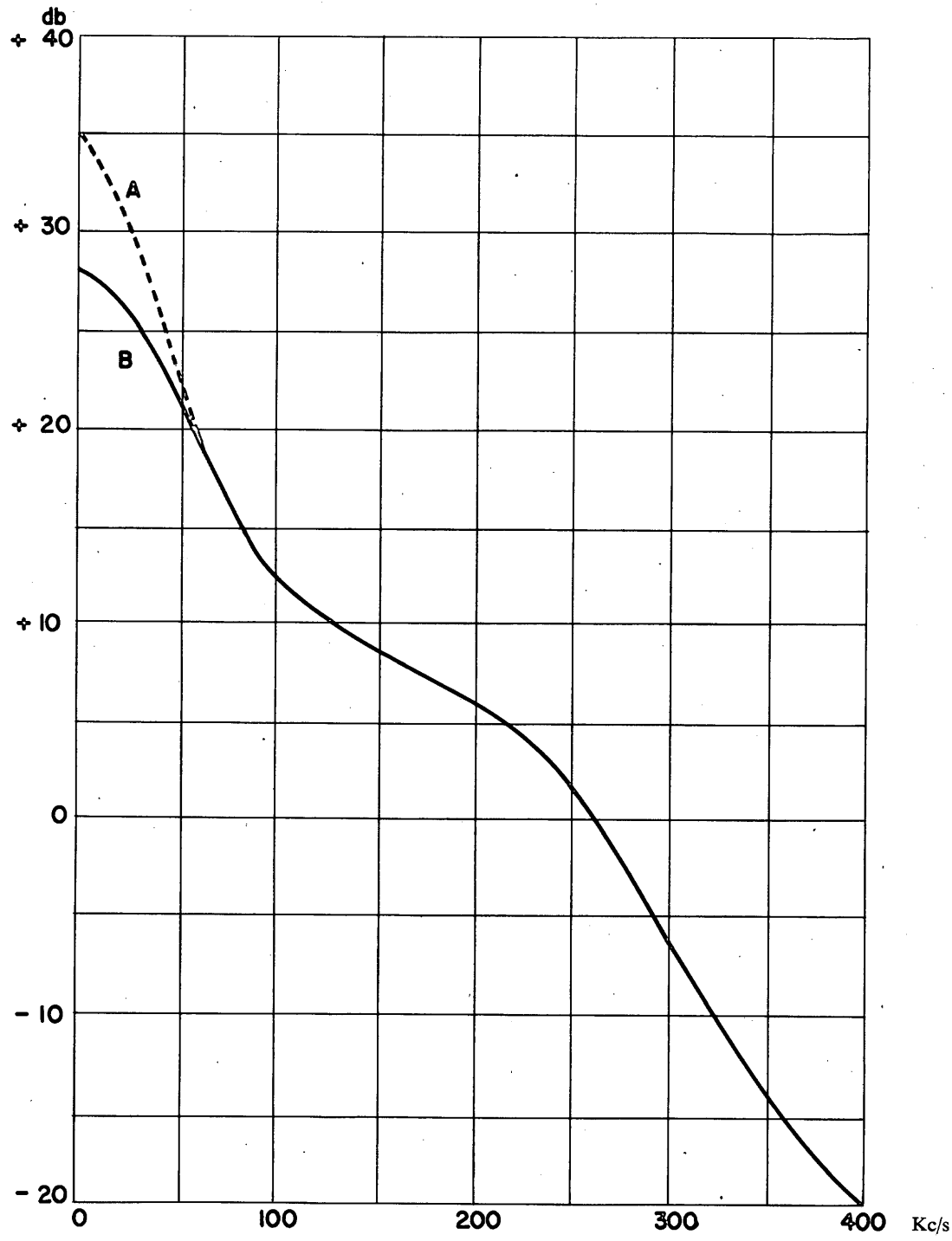


FIGURE 43

Protection ratios required by VHF-FM sound broadcasting services at frequencies between 87.5 Mc/s and 108 Mc/s using a maximum frequency deviation of ± 75 kc/s

Curve A: steady interference
Curve B: tropospheric interference (99% of the time)

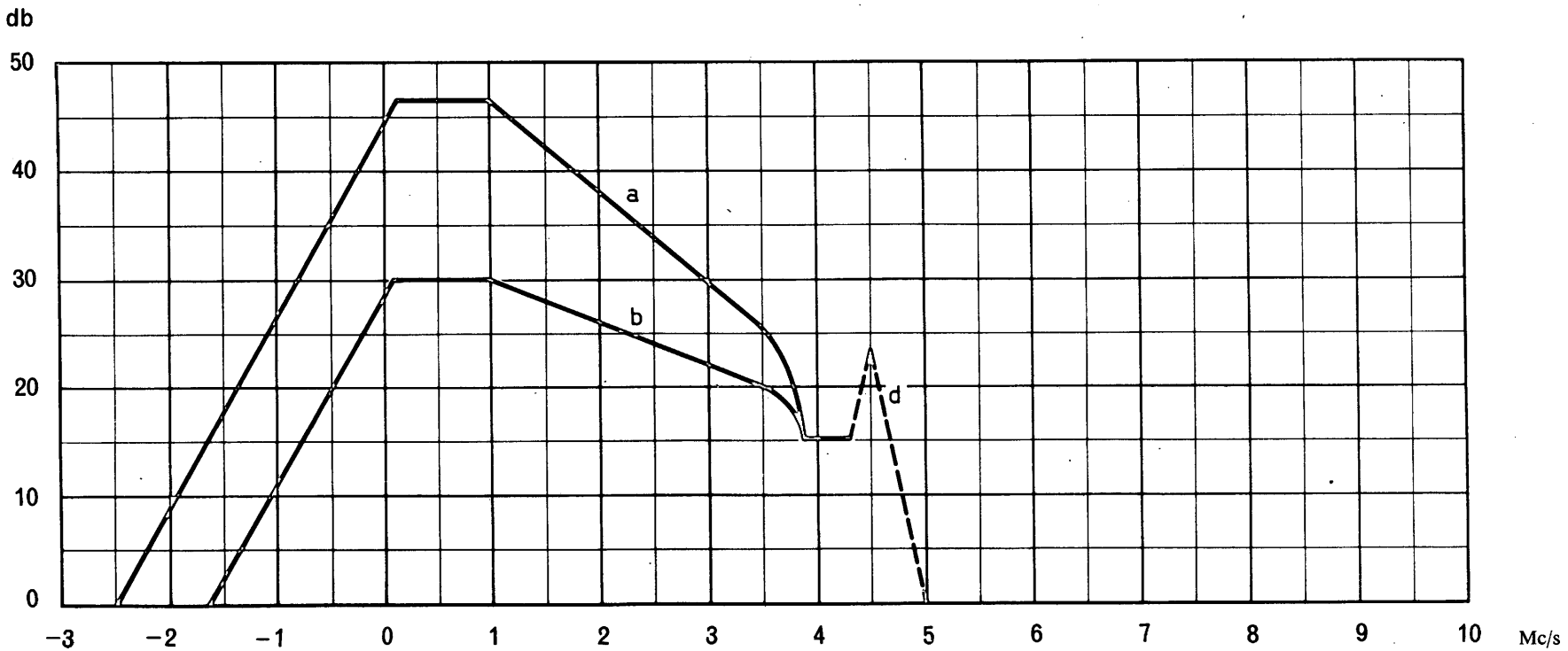


FIGURE 44

System M: Protection from vision signal interference

For all the curves in this figure, the ratios quoted are those between the wanted and the unwanted vision signals.

Curve a — Interference to vision from another 525-line vision signal with no special control of the nominal frequency difference between the wanted and unwanted signal carriers.

Curve b — Interference to vision from another 525-line vision signal when the nominal frequency difference between the wanted and unwanted signal carriers is a multiple of the line frequency (15.75 kc/s) plus or minus one third of line frequency (5.25 kc/s).

Curve d — Interference to sound signal from a 525-line vision signal.

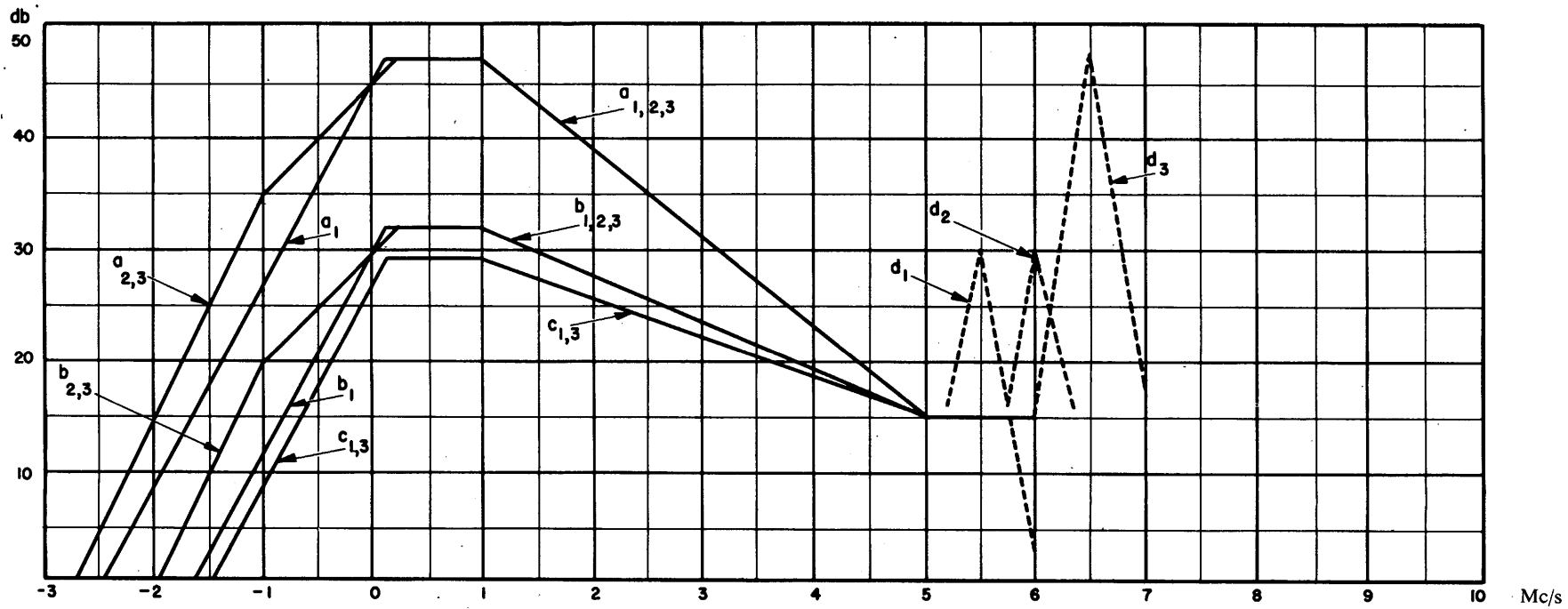


FIGURE 45

625-line system. Protection from vision signal interference

For all the curves in this figure, the levels quoted are those between the wanted and unwanted vision levels. The subscript numbers used on the curves indicate the various applications of the 625-line system: 1 — 625 lines; 2 — system I; 3 — system K*.

Curves a — Interference to vision from 625-, or 819-line systems vision signal, with no special control of the nominal frequency difference between the wanted and unwanted signal carriers.

Curves b — Interference to vision from a 625-line vision signal when the nominal frequency difference between the wanted and unwanted signal carriers is a multiple of the line frequency [15.625 kc/s, plus or minus one third of the line frequency (5.208 kc/s)].

Curves c — Interference to vision from a 625-line vision signal when the nominal frequency difference between the wanted and unwanted signal carriers is an odd multiple of half the line frequency (7.8125 kc/s).

Curves d — Interference to sound from a 625-line vision signal.

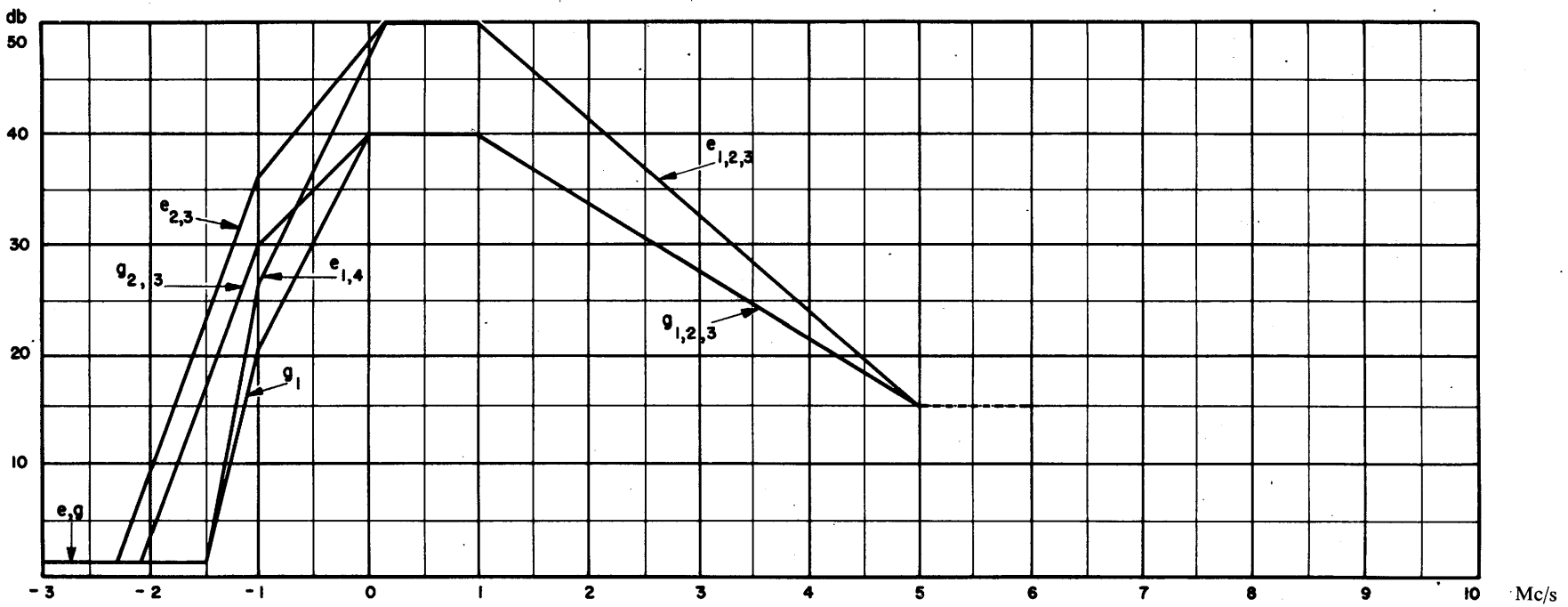


FIGURE 46

625-line system. Protection from CW or sound signal interference

For all the curves in this figure, the ratios quoted are those between the wanted vision and the unwanted sound levels. The subscript numbers are used on the curves to indicate the variations applicable to the various 625-line systems as follows: 1 — 625 lines; 2 — system I; 3 — system K*.

Curves e — Interference to vision from a CW of frequency-modulated sound signal with no special control of the nominal frequency difference between the wanted and unwanted signal carriers. For amplitude modulation of the interfering sound signal the protection ratios should be increased by 4 db.

Curves g — Interference to vision from a frequency-modulated sound signal when the nominal frequency difference between the wanted signal carrier and the sound carrier during quiescent periods is an odd multiple of half the line frequency (7.8125 kc/s).



FIGURE 47

System E. Protection from vision signal interference

For all the curves in this figure, the ratios quoted are those between the wanted and unwanted vision levels.

Curve a — Interference to vision from a 625-, or 819-line vision signal with no special control of the nominal frequency difference between the wanted and unwanted signal carriers.

Curve b — Interference to vision from an 819-line vision signal when the nominal frequency difference between the wanted and unwanted signal carriers is a multiple of the line frequency (20.475 kc/s) plus or minus one third of the line frequency (6.825 kc/s).

Curve d — Interference to the sound signal from a 625-, or 819-line vision signal.

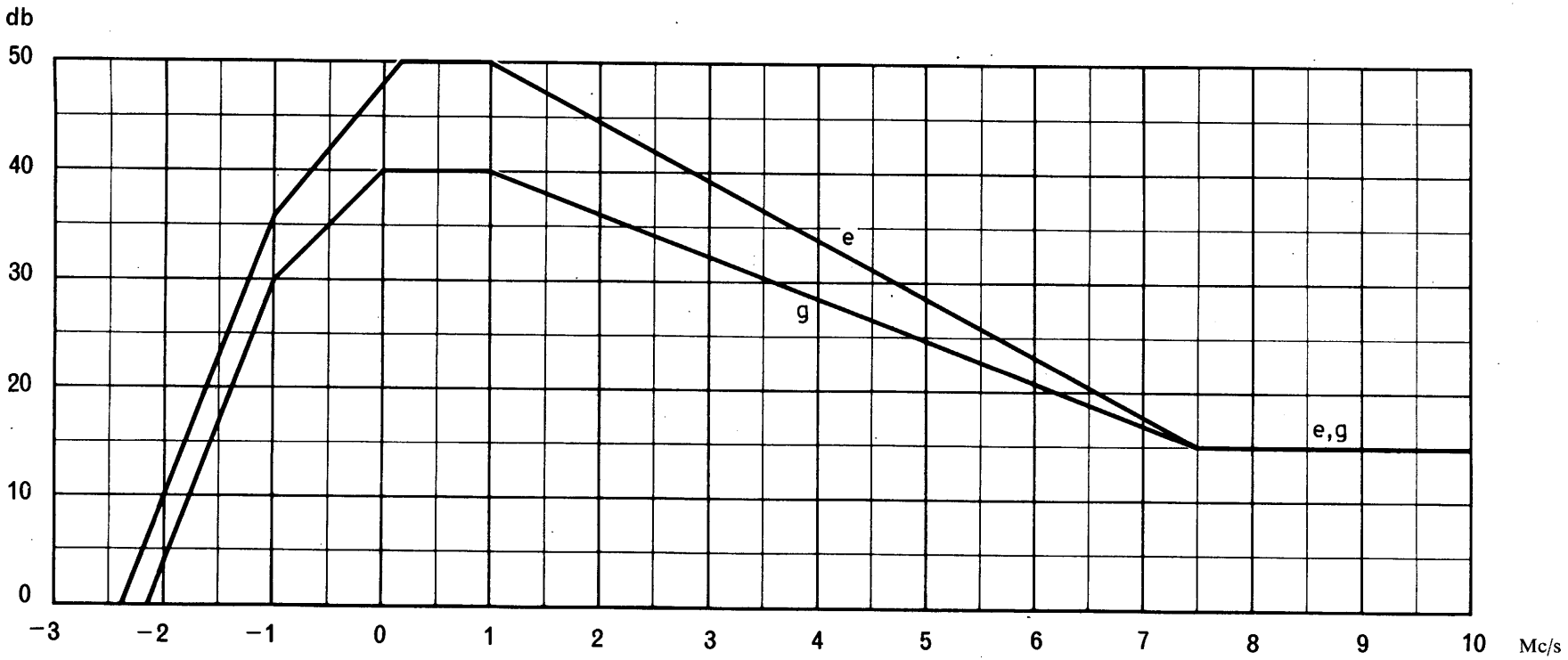


FIGURE 48

System E. Protection from CW or sound signal interference

For both curves in this figure, the ratios quoted are those between the wanted vision and unwanted sound levels.

Curve e — Interference to vision from a CW or frequency-modulated sound signal with no special control of the nominal frequency difference between the wanted and unwanted signal carriers. For amplitude modulation of the interfering sound signal the protection ratios should be increased by 4 db.

Curve g — Interference to vision from a frequency-modulated sound signal when the nominal frequency difference between the wanted signal carrier and the sound carrier during quiescent periods is an odd multiple of half the line frequency (10.2375 kc/s).

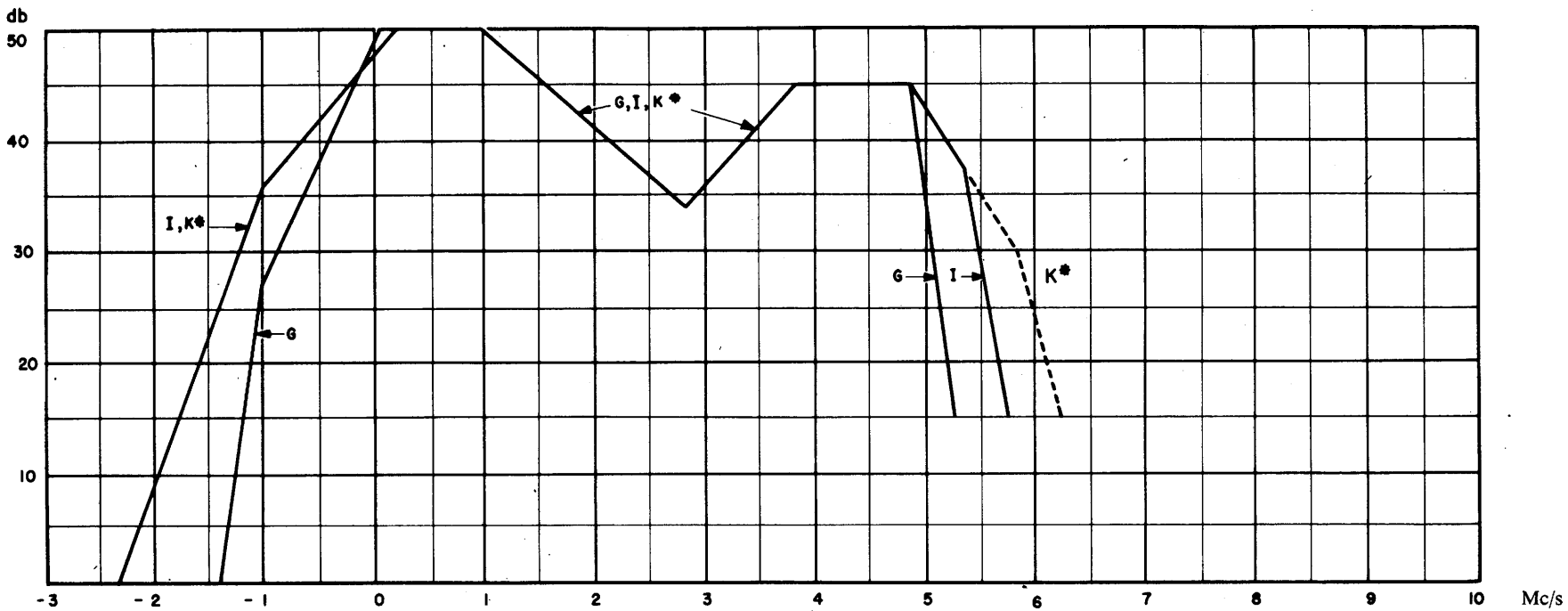


FIGURE 49

Estimated protection ratios for 625-line colour television systems (NTSC system adapted for 625 lines)

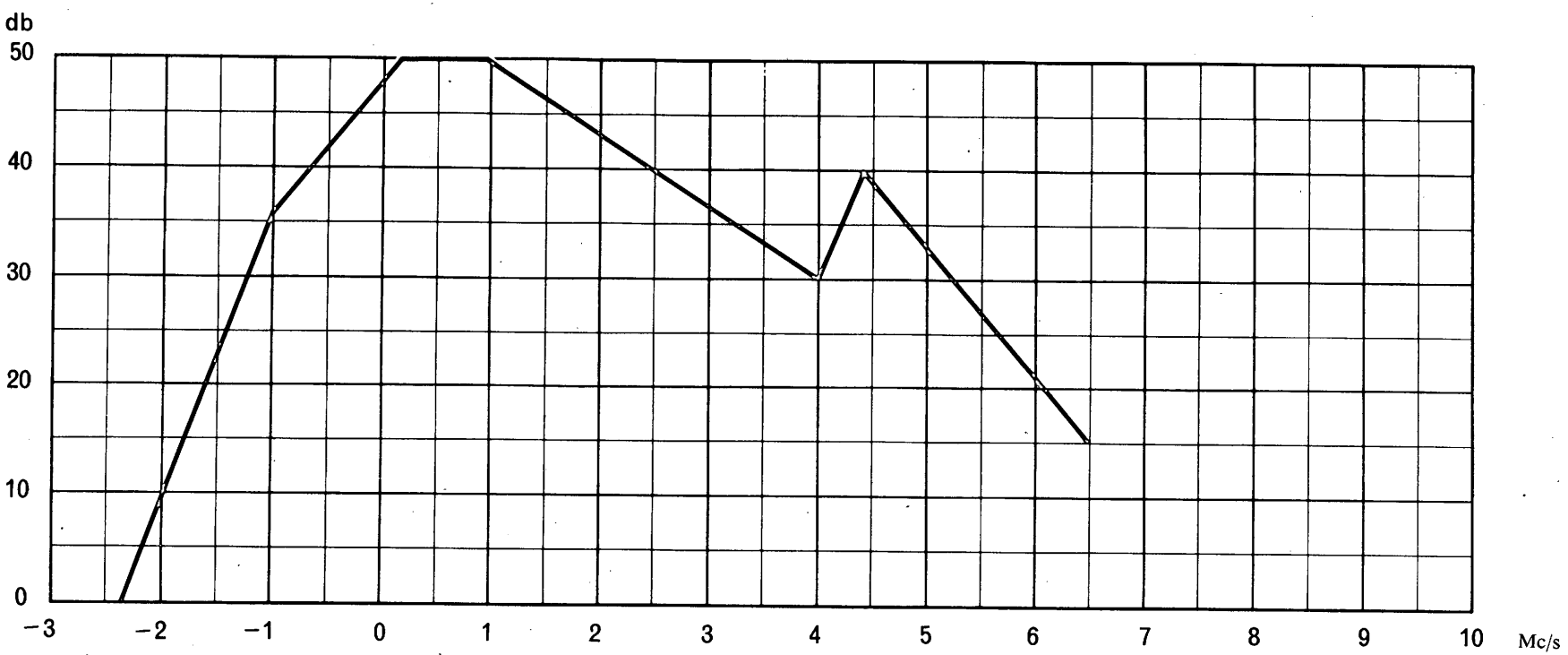


FIGURE 50

Estimated protection ratio for a SECAM 625-line (system K) colour television system*

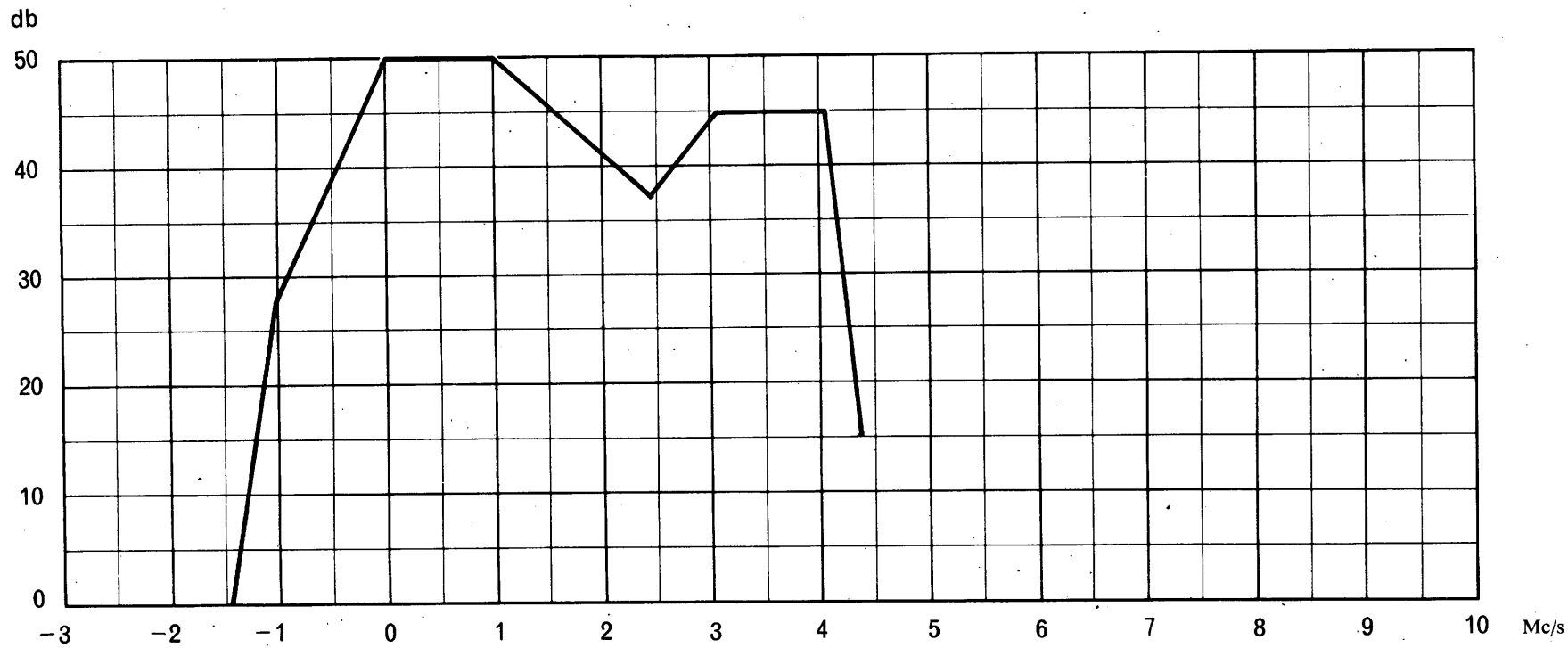


FIGURE 51

Protection ratios for the 525-line NTSC colour television system

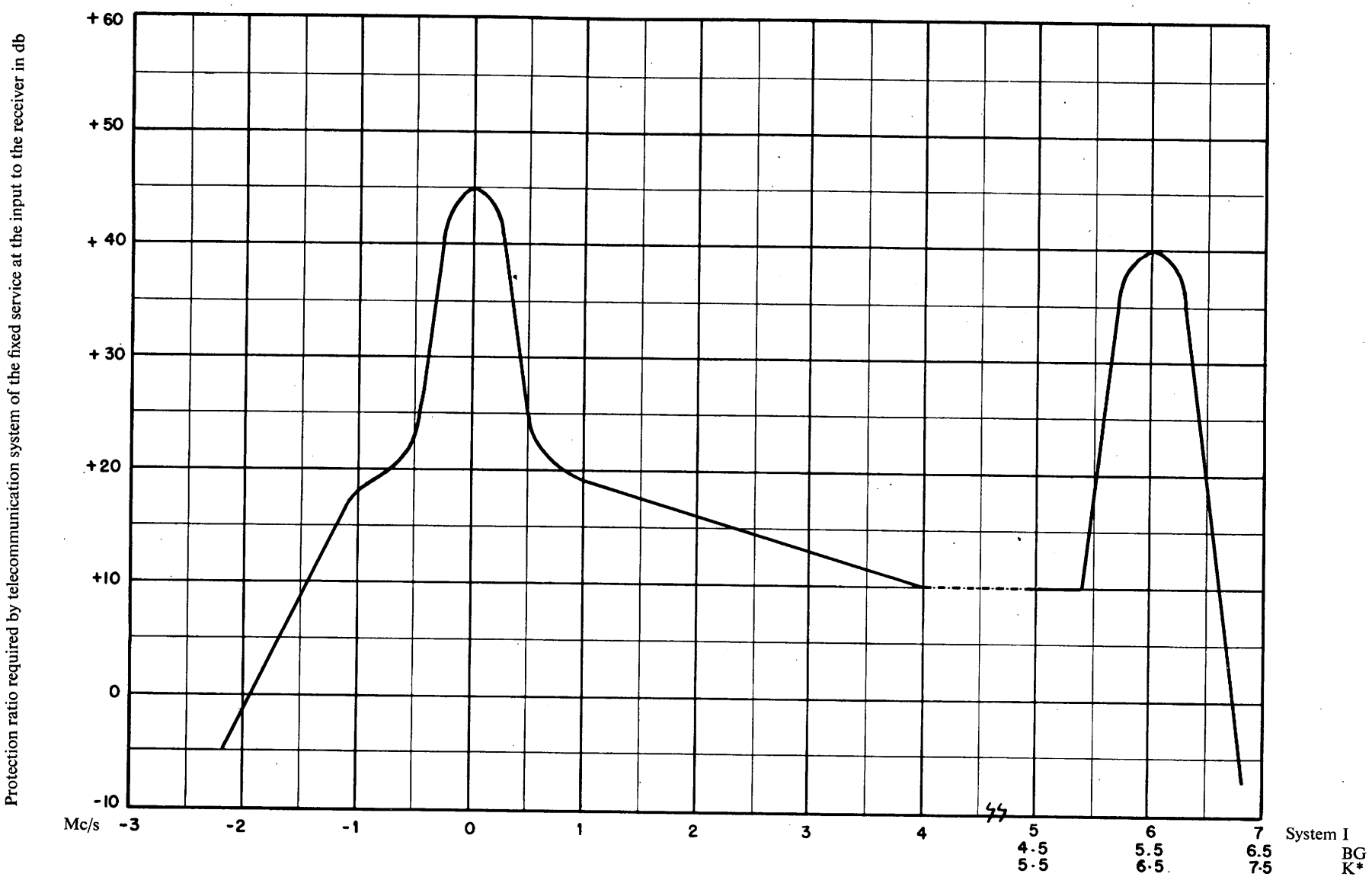


FIGURE 52

Protection ratio required by a 48 channel F.M. radio telephone system; operating within the band occupied by a 625 line television system

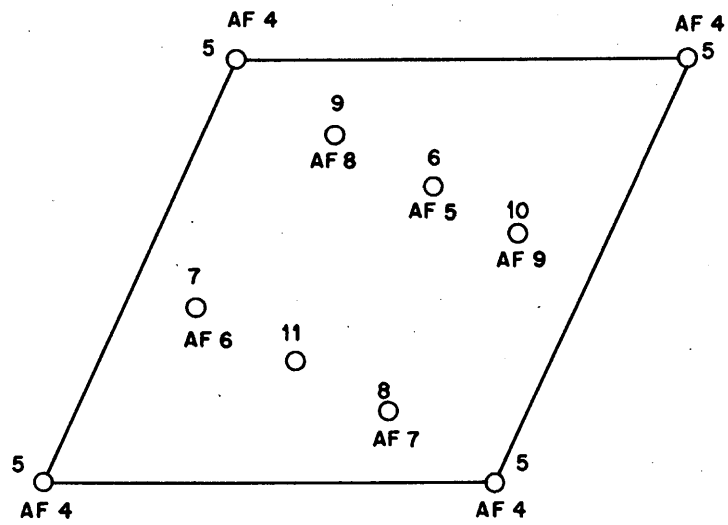


FIGURE 53

Band III

Theoretical lattice

(5) Channel number for standard B,
(AF 4) Channel number for standards I and K*

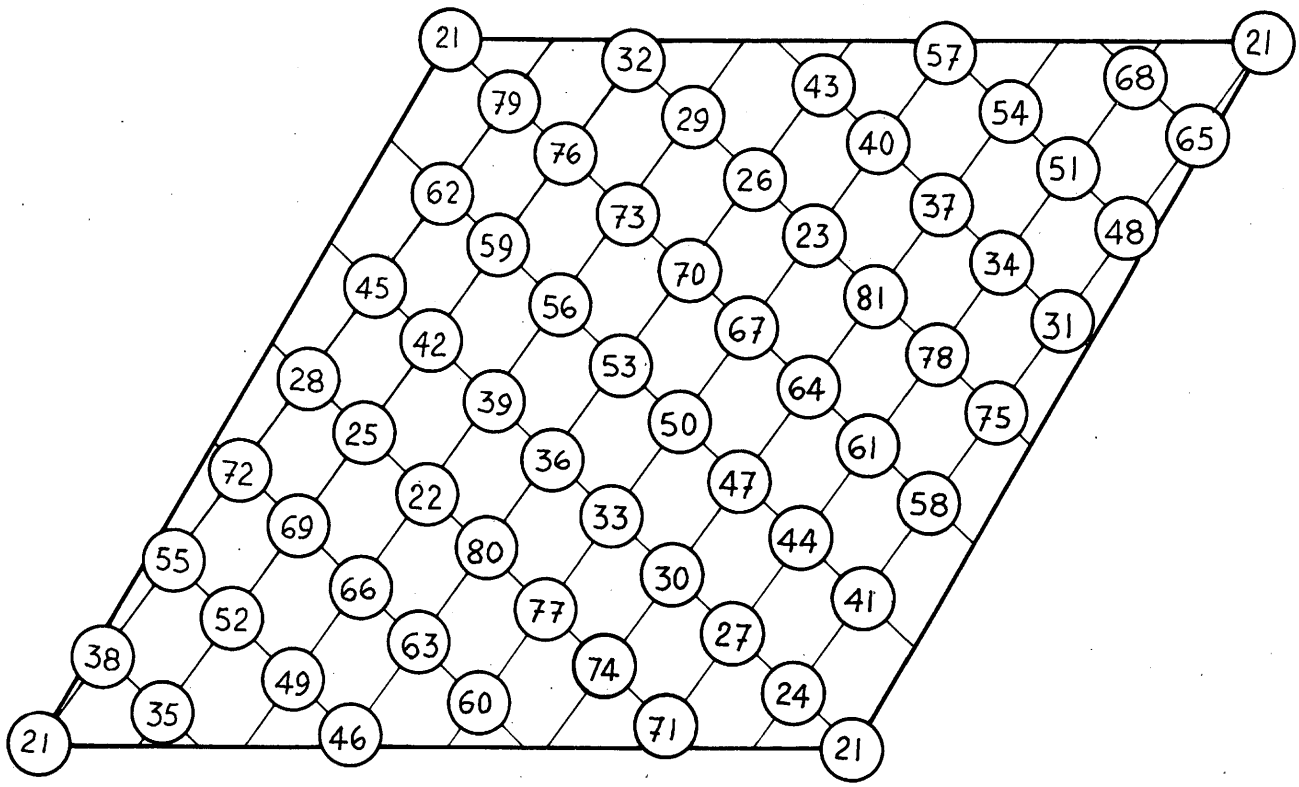


FIGURE 54
Bands IV & V
Theoretical lattice

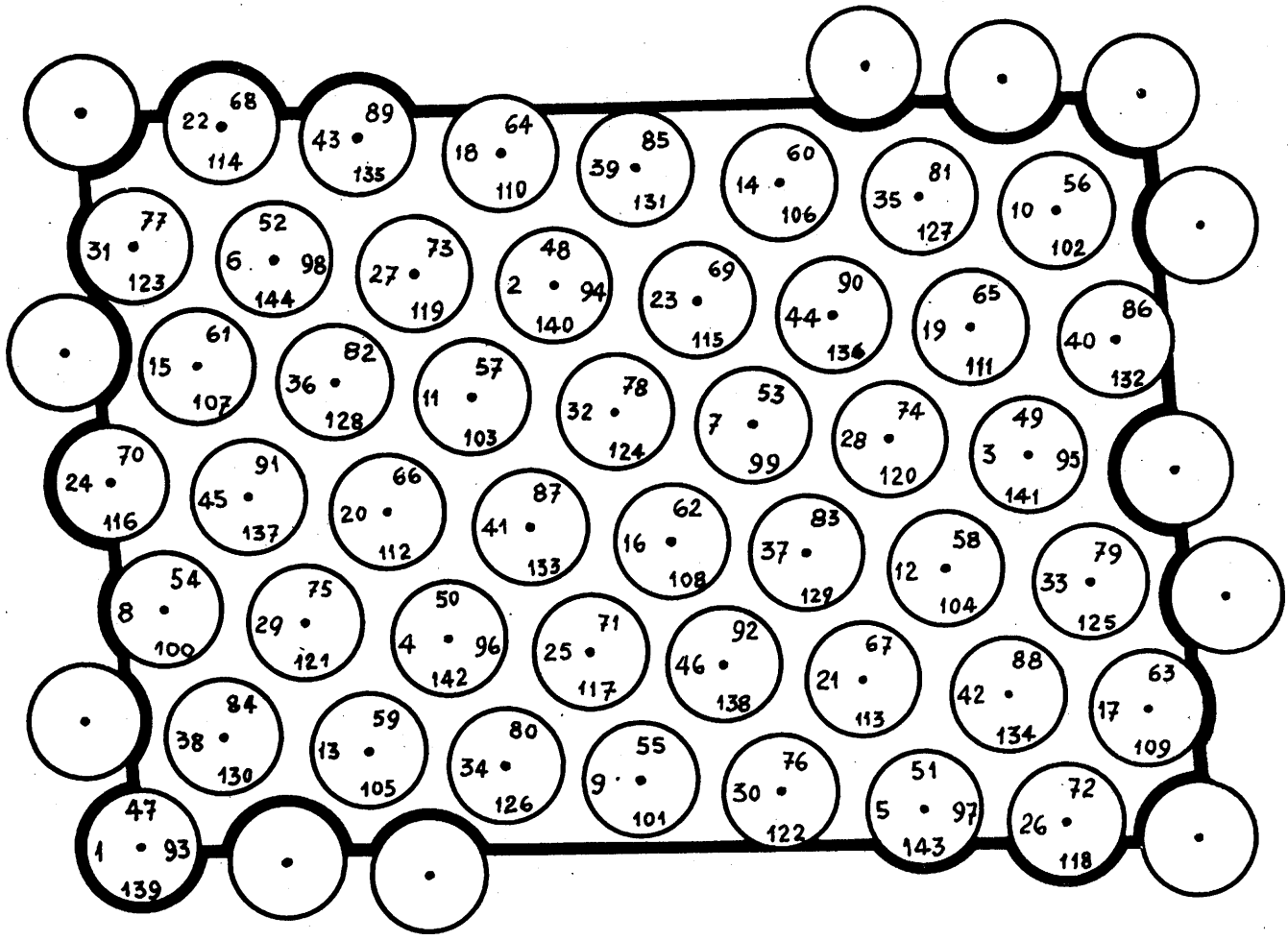


FIGURE 55
Band II
Theoretical lattice

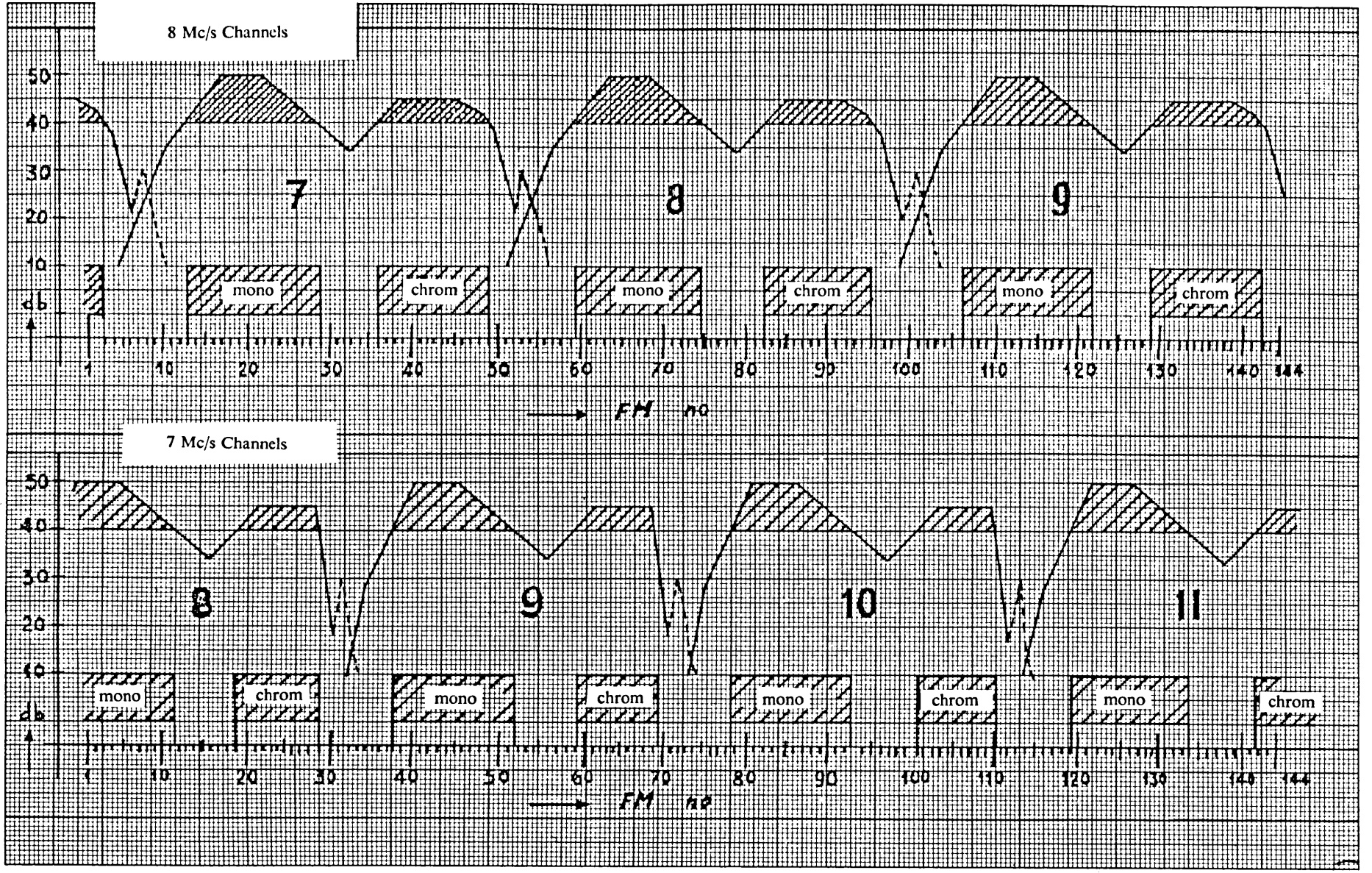


FIGURE 56

Protection necessary against oscillator radiation; the oscillator frequency being the wanted frequency plus 10.7 Mc/s.

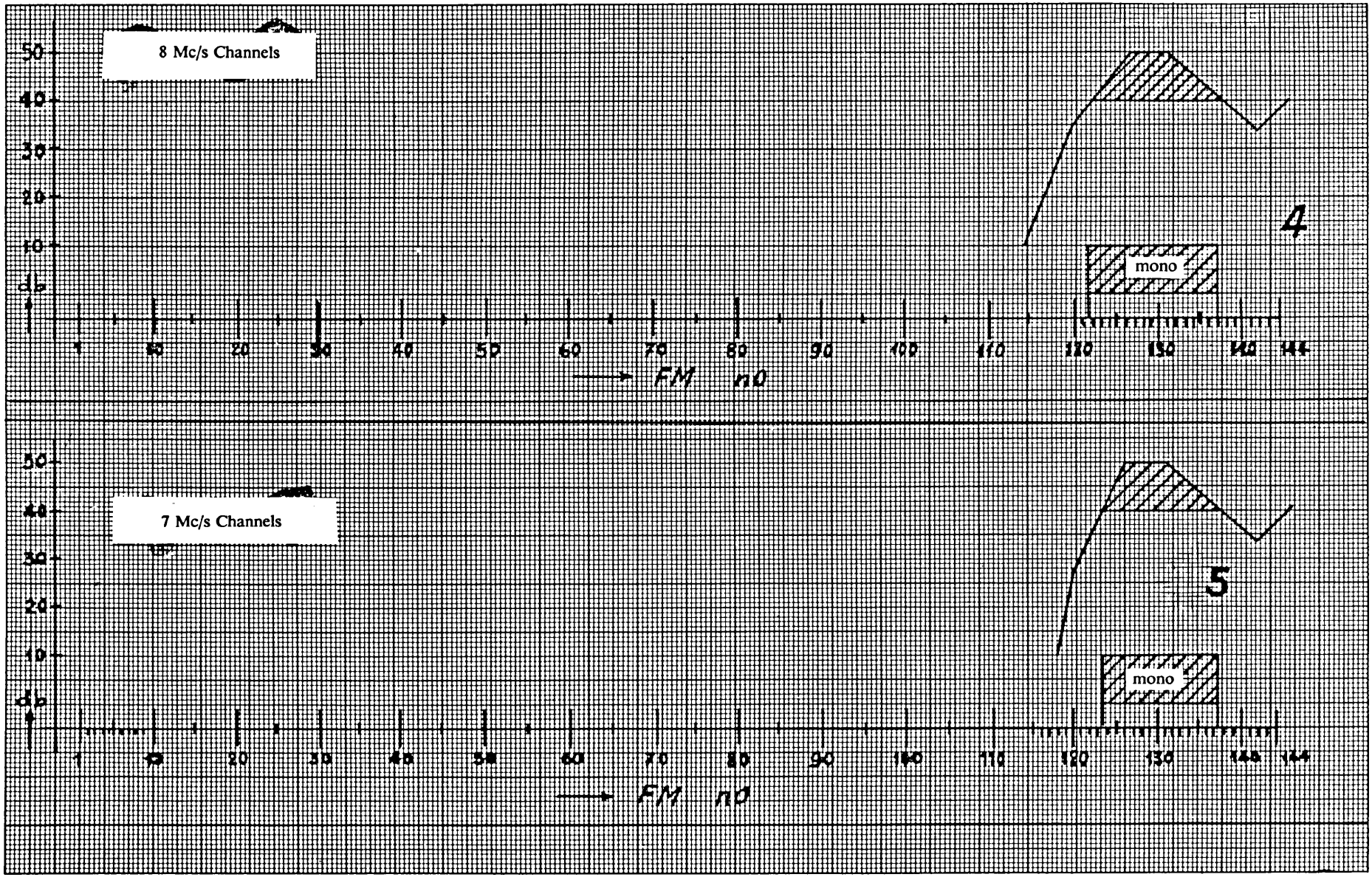


FIGURE 57

Protection necessary against oscillator radiation; the oscillator frequency being the wanted frequency minus 10.7 Mc/s.

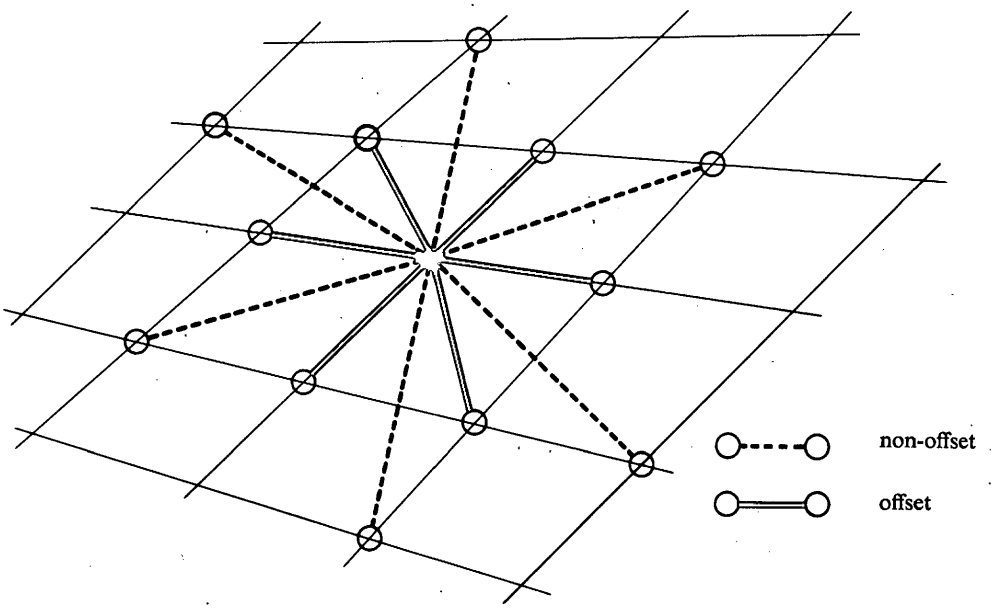


FIGURE 58

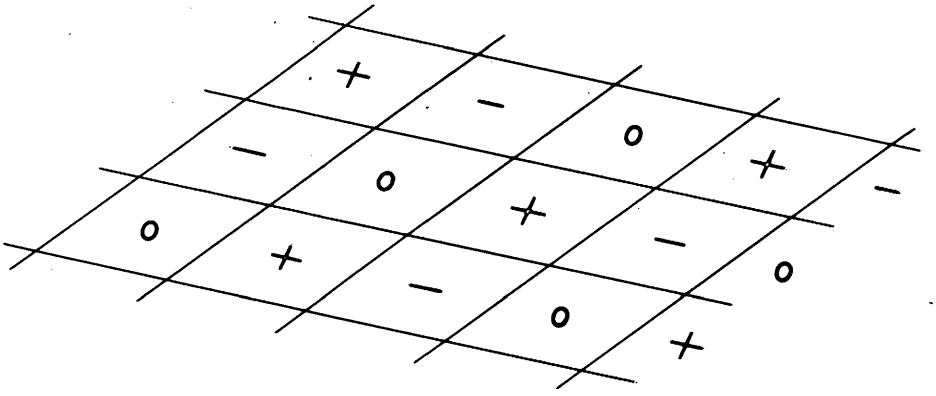


FIGURE 59

FIGURE 60
FIGURA

Quadrillage utilisé pour l'établissement du Plan dans la Bande II

Lattice used for the establishment of the Plan in Band II

Retícula utilizada para la planificación en la Banda II

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KÜMMERLY & FREY, BERNE

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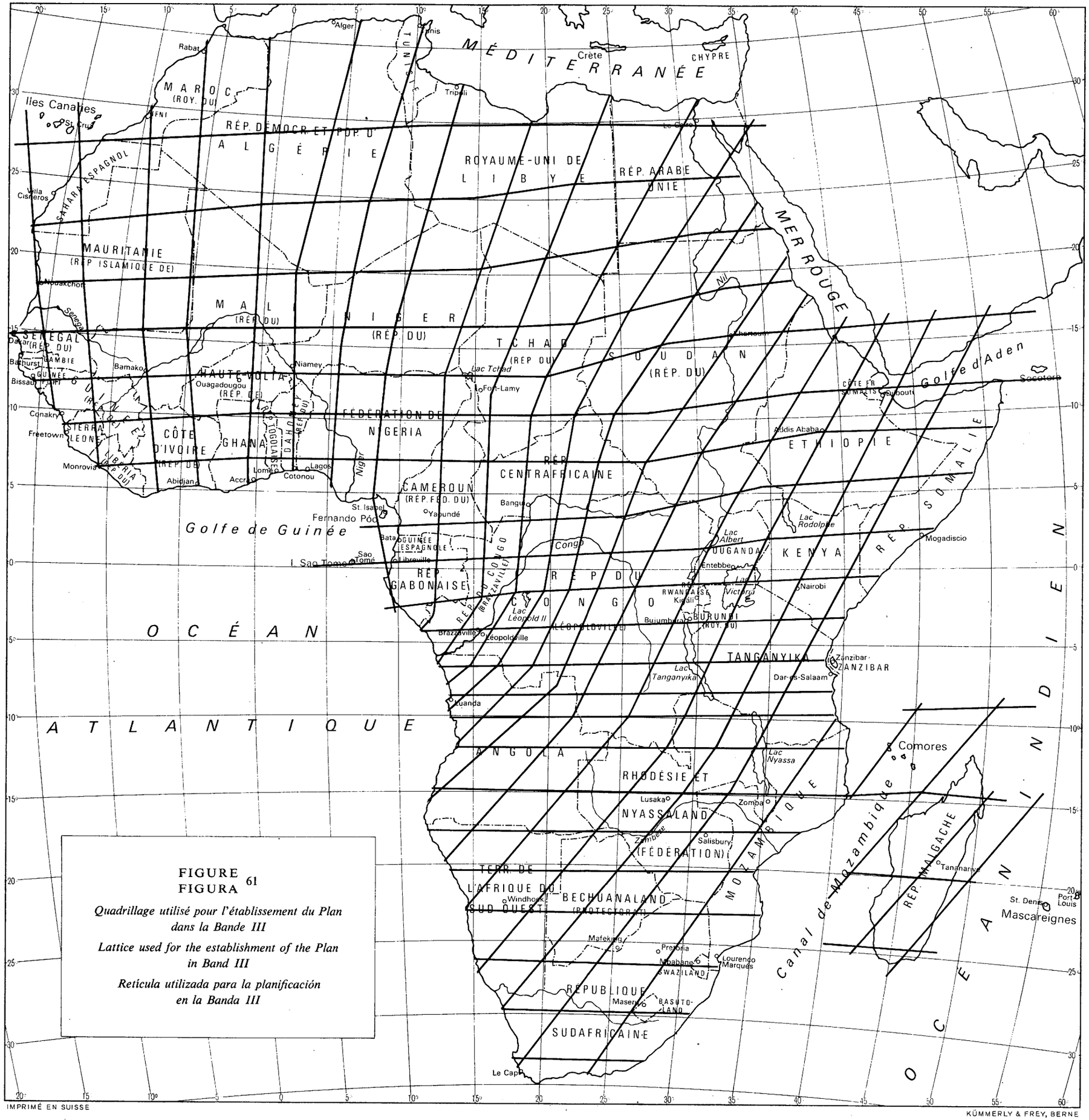


FIGURE 61
FIGURA

Quadrillage utilisé pour l'établissement du Plan dans la Bande III

Lattice used for the establishment of the Plan in Band III

Retícula utilizada para la planificación en la Banda III

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KÜMMERLY & FREY, BERNE

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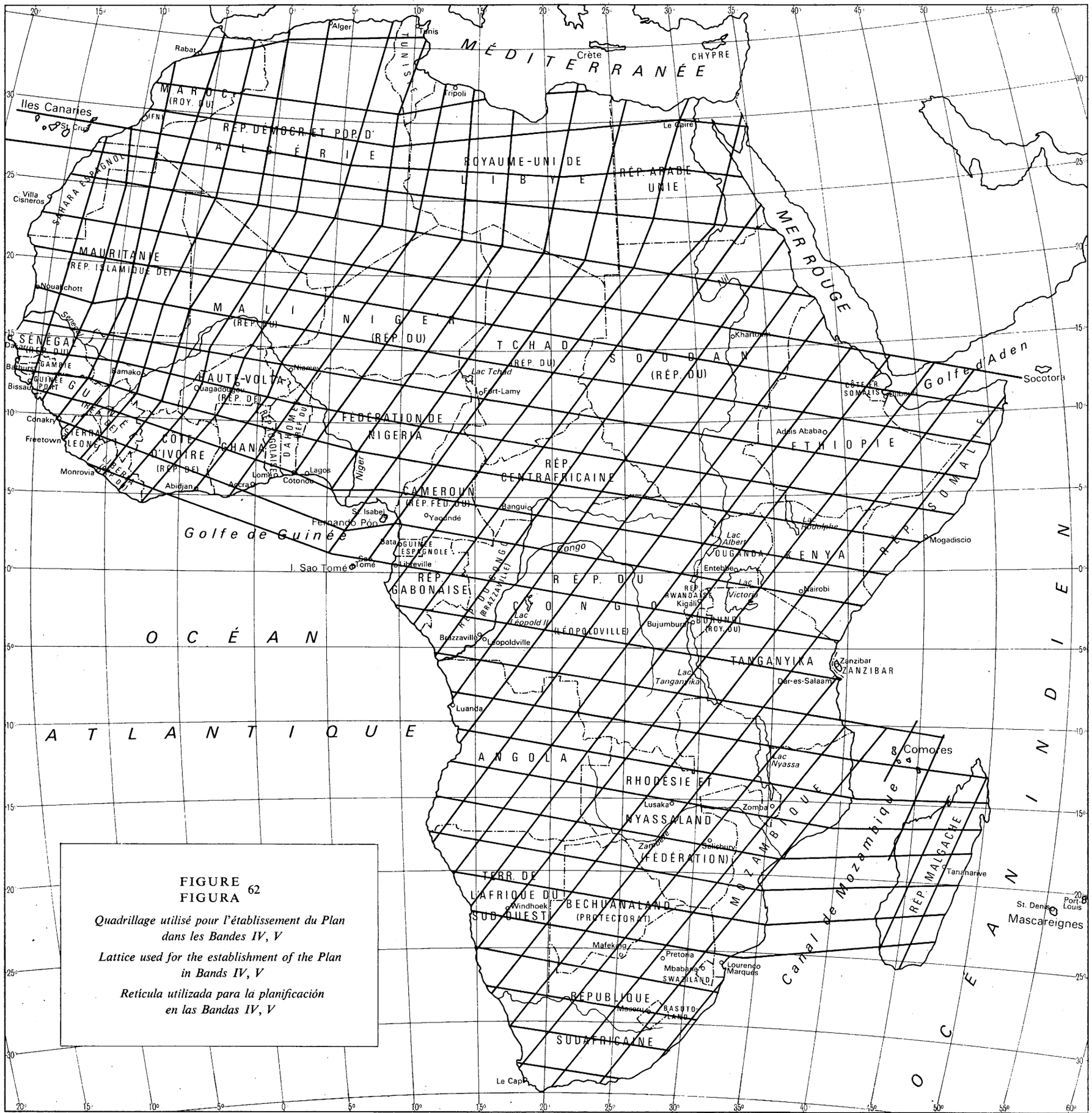


FIGURE
FIGURA 62

Quadrillage utilisé pour l'établissement du Plan dans les Bandes IV, V

Lattice used for the establishment of the Plan in Bands IV, V

Retícula utilizada para la planificación en las Bandas IV, V

IMPRIMÉ EN SUISSE

KÜMMERLY & FREY, BERNE

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APPENDIX I TO ANNEX 3

C.C.I.R. Report 122 *)

Advantages to be Obtained by Using Orthogonal Wave Polarizations in the Planning of Broadcasting Services in the VHF (Metric) and UHF (Decimetric) Bands

Television and Sound

(Question 101)

(Warsaw, 1956—Los Angeles, 1959)

Investigations have been conducted in several countries to ascertain the advantages which can be obtained in sound and television broadcasting by using polarization discrimination in reception. The results of extensive studies made in Europe by the Federal German Republic, France, Italy and the United Kingdom and also in the United States of America, have been made available in documents at Warsaw (1956) and Geneva (1958); and a reasonably definite answer may now be given to the question.

1. *VHF (Metric) Band*

In this band of frequencies between 30 and 300 Mc/s, the median value of discrimination that can be achieved at domestic receiving sites by the use of orthogonal polarization may be as much as 18 db, and under these conditions, the values exceeded at 90% and 10% of the receiving sites are about 10 db and 25 db respectively.

The values of discrimination are likely to be better in open country and worse in built-up areas or places where the receiving antenna is surrounded by obstacles. For domestic installations in densely populated districts the median values of 18 db will usually only be realized at roof level; and this value may be reduced to 13 db or less at street level.

No significant changes in the polarization of metric waves due to transmission through the troposphere have been observed over distances exceeding 200 km. Furthermore, there have been no reports of systematic changes in polarization effects with frequency in the metric band, nor with distance nor type of terrain.

It must be emphasized, however, that in order to realize the discrimination ratios mentioned above, certain precautions are necessary at both the transmitting and receiving installations; cases have been reported in which for a transmitter of horizontally polarized waves, some 7% of the radiated power was vertically polarized. It is clear that if the best discrimination is to be obtained for co-channel operation, the transmitters and antenna systems must be designed and installed so as to radiate as much as possible of the total power on the assigned polarization.

*) This Report, which replaces Report 85, was adopted unanimously.

In the same way, in order to achieve the desired discrimination at the home receiving installation, the reception of the undesired orthogonally polarized waves on the antenna feeder and on the receiver itself must be reduced to the minimum practicable value.

2. *UHF (Decimetric) Band*

Experiments have been conducted in the United Kingdom using horizontally polarized radiation on a frequency of about 500 Mc/s. Systematic measurements were made to determine the polarization discrimination at typical urban and rural sites at distances up to about 55 km from the transmitter. The results showed that the discrimination obtained is similar to that already described above for frequencies in the VHF band, although the factor exceeded for 90% of the receiving sites was only 8 db (as compared with 10 db for VHF). It is to be noted, however, that the transmitting antenna in use had considerable directivity, and there was a marked decrease in the polarization discrimination for directions of reception some 40° away from the direction of maximum radiation.

As in the VHF band, care is necessary to ensure that the transmitter and receiver respectively do not emit or receive radiation of the undesired polarization. Apart from this, however, experience indicates that in the UHF band, the use of horizontal polarization offers advantages, because of the greater directivity obtainable at the receiving antennae; this reduces the effect of reflected waves, particularly in town areas. The European Broadcasting Union, therefore, considers that frequency assignments in these bands should be based on the general use of horizontal polarization, though exceptions may be made in cases where orthogonal polarization is necessary to achieve the desired protection.

3. *Conclusion*

From the studies described above, it is clear that the use of orthogonal polarization for broadcasting stations operating in the same frequency channel is of material assistance in discriminating against the reception of undesired signals. Worth-while advantages are obtainable over the whole band of frequencies from 40 to 500 Mc/s and within the normal broadcasting service ranges. From the uniformity of the discrimination obtained over these frequencies, it is considered to be almost certain that the advantages will extend to the top of the UHF broadcasting band at nearly 1000 Mc/s.

This Report is considered to provide a sufficient answer to Question 101 for practical use, and this Question should now be concluded.

BIBLIOGRAPHY

Doc. 267, 435 and 512 of Warsaw, 1956.

Doc. V/1, V/6, V/12, V/23 and V/27 of Geneva, 1958.

APPENDIX II TO ANNEX 3

Band I — Limiting Distances

Effective radiated power	Antenna height (m)																	
	75						300						1200					
	Climatic region						Climatic region						Climatic region					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
300 kW	525	420	510	650	440	500	560	450	540	700	480	540	600	500	600	750	530	600
100	475	375	460	600	390	450	500	400	500	650	430	480	550	470	550	670	490	540
30	420	340	410	530	350	390	450	370	450	570	400	420	500	430	500	640	450	500
10	360	300	360	460	310	340	400	340	400	520	350	380	450	400	460	580	420	450
3	300	270	300	375	265	290	350	300	350	450	300	340	400	360	420	520	380	410
1	260	225	250	310	230	240	300	270	320	390	280	300	360	330	370	470	350	380
300 W	200	210	210	260	200	210	260	240	270	320	240	250	320	300	330	420	320	340
100	180	185	180	200	165	170	230	210	240	280	210	220	290	270	300	380	285	300
30	150	160	150	160	140	150	190	190	200	240	180	190	260	250	270	330	250	270
3	130	140	125	135	100	125	170	170	180	200	160	165	230	230	240	290	230	240
1	110	120	105	105	105	105	150	150	150	165	145	145	210	210	220	260	210	215
300 mW	95	105	95	95	95	95	125	135	130	140	125	125	180	190	190	220	185	190
100	85	90	85	82	85	82	115	120	115	130	110	110	165	170	170	190	165	170
30	80	80	75	75	75	75	100	105	100	100	100	100	150	155	150	160	145	150
3	80	75	70	70	70	70	70	95	90	90	90	90	130	140	135	140	130	135
1	75	75	65	65	65	70	85	85	80	80	80	80	120	125	120	120	120	120

Notes: *(a)* The tables for Bands I, III, IV and V of limiting distances have been preparated subject to the use of offset for the whole TV network.

(b) An average 150 km should be added to the values in the Table to get the limiting distance for TV network without offset.

Band II — Limiting Distances

Effective radiated power	Antenna height (m)																	
	75						300						1200					
	Climatic region						Climatic region						Climatic region					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
300 kW	460	370	430	570	380	430	490	400	470	600	420	470	530	450	530	660	480	530
100	400	330	380	500	330	375	430	360	410	550	380	410	470	420	470	610	440	480
30	350	290	330	430	290	320	380	320	380	500	340	370	430	390	430	560	410	440
10	290	250	275	370	250	275	330	290	330	440	300	330	380	350	400	500	370	400
3	240	230	230	300	210	230	290	260	290	375	260	280	340	320	350	460	330	360
1	200	200	190	235	180	190	250	230	250	310	230	240	310	290	320	410	300	330
300 W	165	175	160	180	160	160	210	210	220	260	200	210	280	265	290	380	275	290
100	140	150	130	140	130	140	280	180	180	220	175	180	250	240	260	320	240	260
30	120	130	110	120	115	120	160	160	160	180	150	160	230	230	230	280	220	230
10	100	110	100	100	100	100	140	140	140	150	130	140	200	200	200	240	200	210
3	90	95	85	85	90	90	120	125	120	130	120	120	180	180	180	210	180	185
1	80	85	80	80	80	80	105	110	105	110	105	140	160	160	160	180	160	160
300 mW	85	75	75	75	75	70	90	95	95	100	95	95	140	140	145	160	140	140
100	65	70	65	65	70	68	85	90	85	85	85	85	125	130	130	130	130	130
30	65	65	65	65	65	65	80	80	80	80	80	80	115	120	105	120	110	120
10	50	60	60	60	60	60	70	70	70	70	70	70	100	100	95	100	100	100
3	50	50	50	50	50	40	65	65	75	65	65	65	85	85	85	85	85	85
1	40	40	40	50	40	40	65	65	65	60	65	60	75	75	75	75	75	75

Note: This Table has been preparated for the minimum field strength to be protected equal to 60 db.

Band III — Limiting Distances

Effective radiated power	Antenna height (m)																	
	75						300						1200					
	Climatic region						Climatic region						Climatic region					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
300 kW	480	390	470	600	400	450	520	420	500	650	450	490	580	480	560	680	500	550
100	420	350	420	540	360	400	470	380	480	590	400	440	500	440	510	650	470	500
30	370	310	360	480	310	350	410	350	400	530	360	390	460	400	470	590	425	460
10	320	280	310	410	275	290	350	310	360	470	320	350	410	370	430	540	390	420
3	265	240	270	340	230	250	310	280	320	410	280	300	370	330	380	490	350	380
1	220	220	220	280	200	210	270	250	280	350	250	260	330	310	350	440	320	350
300 W	180	190	180	220	170	180	230	225	250	300	220	225	290	280	310	400	290	310
100	150	170	150	160	140	150	200	200	210	250	190	190	260	260	280	350	260	280
30	130	145	130	130	120	130	170	180	180	200	165	170	230	230	250	300	230	250
10	110	125	110	110	110	110	200	160	160	170	145	145	260	210	230	265	210	220
3	95	105	95	95	95	95	130	140	130	180	130	130	190	190	200	230	190	200
1	85	90	85	85	85	85	110	120	115	120	110	110	170	170	175	200	170	170
300 mW	75	80	75	75	75	75	100	105	100	105	110	100	150	160	160	170	150	150
100	70	75	70	70	70	70	90	95	90	85	90	90	130	140	140	150	135	140
30	65	70	65	65	65	65	85	85	85	85	85	85	120	130	125	130	120	120
10	65	60	63	63	63	63	75	75	75	75	75	75	105	105	110	110	105	105
3	50	50	60	60	60	60	65	70	70	70	70	80	80	95	95	95	95	95
1	40	50	40	50	50	50	65	65	65	65	65	65	80	85	85	85	80	80

Bands IV and V — Limiting Distances

Effective radiated power		Antenna height (m)																	
		75						300						1200					
		Climatic region						Climatic region						Climatic region					
Band IV	Band V	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
300 kW	1000 kW	440	260	350	600	270	330	460	290	400	605	315	375	520	360	450	740	380	420
100	300	360	230	300	510	240	280	390	270	350	580	280	330	460	330	410	650	350	390
30	100	300	210	250	450	210	240	330	240	310	500	250	290	400	300	370	575	320	350
10	30	250	180	210	380	190	200	280	215	275	440	230	250	360	270	330	510	300	320
3	10	190	160	170	300	160	170	230	190	225	380	200	210	320	250	300	450	270	280
1	3	150	140	140	250	140	140	200	170	200	330	180	180	280	230	270	400	240	250
300 W	1	125	120	120	190	120	120	160	150	170	280	160	160	240	210	240	350	220	230
100	300 W	105	105	100	130	100	100	140	125	140	230	130	180	210	190	210	310	190	200
30	100	90	90	90	105	90	90	120	120	125	190	120	120	185	170	185	280	170	180
10	30	80	90	80	80	80	80	105	105	110	150	105	105	160	160	165	240	150	160
3	10	75	75	73	75	72	75	95	95	85	110	95	85	140	140	150	210	140	140
1	3	65	65	67	67	67	67	85	85	85	95	85	85	130	130	130	180	125	125
300 mW	1	64	64	65	64	64	65	80	80	80	80	80	80	110	115	105	150	110	110
100	300 mW	60	60	60	60	60	60	70	75	75	75	72	75	100	100	100	120	100	100
30	100	55	50	55	55	55	55	70	70	70	68	68	70	90	90	90	100	90	90
10	30	50	40	50	50	50	50	65	65	55	63	65	65	75	80	80	80	80	80
3	10	40	40	40	40	45	45	60	60	50	60	60	60	65	65	65	65	65	65
1	3	40	40	40	40	40	40	50	50	50	50	50	50	60	60	60	60	60	60

FINAL PROTOCOL

to the

REGIONAL AGREEMENT

for the

AFRICAN BROADCASTING AREA

At the time of signing the Regional Agreement for the African Broadcasting Area, the undersigned Delegates take note of the following statements forming part of the Final Acts of the African VHF/UHF Broadcasting Conference, Geneva, 1963:

I

For the Republic of South Africa and Territory of South-West Africa:

On signing the Regional Agreement for the African Broadcasting Area concerning the use of frequencies by the Broadcasting Service in the VHF and UHF bands, the Delegation of the Republic of South Africa and Territory of South-West Africa, in view of No. 304 of the Radio Regulations, Geneva, 1959, draws the attention of all concerned to Conference Document No. 95 (Rev), dated 23 May, 1963, which gives details of the planned use of the band 223-235 Mc/s for broadcasting by the Republic of South Africa and Territory of South-West Africa.

II

For the Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible:

The Delegation representing the Overseas Territories for the international relations of which the Government of the United Kingdom of Great Britain and Northern Ireland are responsible declares that the territories on behalf of which it has signed the present Agreement are:

Gambia	Aden and the South Arabian Protectorate
Bechuanaland	Seychelles
Basutoland	Mauritius
Swaziland	St. Helena, including Ascension and Dependencies
Zanzibar	

III

For the Portuguese Oversea Provinces in Africa and the Republic of South Africa and Territory of South-West Africa

On signing the Regional Agreement for the African Broadcasting Area concerning the use of frequencies by the broadcasting service in the VHF and UHF bands, the Delegations of the Portuguese Oversea Provinces and of the Republic of South Africa and Territory of South-West Africa, in view of No. 269 of the Radio Regulations, Geneva, 1959, draw the attention of all concerned to Conference Document No. 76 dated 20 May, 1963, which gives details of planned use of the band 100-108 Mc/s for broadcasting in Angola and Mozambique, and by the Republic of South Africa and Territory of South-West Africa.

The signatures following the Final Protocol are the same as those which follow the Agreement.

* * *

RESOLUTIONS AND RECOMMENDATIONS

RESOLUTION No. 1

Aden and the Protectorate of South Arabia

The African VHF/UHF Broadcasting Conference, Geneva, 1963,

considering

the proximity of the territory of Aden and the Protectorate of South Arabia (in which area a plan for the VHF/UHF Broadcasting Service does not exist) to the African Broadcasting Area;

recognising

the necessity of integrating the VHF/UHF broadcasting requirements of Aden and the Protectorate of South Arabia with those of neighbouring African countries in order to avoid mutual interference;

noting

that the VHF/UHF broadcasting requirements for this territory have been submitted to the Conference;

resolves

that the proposed VHF/UHF requirements of Aden and the Protectorate of South Arabia be included in the Plan adopted by the Conference.

RESOLUTION No. 2

Additional Tasks of the I.F.R.B.

The African VHF/UHF Broadcasting Conference, Geneva, 1963,

resolves

that the attention of the Administrative Council should be drawn to the additional tasks that the Conference has entrusted to the I.F.R.B.

* * *

RECOMMENDATION No. 1

Clearance of Band III

The African VHF/UHF Conference, Geneva, 1963,

noting

a) that certain African countries are using frequencies in Band III for services other than broadcasting, as provided for in the Table of Frequency Allocations (Article 5), and Nos. 291, 293, 294, 297 and 301 of the Radio Regulations, Geneva, 1959;

b) that Band III is the optimum one for the television service, in that it permits the best service area coverage and that there is no great risk of long-distance interference;

c) that full use of this band should be encouraged for the television service, consistent with the use of other services;

d) that care should be taken to ensure that no mutual interference exists between other established services and the television service established in accordance with the Plans;

recommends

to Administrations of countries in the African Broadcasting Area:

1 that Band III whenever possible be cleared of services other than broadcasting;

2 that, in the meantime,

2.1 every effort should be made to ensure that other authorized users of this band do not cause interference to the broadcasting service and vice versa;

2.2 no new stations other than broadcasting would be established in Band III and that every effort should be made to provide for the operation of other services in other bands, so that a future Administrative Radio Conference competent to consider allocation of bands, may consider making an exclusive allocation in Band III for the broadcasting service.

RECOMMENDATION No. 2

Interference

The African VHF/UHF Broadcasting Conference, Geneva, 1963,

considering

that serious interference to VHF/UHF broadcasting services can be caused by stations transmitting on the intermediate frequencies of VHF/UHF broadcasting receivers in use (see Annex 3 to the Agreement);

recommends

that Administrations avoid, as far as possible, using these frequencies, particularly for stations in the high frequency bands.

RECOMMENDATION No. 3

Radio Astronomy Observations in the Frequency Band 606 — 614 Mc/s

The African VHF/UHF Broadcasting Conference, Geneva, 1963,

considering

a) that radio astronomy is a recognised service in the Radio Regulations;

b) that the frequency band 606-614 Mc/s is already in use at some radio astronomy observatories and is planned for several others;

c) that the receiving equipment at these observatories has an extremely high sensitivity; and

d) that it is most important that these observatories should be able to conduct their scientific work at all times and seasons;

recommends

that Administrations should avoid, as far as possible, the use of Channel No. 38 (606-614 Mc/s) in the development of their UHF broadcasting services.

RECOMMENDATION No. 4

Radio Astronomy Observations in the Frequency Band 1400-1427 Mc/s

The African VHF/UHF Broadcasting Conference, Geneva, 1963,

considering

a) that radio astronomy is a service recognised in the Radio Regulations;

b) that this service has been allotted the band of frequencies 1400-1427 Mc/s exclusively for observations on the natural radiation from hydrogen gas;

c) that the receiving equipment used at radio astronomy observatories has an extremely high sensitivity; and

d) that it is most important that these observatories should be able to conduct their scientific work at all times and seasons;

recommends

that Administrations operating broadcasting stations in Channels 21 (470-478 Mc/s), 50 (702-710 Mc/s) and 51 (710-718 Mc/s) should take all practicable precautions to ensure that harmonic radiations from these stations do not interfere with radio astronomy observations in the frequency band 1400-1427 Mc/s.

RECOMMENDATION No. 5

Frequency Modulation Transmissions and Low-Cost Receivers

The African VHF/UHF Broadcasting Conference, Geneva, 1963,

recalling

Recommendation No. 15 of the Administrative Radio Conference, Geneva, 1959 (see Annex 1 to the present Recommendation);

recommends

that all Administrations give effect to that Recommendation as soon as possible;

urges

all Administrations to make every effort to foster the production, with all possible speed, of low-cost broadcast receivers, especially VHF/FM receivers, as specified in C.C.I.R., Recommendations Nos. 415 and 416 drawn up in response to Recommendation No. 7 of the Administrative Radio Conference, Geneva, 1959 (see Annexes 2 and 3 to the present Recommendation);

requests the Secretary-General

to bring this Recommendation to the attention of all Members and Associate Members of the Union.

Annex 1 to Recommendation No. 5

RECOMMENDATION No. 15

of the Administrative Radio Conference (Geneva, 1959)

Relating to Frequency Modulation Transmissions

The Administrative Radio Conference, Geneva, 1959,

considering:

a) that listeners should be enabled to hear national broadcasting transmissions free of interference from other stations;

b) that in many regions, the overloading of Bands 5 and 6 is such that listening is becoming increasingly difficult;

c) that experience has shown that where frequency modulated transmissions are broadcast in Band 8, listeners in those countries are assured of improved reception;

recommends:

that the Members and Associate Members of the Union should consider the possibility of using frequency modulated transmissions in the Band 8 for their national broadcasting services.

Annex 2 to Recommendation No. 5

C.C.I.R. RECOMMENDATION 415

Performance Specifications for Low-Cost Sound Broadcasting Receivers

(Study Programme 170 (XII)) — (Geneva, 1963)

The C.C.I.R.

considering

a) Recommendation 7 of the Administrative Radio Conference, Geneva, 1959;

b) that the advantages of broadcasting should be made more easily available to the populations of the countries where at present the density of receivers is particularly low due to economic, geographic or technical reasons;

c) that to this end, it is desirable that efficient broadcasting receivers should be available at prices low enough to secure their wide distribution in those countries;

d) that general agreement on the performance of suitable broadcasting receivers would prove most useful to radio receiver manufacturers by assisting them to produce suitable receivers having an agreed adequate standard of performance at the lowest possible cost;

unanimously recommends

that the minimum performance specifications contained in the Annex be used to assist in the design and development of low-cost sound broadcasting receivers suitable for production in large quantities.

ANNEX TO C.C.I.R. RECOMMENDATION 415

These specifications apply to the following types of receivers:

Type A: a low sensitivity MF receiver,

Type B: a combined MF/HF receiver,

Type C: a medium sensitivity VHF FM receiver.

1 *General*

1.1 Each of the three types of receivers should be available for either mains or battery operation. For battery operation, all three types of receivers should be fully transistorized to ensure economy of power consumption. For mains operation, either valves or transistors may be used, considerations of cost being the guiding factor.

1.2 For battery operated receivers, the minimum performance specifications listed in this Recommendation should be achieved for the nominal battery voltage less 30% as specified in the relevant I.E.C. publication.

1.3 The methods of measurement employed should be those recommended in the relevant I.E.C. publications for amplitude modulation receiver and frequency modulation receiver. *)

1.4 The receivers should be simple, robust and well protected against dust. Those intended for use in regions of high temperature and humidity should be treated so that they can be used under the climatic conditions laid down by the Administration concerned. The appropriate tests required by the Administration procuring such receivers should comply with the relevant I.E.C. specifications.

1.5 In case national regulations prescribe measuring methods or tests different from the standard I.E.C. methods, the administrations will, where necessary, draw attention to this.

2 *Specification for Type A Receivers*

2.1	Frequency coverage in kc/s	525-1605
2.2	Sensitivity for 50 mW output 30% modulation at 400 c/s	5 mV/m **)
2.3	Signal/noise ratio for input as under § 2.2	20 db for mains operated tube receivers 26 db for transistor receivers
2.4	Power output, for less than 10% distortion	not less than 0.1 W
2.5	Overall selectivity	
	at —6 db points	passband not less than ± 3 kc/s
	at —20 db points	passband not greater than ± 10 kc/s
2.6	Image, intermediate frequency and spurious response ratio	not less than 30 db
2.7	Overall fidelity including acoustic response of loudspeaker	250-3150 c/s within 18 db limits
	Alternatively, it may be more convenient for some manufacturers to consider only the electrical characteristics which should be:	100-4000 c/s within 12 db limits (in a graphical presentation 400 c/s should be taken as the reference 0 db level)

*) See C.C.I.R. Recommendation 237.

**) Assumes an in-built antenna with facilities for using an external antenna.

3 *Specification for Type B Receivers (the two types differing only in frequency range)*

3.1	Frequency coverage in Mc/s	B1: 0.525-1.605, 2.3-16 *) B2: 0.525-1.605, 2.3-21.75 *)
3.2	Sensitivity for 50 mW output 30% modulation at 400 c/s	not worse than 150 μV
3.3	Signal/noise ratio for input as under § 3.2	20 db for mains operated tube receivers 26 db for transistor receivers
3.4	Power output, for less than 10% distortion	not less than 0.1 W
3.5	Overall selectivity	
	— at —6 db points	passband not less than ± 3 kc/s
	— at —20 db points	passband not greater than ± 10 kc/s
	— at —40 db points	passband not greater than ± 20 kc/s
3.6	Image, intermediate frequency and spurious response ratio	not less than 30 db for MF
	Intermediate frequency and spurious response ratio	not less than 12 db for HF
	Image response ratio	not less than 5 db for HF
3.7	Overall fidelity including acoustic response of loud-speaker	250-3150 c/s within 18 db limits
	Alternatively, it may be more convenient for some manufacturers to consider only the electrical characteristics which should be:	100-4000 c/s within 12 db limits (in a graphical presentation 400 c/s should be taken as the reference 0 db level)
3.8	A.G.C. performance: change in output when the input is reduced by 30 db from 0.1 V	not greater than 10 db
3.9	Frequency stability	must be such that the receiver does not require frequent retuning.

4 *Specification for Type C Receivers*

4.1	Frequency coverage in Mc/s	87.5-108
4.2	Signal-to-noise ratio	30 db
4.3	Sensitivity (noise limited)	— 75 db relative to 1 mW at a signal-to-noise ratio of 30 db and 50 mW output power
4.4	Intermediate frequency	10.7 Mc/s
4.5	AM suppression ratio	20 db
4.6	Power output	not less than 0.1 W
4.7	Overall selectivity	— 30 db at ± 300 kc/s

*) The receiver shall be provided with adequate mechanical and/or electrical means for easy tuning.

4.8	Overall fidelity including acoustic response of loud-speaker	200-5000 c/s within 18 db limits
	Alternatively, it may be more convenient for some manufacturers to consider only the electrical characteristics which should be:	100-5000 c/s within 6 db limits (in a graphical presentation 400 c/s should be taken as the reference 0 db level)
4.9	Radiation	The local oscillator radiation should be less than the limits specified by C.I.S.P.R. However, where national regulations exist, the radiation should be less than the limits specified therein.
4.10	Distortion	The distortion should be less than 5% for a frequency deviation varying between $\pm$ 15 kc/s and $\pm$75 kc/s with a modulation frequency of 400 c/s and an output power of 50 mW.
4.11	Frequency stability	Must be such that the receiver does not require frequent retuning.

Annex 3 to Recommendation No. 5

C.C.I.R. Recommendation 416

Performance Specifications for Low-Cost Sound Broadcasting Receivers for Community Listening

(Study Programme 170(XII)) — (Geneva, 1963)

The C.C.I.R.,

considering

a) Recommendation No. 7 of the Administrative Radio Conference, Geneva, 1959;

b) that community receivers provide the easiest method of making broadcasting available to the populations of those countries where at present the density of receivers is particularly low due to economic, geographical or technical reasons;

unanimously recommends

that the minimum performance specifications, contained in the Annex, be used to assist in the design and development of low cost community receivers.

Annex to C.C.I.R. Recommendation 416

1 *General*

1.1 The receiver should be simple, robust and well protected against dust. It should also be strong enough to withstand transport and handling by unskilled persons.

1.2 The pre-set tuning controls should be available only to authorized persons. The controls should be robust and include a channel selection switch, a fine tuning control to facilitate accurate tuning and compensate for any frequency drift during operation, and a volume control.

1.3 Each of the two types of receivers considered in § 2 and 3 should be available for either mains or battery operation. For battery operation, the receivers should be fully transistorized to ensure economy of power consumption. For mains operation, either valves or transistors may be used, considerations of cost being the guiding factor.

1.4 In the case of battery operated receivers, the minimum performance specifications listed in this Recommendation should be achieved for the nominal battery voltage less 30% as specified in the relevant I.E.C. publication.

1.5 The methods of measurement employed should be those recommended in the relevant I.E.C. publications for amplitude modulation and frequency modulation receivers. *)

1.6 The receivers which are intended for use in regions of high temperature and humidity should be treated so that they can be used under the climatic conditions laid down by the Administration concerned. The appropriate tests required by the Administration procuring such receivers should comply with the relevant I.E.C. publication.

1.7 In case national regulations prescribe measuring methods or tests different from the standard I.E.C. methods, the administrations will, where necessary, draw attention to this.

2 *Specification for MF/HF Community Receivers*

(Two types, differing only in frequency range)

2.1 Frequency coverage in Mc/s *a)* 0.525-1.605 2.3-21.75
b) 0.525-1.605 2.3- 9.775

2.1.1 Receiver tuning may be fully bandspread on the broadcast bands appropriate to the requirements of any administration or the receiver should be capable of being coarse pre-tuned to any spot frequency in

— the medium frequency band
— each of the high-frequency bands

with the provision that a limited number of spot frequencies (e.g. three), selected from the high frequency bands, are made available for ready selection at any time, by the operator.

2.2 Sensitivity for 50 mW output 30% modulation at 400 c/s	not worse than 150 μV
2.3 Signal/noise ratio for input as under § 2.2	26 db
2.4 Power output for less than 10% distortion	not less than 900 mW at nominal mains or battery voltage and not less than 400 mW at the nominal battery voltage less 30%
2.5 Overall selectivity	
at — 6 db points	passband not less than ± 3.0 kc/s
at —20 db points	passband not greater than ± 10 kc/s
at —40 db points	passband not greater than ± 20 kc/s

*) See C.C.I.R. Recommendation 237.

2.6	Image, intermediate frequency and spurious response ratio	not less than 30 db for MF
	Intermediate frequency and spurious response ratio	not less than 12 db for HF
	Image response ratio	not less than 10 db for HF up to 10 Mc/s not less than 5 db for HF up to 21.75 Mc/s
2.7	Overall fidelity including acoustic response of loud-speaker	250-3150 c/s within 18 db limits
	Alternatively, it may be more convenient for some manufacturers to consider only the electrical characteristics which should be:	100-4000 c/s within 12 db limits (in a graphical presentation 400 c/s should be taken as the reference 0 db level)
2.8	AGC performance: change in output when the input is reduced by 30 db from 0.1 V	not greater than 10 db
2.9	Frequency stability	must be such that the receiver does not require frequent retuning

3 *Specification for VHF Community Receivers*

3.1	Frequency coverage	87.5-108 Mc/s *)
3.2	Signal-to-noise ratio	30 db
3.3	Sensitivity (noise limited)	— 85 db relative to 1 mW at a signal-to-noise ratio of 30 db and 50 mW output power
3.4	Intermediate frequency	10.7 Mc/s
3.5	AM suppression ratio	24 db
3.6	Power output	Not less than 900 mW at nominal mains or battery voltage and not less than 400 mW at the nominal battery voltage less 30%
3.7	Overall selectivity	— 30 db at $\pm$ 300 kc/s
3.8	Overall fidelity including acoustic response of loud-speaker	200-5000 c/s within 18 db limits
	Alternatively, it may be more convenient for some manufacturers to consider only the electrical characteristics which should be:	100-5000 c/s within 6 db limits (in a graphical presentation 400 c/s should be taken as the reference 0 db level)
3.9	Radiation	The local oscillator radiation should be less than the limits specified by C.I.S.P.R. However, where national regulations exist the radiation should be less than the limits specified therein

*) Provision must be made for one or more channels to be pre-selected.

3.10 Distortion	The distortion should be less than 5% for a frequency deviation varying between $\pm$ 15 kc/s and $\pm$ 75 kc/s with a modulation frequency of 400 c/s and an output power of 50 mW
3.11 Frequency stability	Must be such that the receiver does not require frequent retuning.

* * *

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