

UNITED STATES-MEXICO VHF TELEVISION AGREEMENT

(Text of agreement concluded by an exchange of notes in Mexico, D.F. on April 18, 1962.)

A. SCOPE OF AGREEMENT

1. This agreement relates to the assignment and use of twelve (12) television channels between 54 and 216 megacycles/second along the border of the United States of America and United Mexican States, within an area of 400 kilometers in width on either side of this border. 1609

248.5 miles

2. In determining whether a given station assignment is included within the area described in Article A.1, the location of the station will be determined by the transmitter location. Where there may be difficulty because of uncertain geographical information in determining with precision whether or not a given transmitter site is within the area described in Article A.1, the Government of the country in which the station is to be located will furnish the Government of the other country the best information available regarding the location of the proposed site. If the Government of the other country has any question regarding the site, it will so inform the Government of the proposing country within 30 days of receipt of the above-described information. Any difference of opinion as to whether the proposed station assignment is within the area described in Article A.1, shall be resolved before operation of the station in question is authorized.

B. FUNDAMENTAL CHANNEL CHARACTERISTICS

The channels occupy a total band width of 6 megacycles/second (mc/s) indicated by number in the table below.

<u>No.</u>	<u>Frequency Band</u> <u>mc/s</u>
2	54 - 60
3	60 - 66
4	66 - 72
5	76 - 82
6	82 - 88
7	174 - 180
8	180 - 186
9	186 - 192
10	192 - 198
11	198 - 204
12	204 - 210
13	210 - 216

C. POWER OF STATIONS

1. All station assignments considered in this arrangement shall have an effective radiated power not in excess of:

- (a) ^{20dbk} 100 kw for Channels 2, 3, 4, 5, 6
- (b) ^{25.12dbk for Mexican} 325 kw for Channels 7, 8, 9, 10, 11, 12, 13

2. Either of the two Governments may assign a lower power than listed in Article C.1.

3. The assignment of lower power shall not prevent the assignment of the maximum proposed power at a later date.

D. ANTENNA HEIGHT

There shall be no limitation on antenna height.

E. OFFSET OF VIDEO CARRIER FREQUENCY

In order to obtain the most favorable possible desired to undesired signal ratio and the maximum service areas in any group of three stations operating on the same channel, the video carrier frequency of two of such stations shall be offset by plus or minus 10 kilocycles/second respectively. The carrier frequency offsets shown in Tables A and B annexed to this Agreement are accepted.

F. FREQUENCY TOLERANCE

The operating frequencies of stations assigned pursuant to this Agreement shall be maintained within ± 1 kilocycle/second of the normal or offset frequencies specified at the end of Tables A and B.

G. ASSIGNMENT PLAN

- 1. The channel assignments in Tables A and B are accepted by each country.
- 2. Changes in channel assignments may be made in accordance with the further provisions of this Agreement.

H. MINIMUM SEPARATIONS BETWEEN STATIONS ON THE SAME AND ADJACENT CHANNELS

- 1. Stations operating on the same channel.
 - (a) In the area shown on the map in Fig. 1 the minimum separation between a station in the United States and a station in Mexico both of which are within this zone shall be 355 kilometers. ^{221 miles}
220.63 miles

(b) The minimum separation between a station in the United States and a station in Mexico either or both of which are outside the zone specified in Article H.1(a) shall be 305 kilometers. *189,56 miles*

2. The minimum separation between two stations operating on adjacent channels shall be 100 kilometers. *62.15*

3. Channels 4 and 5, and 6 and 7, are not adjacent.

I. TRANSMITTER LOCATIONS

1. The transmitter site of a station assigned pursuant to the channel assignments in Tables A and B shall be located so that a good grade of service is provided to the city specified in the table but in any event shall not be closer than specified in Article H:

(a) From a city in the other country to which the same or an adjacent channel has been assigned; or

(b) From the transmitter of a station in the other country, duly notified, as specified hereinafter; unless there are provisions in the present agreement with regard to the transmitter site of the assigned station.

J. CHANGES IN THE TABLES OF CHANNEL ASSIGNMENTS

1. It is the desire of the Governments of the United States of America and the United Mexican States that changes may be made in the attached Tables A and B when they will further the purposes of this Agreement and will be conducive to maintaining maximum efficiency in the use of television channels.

2. When a channel assignment can be relocated or an additional channel assigned without derogation of the separation requirements of Articles H and I above with respect to channel or station assignments in the other country, such changes may be effected by prior notifications as specified in this agreement.

3. Other changes shall be the subject of direct communication between the telecommunications authorities of both parties and agreements reached between them with respect to such changes shall become effective by exchange of diplomatic notes.

K. NOTIFICATION PROCEDURES

1. Each Government shall notify the other when an authorization for a station assignment pursuant to this Agreement is made. Each notification shall include the following information:

Notification after grant as long as changes meet agreement

- (a) Transmitter location (city, longitude and latitude).
- (b) Channel number.
- (c) Video carrier frequency offset designation.
- (d) Antenna height.
- (e) Effective radiated power in the horizontal plane.
- (f) Call letters (may be subsequently notified).

2. Modification of the particulars required under Article K.1 shall be made in the same manner as the original notification.

3. A communication shall be sent immediately upon commencement of operation of all stations to which this Agreement applies.

4. Each Government shall notify the other of any change in a channel assignment made pursuant to Article J.2.

5. If there are objections to any notification made pursuant to this Article such objection shall be sent in writing to the proposing Government within 30 days of receipt of the notification which is the object of the objection. Such objection shall be acknowledged as promptly as possible after its receipt but in any event within 5 days thereafter. If no objection is received or upon resolution of the difference which gave rise to the objection the notification shall be considered accepted.

6. All notifications, objections, and acknowledgements provided for in Article K shall be the subject of direct communication, by registered mail, between the telecommunications authorities of both countries.

L. COOPERATION AND EXCHANGE OF INFORMATION

The Communications authorities of the respective countries will exchange information and cooperate with each other for the purpose of minimizing interference and obtaining maximum efficiency in the use of television channels.

M. TABLE OF CHANNEL ASSIGNMENTS

The annexed Tables A and B are an integral part of this agreement. All notifications made prior to this Agreement and which are in accordance therewith shall be considered to have been accepted.

N. TERMINATION OF AGREEMENT OF 1951, AS AMENDED

This agreement shall replace the agreement entered into by an exchange of notes dated August 10 and September 26, 1951, as amended by an exchange of notes dated June 4 and 25, 1952, and September 8 and 24, 1959.

O. TERMINATION OF THIS AGREEMENT

Either party may terminate this agreement by giving a written notice of termination to the other party. Expiration shall take effect one year after the date of the receipt of the notice thereof.

TABLE A

MEXICO

BAJA CALIFORNIA

Mexicali	3, 5 ^f
Rosario	8
Santa Catarina	12 ^f
Santo Tomas	2 ^f
Tijuana	6, <u>12</u>

CHIHUAHUA

Chihuahua	2-, 4 ^f , 5-, 11-
Cd. Camargo	10 ^f
Cd. Cuauhtemoc	9 ^f
Cd. Delicias	13-
Cd. Jimenez	8
Cd. Juarez	<u>2</u> , 5, 11 ^f
Hidalgo del Parral	3-, 12 ^f
Madera	13 ^f
N. Casas Grandes	8 ^f
Ojinaga	6
San Buenaventura	<u>10</u> -

COAHUILA

Monclova	9 ^f
Nueva Rosita	4-
Piedras Negras	3, 6-
Saltillo	5 ^f , 7-
San Vicente	<u>2</u>
<u>1/</u> Torreon, Coah., Gomez	
Palacio, Cd. Lerdo	
Dgo.	2 ^f , <u>4</u> , 11 ^f , 13 ^f
Villa Acuna	<u>7</u>

NUEVO LEON

Monterrey	3 ^f , <u>6</u> , 10 ^f , <u>12</u>
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SAN LUIS POTOSI

Matenuala	9-
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SONORA

Cananea	5 ^f
El Golfo	4
Empalme	<u>13</u>
Guaymas	3 ^f , 9
Hermosillo	6-, 8, <u>10</u> , <u>12</u>
Nogales	2 ^f , 7-
Puerto Lobos	3-

TABLE B
UNITED STATES

ARIZONA

Douglas	3
Flagstaff	<u>9</u> , <u>13</u>
Kingman	6-
Mesa	12-
Nogales	<u>11</u>
Phoenix	<u>3f</u> , 5-, 8f, 10-
Prescott	7
Tucson	<u>4-</u> , 6f, 9-, 13-
Yuma	11-, 13f

CALIFORNIA

<u>1/</u> Bakersfield, Santa Barbara, Santa Maria, Lompoc	10-, 12f
El Centro	7f, 9f
Los Angeles	2, <u>4</u> , <u>5</u> , <u>7</u> , <u>9</u> , <u>11</u> , <u>13</u>
San Diego	8, <u>10</u>
Santa Barbara	3-

NEVADA

Boulder City	4f
Henderson	2-
Las Vegas	8-, 10f, 13-

NEW MEXICO

Albuquerque	4f, 5f, 7f, 13f
Carlsbad	6-
Roswell	3f, 8, 10-
Silver City	10f, <u>12</u>
/ Silver City-Truth or Consequences	<u>6</u>

TEXAS

Abilene	9f
Alpine	12-
Austin	7f
Big Spring	4-
Boquillas	8-
Brady	<u>13</u>
Brownsville-Harlingen-Weslaco	<u>4f</u> , 5-
Corpus Christi	3-, 6f, 10-
Del Rio	10
El Paso	<u>4</u> , <u>7</u> , <u>9</u> , <u>13</u>
Ft. Stockton	5f

TAMAULIPAS

	Cd. Mante	5
	Cd. Victoria	<u>11</u> -, 13-
	La Rosita	8/
<u>2/</u>	Matamoros	2/, 7
	Nuevo Laredo	<u>2</u> , <u>11</u>
	Reynosa	9
	Soto la Marina	3

1/ Channels 2/, 4, 11/, 13/, may be used in any one of the cities within the triangle formed by Torreon, Gomez-Palacio and Cd. Lerdo.

2/ Channel 2/ may be operated in Matamoros or at any other point located between Reynosa and Matamoros, Tams.

Designation of video carrier frequency offsets:

 Offset zero

/ Offset plus 10 kc/s

- Offset minus 10 kc/s

TEXAS (continued)

Laredo	<u>8</u> , <u>13</u>
Marfa	<u>3</u>
Midland	<u>2</u> / _f
Monahans	9-
Odessa	7-
Presidio	<u>7</u> / _f
San Angelo	3-, <u>6</u> / _f , <u>8</u> / _f
San Antonio	<u>4</u> , <u>5</u> , 9-, <u>12</u> / _f
Sonora	<u>11</u> / _f
Sweetwater	<u>12</u>
Temple	<u>6</u>

- 1/ Channel 10-, and Channel 12/_f may be assigned to any of these cities
- 2/ Channel 6 may be used in either city mentioned. ("Truth or Consequences" is only one city.)
- 3/ Channels 4 and 5 may be used in any community within the triangle formed by Brownsville, Harlingen and Weslaco.

Designation of video carrier frequency offsets:

- Offset zero
- /_f Offset plus 10 kc/s
- Offset minus 10 kc/s



1. 1000

1000

1000

1000

1000