

No. 13053

**UNITED STATES OF AMERICA
and
MEXICO**

**Agreement concerning frequency modulation broadcasting
in the 88 to 108 MHz band (with annexes and exchange
of notes). Signed at Washington on 9 November 1972**

Authentic texts: English and Spanish.

Registered by the United States of America on 12 February 1974.

**ÉTATS-UNIS D'AMÉRIQUE
et
MEXIQUE**

**Accord relatif à la radiodiffusion en modulation de fré-
quence dans la bande 88-108 MHz (avec annexes
et échange de notes). Signé à Washington le 9 no-
vembre 1972**

Textes authentiques : anglais et espagnol.

Enregistré par les États-Unis d'Amérique le 12 février 1974.

AGREEMENT¹ BETWEEN THE UNITED STATES OF AMERICA AND THE UNITED MEXICAN STATES CONCERNING FRE- QUENCY MODULATION BROADCASTING IN THE 88 TO 108 MHZ BAND

PREAMBLE

The Government of the United States of America and the Government of the United Mexican States, being desirous of concluding an agreement concerning frequency modulation broadcasting in the 88 to 108 MHz band, have agreed as follows:

PART I. PURPOSE AND SCOPE

Article 1. PURPOSE

Section A. Sovereign right

Each Contracting Party hereby recognizes that the sovereign right of the other Party to use any of the channels in the 88 to 108 megahertz band is subject to the provisions of the International Telecommunications Convention² and to other applicable international agreements. The Contracting Parties also recognize that in the absence of technical resources that would make possible the elimination of harmful interference of an international character, an agreement between them becomes necessary in order that their respective broadcasting stations may operate in accordance with technical principles mutually satisfactory to both Parties.

Section B. Protection for the services

In the exercise of their sovereign rights, the United States of America and the United Mexican States hereby agree that any facilities and services established by them pursuant to the frequency allotments which they mutually accept at the time this Agreement is concluded, and any allotments or assignments that may be accepted in the future under the terms of this Agreement, shall be given the protection that is due them under the provisions of the said Agreement.

Section C. Equitable, effective use of the band

Both parties hereby declare that the equitable, effective use of the 88 to 108 megahertz band on either side of the common border and the protection of any facilities and services that may be established in accordance with the mutually accepted frequency allotments are principal objectives of their respective Governments and to that end they will seek to obtain the best coordination of the various technical elements involved in the development of the said facilities and services.

¹ Came into force on 9 August 1973, the date on which the Government of Mexico notified the Government of the United States in writing through the diplomatic channel that the necessary measures for the Agreement to take effect had been adopted in accordance with the constitutional procedures of Mexico, in accordance with article 13.

² United Kingdom, *Treaty Series*, No. 74 (1961), Cmnd. 1484.

Section D. Compliance with the measures adopted

In order to attain the objectives indicated in section C above, both Contracting Parties subscribe to this Agreement, which contains the measures that are to govern the relations between the United States of America and the United Mexican States in connection with the use of the 88 to 108 megahertz band, and they agree to take such action as may be necessary to insure compliance with the said measures by private operators or others recognized and authorized by them to establish and operate broadcasting stations in their respective territories.

Article 2. SCOPE

Section A. Application

This Agreement shall apply to the respective territories of both Parties included in the border area that is defined in part II of this Agreement (see article 3, section B, paragraph 14).

Section B. Annexes

The annexes appearing at the end of this Agreement shall form an integral part thereof.

PART II. DEFINITIONS, TERMS AND SYMBOLS

Article 3. DEFINITIONS, TERMS AND SYMBOLS

Section A. Meaning

The definitions, terms and symbols used in this Agreement which are not defined in this Part either are defined in the Radio Regulations¹ (Geneva, 1959, as revised to the date of this Agreement) of the International Telecommunication Union and are used herein pursuant to such definitions, terms and symbols or are widely used and commonly accepted and are employed in this Agreement in accordance with their usual meaning.

Section B. Definitions and terms

1. *Radio broadcasting in the 88 to 108 megahertz band:* A broadcasting service which is provided in this portion of the metric wave band, the primary signal transmissions of which are intended for direct reception by the general public. In some cases, a secondary signal may be directed to one or several sectors of the public only, for example, multiplex transmission.

2. *FM broadcast channel:* A bank of frequencies each of which is 200 kHz wide and is designated by its center frequency and channel number.

3. *Frequency modulation:* A system of modulation where the instantaneous radio-frequency varies in proportion to the instantaneous amplitude of the modulating signal. The instantaneous radio frequency is independent of the frequency of the modulating signal.

4. *Frequency deviation:* The instantaneous variation in frequency above and below the carrier frequency due to modulation.

¹ United States of America: *Treaties and Other International Acts Series 4893.*

5. *Percentage modulation*: A frequency deviation of ± 75 kHz represents 100 percent modulation.

6. *FM stereophonic broadcast*: The transmission of a stereophonic program by a single FM broadcast station using the main channel and a stereophonic sub-channel; this transmission permits compatible reception by monophonic receivers.

7. *Stereophonic sub-channel*: The frequency band from 23 to 53 kHz containing the stereophonic sub-carrier (38 kHz) and its associated side bands.

8. *Multiplex transmission*: The simultaneous transmission by a station of one or more programs in addition to regular broadcast programs within an FM broadcast channel.

9. *FM broadcast translator station*: A station in the broadcasting service operated for the purpose of retransmitting the signals of an FM broadcast station by means of direct frequency conversion and amplification of the incoming signal without significantly altering any characteristic of its incoming signal other than its frequency and amplitude.

10. *FM booster station*: A station operated in the broadcasting service for the sole purpose of retransmitting the signals of an FM broadcast station by amplifying and reradiating such signals which have been received directly through space, without significantly altering any characteristic of the incoming signal other than its amplitude.

11. *Spurious emission*: Emission on a frequency or frequencies which are outside of the band plus and minus 100 kHz on either side of the center frequency, and the level of which may be reduced without affecting the corresponding transmission of information. Spurious emissions include harmonic emissions, parasitic emissions and intermodulation products, but exclude emissions in the immediate vicinity of the said band which are a result of the modulation process for the transmission of information.

12. *Effective radiated power*: The power supplied to the antenna multiplied by the relative gain of the antenna in a given direction.

13. *Height of the radiation center of the antenna above average terrain*: The height of the radiation center of the antenna above sea level minus the average of the terrain heights above the sea level, from 2 to 10 miles (3 to 6 km) from the antenna for the eight directions spaced evenly for each 45 degrees of azimuth starting with true North. Where polarization other than horizontal is employed, the radiation center height shall be based upon the height of the electrical radiation center of the antenna which transmits the horizontal component of radiation.

14. *Border area*: The territory included within 199 mile (320 kilometer) strips on each side of the common border.

15. *Class A station*: A station which is primarily intended to render service to a relatively small community, city, or town, and to the surrounding rural areas.

16. *Class B and class C stations*: Stations which are primarily intended to render service to sizeable areas and to major cities or cities of an urban area, including the surrounding rural areas.

17. *Class D station*: A low-powered station operating in the band 88.1-91.9 MHz (channels 201 through 220).

18. *Allotment*: Provision for use of a specific channel identified with a particular community.

19. *Assignment*: Authorized use of an allotment by an actual station.

20. *Service range:* When a station operates with the maximum parameters permitted for its class and at the minimum separation specified in part IV, article 6, section C, the following theoretical protected service ranges will result:

<i>Class</i>	<i>Distance in miles</i>	<i>(km)</i>
A	15	(25)
B	40	(65)
C	65	(105)
D	2.5	(4)

Section C. Symbols

The symbols to be used in this Agreement will have the following meanings:

<i>English text</i>	<i>Spanish text</i>	<i>Meaning</i>
Hz	Hz	Hertz (c/s)
kHz	kHz	kilohertz (kc/s)
MHz	MHz	megahertz (Mc/s)
W	W	watt
kW	kW	kilowatt
ND	ND	omnidirectional or non-directional antenna
DA	AD	directional antenna
AHAAT	h	height of the radiation center of the antenna above average terrain
ERP	Pe	effective radiated power
PO	OP	present operation
Vide	Vide	see assignment on
PN	NP	previously notified but not implemented
H	H	horizontal polarization
V	V	vertical polarization

PART III. GENERAL TECHNICAL PRINCIPLES

Article 4. IDENTIFICATION, SEPARATION, DISTRIBUTION AND USE OF CHANNELS

Section A. Identification

The channels of the 88 to 108 megahertz band are identified by their center frequency, also named main carrier, and channel number.

Section B. Separation and distribution

FM broadcast channels of the 88 to 108 MHz band are 200 kHz wide. Their center frequencies begin at 88.1 MHz and continue in successive steps up to and including 107.9 MHz as set forth in annex I.

Section C. Use

1. Directional antennas

Directional antennas may be employed provided the maximum radiated powers in either the horizontal or vertical planes, in the direction of the other

country do not exceed those specified in article 5, section A, subsection 6. The change in the field strength in the horizontal plane must not be greater than 2.0 dB within an angle of 10° to each side of the azimuth in the direction toward the station to be protected of the other country, if this is the case.

2. *Stereophonic and multiplex transmissions*

Stereophonic and multiplex transmissions may be employed. The instantaneous frequency of any multiplex subcarrier shall not exceed ± 75 kHz from the assigned center frequency.

3. *Low-powered booster and translator stations*

(a) Each Contracting Party may make assignments to booster stations with a transmitter power output of 10 watts or less provided that such stations are located within the service range of the station whose signal will be rebroadcast and provided that the retransmitted signal does not extend the service range of the originating station.

(b) Each Contracting Party may make assignments to translator stations with a transmitter output power of 10 watts or less provided that such stations meet the minimum required separations for Class D stations set forth in article 6, section C, with respect to allotments or assignments within the other country.

(c) Either booster or translator stations will not be protected from interference and will not preclude future allotments. They shall be notified in accordance with the provisions of article 11 of this Agreement, when located within 20 miles (32 km) from the common border.

Article 5. CHARACTERISTICS OF TRANSMISSIONS AND SPURIOUS EMISSIONS

Section A. Characteristics of transmissions

The transmissions of stations operating in the 88 to 108 megahertz band shall have the following characteristics:

1. *Classes of emission:* F3 or F9.
2. *Assigned bandwidth:* 200 kilohertz (100 kilohertz on either side of the main carrier).
3. *Frequency tolerance:* 2 kilohertz.
4. *Polarization:* Horizontal polarization will be used. Vertical polarization may be used in combination with horizontal polarization in which case the effective radiated power of the vertical radiation component shall not be greater than the horizontal radiation component in any direction.
5. *Determination of antenna power supplied:* The power supplied to the antenna is determined at the antenna input terminals. In the case of a multi-element antenna, the power supplied to the system is determined at the input to the power distribution terminals.
6. *Classification and maximum parameters of stations:*

(a) *Classes*

<i>Station</i>	<i>Maximum effective radiated power in any direction</i>	<i>Height of the radiation center of the antenna above average terrain</i>
Class A	3 kw	300 feet (90 m)
Class B	50 kw	500 feet (150 m)
Class C	100 kw	2000 feet (600 m)
Class D	20 watts	100 feet (30 m)

(b) Reduced parameters

Both parties may assign lesser parameters than specified in the table above. The assignment of a lower power shall not preclude an increase, at a later date, to the maximum parameters specified for the class of station concerned.

Section B. Spurious emissions

When the existence of radiated spurious emissions that will cause harmful interference to the services of one of the Contracting Parties becomes evident, the Party responsible for the station producing such radiation shall take appropriate measures to eliminate it or to reduce it to a level at which it ceases to be harmful.

PART IV. ALLOTMENT PLAN, SEPARATION AND LOCATION OF TRANSMITTERS

*Article 6. Allotment plan, separation, and new assignments**Section A. Operating channels*

Each Contracting Party shall confine the operation of its stations to the channels appearing in the table of allotments in annex II to this Agreement in accordance with mutually agreed characteristics. While this Agreement remains in force, new assignments may be made within the border area even though such assignments do not appear in annex II, provided that those new assignments afford the protection to the allotments or assignments of the other Party in accordance with the provisions of this Agreement.

Section B. Height of the radiation center of the antenna and equivalence

The maximum effective radiated powers of the stations shall be limited to the values specified in article 5, section A, subsection 6. Where antenna heights exceed those specified in article 5, section A, subsection 6, the effective radiated power shall be reduced to the equivalent of the maximum parameters. For equivalence purposes the effective radiated power shall be determined by the use of appropriate curves in Annex IV.

Section C. Separation.

- 1. Minimum required separations between assignments of the respective Parties on the same and adjacent channels are as follows:*

<i>Classes of Stations</i>	<i>Separations in miles (km)</i>			
	<i>Co-channel</i>	<i>200 kHz</i>	<i>400 kHz</i>	<i>600 kHz</i>
A to A	65 (105)	40 (65)	15 (25)	15 (25)
A to B	110 (175)	65 (105)	40 (65)	40 (65)
A to C	130 (210)	105 (170)	65 (105)	65 (105)
A to D	60 (95)	30 (50)	15 (25)	15 (25)
B to B	150 (240)	105 (170)	40 (65)	40 (65)
B to C	170 (270)	135 (215)	65 (105)	65 (105)
B to D	105 (170)	60 (95)	40 (65)	40 (65)
C to C	180 (290)	150 (240)	65 (105)	65 (105)
C to D	125 (200)	95 (155)	65 (105)	65 (105)
D to D	11 (18)	6 (10)	3 (5)	3 (5)

2. *Minimum required separations between assignments of the respective Parties which are separated in frequency by 10.6 MHz or 10.8 MHz (53 or 54 channels) are as follows:*

<i>Classes of stations</i>	<i>Separation in miles (km)</i>
A to A	5 (8)
A to B	10 (16)
A to C	20 (32)
A to D	5 (8)
B to B	15 (25)
B to C	25 (40)
B to D	10 (16)
C to C	30 (48)
C to D	15 (25)
D to D	2 (3)

3. *Computation of distance*

Distances shall be computed in accordance with annex V.

Article 7. LOCATION OF TRANSMITTER SITES

Transmitter sites shall be so located that the separations shall not be less than those set forth in article 6, section C above.

PART V. ALLOTMENT TABLES, EXISTING STATIONS AND LOCATION CHANGES IN THE TABLES OF ALLOTMENTS

Article 8. ALLOTMENT TABLES

Annex II, tables A and B contain allotments made to communities, towns and cities in the border area.

Article 9. EXISTING STATIONS

From the date this Agreement enters into force and while it is in effect, all stations within the border area must operate on the channels specified in annex I of this Agreement.

Article 10. STATION LOCATION CHANGES IN THE TABLES OF ALLOTMENTS

It is the desire of the Governments of the United States of America and the United Mexican States that station location changes may be made in the allotments in tables A and B of annex II when these changes would further the purposes of this Agreement and would be conducive to maintaining maximum efficiency in the use of FM channels.

PART VI. NOTIFICATION AND OFFICIAL LIST OF ASSIGNMENTS

Article 11. NOTIFICATION PROCEDURE

Section A. Notification and period for objection

Each Contracting Party shall notify to the other Party the characteristics of any station which it intends to operate. Such notification may be made at any time

but operation will only commence when the recipient Party does not object to it or until the period for objection has elapsed and the recipient Party has failed to object to it.

Each Contracting Party may object to a proposed assignment under the terms of this Agreement within 45 days after receipt of the notification. The objection will state, with as much particularity as the circumstances permit, the basis for the objection in order that the notifying Government may have an opportunity to meet the stated objections by suitable amendment of the notification.

Section B. Validity

To be valid, each station notified shall be in accordance with this Agreement.

Section C. Failure to object

When the Contracting Party that receives a notification fails to object to it within the 45 day period specified in section A above, it shall be considered that such notification is accepted by said Party.

Section D. Changes in operating characteristics

Except as specifically provided otherwise in this Agreement, changes in power, antenna characteristics, or location of the transmitter of an existing station may be made at any time, provided such changes are notified in accordance with this procedure and with other pertinent provisions of this Agreement.

Section E. Date of recording

The date of recording of a notification shall be determined by the date of receipt of the complete notification by the pertinent agency for the exchange of notifications. For assignments appearing in the initial list of assignments, this date shall be the date of entry into force of this Agreement.

Section F. New assignments

When giving notification of a new assignment, the respective Contracting Parties shall furnish the following information:

- Center frequency and channel number;
- Call letters (may be notified later);
- Location (city and state);
- Geographic coordinates descriptive of the transmitter site (in degrees, minutes and seconds of latitude and longitude);
- Class of station;
- Effective radiated power;
- Directional or non-directional antenna (H and/or V);
- Type or model of antenna (dipole, multi-V, yagi, etc.);
- Polarization;
- Vertical plane radiation pattern when beam tilt is employed;
- Height of electrical center of radiation above sea level;
- Height of electrical center of radiation above average terrain from 2 to 10 miles (3 to 16 km) from the antenna;
- Any additional information of the antenna system (i.e., pattern circularity, mechanical or electrical modifications to the antenna, etc.);
- Expected date of commencement of operation.

When directional antennas are involved, horizontal and vertical plane radiation patterns and maximum radiation azimuth shall be supplied.

Section G. Changes in assignments

When giving notification of a change in the assignment of an existing station, the respective Contracting Parties shall furnish the following information:

- Nature of change;
- Date contemplated for making the change;
- Any correction that must be made in the information furnished when the original notice was given.

Section H. Cancellation of assignments

When notification of the cancellation of an existing assignment is given, sufficient information must be furnished to identify the cancelled assignment, including:

- Center frequency and channel number;
- Station call;
- Location (city and state);
- Effective or contemplated date for cessation of operation.

The Contracting Party that gives notice of the cancellation of an assignment shall retain for its benefit the right to use the corresponding channel in accordance with the plan for allotments appearing in annex II and with the other pertinent provisions of this Agreement.

Section I. Date of commencement or of cessation of operation

Each Contracting Party shall give notification of the date of actual commencement of operation of a station, the cessation of operation, or the completion of a change, within the 60 days following the said date. If such notification is not given, it shall be considered that the commencement of operation, cessation of operation, or change took place on the date contemplated.

Section J. Assignments which appear in initial list of assignments

The assignments which appear in the initial list of assignments as specified in section B of article 12 shall be considered notified and in operation and the prior notification referred to in section A of this article shall not be required; but any subsequent change or cancellation shall be notified.

Section K. Agency for exchange of notifications

All notifications issued in accordance with the provisions of section A of this article and comments thereon must be transmitted by registered mail to the administrative agency or department which each of the Contracting Parties designates for performing the function of exchanging notifications.

Article 12. OFFICIAL LIST OF ASSIGNMENTS

Section A. Acceptance of the initial list of assignments

The initial list of assignments, which appears in annex III of this Agreement and which contains the data concerning the assignments of both Parties that have been mutually recognized, is hereby accepted.

Section B. Establishment of the official list of assignments

Each Contracting Party shall prepare and transmit to the other Party during the first six months in which this Agreement is in effect, a list of its notified assignments in the border area, which shall contain:

- a. The same information required in connection with a new assignment as in section F of article 11, and
- b. The date of commencement of operation of each assignment. If operation commenced prior to 1969 it will be sufficient to so state.

The aforesaid list, which will constitute the first edition of the official list of assignments, will include data relating to the assignments appearing in the initial list of assignments and the assignments notified up to the date on which it is prepared. In case of discrepancy between the data on the official list and the notified data, the notified data shall take precedence.

Section C. Revision of the list

1. *Annual*

The Contracting Parties shall exchange annual editions of the official list through their respective agencies for exchange of notifications. The exchange shall take place, preferably, during the first three months of each year.

2. *Supplementary*

Between any two consecutive editions, each Contracting Party shall furnish the other Party with a supplementary list containing the notifications made during the six-month period following the date of the last edition.

PART VII. ENTRY INTO FORCE, DURATION, TERMINATION AND REVISION

Article 13. ENTRY INTO FORCE

This Agreement shall enter into force on the date on which the Government of the United Mexican States shall notify the Government of the United States of America in writing, by means of a note sent through diplomatic channels, that the necessary measures for this Agreement to take effect have been adopted in accordance with the constitutional procedures of the United Mexican States.

Article 14. DURATION

Section A. Initial period

This Agreement shall remain in force for a period of five years unless, before the end of such period, it is replaced by a new agreement between the Contracting Parties.

Section B. Extended period

If not replaced by a new agreement before the expiration of the five-year period mentioned above or if not terminated at the expiration of that period in accordance with article 15, this Agreement shall continue in force for a new five-year period, and for successive equal periods until it is replaced by a new agreement between the Contracting Parties or until it is terminated in conformity with the procedure prescribed in article 15.

Article 15. TERMINATION

Section A. Without prior consultation

Either Contracting Party may terminate this Agreement at the expiration of the initial five-year period or at any time thereafter by a written notice of termina-

tion to the other Party, transmitted through diplomatic channels. The termination shall take effect at the expiration of the initial five-year period if the date of receipt of such notice is at least one year prior thereto or shall take effect at any time after the expiration of that period one year after the date of receipt of such notice.

Section B. Prior consultation

If either Contracting Party considers that the other Party is acting or has acted in a manner that is incompatible with the provisions of this Agreement, consultations on the matter shall be held between the Parties. In the event that the said consultations fail to lead to a solution of the problem to the satisfaction of both Parties, the complaining Party may proceed to terminate this Agreement. The termination shall take effect ninety days after the date of receipt of the pertinent written notice, transmitted through diplomatic channels.

Article 16. REVISION

Changes in or additions to the technical principles, including computations, and notification procedures may be made through interchange of diplomatic notes whenever such changes and additions prepared jointly by officials of the Contracting Parties have been approved by the administrative agency or department of each Party having jurisdiction in these matters.

Among such changes or additions the revision of the plan for allotments appearing in annex II may be included, and in doing so the provisions of part I, article 1, section C (equitable, effective use of the band) shall be taken into consideration so that the amendments to be introduced will maintain the balance between the tables of which the aforementioned Annex is composed.

IN WITNESS WHEREOF, the respective Plenipotentiaries have signed this Agreement.

DONE in duplicate, in the English and Spanish languages, each having equal authenticity, at Washington this ninth day of November 1972.

EN FE DE LO CUAL, los Plenipotenciarios respectivos firman el presente Convenio.

HECHO en duplicado, en los idiomas inglés y español, ambos textos igualmente auténticos, en Washington el día nueve de noviembre de 1972.

For the Government of the United States of America:
Por el Gobierno de los Estados Unidos de America:

[Signed — Signé]¹

For the Government of the United Mexican States:
Por el Gobierno de los Estados Unidos Mexicanos:

[Signed — Signé]²

¹ Signed by William P. Rogers. — Signé par William P. Rogers.

² Signed by Olloqui. — Signé par Olloqui.

ANEXO I
(ANNEX I)

CANALES DE RADIODIFUSIÓN EN FM
(FM BROADCAST CHANNELS)

<i>Frecuencia (MHz)</i> (Frequency)	<i>Canal no.</i> (Channel)	<i>Frecuencia (MHz)</i> (Frequency)	<i>Canal no.</i> (Channel)
88.1	201	98.1	251
88.3	202	98.3	252
88.5	203	98.5	253
88.7	204	98.7	254
88.9	205	98.9	255
89.1	206	99.1	256
89.3	207	99.3	257
89.5	208	99.5	258
89.7	209	99.7	259
89.9	210	99.9	260
90.1	211	100.1	261
90.3	212	100.3	262
90.5	213	100.5	263
90.7	214	100.7	264
90.9	215	100.9	265
91.1	216	101.1	266
91.3	217	101.3	267
91.5	218	101.5	268
91.7	219	101.7	269
91.9	220	101.9	270
92.1	221	102.1	271
92.3	222	102.3	272
92.5	223	102.5	273
92.7	224	102.7	274
92.9	225	102.9	275
93.1	226	103.1	276
93.3	227	103.3	277
93.5	228	103.5	278
93.7	229	103.7	279
93.9	230	103.9	280
94.1	231	104.1	281
94.3	232	104.3	282
94.5	233	104.5	283
94.7	234	104.7	284
94.9	235	104.9	285
95.1	236	105.1	286
95.3	237	105.3	287
95.5	238	105.5	288
95.7	239	105.7	289
95.9	240	105.9	290
96.1	241	106.1	291
96.3	242	106.3	292
96.5	243	106.5	293
96.7	244	106.7	294
96.9	245	106.9	295
97.1	246	107.1	296
97.3	247	107.3	297
97.5	248	107.5	298
97.7	249	107.7	299
97.9	250	107.9	300

ANEXO II
(ANNEX II)

PLAN DE ADJUDICACIONES
(ALLOTMENT PLAN)

Cuadro A
(Part A)

ESTADOS UNIDOS MEXICANOS
(UNITED MEXICAN STATES)

NOTAS

¹ Adjudicación negociada especialmente con separación inferior a la establecida. La estación puede ser operada con parámetros máximos.

² Operación limitada a: Pe = 2 kW h = 61 m
a 330° (norte verdadero) o su equivalente (94 dbu en la frontera) F (50-50).

³ Operación limitada a: Pe = 0.400 kW h = 50 m
a 347° (norte verdadero) o su equivalente (82 dbu en la frontera) F (50-50).

LEGEND

¹ Specially negotiated allotment with less separation than established. Station may operate with maximum facilities.

² Limited to 200 feet above average terrain and 2 kilowatts at 330 degrees (True North), or equivalent (94 dbu at border) (F 50,50).

³ Limited to 164 feet above average terrain and 400 watts at 347 degrees (True North), or equivalent (82 dbu at border) F (50,50).

Estado (State)

Canal no. (Channel)

BAJA CALIFORNIA

Ciudad Morelos	288A 214B, 296B
Ensenada	206A, 221A, 234A, 238A, 250A, 254A, 245B, 262B, 266B, 238C, 290C
Mexicali	285A 210B, 218B, 222B, 270B, 277B, 281C
Rosario	268B, 272B, 276B, 280B, 292B, 296B 300B 288C
San Felipe	202B, 206B, 230B, 234B, 238B, 246B
San Quintín	236B, 240B, 244B, 248B, 256B, 260B 264B 252C
San Telmo	204B, 220B, 224B, 232B
Santa Catarina	250B, 254B, 258B, 262B, 266B, 270B, 274B, 282B
Tecate	299A
Tijuana	204A, 233A ² , 239A, 255A, 259A, 279A 223B, 273B ³ , 283B ¹ 212C, 216C

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
CHIHUAHUA	
Ascención	296B 240C, 277C
Balderas	267A 236B 206C, 300C
Ciudad Camargo	248B, 275B, 289B, 293B 241C
Ciudad Cuauhtémoc	277B, 281B, 285B, 260B 252C
Ciudad Guerrero	246A 201B, 205B, 274B 270C
Ciudad Jiménez	282B, 286B, 298B 217C, 221C, 225C
Ciudad Juárez	278A, 286A 282B, 290B 252C, 264C, 294C, 298C
Chihuahua	203B, 207B, 227B, 231B, 235B, 239B, 279B, 283B, 287B, 295B, 299B 211C, 215C, 219C, 291C
Delicias	263A 229B, 233B, 237B 255C, 267C
El Porvenir	217A 284B, 288B 256C
El Sueco	262A 266B
Encinillas	247B, 272B 223C, 243C
Hidalgo del Parral	212A 206B, 245B, 261B, 273B 257C, 269C
Las Palomas	245B, 262B, 269B, 273B
Madera	276A 241B, 264B, 289B, 293B
Nuevo Casas Grandes	244A 213B, 236B, 281B, 285B
Ojinaga	261B, 265B, 269B, 273B 209C, 245C, 249C
San Buenaventura	228B, 232B, 258B 250C
COAHUILA	
Ciudad Acuña	255A, 259A, 264A, 297A 238B, 276B 218C, 280C
Cuatro Ciénegas	239A, 243A, 274A 223B, 247B, 284B 205C, 213C
General Cepeda	289C

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
Guadalupe	260A, 264A 201B, 221B, 252B
La Rosita	262A, 274A 270B, 278B
Monclova	262A 254B, 258B, 281B, 296B
Múzquiz	216B, 232B, 294B
Parras de la Fuente	266A, 270A, 294A 298B
Piedras Negras	233A, 256A, 260A, 273A, 296A 288B, 292B, 300B 244C, 268C
Sabinas	266A, 298A 220B 290C
Saltillo	234A, 249A, 261A, 265A 209B, 244B
San Carlos	252A
San Vicente	214B, 227B, 231B, 235B, 239B 222C, 254C
Villa Unión	202A, 263A 240C
 <i>NUEVO LEON</i>	
Anáhuac	295A
Cerralvo	264A
General Bravo	208A, 221A
Linares	237A, 297A 277B
Montemorelos	212A, 249A, 261A
Monterrey	207A, 211A, 215A, 235A, 251A, 263A 223B, 227B, 231B, 247B, 255B, 259B, 267B, 295B, 299B 203C, 219C, 239C, 271C, 275C, 279C, 283C, 287C, 291C
Sabinas Hidalgo	208A, 249A, 265A, 293A
 <i>SONORA</i>	
Agua Prieta	253A 247B, 267B
Benjamín Hill	211B
Caborco	257A 261B, 296B, 300B 237C
Cananea	272B, 276B, 280B, 284B
El Golfo	251B, 263B, 267B, 275B 279C
Hermosillo	214B, 222B, 234B, 238B, 242B, 258B, 262B, 266B, 274B, 282B, 286B 218C, 230C, 246C, 253C
Magdalena	232B, 263B

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
Naco	233 A, 251A 298B 227C
Nacozari	256A, 265A 288B
Nogales	248A 244B ¹ , 274B, 278B, 282B, 286B 290C, 294C
Puerto Kino	201B, 205B, 289B 269C, 297C
Puerto Libertad	207A 241B 226C
Puerto Lobos	233 A, 245A, 289A 277B, 281B, 285B 273C
Puerto Peñasco	228B, 287B, 291B
Sasabe	204B, 266B, 270B 208C
San Luis Río Colorado	203A, 273A 292B, 300B
Sonoita	239A 211B, 231B, 243B, 247B
Tecoripa	224A 220B, 228B, 232B, 240B 244C, 248C
Ures	225A 236B 292C, 299C
TAMAULIPAS	
Ciudad Alemán	265A
Ciudad Camargo	269A 213B
Ciudad Guerrero	261A, 297A
Ciudad Victoria	248B, 296B 233C, 241C, 252C, 257C, 269C, 273C, 281C, 300C
Matamoros	212A, 249A, 268A, 276A, 290A 296B
Nuevo Laredo	231A, 246A, 262A, 272A, 279A, 283A, 287A, 296A 205B, 217B, 257B ¹
Reynosa	207A, 211A, 215A, 237A, 266A, 277A, 294A 273B 226C
Santander Jiménez	225B, 229B, 289B 285C
San Fernando	265B
Soto La Marina	205B, 209B 213C, 217C

*Estado (State)**Canal no. (Channel)*

Valle Hermoso

209A, 217A, 287A
222BANEXO II
(ANNEX II)PLAN DE ADJUDICACIONES
(ALLOTMENT PLAN)Cuadro B
(Part B)ESTADOS UNIDOS DE AMÉRICA
(UNITED STATES OF AMERICA)

NOTAS

¹ Adjudicación negociada especialmente con separación inferior a la establecida. La estación puede ser operada con parámetros máximos.

² Operación limitada a: $P_e = 100 \text{ kW}$ $h = 213 \text{ m}$ o su equivalente (74 dbu en la frontera) F (50-50).

³ Operación limitada a: $P_e = 2 \text{ kW}$ $h = 554 \text{ m}$ o su equivalente (78 dbu en la frontera) F (50-50).

⁴ Operación limitada a: $P_e = 50 \text{ kW}$ $h = 56 \text{ m}$ o su equivalente (62 dbu en la frontera) F (50-50).

LEGEND

¹ Specially negotiated allotment with less separation than established. Station may operate with maximum facilities.

² Limited to 100 kilowatts and 700 feet above average terrain, or equivalent (74 dbu at border) (F 50,50).

³ Limited to 2 kilowatts and 1800 feet above average terrain, or equivalent (78 dbu at border) (F 50, 50).

⁴ Limited to 50 kilowatts and 185 feet above average terrain, or equivalent (62 dbu at border) (F 50,50).

*Estado (State)**Canal no. (Channel)*

ARIZONA

Ajo	220C, 252A
Apache Junction	296A
Benson	249A
Bisbee	221A
Casa Grande	288A
Claypool	252A
Clifton	237A
Coolidge	280A
Douglas	201C, 205A, 211A, 237A
Eloy	292A
Glendale	222C

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
Globe	211A, 262C
Holbrook	221A
Kingman	211A, 220C, 224A
Lake Havasu City	240A
McNary	201A
Mesa	227C, 284C
Miami	276A
Nogales	217C, 252A
Parker	211A
Phoenix	202C, 208A, 212A, 218C, 233C, 238C, 245C, 254C, 268C, 273C
Prescott	208A, 214C, 252A
Safford	215C, 220A, 231C, 256C
San Manuel	269A
Sierra Vista	265A
Sun City	292A
Tempe	250C
Tolleson	264C
Tucson	213C, 221A, 225C, 229C, 235C, 241C, ¹ 258C
Wickenburg	209A, 288A
Willcox	252A
Yuma	201A, 205A, 226C, 236C
 <i>CALIFORNIA</i>	
Anaheim	240A
Apple Valley	272A
Banning (Big Bear Lake)	269A
Barstow	232A
Blythe	262B
Brawley	233B ¹ , 241B
Calexico	249A
Calipatria	265A
Carmarillo	240A
Carlsbad	240A
Cathedral City	276A
Claremont	204A
Coachella	229B
El Cajon	227B
El Centro	253B
Escondido	221A
Fallbrook	296A
Garden Grove	232A
Glendale	270B
Hemet	288A
Holtville	261A
Imperial	257A

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
Indio	252A
Inglewood	280A
Lancaster	292A
Lompoc	224A
Long Beach	201A, 250B, 272A, 288A
Los Angeles	205A, 214B, 218B, 222B, 226B, 230B, 234B, 238B, 242B, 246B, 254B, 258B, 262B, 266B, 274B, 278B, 282B, 286B, 290B, 298B
Mojave	249A
Needles	250B
Newport Beach	276A
Northridge	203A
Oceanside	271B
Ojai	288A
Ontario	228A
Oxnard	252A, 284B
Palm Springs	284B ¹
Pasadena	207B, 294B
Redlands	206A, 244A
Redondo Beach	228A
Riverside	209A, 224A, 248B, 256B
San Bernardino	220B, 236B, 260B
San Clemente	300B
San Diego	202A, 208B, 231B, ² 235B, ³ 243B, 247B, 251B, 264B, 268B, 275B, ⁴ 279B, 287B, 293B
San Fernando	232A
Santa Ana	244A, 292A
Santa Barbara	218B, 229B, 248B, 260B, 277B
Santa Monica	210B, 276A
Sierra Madre (Arcadia)	296A
Thousand Oaks	224A
Twentynine Palms	239B
Ventura	236B, 264B
Victorville	252A
West Covina	252A
 <i>NEW MEXICO</i>	
Alamogordo	201C, 208A, 232A, 288A
Artesia	219A, 225C
Belen	249A
Carlsbad	211A, 215C, 221A
Deming	218A, 232A
Eunice	265A
Hobbs	211A, 231C, 239C
Jal	296A
Las Cruces	209A, 214C, 276A, 280A

*Estado (State)**Canal no. (Channel)*

Lordsburg	220A, 249A
Lovington	220A, 269A
Mesilla Park	285A
Roswell	213C, 217A, 235C, 246C
Ruidoso	228A
Silver City	212C, 217A, 224A
Socorro	208A, 216C, 224A
Truth or Consequences	220A, 244A
Tularosa	224A

TEXAS

Alice	221A, 272A
Alpine	219C, 224A
Andrews	209A, 288A
Austin	204A, 208C, 214A, 229C, 238C, 252A, 264C, 272A
Ballinger	211A, 276A
Beeville	218A, 285A
Big Lake	211A, 252A
Big Spring	203C, 207A, 237A
Bishop	296A
Boerne	210A
Bracketville	212A
Brady	213A, 237A
Brownsville	202A, 258C, 262C
Brownwood	205C, 212A, 257A, 268C, 281C
Burnet	296A
Carrizo Springs	201A, 228A
Coleman	220A, 296A
Colorado City	211A, 292A
Corpus Christi	212C, 220A, 230C, 238C, 243C, 256C, ¹ 260C
Cotulla	203A, 249A
Crane	205A, 265A
Crystal City	214A, 272A
Cuero	210A, 249A
Del Rio	204C, 214A, 232A
Devine	232A
Eagle Pass	208C, 213A, 224A
Edinburg	203A, 281C, 300C
Eldorado	219A
El Paso	203C, 208A, 222C, 226C, 230C, 234C, 238C, 242C, 248C, 260C, 271C
Fabens	276A
Falfurrias	218A, 292A
Fort Stockton	201C, 206A, 232A
Fredericksburg	201A, 266C

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
Freer	214A, 240A
Goliad	216A
Gonzales	201A, 292A
Harlingen	205A, 233C, 241C
Hebbronville	220A, 269A
Hondo	202A, 221A
Junction	212A, 228A
Kenedy-Karnes	220A, 232A
Kermit	212A, 292A
Kerrville	216A, 232A
Kingsville	216A, 224A, 249A
Lamesa	210A, 262C, 284C
Laredo	201A, 210C, 224A, 235C, 251C
Llano	203A, 285A
McAllen	253C, 245C
McCamey	237A
Marfa	203A, 228A
Mathis	252A
Mercedes	292A
Midland	211A, 222C, 227C, 271C
Mission	288A
Monahans	210A, 260C, 277C
New Braunfels	202A, 221A
Odessa	213A, 217C, 245C, 250C, 256C
Ozona	213A, 232A
Pearsall	213A
Pecos	205A, 252A
Pleasanton	252A
Port Lavaca	201A, 240A
Premont	285A
Presidio	202A
Raymondsville	201A, 269A
Refugio	292A
Rio Grande City	201A, 249A
Rock Port	217A, 272A
Rocksprings	210A
San Angelo	215C, 220A, 225C, 230C, 234C, 248C
San Antonio	206C, 212A, 218A, 225C, 241C, 247C, 258C, 262C, 270C, 274C, 283C, 298C
Sanderson	207A
San Marcos	219A, 279C
San Saba	210A, 244A
Seguin	215A, 287C
Seminole	205A, 280A
Sinton	267C, 277C
Sonora	211A, 221A
Sweetwater	213A, 244A

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
Taft	288A
Terrell Hills	292A
Uvalde	216A, 237A
Van Horn	202A
Victoria	203A, 221A, 236C, 254C
Weslaco	285A
Zapata	202A

Class D (10-watts) estaciones educativas no comerciales
(Class D (10-watt) noncommercial educational operations)

<i>Estado (State)</i>	<i>Canal no. (Channel)</i>
CALIFORNIA	
Buena Park	211D
Irvine	210D
La Canada	202D
Loma Linda	202D
Long Beach	211D
Riverside	201D
Torrance	209D

ANEXO III (ANNEX III)

Cuadro A (Part A)

LISTA INICIAL DE ASIGNACIONES
(INITIAL LIST OF ASSIGNMENTS)

ESTADOS UNIDOS MEXICANOS
(UNITED MEXICAN STATES)

<i>Canal No. (Channel)</i>	<i>Ubicación (Location)</i>	<i>Distintivo de llamada (Call letters)</i>	<i>Potencia (Power) (kW)</i>	<i>Altura (Height) (m)</i>
BAJA CALIFORNIA				
239A	Tijuana	XHQS-FM	0.950	44.50
255A	Tijuana	XHQF-FM	3.625	35.27
297A	Tijuana	XHFG-FM	4.550	295.30
223B	Tijuana	XHRM-FM	5.340	83.00
283B	Tijuana	XHERS-FM	57.295	107.00
212C	Tijuana	XHIS-FM	99.000	68.00
216C	Tijuana	XETRA-FM	100.000	245.50
285A	Mexicali	XHAP-FM	0.970	55.00
210B	Mexicali	XHFE-FM	0.900	34.00
218B	Mexicali	XHJC-FM	3.740	-67.17
222B	Mexicali	XHMMP-FM	18.450	45.00
270B	Mexicali	XHPF-FM	0.950	45.00
277B	Mexicali	XHVG-FM	0.955	44.80

<i>Canal No. (Channel)</i>	<i>Ubicación (Location)</i>	<i>Distintivo de llamada (Call letters)</i>	<i>Potencia (Power) (kW)</i>	<i>Altura (Height) (m)</i>
<i>COAHUILA</i>				
262A	Monclova	XHTF-FM	0.362	-46.4
258B	Monclova	XHMS-FM	0.383	-61.00
233A	Piedras Negras	XHTA-FM	0.885	34.00
256A	Piedras Negras	XHSL-FM	0.969	32.70
260A	Piedras Negras	XHSG-FM	0.392	32.60
288B	Piedras Negras	XHRE-FM	3.285	32.60
259A	Ciudad Acuña	XHPL-FM	0.823	22.50
234A	Saltillo	XHRP-FM	0.480	-163.00
220B	Sabinas	XHEC-FM	3.884	+31.00
<i>CHIHUAHUA</i>				
278A	Ciudad Juárez	XHEM-FM	0.940	-5.29
286A	Ciudad Juárez	XHIM-FM	0.940	-5.90
282B	Ciudad Juárez	XHTO-FM	9.460	-35.70
290B	Ciudad Juárez	XHGH-FM	3.396	-68.00
252C	Ciudad Juárez	XHPX-FM	4.090	-31.00
264C	Ciudad Juárez	XHH-FM	0.286	-41.90
291C	Chihuahua	XHSU-FM	0.956	-30.44
<i>NUEVO LEÓN</i>				
211A	Monterrey	XHNV-FM	3.899	-84.14
215A	Monterrey	XHXL-FM	0.874	-92.00
235A	Monterrey	XHNL-FM	6.685	-120.16
251A	Monterrey	XHRL-FM	10.000	-143.00
263A	Monterrey	XHMC-FM	3.813	-120.16
223B	Monterrey	XHSRO-FM	6.590	-37.16
227B	Monterrey	XHQQ-FM	2.400	45.00
231B	Monterrey	XET-FM	2.530	24.30
247B	Monterrey	XHSR-FM	18.860	-105.30
255B	Monterrey	XHJD-FM	3.740	-67.17
259B	Monterrey	XHSP-FM	1.699	100.80
267B	Monterrey	XHIL-FM	3.824	131.50
295B	Monterrey	XHPJ-FM	3.740	67.17
239C	Monterrey	XHRK-FM	0.850	-173.00
<i>SONORA</i>				
274B	Nogales	XHQT-FM	4.000	-85.00
278B	Nogales	XHRZ-FM	0.940	-28.38
286B	Nogales	XHNI-FM	3.700	-36.40
<i>TAMAULIPAS</i>				
231A	Nuevo Laredo	XHNOE-FM	0.890	30.50
246A	Nuevo Laredo	XHNK-FM	0.787	37.75
268A	Matamoros	XHMLS-FM	3.348	-52.09

ANEXO III
(ANNEX III)

Cuadro B
(Part B)

LISTA INICIAL DE ASIGNACIONES
(INITIAL LIST OF ASSIGNMENTS)

ESTADOS UNIDOS DE AMÉRICA
(UNITED STATES OF AMERICA)

<i>Canal No.</i> (Channel)	<i>Ubicación</i> (Location)	<i>Distintivo</i> <i>de llamada</i> (Call letters)	<i>Potencia</i> (Power) (kW)	<i>Altura</i> (Height) (m)
<i>ARIZONA</i>				
222-C	Glendale	KXTC	100.000	285
240-A	Lake Havasu City	KRHM	2.900	295
227-C	Mesa	KDKB-FM	100.000	1550
284-C	Mesa	KBUZ-FM	100.000	170
218-C	Phoenix	KFCA	100.000	1640
233-C	Phoenix	KOOL-FM	100.000	1620
238-C	Phoenix	KRFM	100.000	1550
245-C	Phoenix	KMEO-FM	100.000	1560
254-C	Phoenix	KTAR-FM	115.000	1680
268-C	Phoenix	KHEP	26.000	170
273-C	Phoenix	KNIX	100.000	1620
265-A	Sierra Vista	—	3.000	-46
250-C	Tempe	KUPD-FM	100.000	1620
264-C	Tolleson (Scottsdale)	KDOT-FM	50.000	170
225-C	Tucson	KWFM	28.000	86
229-C	Tucson	KXEW-FM	29.000	-38
235-C	Tucson	KAYN	50.000	88
241-C	Tucson	KCEE-FM	25.500	77
258-C	Tucson	KFMM	30.000	73
226-C	Yuma	—	30.000	74
236-C	Yuma	KALJ	25.000	76
<i>CALIFORNIA</i>				
240-A	Anaheim	KEZR	2.500	330
272-A	Apple Valley	KAVR-FM	1.300	53
211-D	Buena Park	KBPK	0.014	100
240-A	Camarillo	KEWE	3.000	195
240-A	Carisbad	KARL-FM	3.000	94
276-A	Cathedral City	KWXY-FM	3.000	-690
204-A	Claremont	KSPC	3.000	-255
229-B	Coachella	KVIM	50.000	-225
227-B	El Cajón	KECR	2.000	1850
253-B	El Centro	KNEU	50.000	75
221-A	Escondido	KOWN-FM	3.000	155
232-A	Garden Grove	KORJ	3.000	245
270-B	Glendale	KUTE	640.000	2860
288-A	Hemet	KHSJ-FM	0.700	-265
280-A	Inglewood	KTYM-FM	1.600	390
210-D	Irvine	KUCI	0.020	100
202-D	La Cañada	KUNF	0.019	62
292-A	Lancaster	KOTE	3.000	135
202-D	Loma Linda	KEMR	0.016	100

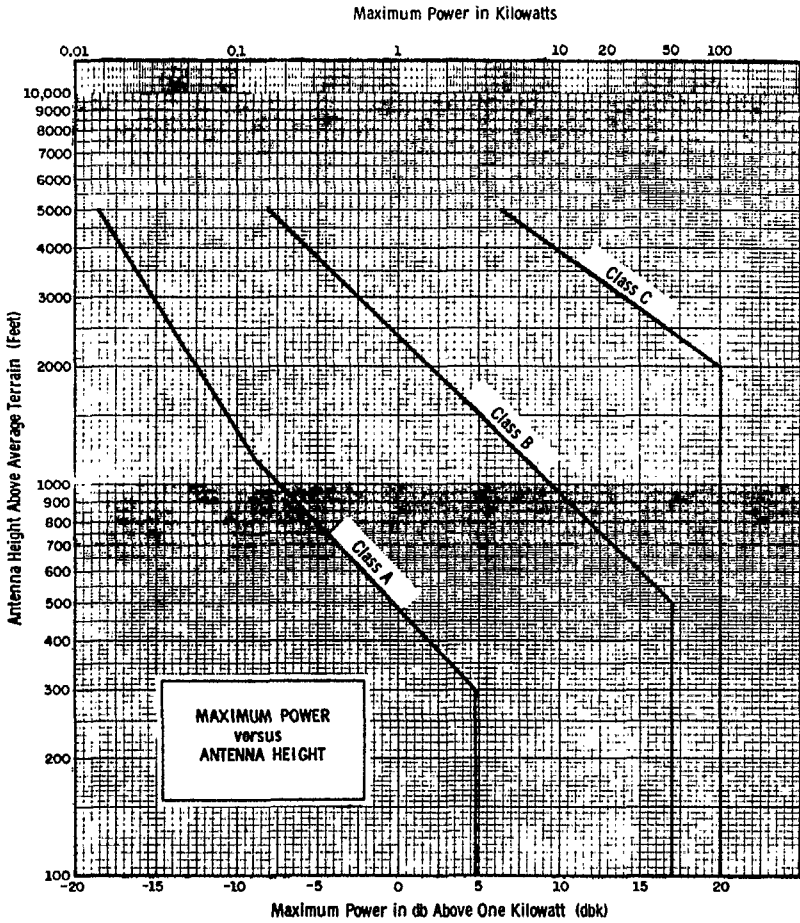
<i>Canal No. (Channel)</i>	<i>Ubicación (Location)</i>	<i>Distintivo de llamada (Call letters)</i>	<i>Potencia (Power) (kW)</i>	<i>Altura (Height) (m)</i>
224-A	Lompoc	KLOM-FM	2.500	-270
201-A	Long Beach	KLON	1.200	425
211-D	Long Beach	—	0.010	100
250-B	Long Beach	KNOB	79.000	410
272-A	Long Beach (Compton)	KJLH	3.000	300
288-A	Long Beach	KNAC	1.600	400
205-A	Los Angeles	KXLU	2.900	10
214-B	Los Angeles	KPFK	110.000	2830
218-B	Los Angeles	KUSC	29.500	140
222-B	Los Angeles	KFAC-FM	59.000	2820
226-B	Los Angeles	KNX-FM	54.000	3050
230-B	Los Angeles	KPOL-FM	100.000	540
234-B	Los Angeles	KMET	58.000	2830
238-B	Los Angeles	KABC-FM	68.000	2920
242-B	Los Angeles	KRKD-FM	54.000	480
246-B	Los Angeles	KGBS-FM	58.000	750
254-B	Los Angeles	KJOI	75.000	1180
258-B	Los Angeles	KHOF	100.000	240
262-B	Los Angeles	KFOX-FM	58.000	1180
266-B	Los Angeles	KHJ-FM	58.000	2930
274-B	Los Angeles	KKDJ	8.000	2960
278-B	Los Angeles	KOST	12.500	3100
282-B	Los Angeles	KXTZ	105.000	2890
286-B	Los Angeles	KBCA	18.000	2900
290-B	Los Angeles	KWST	72.000	770
298-B	Los Angeles	KPSA	34.000	2780
249-A	Mojave	KDOL-FM	3.000	-120
276-A	Newport Beach	KOCM	2.000	300
203-A	Northridge	KEDC-FM	3.000	-235
271-B	Oceanside	KUDE-FM	10.000	950
288-A	Ojai	KOVA	0.130	1180
228-A	Ontario	KXOM-FM	3.000	-400
252-A	Oxnard	—	3.000	105
284-B	Oxnard	KPMJ	2.850	1580
284-B	Palm Springs	KGEC	20.000	-660
207-B	Pasadena	KPCS	3.800	-510
294-B	Pasadena	KPPC-FM	25.500	660
206-A	Redlands	KUOR-FM	0.700	-500
244-A	Redlands	KCAL-FM	2.900	-1150
228-A	Redondo Beach	KKOP	3.000	175
201-D	Riverside	KUCR	0.0175	90
209-A	Riverside	KLLU	1.400	73
224-A	Riverside	KACE-FM	1.700	-88
248-B	Riverside	KDUO	72.000	1630
256-B	Riverside	KBBL	49.000	165
220-B	San Bernardino	KVCR	4.900	-320
260-B	San Bernardino	KOLA	31.000	1630
300-B	San Clemente	KAPX	28.500	490
202-A	San Diego	KSDS	0.830	170
208-B	San Diego	KPBS-FM	2.000	1810
231-B	San Diego	KFSD-FM	100.000	640
235-B	San Diego	KLRO	2.000	1820
243-B	San Diego	KYXY	30.000	540
247-B	San Diego	KSEA	50.000	215

<i>Canal No. (Channel)</i>	<i>Ubicación (Location)</i>	<i>Distintivo de llamada (Call letters)</i>	<i>Potencia (Power) (kW)</i>	<i>Altura (Height) (m)</i>
251-B	San Diego	KDIG	19.000	650
264-B	San Diego	KFMB-FM	30.000	620
268-B	San Diego	KBKB	50.000	500
275-B	San Diego	KPSE	50.000	185
279-B	San Diego	KOZN-FM	36.000	580
287-B	San Diego	KITT	120.000	180
293-B	San Diego	KPRI	50.000	230
232-A	San Fernando	KVFM	3.000	-72
244-A	Santa Ana	KWIZ-FM	3.000	210
292-A	Santa Ana	KYMS	3.000	130
218-B	Santa Barbara	KCSB-FM	0.170 (DA)	2910
229-B	Santa Barbara	KDB	5.000	-1000
248-B	Santa Barbara	KTMS	17.500	2900
260-B	Santa Barbara	KGUD-FM	34.000	550
277-B	Santa Barbara	KMUZ	38.000	2980
210-B	Santa Monica	KCRW	26.500	-100 (DA)
276-A	Santa Monica	KSRF	1.850	-95
296-A	Sierra Madre (Arcadia)	KMAX	3.000	-240
224-A	Thousand Oaks	KNJO	3.000	-20
209-D	Torrance	KNHS	0.0115	100
239-B	Twentynine Palms	KQYN	5.000	190
236-B	Ventura	KBBY	28.000	79
264-B	Ventura	KVEN-FM	39.000	1210
252-A	W. Covina	KBAB	0.810	-265
<i>NEW MEXICO</i>				
225-C	Artesia	KSVP-FM	50.000	1090
221-A	Carlsbad	KBAD-FM	3.000	165
239-C	Hobbs	KLDG-FM	36.000	115
214-C	Las Cruces	KRWG	100.000	420
280-A	Las Cruces	KGRD-FM	2.700	3
269-A	Lovington	KLEA-FM	3.000	280
235-C	Roswell	KBIM-FM	100.000	1880
<i>TEXAS</i>				
208-C	Austin	KMFA	1.300	880
214-A	Austin	KUT-FM	4.100	225
229-C	Austin	KTBC-FM	94.000	1057
238-C	Austin	KOKE-FM	10.000	265
252-A	Austin	KHFI-FM	1.300	420
264-C	Austin	KASE	98.000	510
237-A	Big Spring	KENE	1.800	300
257-A	Brownwood	KFRN-FM	0.720	115
230-C	Corpus Christi	KSIX-FM	100.000	840
238-C	Corpus Christi	KZFM	41.000	320
243-C	Corpus Christi	KIOU	35.000	290
260-C	Corpus Christi (Robstown)	KROB-FM	36.000	185
232-A	Del Rio	KDLK-FM	3.000	68
224-A	Eagle Pass	KINL	3.000	185
281-C	Edinburg	KBFM	100.000	320
203-C	El Paso	KTEP	3.800	1020
234-C	El Paso	KSET-FM	100.000	730
248-C	El Paso	KINT-FM	60.000	1080

<i>Canal No. (Channel)</i>	<i>Ubicación (Location)</i>	<i>Distintivo de llamada (Call letters)</i>	<i>Potencia (Power) (kW)</i>	<i>Altura (Height) (m)</i>
260-C	El Paso	KTSM-FM	27.000	1850
271-C	El Paso	KIZZ-FM	27.000	1160
266-C	Fredericksburg	KNAF-FM	100.000	650
233-C	Harlingen	KELT	2.700	700
249-A	Kingsville	KPUP	3.000	135
220-D	Kingsville	KTAI	0.0145	100*
262-C	Lamesa	KELE	25.500	260
224-A	Laredo	KOYE	3.000	155
245-C	McAllen	KVMV-FM	76.000	235
253-C	McAllen	KQXX	25.500	130
222-C	Midland	KNFM	100.000	390
221-A	New Braunfels	KNBT	3.000	300
217-C	Odessa	KOCV	5.000	255
245-C	Odessa	KQIP	1.700	195
250-C	Odessa	KOYL-FM	34.000	100
230-C	San Angelo	KWLW	34.000	145
234-C	San Angelo	KIXY	39.000	140
248-C	San Angelo	KSJT	34.000	100
212-A	San Antonio	KSYM	0.800	110
225-C	San Antonio	KITY	100.000	390
241-C	San Antonio	KMFM	60.000	135
247-C	San Antonio	KEEZ	100.000	450
258-C	San Antonio	KISS	12.900	570
262-C	San Antonio	KBER-FM	100.000	155
270-C	San Antonio	KQXT	100.000	670
274-C	San Antonio	KTFM	99.000	660
283-C	San Antonio	KEXL	100.000	660
298-C	San Antonio	KBUC-FM	100.000	287
279-C	San Marcos	KRMH	97.000	530
287-C	Seguin	KWED-FM	38.000	130
267-C	Sinton	KTOD-FM	100.000	360
277-C	Sinton	KOUL	100.000	310
254-C	Victoria	KTXN-FM	39.000	150

* Esta estación podrá cambiarse al canal 216-A.
This station will move to 216-A.

ANNEX IV MAXIMUM POWER VERSUS ANTENNA HEIGHT



ANEXO V

Parte I

CÁLCULO DE LA DISTANCIA

A. Una vez establecida la ubicación de los transmisores, la distancia deberá ser determinada entre las coordenadas correspondientes a dicha ubicación. Si la ubicación de un transmisor no ha sido establecida, se tomarán como referencia las coordenadas de la población o ciudad respectiva.

B. La distancia entre los puntos de referencia se considera que es la longitud de la hipotenusa de un triángulo rectángulo, uno de cuyos lados es la diferencia de latitud entre los puntos de referencia y el otro lado es la diferencia de longitud entre dichos puntos. Tal distancia se calculará como sigue:

1. Determinar la diferencia de latitud y la diferencia de longitud entre los dos puntos de referencia. Convertir estas dos diferencias a grados y décimas de grado.

2. Determinar la latitud media de los dos puntos de referencia hasta el más próximo segundo de latitud (promediar latitudes de los dos puntos).

3. Multiplicar la diferencia en latitud por el número de kilómetros por grado de diferencia de latitud obtenido de la Parte 2 de este Anexo, para la latitud media apropiada (interpolando linealmente). Esto determina la distancia Norte-Sur en kilómetros.

4. Multiplicar la diferencia en longitud por el número de kilómetros por grado de diferencia de longitud obtenido de la Parte 2 de este Anexo, para la latitud media apropiada (interpolando linealmente). Esto determina la distancia Este-Oeste en kilómetros.

5. Determinar la distancia entre los dos puntos de referencia mediante la raíz cuadrada de la suma de los cuadrados de las distancias obtenidas; por ejemplo:

$$D = (L_a^2 + L_o^2)^{1/2}$$

donde:

D = Distancia en kilómetros

L_a = Distancia Norte-Sur en kilómetros (de 3)

L_o = Distancia Este-Oeste en kilómetros (de 4).

Para el cálculo anterior, deberán emplearse suficientes fracciones decimales para determinar la distancia al kilómetro más próximo.

ANNEX V

Part I

COMPUTATION OF DISTANCE

A. Where transmitter sites have been established, the distance shall be determined as between the coordinates of the transmitter sites. If a transmitter site has not been established, the reference coordinates of the community, town, or city shall be used.

B. The distance between reference points is considered to be the length of the hypotenuse of a right triangle, one side of which is the difference in latitude of the reference points and the other side the difference in longitude of the two reference points. The distance shall be computed as follows:

1. Determine the difference in latitude and the difference in longitude between the two reference points. Convert these two differences into degrees and decimal parts of a degree.

2. Determine the middle latitude of the two reference points to the nearest second of latitude (the average of the latitudes of the two points).

3. Multiply the difference in latitude by the number of miles per degree of latitude difference obtained from Part 2 of this Annex for the appropriate middle latitude (interpolate linearly). This determines the North-South distance in statute miles.

4. Multiply the difference in longitude by the number of miles per degree of longitude difference obtained from Part 2 of this annex for the appropriate middle latitude (interpolate linearly). This determines the East-West distance in statute miles.

5. Determine the distance between the two reference points by the square root of the sum of the square of the distances obtained, i.e.

$$D = (L_a^2 + L_o^2)^{1/2}$$

where:

D = Distance in statute miles

L_a = North-South distance in miles from (3) above

L_o = East-West distance in miles from (4) above.

In computing the above, sufficient decimal figures shall be used to determine the distance to the nearest mile.

ANEXO V
(ANNEX V)

Parte 2
(Part 2)

CUADRO DE LATITUD MEDIA
(MID-LATITUDE TABLE)

<i>Grados de latitud media (Mid-latitude degrees)</i>	<i>Millas por grado de latitud (Miles per degree of latitude)</i>	<i>Millas por grado de longitud (Miles per degree of longitude)</i>
37	68.957	55.311
36	68.945	56.026
35	68.933	56.725
34	68.922	57.406
33	68.911	58.070
32	68.899	58.716
31	68.889	59.345
30	68.878	59.955
29	68.867	60.547
28	68.857	61.120
27	68.847	61.675
26	68.837	62.211
25	68.828	62.728
24	68.819	63.227
23	68.810	63.706
22	68.801	64.165

EXCHANGE OF NOTES — ÉCHANGE DE NOTES

I

DEPARTMENT OF STATE
WASHINGTON

November 9, 1972

Excellency:

I have the honor to refer to the Agreement between the United Mexican States and the United States of America concerning frequency modulation broadcasting in the 88 to 108 MHz band signed at Washington, November 9, 1972.

Section A [of article 1] of the Agreement states in part that "Each Contracting Party hereby recognizes that the sovereign right of the other party to use any of the channels in the 88 to 108 megahertz band is subject to the provisions of the International Telecommunication Convention and to other applicable international agreements".

During talks which took place in Mexico City on July 26-27, 1972 it was affirmed that in accordance with the principle outlined in article 7, section 1, paragraph 423 (2) of the Radio Regulations annexed to the aforementioned Convention, FM broadcasting stations within the jurisdiction of each Party will be assigned and operated for the basic purpose of providing an effective service to its nationals within its frontiers.

If the foregoing reflects the understanding of Your Excellency's Government, I propose that this note and Your Excellency's note in reply constitute an arrangement between our two Governments.

Accept, Excellency, the renewed assurances of my highest consideration.

WILLIAM P. ROGERS

His Excellency Dr. José Juan de Olloqui
Ambassador of Mexico

II

EMBAJADA DE MÉXICO
WASHINGTON, D.C.

a 9 de noviembre de 1972

Señor Secretario:

Tengo el honor de referirme a la atenta nota de Vuestra Excelencia, echada el día 9 de noviembre actual, cuyo texto vertido al español es el siguiente:

«Tengo el honor de hacer referencia al Convenio entre los Estados Unidos Mexicanos y los Estados Unidos de América Relativo a la Radiodifusión en Frecuencia Modulada en la Banda de 88 a 108 MHz, firmado en Washington, el 9 de noviembre de 1972. La Sección A del Convenio dice en parte que «Cada Parte Contratante reconoce que el derecho soberano de la otra a usar cualquiera de los canales de la banda de 88 a 108 MHz está sujeto a las disposiciones de la Convención Internacional de Telecomunicaciones y a otros acuerdos internacionales aplicables».

«Durante las pláticas que tuvieron lugar en la Ciudad de México en julio 26-27 de 1972, se afirmó que, de acuerdo con el principio señalado en el Artículo 7, Sección 1, párrafo 423(2) del Reglamento de Ra-

diocomunicaciones, anexo a la Convención antes mencionada, las estaciones radiodifusoras de frecuencia modulada dentro de la jurisdicción de cada una de las partes serán asignadas y operadas con el propósito básico de proveer un servicio efectivo a sus nacionales dentro de sus fronteras.

«Si lo anterior refleja el entendimiento del Gobierno de Vuestra Excelencia, propongo que esta Nota y la de Vuestra Excelencia en repuesta, constituyan un arreglo entre nuestros dos Gobiernos.»

En respuesta, me complace en comunicar a Vuestra Excelencia que mi Gobierno acepta la proposición del ilustrado Gobierno de los Estados Unidos de América, contenida en la Nota que me honro en contestar y, en consecuencia, considera que dicha y la presente constituyen un Arreglo entre nuestros dos Gobiernos.

Aprovecho la oportunidad para renovar a Vuestra Excelencia el testimonio de mi más atenta y distinguida consideración.

OLLOQUI
Embajador

Excelentísimo señor William P. Rogers
Secretario de Estado
Washington, D.C.

[TRANSLATION¹ — TRADUCTION²]

EMBASSY OF MEXICO
WASHINGTON, D.C.

November 9, 1972

Mr. Secretary:

I have the honor to refer to your note of November 9, 1972, the text of which, translated into Spanish, reads as follows:

[See note I]

In reply, I am happy to inform you that my Government accepts the proposal of the Government of the United States of America contained in the note to which I am replying, and consequently, it considers that the aforesaid note and this reply constitute an arrangement between our two Governments.

I avail myself of this opportunity to renew to Your Excellency the assurances of my most respectful and distinguished consideration.

OLLOQUI
Ambassador

His Excellency William P. Rogers
Secretary of State
Washington, D.C.

¹ Translation supplied by the Government of the United States of America.

² Traduction fournie par le Gouvernement des Etats-Unis d'Amérique.