



# PUBLIC NOTICE

**Federal Communications Commission**  
**445 12th St., S.W.**  
**Washington, D.C. 20554**

media information 202 / 418-0500  
Fax-On-Demand 202 / 418-2830  
TTY 202 / 418-2555  
Internet: <http://www.fcc.gov>

---

Report No. SPB-175

Released: October 19, 2001

## **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 December 3, 2001. 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-175".

For further information, contact George Sharp, Satellite and Radiocommunications Division, International Bureau, (202) 418-0722 or [gsharp@fcc.gov](mailto:gsharp@fcc.gov).

=====

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 4899417

Location: Sioux Lookout Ontario

Coordinates: 500600N/915500W

Ground Height (AMSL)/Antenna Height (AGL): 113m / 4m

Antenna Diameter/TX Gain/RX Gain: 3.8m / 46.0 dBi / 42.1 dBi

Antenna Azimuth/Elevation Angle: 204.4 ° / 29.7 °

Transmitter Polarity: Horizontal

Maximum Power Density (dBW/Hz): -41.5 dBW/Hz

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA ANIK E2

Date Effective: Feb. 01, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6325.0	352	G1WCT	53.1	4100.0
	880	G1WCT		

=====

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 2125091

Location: CFS Leitrim Ontario

Coordinates: 452013N / 753513W

Ground Height (AMSL)/Antenna Height (AGL): 100m / 9m

Antenna Diameter/TX Gain/RX Gain: 10m / 53.5 dBi / 50.3 dBi

Antenna Azimuth/Elevation Angle: 225.0 ° / 27.2 °

Transmitter Polarity: Vertical

Maximum Power Density (dBW/Hz): - 49.5 dBW/Hz

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: Dec. 15/2000

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6332.100	3350	G1D	56.0	4110.425
6336.950	164	G1D	56.0	4111.775
6338.825	922	G1D	56.0	4112.650
6340.600	615	G1D	56.0	4114.800

=====

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 4524519

Location: Kingston Ontario

Coordinates: 441617N / 763134W

Ground Height (AMSL)/Antenna Height (AGL): 85m / 3m

Antenna Diameter/TX Gain/RX Gain: 3.8m / 46.0 dBi / 42.0 dBi

Antenna Azimuth/Elevation Angle: 224.6 ° / 28.5 °

Transmitter Polarity: Vertical

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

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: June 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6308.445	716	G1DCN	49.0	4082.650
6310.035	716	G1DCN	49.0	4084.240
6311.025	358	G1DCN	48.9	4085.630

=====

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE

CLASS OF STATION: FIXED EARTH STATION

Licence #:4640643

Location: Kingston Ontario

Coordinates: 441617N /763134W

Ground Height (AMSL)/Antenna Height (AGL): 85m /3m

Antenna Diameter/TX Gain/RX Gain: 3.8m /46.0 dBi /42.0 dBi

Antenna Azimuth/Elevation Angle: 224.6 ° /28.5 °

Transmitter Polarity: Vertical

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

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: June 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6308.445	716	G1DCN	49.0	4082.650
6310.035	716	G1DCN	49.0	4084.240
6311.025	358	G1DCN	48.9	4085.630

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE

CLASS OF STATION: FIXED EARTH STATION

Licence #:4640644

Location: Kingston Ontario

Coordinates: 441617N /763134W

Ground Height (AMSL)/Antenna Height (AGL): 85m /3m

Antenna Diameter/TX Gain/RX Gain: 3.8m /46.0 dBi /42.0 dBi

Antenna Azimuth/Elevation Angle: 224.6 ° /28.5 °

Transmitter Polarity: Vertical

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

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: June 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6308.445	716	G1DCN	49.0	4082.650
6310.035	716	G1DCN	49.0	4084.240
6311.025	358	G1DCN	48.9	4085.630

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE

CLASS OF STATION: FIXED EARTH STATION

Licence #:4640645

Location: Kingston Ontario

Coordinates: 441617N /763134W

Ground Height (AMSL)/Antenna Height (AGL): 85m /3m

Antenna Diameter/TX Gain/RX Gain: 3.8m /46.0 dBi /42.0 dBi

Antenna Azimuth/Elevation Angle: 224.6 ° /28.5 °

Transmitter Polarity: Vertical

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

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: June 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6308.445	716	G1DCN	49.0	4082.650
6310.035	716	G1DCN	49.0	4084.240
6311.025	358	G1DCN	48.9	4085.630

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE

CLASS OF STATION: FIXED EARTH STATION

Licence #:4646832

Location: Kingston Ontario

Coordinates: 441617N /763134W

Ground Height (AMSL)/Antenna Height (AGL): 85m /3m

Antenna Diameter/TX Gain/RX Gain: 3.8m /46.0 dBi /42.0 dBi

Antenna Azimuth/Elevation Angle: 224.6 ° /28.5 °

Transmitter Polarity: Vertical

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

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: June 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6308.445	716	G1DCN	49.0	4082.650
6310.035	716	G1DCN	49.0	4084.240
6311.025	358	G1DCN	48.9	4085.630

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE

CLASS OF STATION: FIXED EARTH STATION

Licence #:4646833

Location: Kingston Ontario

Coordinates: 441617N /763134W

Ground Height (AMSL)/Antenna Height (AGL): 85m /3m

Antenna Diameter/TX Gain/RX Gain: 3.8m /46.0 dBi /42.0 dBi

Antenna Azimuth/Elevation Angle: 224.6 ° /28.5 °

Transmitter Polarity: Vertical

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

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E1

Date Effective: June 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6308.445	716	G1DCN	49.0	4082.650
6310.035	716	G1DCN	49.0	4084.240
6311.025	358	G1DCN	48.9	4085.630

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE

CLASS OF STATION: FIXED EARTH STATION

Licence #: 4910459

Location: Ottawa Ontario

Coordinates: 452543N /754140W

Ground Height (AMSL)/Antenna Height (AGL): 57m / 15m

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

Antenna Azimuth/Elevation Angle: 118.0 ° / 13.0 °

Transmitter Polarity: Horizontal

Maximum Power Density (dBW/Hz): -40.7 dBW/Hz

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: INTELSAT 805

Date Effective: April 5, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6320.0	3600	G1WCT	52.0	4095.0

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 4909889

Location: Williams Lake British Columbia

Coordinates: 520800N / 1220900W

Ground Height (AMSL)/Antenna Height (AGL): 610m /4m

Antenna Diameter/TX Gain/RX Gain: 2.4m / 41.7 dBi / 38.0 dBi

Antenna Azimuth/Elevation Angle: 166.1 ° /29.5 °

Transmitter Polarity: Horizontal

Maximum Power Density (dBW/Hz): -42.5 dBW/Hz

Satellite Operating Arc: 80 to 120 W

Satellite transmission VIA: ANIK E2

Date Effective: July 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6325.0	308	G1WCT	35.1	4100.0

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 4909890

Location: Anahim Lake British Columbia

Coordinates: 523000N / 1252000W

Ground Height (AMSL)/Antenna Height (AGL): 1220m /4m

Antenna Diameter/TX Gain/RX Gain: 3.8 m /46.0 dBi /42.1 dBi

Antenna Azimuth/Elevation Angle: 162.3 ° /28.5 °

Transmitter Polarity: Horizontal

Maximum Power Density (dBW/Hz): -41.5 dBW/Hz

Satellite Operating Arc: \_80 to 120 W

Satellite transmission VIA: ANIK E2

Date Effective: July 1, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6325.0	352	G1WCT	34.5	4100.0

## GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

Licence #: 4900278

Location: Fort Erie Ontario

Coordinates: 425459N / 785604W

Ground Height (AMSL)/Antenna Height (AGL): 189m / 2m

Antenna Diameter/TX Gain/RX Gain: 3.5m / 42.0 dBi / - dBi

Antenna Azimuth/Elevation Angle: 202.9 ° / 37.9 °

Transmitter Polarity: Circular

Maximum Power Density (dBW/Hz): -48.0 dBW/Hz

Satellite Operating Arc: 80 to 120W

Satellite transmission VIA: Galaxy IIIR

Date Effective: February 7, 2001

TX Frequency (MHz)	Bandwidth (kHz)	Emissions	EIRP (dBW)	RX Frequency (MHz)
6170.0	8400	G1F	65.0	-

- FCC -