

The attached document is an interim sharing arrangement for the bands, 901-902 MHz, 930-931 MHz and 940-941 MHz, as agreed between representatives of Industry Canada and the Federal Communications Commission (FCC) during the Radio Technical Liaison Committee (RTLCL) meeting held September 22, 1994. This interim sharing arrangement will apply until modified and agreed at a subsequent RTLCL meeting.



Robert W. McCaughern
Deputy Director General
Engineering Programs Branch

Industry Canada



Bruce A. Franca
Deputy Chief
Office of Engineering &
Technology
Federal Communications
Commission

For the Bands
901-902 MHz, 930-931 MHz, and 940-941 MHz

Considering that the FCC has allocated and has begun licensing spectrum at 901-902 MHz, 930-931 MHz, and 940-941 MHz for narrowband PCS and advanced paging operations in the United States and Industry Canada has indicated that Canada has requirements for similar uses of this spectrum, the following Arrangement will apply to the use of these frequencies:

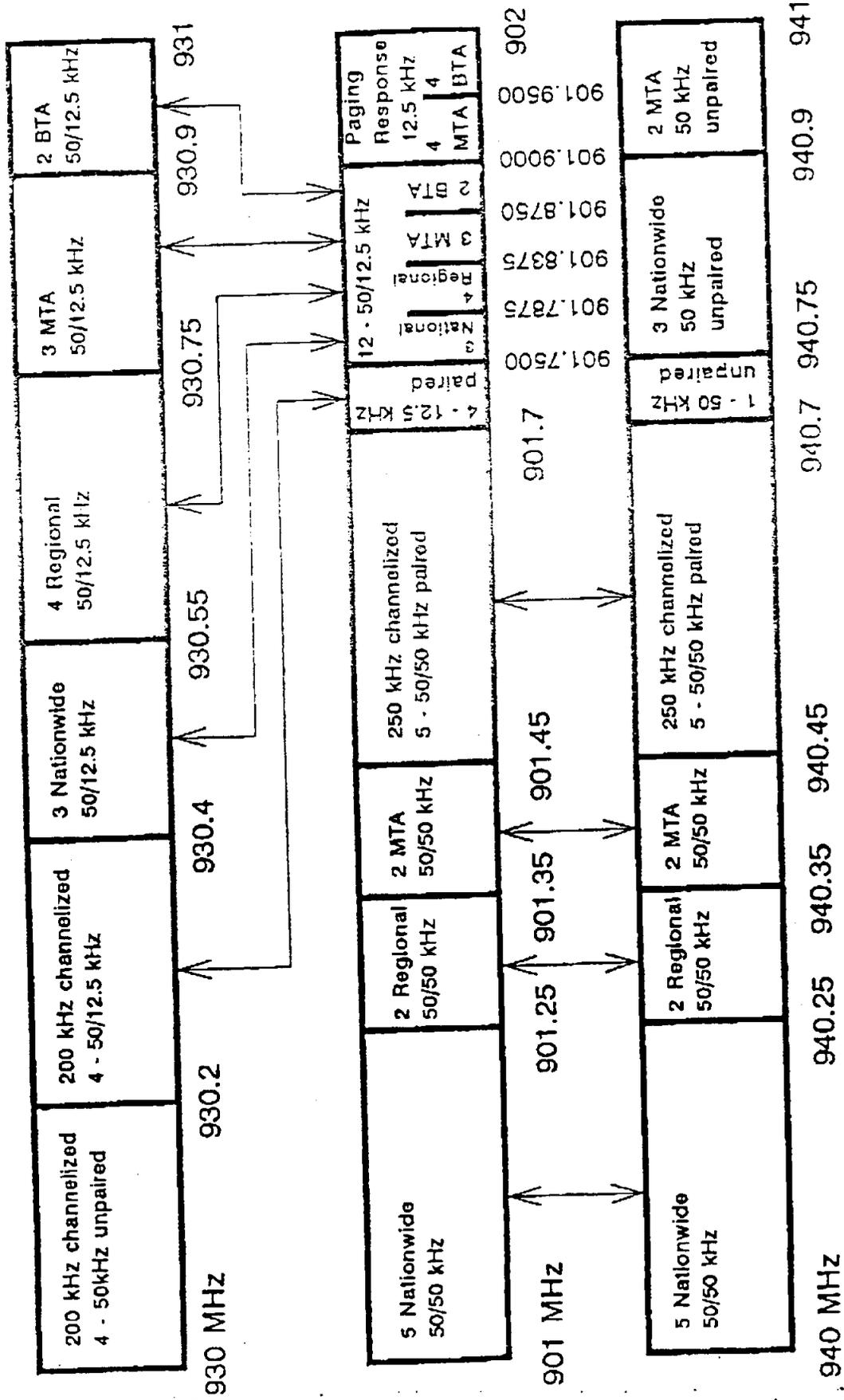
- 1) The frequency bands will be channelized as shown in Appendix A to provide for fourteen channels of 50 kHz paired with 50 kHz; sixteen channels of 50 kHz paired with 12.5 kHz; ten channels of 50 kHz unpaired; and eight channels of 12.5 kHz unpaired; for a total of 48 channels.
- 2) Except as provided for in paragraphs 3) and 4) below, each administration shall have primary use of 24 channels, as specified in Appendix B, within Lines A and B¹.
- 3) In the Toronto/Buffalo region, defined as the area within Lines A and B and between 81 and 71 degrees West longitude, Canada shall have primary use of 29 channels, and the United States shall have use of 19 channels, as specified in Appendix C.
- 4) In the Detroit/Windsor region, defined as the area within Lines A and B and between 85 and 81 degrees West longitude, United States shall have primary use of 35 channels, and Canada shall have primary use of 13 channels, as specified in Appendix D.
- 5) Each administration shall have use of all 48 channels beyond Lines A & B.
- 6) Stations transmitting in the 901-902 MHz band and all mobile stations in the 930-931 MHz and 940-941 MHz bands are limited to 7 watts e.r.p.
- 7) Base stations operating in the 930-931 MHz and 940-941 MHz bands are limited to 3500 watts e.r.p. and are unlimited in antenna height; however, where each country has primary use of some common channels, in the event there is any interference situation both the FCC and Industry Canada will take technical and operational measures as appropriate to permit operations on these common channels.

¹ See: *Agreement Concerning the Coordination and Use of Radio Frequencies Above Thirty Megacycles per Second*, with Annex, as amended.

these frequencies, the ICAO will be required to make use
of special provisions to permit the greater use of all
channels by both countries.

Appendix A

Narrowband PCS Bandplan



Note: Nationwide, Regional, MTA and BTA refers to the U.S. channel plan

Appendix B General Channel Plan

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
USA		
901.025 (50kHz) 901.075 " 901.125 " 901.175 " 901.225 " 901.275 " 901.325 "		940.025 (50kHz) 940.075 " 940.125 " 940.175 " 940.225 " 940.275 " 940.325 "
CAN		
901.375 (50 kHz) 901.425 " 901.475 " 901.525 " 901.575 " 901.625 " 901.675 "		940.375 (50 kHz) 940.425 " 940.475 " 940.525 " 940.575 " 940.625 " 940.675 "
		940.725 "
	930.025 (50 kHz) 930.075 " 930.125 " 930.175 "	
901.70625 (12.5 kHz) 901.71875 " 901.73125 " 901.74375 "	930.225 (50 kHz) 930.275 " 930.325 " 930.375 "	
USA		
901.75625 (12.5 kHz) 901.76875 " 901.78125 " 901.79375 " 901.80625 " 901.81875 " 901.83125 " 901.84375 "	930.425 (50 kHz) 930.475 " 930.525 " 930.575 " 930.625 " 930.675 " 930.725 " 930.775 "	

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
USA		
		940.775 (50 kHz) 940.825 " 940.875 " 940.925 " 940.975 "
CAN		
901.85625 (12.5 kHz) 901.86875 " 901.88125 " 901.89375 "	930.825 (50 kHz) 930.875 " 930.925 " 930.975 "	
USA		
901.90625 (12.5 kHz) 901.91875 " 901.93125 " 901.94375 "		
CAN		
901.95625 (12.5 kHz) 901.96875 " 901.98125 " 901.99375 "		

Appendix C: Channel Plan for Toronto/Buffalo Region

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
USA		
901.025 (50kHz) 901.075 " 901.125 " 901.175 " 901.225 " 901.275 "		940.025 (50kHz) 940.075 " 940.125 " 940.175 " 940.225 " 940.275 "
CAN		
901.325 901.375 (50 kHz) 901.425 " 901.475 " 901.525 " 901.575 " 901.625 " 901.675 "		940.325 (50 kHz) 940.375 " 940.425 " 940.475 " 940.525 " 940.575 " 940.625 " 940.675 "
		940.725 "
	930.025 (50 kHz) 930.075 " 930.125 " 930.175 "	
901.70625 (12.5 kHz) 901.71875 " 901.73125 " 901.74375 "	930.225 (50 kHz) 930.275 " 930.325 " 930.375 "	
USA		
901.75625 (12.5 kHz) 901.76875 " 901.78125 " 901.79375 " 901.80625 " 901.81875 " 901.83125 "	930.425 (50 kHz) 930.475 " 930.525 " 930.575 " 930.625 " 930.675 " 930.725 "	

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
		940.775 (50 kHz) 940.825 " 940.875 " 940.925 "
CAN		
901.84375 (12.5 kHz) 901.85625 " 901.86875 " 901.88125 " 901.89375 "	930.775 (50 kHz) 930.825 " 930.875 " 930.925 " 930.975 "	
		940.975 (50 kHz)
USA		
901.90625 (12.5 kHz) 901.91875 "		
CAN		
901.93125 (12.5 kHz) 901.94375 " 901.95625 " 901.96875 " 901.98125 " 901.99375 "		

Appendix D: Channel Plan for Detroit/Windsor Region

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
USA		
901.025 (50kHz) 901.075 " 901.125 " 901.175 " 901.225 " 901.275 " 901.325 " 901.375 " 901.425 " 901.475 "		940.025 (50kHz) 940.075 " 940.125 " 940.175 " 940.225 " 940.275 " 940.325 " 940.375 " 940.425 " 940.475 "
CAN		
901.525 (50 kHz) 901.575 " 901.625 " 901.675 "		940.525 (50 kHz) 940.575 " 940.625 " 940.675 "
	930.025 (50 kHz) 930.075 " 930.125 "	
USA		
	930.175 (50 kHz)	
		940.725 (50 kHz) 940.775 " 940.825 " 940.875 " 940.925 " 940.975 "
CAN		
901.70625 (12.5 kHz) 901.71875 " 901.73125 " 901.74375 "	930.225 (50 kHz) 930.275 " 930.325 " 930.375 "	

901 - 902 MHz	930 - 931 MHz	940 - 941 MHz
USA		
901.75625 (12.5 kHz) 901.76875 " 901.78125 " 901.79375 " 901.80625 " 901.81875 " 901.83125 " 901.84375 " 901.85625 " 901.86875 " 901.88125 " 901.89375 "	930.425 (50 kHz) 930.475 " 930.525 " 930.575 " 930.625 " 930.675 " 930.725 " 930.775 " 930.825 " 930.875 " 930.925 " 930.975 "	
901.90625 (12.5 kHz) 901.91875 " 901.93125 " 901.94375 " 901.95625 " 901.96875 "		
CAN		
901.98125 (12.5 kHz) 901.99375 "		