

**MEMORANDUM OF UNDERSTANDING BETWEEN THE FEDERAL COMMUNICATIONS COMMISSION OF THE UNITED STATES OF AMERICA AND THE SECRETARIA DE COMUNICACIONES Y TRANSPORTES OF THE UNITED MEXICAN STATES RELATED TO THE USE OF THE 54-72 MHZ, 76-88 MHZ, 174-216 MHZ AND 470-806 MHZ BANDS FOR THE DIGITAL TELEVISION BROADCASTING SERVICE ALONG THE COMMON BORDER**

Considering that there are currently in effect agreements which govern the use of the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz bands for television broadcasting: *Assignment of Television Channels Along United States-Mexican Border* (1962), and the *Agreement Relating to Assignments and Usage of Television Broadcasting Channels in the Frequency Range 470-806 MHz (Channels 14-69) Along the United States-Mexico Border* (1982);

Considering the potential for television broadcasting services utilizing digital techniques to deliver increased quality and diversity of service as well as its potential to provide for more efficient use of the radio electric spectrum;

Considering the consultations that have been taking place under the auspices of the United States-Mexico High Level Consultative Commission on Telecommunications on the use of the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz bands to permit television broadcasting services utilizing digital techniques along the common border;

Considering the results of the Bilateral Meetings held on February 11th and 12th of 1997, in Mexico City, D.F. and on March 19th and 20th of 1997 in Washington, D.C., that indicate a potential agreement on the use of digital techniques in the above bands in the border zone;

Considering that it is necessary to establish definitive distance separation requirements between digital stations and the current analog stations, and between digital stations; and,

Considering that the Federal Communications Commission will release a new U.S. Table of Allotments for digital television in April of 1997, and will issue licenses to stations (assignments) within 275 km of the common border which should be conditioned on the outcome of consultations between the Federal Communications Commission and the Secretaria de Comunicaciones y Transportes in accordance with the terms of this Memorandum of Understanding;

The representatives of the Federal Communications Commission and the Secretaria de Comunicaciones y Transportes have reached the following understandings for the use of 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz bands along the common border:

1. Promote the introduction of digital television (DTV) in their respective countries.
2. Work jointly to assign a second channel to the allotments referred to in Appendix I (Mexican NTSC) and Appendix II (U.S. NTSC), with a bandwidth of 6 MHz for the transmission of digital television in accordance with Table C.
3. Establish a coordination distance of 275 km for DTV allotments and assignments.

4. TV allotments, designated as being either analog (NTSC) or digital (DTV), should be made in accordance with the technical criteria and the appropriate spacings required by the existing agreements for analog (NTSC) allotments, or Tables A and B, Television Distance Separation Requirements, where digital (DTV) allotments are involved.
5. An assignment which is brought into operation must employ the transmission mode prescribed for its corresponding allotment. Allotments which are identified for analog use may be converted to digital use through notification to the other administration. When allotments are identified for digital use, they will not be converted to analog use without coordination and approval of the redesignation by the other administration.
6. Work together to develop within 4 to 6 months a table of second channels for DTV as referred to in understanding 2 using equitable and reciprocal criteria for both countries with a view to signing a new television broadcast agreement in the shortest possible time.
7. Work jointly for the approval of the table of second channels for DTV referred to in understanding 6. Both parties agree that this work will be subject to the following:
  - a. Both parties will exchange their proposals for the assignment of second channels;
  - b. Once the parties decide favorably on the assignment of second channels, it shall be made known by the exchange of an official written notification; and
  - c. Until these exchanges take place, the publication of possible assignments by one of the parties shall clearly specify that these are preliminary proposed assignments subject to coordination procedures between both parties.

This Memorandum of Understanding will be effective upon signature.

FOR THE FEDERAL COMMUNICATIONS  
COMMISSION

FOR THE SECRETARIA DE  
COMUNICACIONES Y TRANSPORTES

Reed E. Hundt  
Chairman

Javier Lozano Alarcon  
Subsecretario De  
Comunicaciones

Washington, DC  
April 2, 1997

Mexico City, D.F.  
April 2, 1997

**Table A<sup>1</sup>**

| <b>DTV to NTSC Television Distance Separation Requirements</b> |                           |                                     |                            |
|--|---------------------------|-------------------------------------|----------------------------|
|  |                           | <b>Required Distance Separation</b> |                            |
| <b>Channel Band</b>  | <b>Channel Separation</b> | <b>Lower Boundary (KM)</b>          | <b>Upper Boundary (KM)</b> |
| 2-13   | Co-Channel                | 0                                   | 273                        |
| 2-13 #   | +/- 1                     | 18                                  | 100                        |
|  |                           |                                     |                            |
| 14-69  | Co-Channel                | 0                                   | 244                        |
| 14-69  | +/- 1                     | 10                                  | 88                         |
| 14-69  | +/- 2                     | 24                                  | 32                         |
| 14-69  | +/- 3                     | 24                                  | 32                         |
| 14-69  | +/- 4                     | 24                                  | 32                         |
| 14-69  | +/- 7                     | 24                                  | 95                         |
| 14-69  | +/- 8                     | 24                                  | 32                         |
| 14-69  | +/- 14                    | 24                                  | 95                         |
| 14-69  | +/- 15                    | 24                                  | 96                         |

# Channels 4 and 5, and channels 6 and 7, are not adjacent.

<sup>1</sup> The distances specified in this table are subject to modification based on determinations resulting from further discussions on a new television agreement that includes DTV technical criteria.

**Table B<sup>1</sup>**

| <b>DTV to DTV Television Distance Separation Requirements</b> |                           |                                     |                            |
|---|---------------------------|-------------------------------------|----------------------------|
|   |                           | <b>Required Distance Separation</b> |                            |
| <b>Channel Band</b>   | <b>Channel Separation</b> | <b>Lower Boundary (KM)</b>          | <b>Upper Boundary (KM)</b> |
| 2-13  | Co-Channel                | 0                                   | 273                        |
| 2-13 #  | +/- 1                     | 48                                  | 96                         |
|   |                           |                                     |                            |
| 14-69   | Co-Channel                | 0                                   | 223                        |
| 14-69   | +/- 1                     | 32                                  | 88                         |

# Channels 4 and 5, and channels 6 and 7, are not adjacent.

<sup>1</sup> The distances specified in this table are subject to modification based on determinations resulting from further discussions on a new television agreement that includes DTV technical criteria.

**Table C**  
**Numerical Designation of Television Channels**

| VHF Television Channels |                       |                       | UHF Television Channels |                       |                       |
|-------------------------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|
| Channel                 | Lower Frequency (MHz) | Upper Frequency (MHz) | Channel                 | Lower Frequency (MHz) | Upper Frequency (MHz) |
| 2                       | 54                    | 60                    | 14                      | 470                   | 476                   |
| 3                       | 60                    | 66                    | 15                      | 476                   | 482                   |
| 4                       | 66                    | 72                    | 16                      | 482                   | 488                   |
| 5                       | 76                    | 82                    | 17                      | 488                   | 494                   |
| 6                       | 82                    | 88                    | 18                      | 494                   | 500                   |
| 7                       | 174                   | 180                   | 19                      | 500                   | 506                   |
| 8                       | 180                   | 186                   | 20                      | 506                   | 512                   |
| 9                       | 186                   | 192                   | 21                      | 512                   | 518                   |
| 10                      | 192                   | 198                   | 22                      | 518                   | 524                   |
| 11                      | 198                   | 204                   | 23                      | 524                   | 530                   |
| 12                      | 204                   | 210                   | 24                      | 530                   | 536                   |
| 13                      | 210                   | 216                   | 25                      | 536                   | 542                   |
|                         |                       |                       | 26                      | 542                   | 548                   |
|                         |                       |                       | 27                      | 548                   | 554                   |
|                         |                       |                       | 28                      | 554                   | 560                   |
|                         |                       |                       | 29                      | 560                   | 566                   |
|                         |                       |                       | 30                      | 566                   | 572                   |
|                         |                       |                       | 31                      | 572                   | 578                   |
|                         |                       |                       | 32                      | 578                   | 584                   |
|                         |                       |                       | 33                      | 584                   | 590                   |
|                         |                       |                       | 34                      | 590                   | 596                   |
|                         |                       |                       | 35                      | 596                   | 602                   |
|                         |                       |                       | 36                      | 602                   | 608                   |
|                         |                       |                       | 37                      | 608                   | 614                   |
|                         |                       |                       | 38                      | 614                   | 620                   |
|                         |                       |                       | 39                      | 620                   | 626                   |
|                         |                       |                       | 40                      | 626                   | 632                   |
|                         |                       |                       | 41                      | 632                   | 638                   |
|                         |                       |                       | 42                      | 638                   | 644                   |
|                         |                       |                       | 43                      | 644                   | 650                   |
|                         |                       |                       | 44                      | 650                   | 656                   |
|                         |                       |                       | 45                      | 656                   | 662                   |
|                         |                       |                       | 46                      | 662                   | 668                   |
|                         |                       |                       | 47                      | 668                   | 674                   |
|                         |                       |                       | 48                      | 674                   | 680                   |
|                         |                       |                       | 49                      | 680                   | 686                   |
|                         |                       |                       | 50                      | 686                   | 692                   |
|                         |                       |                       | 51                      | 692                   | 698                   |
|                         |                       |                       | 52                      | 698                   | 704                   |
|                         |                       |                       | 53                      | 704                   | 710                   |
|                         |                       |                       | 54                      | 710                   | 716                   |
|                         |                       |                       | 55                      | 716                   | 722                   |
|                         |                       |                       | 56                      | 722                   | 728                   |
|                         |                       |                       | 57                      | 728                   | 734                   |
|                         |                       |                       | 58                      | 734                   | 740                   |
|                         |                       |                       | 59                      | 740                   | 746                   |
|                         |                       |                       | 60                      | 746                   | 752                   |
|                         |                       |                       | 61                      | 752                   | 758                   |
|                         |                       |                       | 62                      | 758                   | 764                   |
|                         |                       |                       | 63                      | 764                   | 770                   |
|                         |                       |                       | 64                      | 770                   | 776                   |
|                         |                       |                       | 65                      | 776                   | 782                   |
|                         |                       |                       | 66                      | 782                   | 788                   |
|                         |                       |                       | 67                      | 788                   | 794                   |
|                         |                       |                       | 68                      | 794                   | 800                   |
|                         |                       |                       | 69                      | 800                   | 806                   |

APPENDIX I

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| <b>Mexican NTSC Television Allotments*</b> |
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| STATE | CITY           | LATITUDE | LONGITUDE | CHANNEL |
|-------|----------------|----------|-----------|---------|
| BC    | ENSENADA       | 300322   | 1155919   | 13      |
| BC    | ENSENADA       | 315220   | 1163759   | 17      |
| BC    | ENSENADA       | 315220   | 1163759   | 23      |
| BC    | ENSENADA       | 315110   | 1163800   | 29      |
| BC    | ENSENADA       | 315222   | 1163751   | 57      |
| BC    | MEXICALI       | 323641   | 1152939   | 3       |
| BC    | MEXICALI       | 323931   | 1152906   | 5       |
| BC    | MEXICALI       | 323641   | 1152939   | 14      |
| BC    | MEXICALI       | 323931   | 1152906   | 20      |
| BC    | MEXICALI       | 323641   | 1152939   | 32      |
| BC    | MEXICALI       | 323641   | 1152939   | 38      |
| BC    | MEXICALI       | 323000   | 1152800   | 60      |
| BC    | MEXICALI       | 323900   | 1152800   | 66      |
| BC    | SAN FELIPE     | 310136   | 1144946   | 2       |
| BC    | SAN FELIPE     | 310136   | 1144946   | 8       |
| BC    | TECATE         | 323403   | 1163730   | 49      |
| BC    | TECATE         | 323403   | 1163730   | 67      |
| BC    | TIJUANA        | 323000   | 1170200   | 3       |
| BC    | TIJUANA        | 323005   | 1170201   | 6       |
| BC    | TIJUANA        | 323005   | 1170223   | 12      |
| BC    | TIJUANA        | 323020   | 1170230   | 21      |
| BC    | TIJUANA        | 323020   | 1170230   | 27      |
| BC    | TIJUANA        | 323017   | 1170225   | 33      |
| BC    | TIJUANA        | 323154   | 1170355   | 45      |
| BC    | TIJUANA        | 323005   | 1170223   | 57      |
| CHIH  | CD. CAMARGO    | 274149   | 1051009   | 2       |
| CHIH  | CD. CAMARGO    | 274020   | 1051054   | 6       |
| CHIH  | CD. CUAUHTÉMOC | 282415   | 1065127   | 5       |
| CHIH  | CD. CUAUHTÉMOC | 282435   | 1065230   | 9       |
| CHIH  | CD. DELICIAS   | 281048   | 1052832   | 6       |
| CHIH  | CD. DELICIAS   | 281048   | 1052822   | 13      |
| CHIH  | CD. DELICIAS   | 281201   | 1052803   | 44      |
| CHIH  | CD. JIMÉNEZ    | 270746   | 1045453   | 8       |

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| <b>Mexican NTSC Television Allotments*</b> |
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| STATE | CITY                   | LATITUDE | LONGITUDE | CHANNEL |
|-------|------------------------|----------|-----------|---------|
| CHIH  | CD. JIMÉNEZ            | 270748   | 1045455   | 10      |
| CHIH  | CD. JIMÉNEZ            | 270752   | 1045529   | 12      |
| CHIH  | CD. JUÁREZ             | 314235   | 1062938   | 2       |
| CHIH  | CD. JUÁREZ             | 314014   | 1063108   | 5       |
| CHIH  | CD. JUÁREZ             | 314014   | 1063107   | 11      |
| CHIH  | CD. JUÁREZ             | 314014   | 1063107   | 20      |
| CHIH  | CD. JUÁREZ             | 314419   | 1062915   | 32      |
| CHIH  | CD. JUÁREZ             | 314419   | 1062915   | 44      |
| CHIH  | CD. JUÁREZ             | 314235   | 1062938   | 56      |
| CHIH  | CD. MADERA             | 291130   | 1080627   | 5       |
| CHIH  | CD. MADERA             | 291134   | 1080845   | 7       |
| CHIH  | CHIHUAHUA              | 283712   | 1055155   | 2       |
| CHIH  | CHIHUAHUA              | 283712   | 1055155   | 4       |
| CHIH  | CHIHUAHUA              | 283655   | 1060520   | 5       |
| CHIH  | CHIHUAHUA              | 283755   | 1060339   | 9       |
| CHIH  | CHIHUAHUA              | 283712   | 1055155   | 11      |
| CHIH  | CHIHUAHUA              | 283812   | 1060442   | 13      |
| CHIH  | CHIHUAHUA              | 283812   | 1060442   | 20      |
| CHIH  | HIDALGO DEL PARRAL     | 265604   | 1053958   | 3       |
| CHIH  | HIDALGO DEL PARRAL     | 265456   | 1053945   | 5       |
| CHIH  | HIDALGO DEL PARRAL     | 265453   | 1053940   | 7       |
| CHIH  | HIDALGO DEL PARRAL     | 265456   | 1053945   | 9       |
| CHIH  | HIDALGO DEL PARRAL     | 265553   | 1053858   | 13      |
| CHIH  | HIDALGO DEL PARRAL     | 265604   | 1053958   | 21      |
| CHIH  | NUEVO CASAS<br>GRANDES | 302514   | 1075440   | 2       |
| CHIH  | NUEVO CASAS<br>GRANDES | 302411   | 1075418   | 8       |
| CHIH  | OJINAGA                | 293308   | 1042532   | 6       |
| CHIH  | OJINAGA                | 293353   | 1042523   | 10      |
| CHIH  | OJINAGA                | 293329   | 1042512   | 15      |
| CHIH  | OJINAGA                | 293353   | 1042523   | 27      |
| CHIH  | SAN BUENAVENTURA       | 295047   | 1072910   | 10      |
| CHIH  | SANTA BARBARA          | 264813   | 1054901   | 4       |
| COAH  | CD. ACUÑA              | 291811   | 1005532   | 7       |
| COAH  | CD. ACUNA              | 291741   | 1005404   | 34      |

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| <b>Mexican NTSC Television Allotments*</b> |
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| STATE | CITY           | LATITUDE | LONGITUDE | CHANNEL |
|-------|----------------|----------|-----------|---------|
| COAH  | CD. ACUNA      | 291933   | 1005531   | 40      |
| COAH  | CD. ACUNA      | 291933   | 1005531   | 58      |
| COAH  | CD. ACUNA      | 291741   | 1005404   | 64      |
| COAH  | CD. ALLENDE    | 282036   | 1005106   | 7       |
| COAH  | CD. ALLENDE    | 282036   | 1005146   | 46      |
| COAH  | MONCLOVA       | 265414   | 1012508   | 4       |
| COAH  | MONCLOVA       | 265414   | 1012508   | 7       |
| COAH  | MONCLOVA       | 265343   | 1012546   | 9       |
| COAH  | MONCLOVA       | 265343   | 1012546   | 11      |
| COAH  | MONCLOVA       | 265441   | 1012613   | 29      |
| COAH  | MONCLOVA       | 265441   | 1012613   | 35      |
| COAH  | NUEVA ROSITA   | 275037   | 1010807   | 4       |
| COAH  | NUEVA ROSITA   | 275615   | 1011335   | 9       |
| COAH  | NUEVA ROSITA   | 275037   | 1010807   | 12      |
| COAH  | NUEVA ROSITA   | 275615   | 1011335   | 17      |
| COAH  | NUEVA ROSITA   | 275721   | 1011205   | 23      |
| COAH  | NUEVA ROSITA   | 275615   | 1011335   | 29      |
| COAH  | PARRAS         | 252629   | 1021053   | 2       |
| COAH  | PARRAS         | 252606   | 1021103   | 12      |
| COAH  | PIEDRAS NEGRAS | 284114   | 1003258   | 3       |
| COAH  | PIEDRAS NEGRAS | 284028   | 1003349   | 6       |
| COAH  | PIEDRAS NEGRAS | 284225   | 1003102   | 7       |
| COAH  | PIEDRAS NEGRAS | 284225   | 1003102   | 22      |
| COAH  | PIEDRAS NEGRAS | 284111   | 1003258   | 46      |
| COAH  | PIEDRAS NEGRAS | 284225   | 1003102   | 51      |
| COAH  | SABINAS        | 275034   | 1010723   | 5       |
| COAH  | SABINAS        | 275034   | 1010723   | 59      |
| COAH  | SALTILLO       | 252441   | 1010018   | 5       |
| COAH  | SALTILLO       | 252637   | 1005922   | 7       |
| COAH  | SALTILLO       | 252441   | 1010018   | 25      |
| COAH  | SALTILLO       | 252442   | 1010008   | 44      |
| COAH  | SALTILLO       | 252441   | 1010018   | 50      |
| COAH  | TORREÓN        | 253200   | 1032620   | 2       |
| COAH  | TORREÓN        | 253325   | 1032705   | 4       |
| COAH  | TORREÓN        | 253218   | 1032755   | 7       |
| COAH  | TORREÓN        | 253325   | 1032705   | 9       |



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| <b>Mexican NTSC Television Allotments*</b> |
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| STATE | CITY            | LATITUDE | LONGITUDE | CHANNEL |
|-------|-----------------|----------|-----------|---------|
| COAH  | TORREÓN         | 253325   | 1032705   | 11      |
| NL    | CD. ANÁHUAC     | 271437   | 1000757   | 49      |
| NL    | MONTERREY       | 253759   | 1001351   | 2       |
| NL    | MONTERREY       | 253729   | 1001913   | 4       |
| NL    | MONTERREY       | 253752   | 1001404   | 6       |
| NL    | MONTERREY       | 253729   | 1001913   | 7       |
| NL    | MONTERREY       | 253732   | 1003916   | 10      |
| NL    | MONTERREY       | 253847   | 1001846   | 12      |
| NL    | MONTERREY       | 254011   | 1001826   | 22      |
| NL    | MONTERREY       | 254011   | 1001826   | 28      |
| NL    | MONTERREY       | 253752   | 1001404   | 34      |
| NL    | MONTERREY       | 254011   | 1001826   | 47      |
| NL    | MONTERREY       | 254011   | 1001826   | 53      |
| NL    | SABINAS HIDALGO | 263016   | 1001023   | 32      |
| NL    | SABINAS HIDALGO | 263016   | 1001023   | 64      |
| SON   | AGUA PRIETA     | 293725   | 1083521   | 2       |
| SON   | AGUA PRIETA     | 311957   | 1093110   | 17      |
| SON   | CABORCA         | 304240   | 1120900   | 7       |
| SON   | CABORCA         | 304338   | 1120415   | 21      |
| SON   | CABORCA         | 304338   | 1120415   | 63      |
| SON   | CANANEA         | 305857   | 1101801   | 5       |
| SON   | CANANEA         | 305857   | 1101801   | 26      |
| SON   | CANANEA         | 305838   | 1101823   | 56      |
| SON   | GUAYMAS         | 275630   | 1105418   | 5       |
| SON   | GUAYMAS         | 275630   | 1105416   | 9       |
| SON   | GUAYMAS         | 275516   | 1105354   | 11      |
| SON   | HERMOSILLO      | 290429   | 1105736   | 2       |
| SON   | HERMOSILLO      | 290422   | 1105659   | 4       |
| SON   | HERMOSILLO      | 290429   | 1105737   | 6       |
| SON   | HERMOSILLO      | 290451   | 1105736   | 8       |
| SON   | HERMOSILLO      | 290422   | 1105659   | 10      |
| SON   | HERMOSILLO      | 290521   | 1105802   | 12      |
| SON   | HERMOSILLO      | 290423   | 1105703   | 23      |
| SON   | HERMOSILLO      | 290423   | 1105703   | 29      |
| SON   | HERMOSILLO      | 290429   | 1105736   | 35      |
| SON   | MAGDALENA       | 303745   | 1110342   | 2       |

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| <b>Mexican NTSC Television Allotments*</b> |
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| STATE | CITY                     | LATITUDE | LONGITUDE | CHANNEL |
|-------|--------------------------|----------|-----------|---------|
| SON   | MAGDALENA                | 303745   | 1110342   | 14      |
| SON   | MAGDALENA                | 303759   | 1105838   | 20      |
| SON   | NACO                     | 311953   | 1095705   | 48      |
| SON   | NACO                     | 311953   | 1095705   | 54      |
| SON   | NOGALES                  | 311807   | 1105628   | 2       |
| SON   | NOGALES                  | 311949   | 1105708   | 7       |
| SON   | NOGALES                  | 311807   | 1105628   | 22      |
| SON   | NOGALES                  | 311949   | 1105708   | 38      |
| SON   | NOGALES                  | 311939   | 1105708   | 50      |
| SON   | PUERTO PEÑASCO           | 311809   | 1133257   | 19      |
| SON   | SAN LUIS RIO<br>COLORADO | 322820   | 1144657   | 44      |
| TAMPS | CD. MANTE                | 224433   | 985819    | 5       |
| TAMPS | CD. MANTE                | 224542   | 985738    | 10      |
| TAMPS | CD. VICTORIA             | 234308   | 990849    | 3       |
| TAMPS | CD. VICTORIA             | 234406   | 990751    | 6       |
| TAMPS | CD. VICTORIA             | 234406   | 990751    | 7       |
| TAMPS | CD. VICTORIA             | 234308   | 990849    | 9       |
| TAMPS | CD. VICTORIA             | 234234   | 990751    | 11      |
| TAMPS | CD. VICTORIA             | 234311   | 990843    | 13      |
| TAMPS | CD. VICTORIA             | 234406   | 990751    | 26      |
| TAMPS | LA ROSITA VILLAGRÁN      | 242905   | 992935    | 4       |
| TAMPS | LA ROSITA VILLAGRÁN      | 282125   | 1013950   | 8       |
| TAMPS | MATAMOROS                | 255628   | 975049    | 2       |
| TAMPS | MATAMOROS                | 255636   | 975057    | 7       |
| TAMPS | MATAMOROS                | 255219   | 973011    | 11      |
| TAMPS | MATAMOROS                | 255219   | 973011    | 14      |
| TAMPS | MATAMOROS                | 255217   | 973000    | 26      |
| TAMPS | MATAMOROS                | 255217   | 973000    | 54      |
| TAMPS | NUEVO LAREDO             | 272946   | 993003    | 2       |
| TAMPS | NUEVO LAREDO             | 272641   | 993030    | 11      |
| TAMPS | NUEVO LAREDO             | 272645   | 993027    | 21      |
| TAMPS | NUEVO LAREDO             | 272645   | 993027    | 33      |
| TAMPS | NUEVO LAREDO             | 272839   | 993131    | 45      |
| TAMPS | NUEVO LAREDO             | 272642   | 993030    | 57      |
| TAMPS | REYNOSA                  | 255636   | 975057    | 9       |

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| <b>Mexican NTSC Television Allotments*</b> |
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| <b>STATE</b> | <b>CITY</b>    | <b>LATITUDE</b> | <b>LONGITUDE</b> | <b>CHANNEL</b> |
|--------------|----------------|-----------------|------------------|----------------|
| TAMPS        | REYNOSA        | 260430          | 982000           | 12             |
| TAMPS        | REYNOSA        | 255636          | 975057           | 17             |
| TAMPS        | REYNOSA        | 260436          | 981723           | 36             |
| TAMPS        | RIO BRAVO      | 255850          | 980723           | 42             |
| TAMPS        | SAN FERNANDO   | 245345          | 980730           | 2              |
| TAMPS        | SAN FERNANDO   | 245056          | 980930           | 19             |
| TAMPS        | SAN FERNANDO   | 245358          | 980726           | 25             |
| TAMPS        | SOTO LA MARINA | 234556          | 981230           | 3              |
| TAMPS        | SOTO LA MARINA | 234708          | 981300           | 10             |

\* The allotments specified in the table are subject to modification based on determinations resulting from discussions on a new television agreement that includes DTV technical criteria.

## U.S. NTSC Allotments\*

| <u>State</u> | <u>City</u>      | <u>Latitude</u> | <u>Longitude</u> | <u>Channel</u> |
|--------------|------------------|-----------------|------------------|----------------|
| AZ           | COOLIDGE         | 330011          | 1114026          | 43             |
| AZ           | DOUGLAS          | 312238          | 1093120          | 3              |
| AZ           | FLAGSTAFF        | 345806          | 1113028          | 2              |
| AZ           | FLAGSTAFF        | 350424          | 1113406          | 4              |
| AZ           | FLAGSTAFF        | 351426          | 1113548          | 9              |
| AZ           | FLAGSTAFF        | 345805          | 1113029          | 13             |
| AZ           | FLAGSTAFF        | 344206          | 1120706          | 16             |
| AZ           | GREEN VALLEY     | 322454          | 1104256          | 46             |
| AZ           | HOLBROOK         | 345505          | 1100825          | 11             |
| AZ           | KINGMAN          | 350157          | 1142156          | 6              |
| AZ           | LAKE HAVASU CITY | 343306          | 1141137          | 34             |
| AZ           | MESA             | 332000          | 1120348          | 12             |
| AZ           | NOGALES          | 314218          | 1105526          | 11             |
| AZ           | NOGALES          | 312030          | 1105741          | 16             |
| AZ           | PHOENIX          | 332001          | 1120345          | 3              |
| AZ           | PHOENIX          | 332002          | 1120340          | 5              |
| AZ           | PHOENIX          | 332000          | 1120349          | 8              |
| AZ           | PHOENIX          | 332003          | 1120343          | 10             |
| AZ           | PHOENIX          | 332000          | 1120346          | 15             |
| AZ           | PHOENIX          | 332002          | 1120342          | 21             |
| AZ           | PHOENIX          | 332000          | 1120346          | 33             |
| AZ           | PHOENIX          | 331958          | 1120348          | 39             |
| AZ           | PHOENIX          | 332001          | 1120332          | 45             |
| AZ           | PHOENIX          | 332001          | 1120344          | 61             |
| AZ           | PRESCOTT         | 344115          | 1120701          | 7              |
| AZ           | SIERRA VISTA     | 313359          | 1101357          | 58             |
| AZ           | TOLLESON         | 332005          | 1120340          | 51             |
| AZ           | TUCSON           | 322456          | 1104249          | 4              |
| AZ           | TUCSON           | 322455          | 1104254          | 6              |
| AZ           | TUCSON           | 322454          | 1104259          | 9              |
| AZ           | TUCSON           | 321456          | 1110658          | 13             |
| AZ           | TUCSON           | 321455          | 1110657          | 18             |
| AZ           | TUCSON           | 321253          | 1110021          | 27             |
| AZ           | TUCSON           | 321455          | 1110657          | 40             |
| AZ           | YUMA             | 330310          | 1144940          | 11             |
| AZ           | YUMA             | 330317          | 1144934          | 13             |
| CA           | ANAHEIM          | 341114          | 1174201          | 56             |
| CA           | AVALON           | 332100          | 1182105          | 54             |
| CA           | BARSTOW          | 343634          | 1171711          | 64             |
| CA           | CALIPATRIA       | 330319          | 1144939          | 54             |
| CA           | CORONA           | 341327          | 1180345          | 52             |
| CA           | EL CENTRO        | 330306          | 1144941          | 7              |
| CA           | EL CENTRO        | 330319          | 1144939          | 9              |
| CA           | HUNTINGTON BEACH | 335819          | 1175657          | 50             |

## U.S. NTSC Allotments\*

| <u>State</u> | <u>City</u>         | <u>Latitude</u> | <u>Longitude</u> | <u>Channel</u> |
|--------------|---------------------|-----------------|------------------|----------------|
| CA           | LOS ANGELES         | 341357          | 1180418          | 2              |
| CA           | LOS ANGELES         | 341332          | 1180352          | 4              |
| CA           | LOS ANGELES         | 341336          | 1180356          | 5              |
| CA           | LOS ANGELES         | 341337          | 1180358          | 7              |
| CA           | LOS ANGELES         | 341338          | 1180400          | 9              |
| CA           | LOS ANGELES         | 341329          | 1180347          | 11             |
| CA           | LOS ANGELES         | 341342          | 1180402          | 13             |
| CA           | LOS ANGELES         | 341336          | 1180359          | 22             |
| CA           | LOS ANGELES         | 341326          | 1180344          | 28             |
| CA           | LOS ANGELES         | 341335          | 1180356          | 34             |
| CA           | LOS ANGELES         | 341326          | 1180345          | 58             |
| CA           | LOS ANGELES         | 341336          | 1180359          | 68             |
| CA           | ONTARIO             | 341337          | 1180358          | 46             |
| CA           | OXNARD              | 341951          | 1190122          | 63             |
| CA           | PALM SPRINGS        | 335200          | 1162556          | 36             |
| CA           | PALM SPRINGS        | 333855          | 1163334          | 42             |
| CA           | RANCHO PALOS VERDES | 332100          | 1182105          | 44             |
| CA           | RIVERSIDE           | 341116          | 1174155          | 62             |
| CA           | SAN BERNARDINO      | 341115          | 1174154          | 18             |
| CA           | SAN BERNARDINO      | 335757          | 1171705          | 24             |
| CA           | SAN BERNARDINO      | 341115          | 1174158          | 30             |
| CA           | SAN DIEGO           | 325017          | 1171456          | 8              |
| CA           | SAN DIEGO           | 325020          | 1171456          | 10             |
| CA           | SAN DIEGO           | 324147          | 1165607          | 15             |
| CA           | SAN DIEGO           | 324148          | 1165606          | 39             |
| CA           | SAN DIEGO           | 324152          | 1165602          | 51             |
| CA           | SAN DIEGO           | 324147          | 1165607          | 69             |
| CA           | SANTA ANA           | 341327          | 1180344          | 40             |
| CA           | SANTA BARBARA       | 343132          | 1195728          | 3              |
| CA           | SANTA MARIA         | 345437          | 1201108          | 12             |
| CA           | TWENTYNINE PALMS    | 340915          | 1161150          | 31             |
| CA           | VENTURA             | 341951          | 1190122          | 57             |
| NM           | ALBUQUERQUE         | 351242          | 1062657          | 4              |
| NM           | ALBUQUERQUE         | 351244          | 1062657          | 5              |
| NM           | ALBUQUERQUE         | 351253          | 1062701          | 7              |
| NM           | ALBUQUERQUE         | 351240          | 1062657          | 13             |
| NM           | CARLSBAD            | 324739          | 1041227          | 6              |
| NM           | CARLSBAD            | 323422          | 1040532          | 25             |
| NM           | CLOVIS              | 341134          | 1031644          | 12             |
| NM           | HOBBS               | 324328          | 1030546          | 29             |
| NM           | LAS CRUCES          | 321524          | 1065834          | 22             |
| NM           | LAS CRUCES          | 320230          | 1062741          | 48             |
| NM           | PORTALES            | 333319          | 1033903          | 3              |
| NM           | ROSWELL             | 332232          | 1034605          | 8              |

## U.S. NTSC Allotments\*

| <u>State</u> | <u>City</u>    | <u>Latitude</u> | <u>Longitude</u> | <u>Channel</u> |
|--------------|----------------|-----------------|------------------|----------------|
| NM           | ROSWELL        | 330320          | 1034912          | 10             |
| NM           | ROSWELL        | 332356          | 1042245          | 21             |
| NM           | ROSWELL        | 332458          | 1043359          | 27             |
| NM           | SANTA FE       | 351255          | 1062702          | 2              |
| NM           | SILVER CITY    | 325146          | 1081426          | 6              |
| NM           | SILVER CITY    | 325146          | 1081428          | 10             |
| NV           | HENDERSON      | 360026          | 1150023          | 5              |
| NV           | LAS VEGAS      | 360030          | 1150020          | 3              |
| NV           | LAS VEGAS      | 355644          | 1150233          | 8              |
| NV           | LAS VEGAS      | 360027          | 1150024          | 10             |
| NV           | LAS VEGAS      | 355643          | 1150232          | 13             |
| TX           | ABILENE        | 321713          | 994420           | 9              |
| TX           | AUSTIN         | 301836          | 974733           | 7              |
| TX           | AUSTIN         | 301920          | 974810           | 18             |
| TX           | AUSTIN         | 301920          | 974810           | 24             |
| TX           | AUSTIN         | 301933          | 974758           | 36             |
| TX           | AUSTIN         | 301910          | 974806           | 42             |
| TX           | AUSTIN         | 301933          | 974758           | 54             |
| TX           | BIG SPRING     | 321514          | 1012644          | 4              |
| TX           | BIG SPRING     | 320552          | 1014527          | 14             |
| TX           | BLANCO         | 300832          | 981710           | 52             |
| TX           | BROWNSVILLE    | 260559          | 975016           | 23             |
| TX           | CORPUS CHRISTI | 273929          | 973604           | 3              |
| TX           | CORPUS CHRISTI | 274428          | 973608           | 6              |
| TX           | CORPUS CHRISTI | 274650          | 973803           | 10             |
| TX           | CORPUS CHRISTI | 273912          | 973355           | 16             |
| TX           | CORPUS CHRISTI | 274511          | 973814           | 28             |
| TX           | DEL RIO        | 292039          | 1005139          | 10             |
| TX           | DEL RIO        | 292054          | 1005219          | 24             |
| TX           | EAGLE PASS     | 284332          | 1002835          | 16             |
| TX           | EL PASO        | 314746          | 1062857          | 4              |
| TX           | EL PASO        | 314715          | 1062847          | 7              |
| TX           | EL PASO        | 314818          | 1062857          | 9              |
| TX           | EL PASO        | 314715          | 1062847          | 13             |
| TX           | EL PASO        | 314855          | 1062920          | 14             |
| TX           | EL PASO        | 314746          | 1062857          | 26             |
| TX           | EL PASO        | 314855          | 1062917          | 38             |
| TX           | EL PASO        | 314855          | 1062917          | 65             |
| TX           | FREDERICKSBURG | 301757          | 985616           | 2              |
| TX           | HARLINGEN      | 260855          | 974917           | 4              |
| TX           | HARLINGEN      | 261300          | 974648           | 44             |
| TX           | HARLINGEN      | 260714          | 974918           | 60             |
| TX           | KERRVILLE      | 293637          | 985335           | 35             |

## U.S. NTSC Allotments\*

| <u>State</u> | <u>City</u>     | <u>Latitude</u> | <u>Longitude</u> | <u>Channel</u> |
|--------------|-----------------|-----------------|------------------|----------------|
| TX           | LAREDO          | 274021          | 993951           | 8              |
| TX           | LAREDO          | 273114          | 993119           | 13             |
| TX           | LAREDO          | 273003          | 993037           | 27             |
| TX           | LAREDO          | 273113          | 993120           | 39             |
| TX           | LLANO           | 304036          | 983359           | 14             |
| TX           | MCALLEN         | 260520          | 980344           | 48             |
| TX           | MIDLAND         | 320514          | 1021712          | 2              |
| TX           | MIDLAND         | 315448          | 1020238          | 18             |
| TX           | ODESSA          | 315150          | 1023441          | 7              |
| TX           | ODESSA          | 315917          | 1025159          | 9              |
| TX           | ODESSA          | 320551          | 1021721          | 24             |
| TX           | ODESSA          | 315150          | 1023441          | 30             |
| TX           | ODESSA          | 315159          | 1022250          | 36             |
| TX           | ODESSA          | 320253          | 1021744          | 42             |
| TX           | RIO GRANDE CITY | 262547          | 984925           | 40             |
| TX           | SAN ANGELO      | 313722          | 1002614          | 3              |
| TX           | SAN ANGELO      | 313521          | 1003100          | 6              |
| TX           | SAN ANGELO      | 312201          | 1000248          | 8              |
| TX           | SAN ANGELO      | 313522          | 1003101          | 21             |
| TX           | SAN ANTONIO     | 291610          | 981555           | 4              |
| TX           | SAN ANTONIO     | 291607          | 981555           | 5              |
| TX           | SAN ANTONIO     | 291933          | 982125           | 9              |
| TX           | SAN ANTONIO     | 291611          | 981531           | 12             |
| TX           | SAN ANTONIO     | 293125          | 984325           | 23             |
| TX           | SAN ANTONIO     | 291727          | 981612           | 29             |
| TX           | SAN ANTONIO     | 291739          | 981530           | 41             |
| TX           | SAN ANTONIO     | 291739          | 981530           | 60             |
| TX           | SWEETWATER      | 322448          | 1000625          | 12             |
| TX           | UVALDE          | 285834          | 993528           | 26             |
| TX           | VICTORIA        | 284641          | 965738           | 19             |
| TX           | VICTORIA        | 284806          | 963309           | 25             |
| TX           | WESLACO         | 260954          | 974845           | 5              |

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