



PUBLIC NOTICE

Federal Communications Commission
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Report No. SPB-213

Released: October 19, 2005

Request for Coordination of Canadian Earth Stations with USA Terrestrial Fixed Stations

The government of Canada has requested frequency coordination for the following Canadian earth stations operating in the 3700-4200 MHz and 5925-6425 MHz frequency bands. Interested parties may file comments regarding this request no later than November 18, 2005. If no adverse comments are received by that date, these earth stations will be considered satisfactorily coordinated with the USA and Canada will be so advised.

In accordance with Section 1.51(c) of the Commission's rules, an original and four copies of all pleadings must be filed with the Secretary at the above address. All correspondence concerning this matter must reference this public notice using "Report No. SPB-213".

For further information, contact Towanda Bryant, Satellite Division, International Bureau, (202) 418-7245 or Towanda.Bryant@fcc.gov.

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA
 SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION
 Licence #: 4975398
 Location: Toronto, Ontario
 Coordinates: 43 42 32 N / 79 20 30 W
 Ground Height (AMSL)/Antenna Height (AGL): 125m / 4m
 Antenna Diameter/TX Gain/RX Gain: 3.8m / 44.8 dBi / 41.4
 Antenna Azimuth/Elevation Angle: 221.9 ° / 30.4 °
 Transmitter Polarity: Horizontal
 Maximum Power Density (dBW/Hz): -53.9 dBW/Hz
 Satellite Operating Arc: 111.1 W
 Satellite transmission VIA: ANIK E2
 Date Effective: 01/09/2004

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6325.000	97	G1WDT	39.9	4100.000
	&			
	1600			

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA
 SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION
 Licence #: 4976936
 Location: Sarnia, Ontario
 Coordinates: 42 57 33 N / 82 21 27 W
 Ground Height (AMSL)/Antenna Height (AGL): 185m / 3m
 Antenna Diameter/TX Gain/RX Gain: 4.5m / 42.0 dBi / 38.0 dBi
 Antenna Azimuth/Elevation Angle: 218.8 ° / 32.6 °
 Transmitter Polarity: Vertical
 Maximum Power Density (dBW/Hz): -50.7 dBW/Hz
 Satellite Operating Arc: 111.1 W
 Satellite transmission VIA: ANIK E2
 Date Effective: 01/10/2004

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6345.000	52	G1WCT	40.6	4120.000
	&			
	103			

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA
 SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION
 License #: 4982353
 Location: Stoney Creek, Ontario
 Coordinates: 43 12 02 N / 79 46 11 W
 Ground Height (AMSL)/Antenna Height (AGL): 100m / 5m
 Antenna Diameter/TX Gain/RX Gain: 5.5m / 45.9 dBi / -
 Antenna Azimuth/Elevation Angle: 190.0 ° / 39.0 °
 Transmitter Polarity: Horizontal
 Maximum Power Density (dBW/Hz): -68.8 dBW/Hz
 Satellite Operating Arc: 87.0 W
 Satellite transmission VIA: AMC-3
 Date Effective: 15/01/2005

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6345.000	22500	G1FDN	70.7	-

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: TRANSPORTABLE EARTH STATION

Licence #: 4984112; 4984113; 4984114

Location: Ottawa, Ontario

Coordinates: 45 20 23 N / 75 35 15 W

Radius: 36 km

Ground Height (AMSL)/Antenna Height (AGL): 114m / 2m

Antenna Diameter/TX Gain/RX Gain: 2.4m / 42.0 dBi / 38.0 dBi

Antenna Azimuth/Elevation Angle: 224.1 ° / 29.6 °

Transmitter Polarity: Horizontal

Maximum Power Density (dBW/Hz): -51.1 dBW/Hz

Satellite Operating Arc: 111.1 W

Satellite transmission VIA: ANIK F2

Date Effective: 14/01/2005

Three transportable earth stations operating within 36 km of stated coordinates

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6089.700	478	G1DDN	57.0	3863.900
6091.300	478	G1DDN	57.0	3865.500
6092.300	478	G1DDN	57.0	3866.900

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 3638251

Location: Val d'Or, Quebec

Coordinates: 48 06 10 N / 77 46 50 W

Ground Height (AMSL)/Antenna Height (AGL): 317m / 15m

Antenna Diameter/TX Gain/RX Gain: 3.8m / 45.7 dBi / 41.3 dBi

Antenna Azimuth/Elevation Angle: 221.4 ° / 26.1 °

Transmitter Polarity: Horizontal

Maximum Power Density (dBW/Hz): -10 dBW/Hz

Satellite Operating Arc: 111.1 W

Satellite transmission VIA: ANIK E2

Date Effective: 28/06/2005

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6325.000	1600	G1WCT	62.7	4100.000

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 4996760

Location: Ottawa, Ontario

Coordinates: 45 21 11 N / 75 46 59 W

Ground Height (AMSL)/Antenna Height (AGL): 80m / 4m

Antenna Diameter/TX Gain/RX Gain: 4.6m / 48.4 dBi / 48.4 dBi

Antenna Azimuth/Elevation Angle: 127.4 ° / 23.0 °

Transmitter Polarity: Circular

Maximum Power Density (dBW/Hz): -44.3 dBW/Hz

Satellite Operating Arc: 34.5 W

Satellite transmission VIA: INTELSAT 903

Date Effective: 05/07/2005

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6069.7	5410.0	G1DDT	70.4	3844.7

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA
 SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION
 Licence #: 4998707
 Location: Scarborough, Ontario
 Coordinates: 43 43 00 N / 79 17 00 W
 Ground Height (AMSL)/Antenna Height (AGL): 10 m / 20 m
 Antenna Diameter/TX Gain/RX Gain: 2.40 m / 42.0 dBi / 38.0 dBi
 Antenna Azimuth/Elevation Angle: 147.3° / 34.2°
 Transmitter Polarity: Vertical
 Maximum Power Density (dBW/Hz): -11.3 dBW/Hz
 Satellite Operating Arc: 55.5°W
 Satellite transmission VIA: Intelsat 805
 Date Effective: 2005/08/12

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6097.3000	540.00	7DDN	51.50	3871.5000

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA
 SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION
 Licence #: 4998548
 Location: Ottawa, Ontario
 Coordinates: 45 17 46 N / 75 36 21 W
 Ground Height (AMSL)/Antenna Height (AGL): 105 m / 5 m
 Antenna Diameter/TX Gain/RX Gain: 4.50 m / 54.0 dBi
 Antenna Azimuth/Elevation Angle: 225.1° / 27.2°
 Transmitter Polarity: Horizontal
 Maximum Power Density (dBW/Hz): -33.0 dBW/Hz
 Satellite Operating Arc: 111.1°W
 Satellite transmission VIA: Anik F2
 Date Effective: 2005/08/01

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6405.0000	36000.0	F8FNF	79.9	----