

APPENDIX A

Agreements Categorized by Frequency

Canadian Frequencies

**Frequency Bands Subject to
U.S./ Canada Bilateral Agreements, Arrangements and Letters**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Bilateral Data Exchange
Low	High						
0.535 (535 kHz)	1.605 (1605 kHz)	AM Radio Broadcasting Agreement	17-Jan-84	17-Jan-84	Entire Country/Equal Access	Coordinate AM assignments to avoid interference.	Notification is on a case by case basis. Data reviewed every 5-year period.
1.605 (1605 kHz)	1.705 (1705 kHz)	AM Radio Interim Working Arrangement	28-Feb-91	28-Feb-91	500 km on either side of the common border/ Reciprocal Access	Coordinate AM expanded band assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required at this time
30.000	and above	Above 30 MHz Agreement	24-Oct-62	24-Oct-62 24-Jun-65 (amended)	Distance can vary depending on band and Arrangement. Generally, Lines A & B used.	Coordination and use of non-broadcast and non-satellite spectrum allocations. All arrangements and letters listed below for applicable services are associated with and subject to this framework document.	As required by pertinent arrangement associated with Agreement.
54.000	72.000	Covered under UHF and VHF TV Broadcasting Agreement	3-Nov-93	5-Jan-94	400 km on either side of the common border/ Equal Access	Coordinate TV broadcasting service assignments in the border area to avoid interference.	Notification is on a case by case basis. At the end of each calendar quarter, Administrations shall exchange a list of all accepted notifications made during that three-month period. Each year both Administrations shall exchange, verify, and reconcile the complete notifications in that year period.
76.000	88.000	Covered under UHF and VHF TV Broadcasting Agreement	3-Nov-93	5-Jan-94	400 km on either side of the common border/ Equal Access	Coordinate TV broadcasting service assignments in the border area to avoid interference.	At the end of each calendar quarter, Administrations shall exchange a list of all accepted notifications made during that three-month period. Each year both Administrations shall exchange, verify, and reconcile the complete notifications in that year period.
88.000	108.000	FM Broadcasting Agreement	26-Nov-90	25-Feb-91	320 km on either side of the common border/ Equal Access	Coordinate FM allotments and assignments in the border area.	At the end of each calendar quarter, Administrations shall exchange a list of all accepted notifications made during that three-month period. Each year both Administrations shall exchange, verify, and reconcile the complete notifications in that year period
136.500	137.000	Aeronautical Mobile (R) Service Arrangement	1-Nov-91	15-Jan-92	From 50 to 600 nautical miles depending on the type of station.	Assigns priority channel use for the band with appropriate conditional requirements.	Arrangement subject to review after 15-Jan-97.
174.000	216.000	Covered under UHF and VHF TV Broadcasting Agreement	3-Nov-93	5-Jan-94	400 km on either side of the common border/ Equal Access	Coordinate TV broadcasting service assignments in the border area to avoid interference.	Notification is on a case by case basis. At the end of each calendar quarter, Administrations shall exchange a list of all accepted notifications made during that three-month period. Each year both Administrations shall exchange, verify, and reconcile the complete notifications in that year period.
454.000	459.000	UHF Public Air/Ground	24-Jun-71	24-Jun-71	966 km on either side of the common border/ 12 paired	Max ERP 100 watts for U.S. stations and 40 watts for Canadian stations.	No periodic data exchange required

**Frequency Bands Subject to
U.S./ Canada Bilateral Agreements, Arrangements and Letters**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Bilateral Data Exchange
Low	High						
		Radio Channel Assignment Letters			channels.		
470.000	806.000	Covered under UHF and VHF TV Broadcasting Agreement	3-Nov-93	5-Jan-94	400 km on either side of the common border/ Equal Access	Coordinate TV broadcasting service assignments in the border area to avoid interference.	Notification is on a case by case basis. At the end of each calendar quarter, Administrations shall exchange a list of all accepted notifications made during that three-month period. Each year both Administrations shall exchange, verify, and
806.000	890.000	Land Mobile Radio Services Arrangement	7-Apr-82	7-Apr-82	For the Bands 806-821 and 851-866 MHz: 140 km on either side of the common border/ Equal Access except in the specific sharing zones and protected zones. The primary channel rules apply based on the channel location. Bands 821-851 and 866-890 MHz Equal Access/ specific usage criteria deferred.	Within each zone area, the Agencies may use their allotted portions of spectrum subject to the ERP and EAH limits as specified in the Annex A.	No periodic review of data required.
806.000	890.000	Land Mobile - Canadian Use Letters (Special Coordination)	11-Apr-86	11-Apr-86	140 km on either side of the common border/ Private use for six channels.	U.S. use on six frequencies originally allocated to Canada, east of 81 degrees longitude. Max ERP 125 watts for the base stations.	No periodic review of data required.
806.000	890.000	Land Mobile - Sharing Letters (Special Coordination)	15-Oct-86	27-Jan-87	140 km on either side of the common border/ Special request.	Canadian request for using U.S. sharing zone frequency. Request granted as secondary, non-interference base to existing and future U.S. assignments.	No periodic review of data required.
821.000	824.000	Land Mobile Services Interim Arrangement	17-Sep-90	17-Sep-90	140 km on either side of the common border/Channel divided by three sharing zones, two protection zones, and special sharing zones with agreed unequal division.	Unrestricted use allowed on Administration's primary channels; secondary use allowed on other Administration's channels if pfd of 107 dBW/m2 is not exceed at the border.	No data exchange required.
821.000	851.000	Coordination of Cellular Systems Letters of Understanding	12-Jun-85	12-Jun-85	Equal Access on all channels Coordination among operators Notification of private operator arrangements to FCC and IC. Cell sites within 72 km of	Except for agreement between Agencies 35 dBuV/m is not to extend beyond border.	Interoperator arrangements require notification. Cell sites within 72 km of border are notified. No scheduled review of databases mandated.

**Frequency Bands Subject to
U.S./ Canada Bilateral Agreements, Arrangements and Letters**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Bilateral Data Exchange
Low	High						
					border require notification.		
824.000	825.000	Cellular Radio Systems (Addition to 12-Jun-85 L.O.U.)	8-Jan-90	8-Jan-90	72 km on either side of the common border/ Equal Access	Licenses to make adjustments to eliminate interference to other operations services.	Administrations required to provide technical data on systems within border zone. Notification is on a case by case basis. No scheduled review of databases mandated.
845.000	849.000	Cellular Radio Systems (Addition to 12-Jun-85 L.O.U.)	8-Jan-90	8-Jan-90	72 km on either side of the common border/ Equal Access	Licenses to make adjustments to eliminate interference to other operations services.	Administrations required to provide technical data on systems within border zone. Notification is on a case by case basis. No scheduled review of databases mandated.
849.000	851.000	Air/Ground Radio Interim Arrangement	28-Aug-92	31-Aug-92	885 km on either side of the common border/Channels divided into 10 blocks as specific in the Appendix A. Fully available to both countries	Max ERP 30 watts (air). 100 watts (ground); low power 1 watt ERP and ground station for radio service to aircraft on the ground has 480 km coordination distance.	Sites not already specified require individual coordination. No regular update schedule specified.
866.000	890.000	Coordination of Cellular Systems Letters of Understanding	12-Jun-85	12-Jun-85	Equal Access on all channels Coordination among operators Notification of private operator arrangements to FCC and IC. Cell sites within 72 km of border require notification	Except for agreement between Agencies 35 dBuV/m is not to extend beyond border.	Interoperator arrangements require notification. Cell sites within 72 km of border are notified. No scheduled review of databases mandated.
866.000	869.000	Land Mobile Services Interim Arrangement	17-Sep-90	17-Sep-90	140 km on either side of the common border/Channel divided by three sharing zones, two protection zones, and special sharing zones with agreed unequal division.	Unrestricted use allowed on Administration's primary channels; secondary use allowed on other Administration's channels if pfd of 107 dBW/m2 is not exceed at the border.	No data exchange required.
869.000	870.000	Cellular Radio Systems (Addition to 12-Jun-85 L.O.U.)	8-Jan-90	8-Jan-90	72 km on either side of the common border/ Equal Access	Licenses to make adjustments to eliminate interference to other operations services.	Administrations required to provide technical data on systems within border zone. Notification is on a case by case basis. No scheduled review of databases mandated.
890.000	894.000	Cellular Radio Systems (Addition to 12-Jun-85 L.O.U.)	8-Jan-90	8-Jan-90	72 km on either side of the common border/ Equal Access	Licenses to make adjustments to eliminate interference to other operations services.	Administrations required to provide technical data on systems within border zone. Notification is on a case by case basis. No scheduled review of databases mandated.
894.000	896.000	Air/Ground Radio Interim Arrangement	28-Aug-92	31-Aug-92	885 km on either side of the common border/Channels divided into 10 blocks as specific in the Appendix A. Fully available to both countries.	Max ERP 30 watts (air). 100 watts (ground); low power 1 watt ERP and ground station for radio service to aircraft on the ground has 480 km coordination distance.	Sites not already specified require individual coordination. No regular update schedule specified.

**Frequency Bands Subject to
U.S./ Canada Bilateral Agreements, Arrangements and Letters**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Bilateral Data Exchange
Low	High						
896.000	901.000	Land Mobile Services Interim Arrangement	15-Aug-90	17-Sep-90	140 km on either side of the common border/ Channel divided by specific sharing zone and protection zone arrangements outside of the designated Advanced Train Control System (ATCS) channels.	Arrange sharing plans to adjust particular demographic circumstances for land mobile services to avoid interference.	Notification is on a case by case basis. Each Administration shall exchange assigned frequencies every three months.
901.000	902.000	Narrowband PCS - Interim Arrangement	22-Sep-94	22-Sep-94	120 km on either side of the common border/ a priori 50% -50% channel division: 24 channels for each country, 30 paired channels and 18 unpaired channels.	All stations are limited to 7 watts ERP.	No data exchange required
928.000	929.000	Point-to-Multipoint Services Interim Arrangement	7-Aug-91	2-Sep-91	145 km separation to existing master stations. Frequency divided into three groups and with primary assignment rules.	Allotment plan for equitable distribution of channels; unprotected use of other Administration's channels allowed if pfd of -100 dBw/m2 is not exceeded at the border.	No data exchange required.
929.000	930.000	Paging - Interim Arrangement	14-Sep-83 (amended)	14-Sep-83 (amended)	Lines A & B use restrictions at common border/ A priori channel divisions.	Administrations have full use of their allotted channels. Special coordinations performed for operators with cross border partners to permit use of other Admin's channel.	No requirement for periodic updated data exchange
930.000	931.000	Narrowband PCS - Interim Arrangement	22-Sep-94	22-Sep-94	120 km on either side of the common border/ a priori 50% -50% channel division: 24 channels for each country, 30 paired channels and 18 unpaired channels.	Base stations are limited to 3,500 watts ERP Mobile stations are limited to 7 watts ERP.	No requirement for periodic updated data exchange
931.000	932.000	Paging - Interim Arrangement	14-Sep-83 (amended)	14-Sep-83 (amended)	Lines A & B restrictions at common border/ A priori channel divisions.	Administrations have full use of their allotted channels. Special coordinations performed for operators with cross border partners to permit use of other Admin's channel.	No requirement for periodic updated data exchange
932.000	935.000	Point-to-point and Point-to-Multipoint Fixed	19-Sep-94	19-Sep-94	932.5-935 MHz/ Equal Access. using terms of Arrangement A 932-932.5 MHz a priori channel	Unrestricted use allowed on Administration's primary channels; unprotected use allowed on other	No requirement for periodic updated data exchange

**Frequency Bands Subject to
U.S./ Canada Bilateral Agreements, Arrangements and Letters**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Bilateral Data Exchange
Low	High						
		Services Interim Arrangement			division for point to multipoint.	Administration's channels if pfd of -100 dBW/m2 is not exceeded at the border.(for 932-932.5 MHz segment)	
935.000	940.000	Land Mobile Services Interim Arrangement	15-Aug-90	17-Sep-90	140 km on either side of the common border/ Channel divided by specific sharing sectors and sharing and protection zone ERP & EAH limits. Also protection to designated Advanced Train Control System (ATCS) channels.	Flexible sharing plans to adjust particular demographic circumstances for land mobile services to avoid interference.	Notification is on a case by case basis. Each Administration shall exchange assigned frequencies every three months.
940.000	941.000	Narrowband PCS - Interim Arrangement	22-Sep-94	22-Sep-94	120 km on either side of the common border/ a priori 50% -50% channel division: 24 channels for each country, 30 paired channels and 18 unpaired channels.	Base stations are limited to 3,500 watts ERP Mobile stations are limited to 7 watts ERP.	No requirement for periodic updated data exchange
941.000	944.000	Point-to-Point Point-to-Multipoint Fixed Services Interim Arrangement	19-Sep-94	19-Sep-94	941.5-944 MHz/ Equal Access. using terms of Arrangement A/ 941-941.5 MHz a priori channel division for point to multipoint.	Unrestricted use allowed on Administration's primary channels; unprotected use allowed on other Administration's channels if pfd of -100 dBW/m2 is not exceeded at the border.(for 941-941.5 MHz segment)	No requirement for periodic updated data exchange
952.000	953.000	Point-to-Multipoint Services Interim Arrangement	7-Aug-91	2-Sep-91	145 km separation to existing master stations. Frequency divided into three groups and with primary assignment rules.	Allotment plan for equitable distribution of channels; unprotected use of other Administration's channels allowed if pfd of -100 dBw/m2 is not exceeded at the border.	No requirement for periodic updated data exchange
1452.000	1492.000	Canadian Terrestrial Digital Radio Broadcast Services (T-DRB) and U.S. Aeronautical Telemetry	1-Sep-98	1-Sep-98	Limitations on operations in border areas as specified in the Agreement.	Sharing spectrum along the common border.	No requirement for periodic updated data exchange
1850.000 (1.85 GHz)	1990.000 (2 GHz)	Broadband PCS - Interim Arrangement	14-Nov-94	14-Nov-94	120 km on either side of the common border/ Equal Access.	Coordinate all PCS vis a vis any existing fixed microwave operators. PCS operators to reach mutually acceptable cross border operating conditions with each other.	Due to its early stage, 2 GHz PCS operation has only begun to operate in either country, this arrangement to be reviewed in the near future to assess the need for further adjustment to the arrangement.

**Frequency Bands Subject to
U.S./ Canada Bilateral Agreements, Arrangements and Letters**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Bilateral Data Exchange
Low	High						
2320.000 (2.32 GHz)	2345.000 (2.345 GHz)	U.S. Satellite Digital Audio Radio Service and Canadian Fixed and Mobile Aeronautical Telemetry Services.	1-Sep-98	1-Sep-98	Limitations on operations in border areas as specified in the Agreement.	Sharing spectrum along the common border.	No requirement for periodic updated data exchange
2500.000 (2.5 GHz)	2686.000 (2.686 GHz)	Multipoint Distribution Services (MDS) - Interim Agreement. Digital MDS Understanding	23-Mar-89 19-Dec-97	23-Mar-89 19-Dec-97	80 km on either side of the common border/ Access 31 channels by both administrations.	Comply with technical requirements to skip coordination step. Only notification of the use of the assignment is required. Detailed technical parameters are listed in the arrangement.	Data to be reviewed in every 2 years.
17700.000 (17.7 GHz)	17800.000 (17.8 GHz)	Fixed Services/ BSS	29-Feb-92	29-Feb-92	Entire country/Equal Access	Maximum aggregated power flux density is -109 dBW/m ² at the border. The BSS will not be implemented before 1/1/2007, except by mutual agreement.	No data exchange required at this time.
17700.000 (17.7 GHz)	19700.000 (19.7 GHz)	Fixed and Mobile Stations Interim Arrangement.	8-Jul-95	8-Jul-95	55 km on either side of the common border/ Equal Access.	Coordinate prior to licensing stations in the fixed and mobile services.	Notification is on a case by case basis.
21200.000 (21.2 GHz)	23600.000 (23.6 GHz)	Fixed and Mobile Stations Interim Arrangement.	8-Jul-95	8-Jul-95	55 km on either side of the common border/ Equal Access.	Coordinate prior to licensing stations in the fixed and mobile services.	Notification is on a case by case basis.

Mexican Frequencies

Frequency Bands Subject to U. S. / Mexico Bilateral Agreements

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Data Exchange
Low	High						
0.535 (535 KHz)	1.605 (1605 KHz)	AM	28-Aug-86	27-Apr-87	Entire Country/Equal Access	Coordinate AM assignments to avoid interference.	Notification is on a case by case basis. No periodic review required
1.605 (1605 KHz)	1.705 (1705 KHz)	AM (Expanded)	11-Aug-92	30-May-95	450 km on either side of the common border/ Reciprocal Access	Coordinate AM expanded band assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
54.000	72.000	VHF-TV (NTSC)	18-Apr-62	18-Apr-62	400 km on either side of the common border/Equal Access	Coordinate VHF-TV expanded band assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
54.000	72.000	LPTV-VHF(NTSC)	14-Sep-88	26-Sept-88	400 km on either side of the common border/Equal Access	Coordinate low power VHF-TV assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
76.000	88.000	VHF-TV (NTSC)	18-Apr-62	18-Apr-62	400 km on either side of the common border/Equal Access	Coordinate VHF-TV expanded band assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
76.000	88.000	LPTV-VHF(NTSC)	14-Sep-88	26-Sept-88	400 km on either side of the common border/Equal Access	Coordinate low power VHF-TV assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
88.000	108.000	FM	11-Aug-92	2-June-95	320 km on either side of the common border/Equal Access	Coordinate FM expanded band assignments in the border area to avoid interference.	By 3/31 of each year, Administrations shall exchange a list of all accepted notifications made during the previous calendar year and verify within 60 days. Semi-annually. Administrations shall exchange lists of notifications in that six months period.
108.000	118.000	Protocol 9 Aeronautical Radionavigation and Communications	26-Apr-96	26-Apr-96	No specified distance. Coordination required to avoid harmful interference.	Establishes procedures for coordination of frequencies and sets conditions for use. Attempts to provide equal access to all frequencies without any apriori channel plans. The bands noted here are jointly coordinated by the FCC and FAA. The protocol also lists eight bands administered solely by the FAA and four bands for which no coordination is required at this time.	In June of each year recapitulative lists of assignments are to be exchanged. The FAA will serve as intermediary for the FCC in the submission of the U.S. annual list.
118.000	137.000						
138.000	174.000	Firefighting, emergency, and disaster relief.	9-Dec-99	9-Dec-99	Procedures are specified in the Understanding for resolving interference problems.	Reserves 26 specific frequencies in border area for firefighting and other emergency and disaster relief operations.	Each year during 1st trimester, monitoring and coordination activities to ensure non-interference.

Frequency Bands Subject to U. S. / Mexico Bilateral Agreements

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Data Exchange
Low	High						
174.000	216.000	VHF-TV (NTSC)	18-Apr-62	18-Apr-62	400 km on either side of the common border/Equal Access	Coordinate VHF-TV expanded band assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
174.000	216.000	LPTV-VHF(NTSC)	14-Sep-88	26-Sept-88	400 km on either side of the common border/Equal Access	Coordinate low power VHF-TV assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
220.000	222.000	Protocol 1 Land Mobile (SMRS)	16-Jun-94	2-Jun-95	120 km on either side of the common border/ a priori 50% - 50% channel division	Unlimited use allowed on administration's primary channels; secondary use allowed on other Administration's channels if pfd of .86 dBW/m2 is not exceeded at the border.	In May of each year, summary lists of assignments are to be exchanged.
470.000	512.000	Protocol 2 Land Mobile (UHF-TV channels 14 - 20), offshore Radio Telecom- Services.	16-Jun-94	2-Jun-95	150 km on either side of the common border - near the cosas may require greater distance on a case by case basis/ Access as needed but only after coordination for full protection to TV stations.	Permits use of Offshore Radio Telecommunications operations while fully protecting UHF - TV stations.	Notification is on a case by case basis. No periodic review required.
470.000	806.000	UHF-TV (NTSC)	18-Jun-82	17-Jan-83	320 km on either side of the common border/Equal Access	Coordinate UHF-TV expanded band assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
470.000	806.000	LPTV-UHF(NTSC)	21-Nov-88	21-Nov-88	320 km on either side of the common border/Equal Access	Coordinate low power UHF-TV assignments in the border area to avoid interference.	Notification is on a case by case basis. No periodic review required
		DTV MoU	22-Jul-98	22-Jul-98	275 km on either side of the common border/Equal Access		
806.000	824.000	Protocol 3 Land Mobile (Public Safety SMRS, et al)	16-Jun-94	2-Jun-95	110 km on either side of the common border/ Channels divided evenly as specified in Appendices.	Equally divided band Allotment Plan, unrestricted use allowed on Administration's primary channels; secondary use allowed on other Administration's channels if pfd of 107 dBW/m2 is not exceeded at the border.	No data exchange required.
824.000	849.000	Protocol 4 Public	16-Jun-94	2-Jun-95	72 km on either side of the common border/ Equal Access	Licensees to make adjustments to eliminate interference to other operations	Administrations required to provide technical data on systems within border zone.

**Frequency Bands Subject to
U. S. / Mexico Bilateral Agreements**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Data Exchange
Low	High						
		Radiocom (Cellular)			- no channel plan dividing spectrum.	servcies. Protected contour for base station is 39 dBw.	
849.000	851.000	Protocol 5 Public Air to Ground Radio Service	16-Jun-94	2-Jun-95	885 km on either side of the common border/ Each specific site is coordinated and assigned a channel block	Max ERP 30 watts (air). 100 watts (ground); Low power 1 watt ERP ground station for radio service to aircraft while on the ground has 480 km	Sites not already specified require individual coordination. No regular update schedule specified.
851.000	869.000	Protocol 3 Land Mobile (Public Safety SMRS, et al)	16-Jun-94	2-Jun-95	110 km on either side of the common border/ Channels divided evenly as specified in Appendices.	Equally divided band Allotment Plan, unrestricted use allowed on Administration's primary channels; secondary use allowed on other Administration's channels if pfd of 107 dBW/m2 is not exceeded at the border.	No data exchange required.
869.000	894.000	Protocol 4 Public Radiocom (Cellular)	16-Jun-94	2-Jun-95	72 km on either side of the common border/ Equal Access - no channel plan dividing spectrum	Licensees to make adjustments to eliminate interference to other operations servcies. Protected contour for base station is 39 dBw.	Administrations required to provide technical data on systems within border zone.
894.000	896.000	Protocol 5 Public Air to Ground Radio Service	16-Jun-94	2-Jun-95	885 km on either side of the common border/ Each specific site is coordinated and assigned a channel block	Max ERP 30 watts (air). 100 watts (ground); Low power 1 watt ERP ground station for radio service to aircraft while on the ground has 480 km coordination distance.	Sites not already specified require individual coordination. No regular update schedule specified.
896.000	901.000	Protocol 3 Land Mobile (Public Safety SMRS, et al)	16-Jun-94	2-Jun-95	110 km on either side of the common border/ Channels divided evenly as specified in Appendices.	Equally divided band Allotment Plan, unrestricted use allowed on Administration's primary channels; secondary use allowed on other Administration's channels if pfd of 107 dBW/m2 is not exceeded at the border.	No data exchange required.
901.000	902.000	Protocol 8 for Narrowband PCS (Mobile)	16-May-95	16-May-95	120 km on either side of the common border/ a priori 50% - 50% channel division; 15 paired channels, 9 unpaired channels per Administration	Secondary use of other Administration's channels allowed if pfd of - 99 dBW/m2 is not exceeded at the border and primary user is fully protected. Max ERP 7 watts (mobile), 3.5 kW (base) with an HAAT adjustment.	No regularly scheduled exchange required; where operators agree to share a channel, such arrangements are to be submitted to the Administrations for review with Administration's response within 60 days of receipt.

Frequency Bands Subject to U. S. / Mexico Bilateral Agreements

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Data Exchange
Low	High						
929.000	930.000	Protocol 10 Paging Services	27-Feb-97	27-Feb-97	120 km on either side of the common border. Different channel plans for 929 and for 931 operations. Frequencies/Areas designated for U.S., Mexico, or shared use.	Establish common plans for the use of these paging bands and specify technical criteria for their use.	In May of each year recapitulative lists of assignments are to be exchanged.
930.000	931.000	Protocol 8 for Narrowband PCS (Base)	16-May-95	16-May-95	120 km on either side of the common border/ a priori 50% - 50% channel division; 15 paired channels, 9 unpaired channels per Administration	Secondary use of other Administration's channels allowed if pfd of - 99 dBW/m ² is not exceeded at the border and primary user is fully protected. Max ERP 7 watts (mobile), 3.5 kW (base) with an HAAT adjustment.	No regularly scheduled exchange required; where operators agree to share a channel, such arrangements are to be submitted to the Administrations for review with Administration's response within 60 days of receipt.
931.000	932.000	Protocol 10 Paging Services	27-Feb-97	27-Feb-97	120 km on either side of the common border. Different channel plans for 929 and for 931 operations. Frequencies/Areas designated for U.S., Mexico, or shared use.	Establish common plans for the use of these paging bands and specify technical criteria for their use.	In May of each year recapitulative lists of assignments are to be exchanged.
932.000	932.500	Protocol 6 Fixed Point to multipoint	16-Jun-94	2-Jun-95	113 km on either side of the common border/ a priori 50% - 50% channel division	Allotment plan for equitable distribution of channels; Secondary use of other Administration's channels if pfd of - 100 dBW/m ² is not exceeded at the border.	Summary lists are to be exchanged in October of each year.
932.500	935.000	Protocol 8 Fixed Point to Point	26-Apr-96	26-Apr-96	60 km on either side of the common border with channel pairs designated for assigned use.	Establishes a common plan for the equitable use of the bands for fixed point to point operations.	In October of each year recapitulative lists of assignments are to be exchanged. By April 26, 1998 the protocol will be jointly reviewed to develop a new protocol. It will terminate on April 26, 1999 if it has not been replaced or extended.
935.000	940.000	Protocol 3 Land Mobile (Public Safety SMRS, et al)	16-Jun-94	2-Jun-95	110 km on either side of the common border/ Channels divided evenly as specified in Appendices.	Equally divided band Allotment Plan, unrestricted use allowed on Administration's primary channels; secondary use allowed on other Administration's channels if pfd of 107 dBW/m ² is not exceeded at the border.	No data exchange required.
940.000	941.000	Protocol 8 for Narrowband PCS (Base)	16-May-95	16-May-95	120 km on either side of the common border/ a priori 50% - 50% channel division; 15 paired channels, 9 unpaired channels per Administration	Secondary use of other Administration's channels allowed if pfd of - 99 dBW/m ² is not exceeded at the border and primary user is fully protected. Max ERP 7 watts (mobile), 3.5 kW (base) with an HAAT adjustment.	No regularly scheduled exchange required; where operators agree to share a channel, such arrangements are to be submitted to the Administrations for review with Administration's response within 60 days of receipt.

**Frequency Bands Subject to
U. S. / Mexico Bilateral Agreements**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Data Exchange
Low	High						
941.000	941.500	Protocol 6 Fixed Point to multipoint	16-Jun-94	2-Jun-95	113 km on either side of the common border/ a priori 50% - 50% channel division	Allotment plan for equitable distribution of channels; Secondary use of other Administration's channels if pfd of - 100 dBw/m2 is not exceeded at the border.	Summary lists are to be exchanged in October of each year.
941.500	944.000	Protocol 8 Fixed Point to Point	26-Apr-96	26-Apr-96	60 km on either side of the common border with channel pairs designated for assigned use.	Establishes a common plan for the equitable use of the bands for fixed point to point operations.	In October of each year recapitulative lists of assignments are to be exchanged. By April 26, 1998 the protocol will be jointly reviewed to develop a new protocol. It will terminate on April 26, 1999 if it has not been replaced or extended.
1850.000	1990.000	Protocol 7 for Broadband PCS	16-May-95	16-May-95	72 km for other PCS operations and 120 km for fixed point-to-point operations	Coordinate all PCS vis a vis any existing fixed point-to-point stations to protect (TIA/EIA TSB-1 OF) or relocate fixed users to the band.	No regularly scheduled exchange; where operators agree to share a channel, such arrangements are to be submitted to the Administrations for review with Administration's response within 60 days of receipt.
1910.000	1930.000	Protocol 7 for Broadband PCS	16-May-95	16-May-95	72 km for other PCS operations and 120 km for fixed point-to-point operations	Coordinate all PCS vis a vis any existing fixed point-to-point stations to protect (TIA/EIA TSB-1OF) or relocate fixed users to other band.	No regularly scheduled exchange; where operators agree to share a channel, such arrangements are to be submitted to the Administrations for review with Administration's response within 60 days of receipt.
2500.000	2686.000	MMDS Amended to cover digital systems	11-Aug-92 Oct-98	2-Jul-93	80 km on either side of the common border/Equal Access. Coord. required if PFD at border exceeds -70 dBW for analog or -80 dBW for digital systems.	Coordinated multi-point distribution services in the border area to avoid interference.	By 3/31 of each year, Administrations shall exchange a list of all accepted notifications made during the previous calendar year and verify within 60 days. Semi-annually, Administrations shall exchange lists of notifications for that six month period.
5000.000	5250.000	Protocol 9 Aeronautical Radionavigation and Communications	26-Apr-96	26-Apr-96	No specified distance. Coordination required to avoid harmful interference.	Establishes procedures for coordination of frequencies and sets conditions for use. Attempts to provide equal access to all frequencies without any apriori channel plans. The bands noted here are jointly coordinated by the FCC and FAA. The protocol also lists eight bands administered solely by the FAA and four bands for which no coordination is required at this time.	In June of each year recapitulative lists of assignments are to be exchanged. The FAA will serve as intermediary for the FCC in the submission of the U.S. annual list.
5925.000	6425.000	Earth Station	2-Jul-91	2-Feb-93	Depending on transmitter	Coordinate earth stations that are part	Twice each year; the second half of May and the

**Frequency Bands Subject to
U. S. / Mexico Bilateral Agreements**

Frequency Band (MHz)		Title	Signing Date	Effective Date	Coordination Distance/ Allocation Principle	Purpose	Requisite Data Exchange
Low	High						
					power and antenna diameter; can be one of four lines across the southern tier of States/ Equal Access.	of fixed satellite network(s) and with terrestrial fixed stations to avoid interference.	second half of November; also recapitulative lists every 18 months.
9000.000	9200.000	Protocol 9 Aeronautical Radionavigation and Communications	26-Apr-96	26-Apr-96	No specified distance. Coordination required to avoid harmful interference.	Establishes procedures for coordination of frequencies and sets conditions for use. Attempts to provide equal access to all frequencies without any apriori channel plans. The bands noted here are jointly coordinated by the FCC and FAA. The protocol also lists eight bands administered solely by the FAA and four bands for which no coordination is required at this time.	In June of each year recapitulative lists of assignments are to be exchanged. The FAA will serve as intermediary for the FCC in the submission of the U.S. annual list.