



# 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>

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Report No. SPB-231

Released: April 24, 2009

## 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 May 25, 2009. 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-231.

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

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012330  
Location: BALCARRES SK  
Coordinates: 50 56 38N 103 22 34W  
Ground Height (AMSL)/Antenna Height (AGL): 661m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 189.9<sup>0</sup> / 31.23<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 50.4 4162 - 4178

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012346  
Location: CONQUEST SK  
Coordinates: 513144N 1071425W  
Ground Height (AMSL)/Antenna Height (AGL): 580m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 184.9<sup>0</sup> / 30.94<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 50.4 4162 - 4178

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION  
License #: 5011299  
Location: HODGEVILLE SK  
Coordinates: 500651N 1065731W  
Ground Height (AMSL)/Antenna Height (AGL): 700m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 185.4<sup>0</sup> / 32.46<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

| TX Frequency (MHz) | Bandwidth (kHz) | Emissions | EIRP (dBW) | RX Frequency (MHz) |
|--------------------|-----------------|-----------|------------|--------------------|
| 6403 - 6423        | 461.0           | G1WDT     | 50.4       | 4162 - 4178        |

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION  
License #: 5012344  
Location: LAKE ALMA SK  
Coordinates: 49 08 43N 104 11 57W  
Ground Height (AMSL)/Antenna Height (AGL): 711m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 189.1<sup>0</sup> / 33.26<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

| TX Frequency (MHz) | Bandwidth (kHz) | Emissions | EIRP (dBW) | RX Frequency (MHz) |
|--------------------|-----------------|-----------|------------|--------------------|
| 6403 - 6423        | 461.0           | G1WDT     | 50.4       | 4162 - 4178        |

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012321  
Location: PENNANT SK  
Coordinates: 50 31 52N 108 13 56W  
Ground Height (AMSL)/Antenna Height (AGL): 726m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/37.2 dBi/33.3 dBi  
Antenna Azimuth/Elevation Angle: 185.5<sup>o</sup> / 29.67<sup>o</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>o</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 44.2 4162 - 4178

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012079  
Location: REGINA SK  
Coordinates: 50 26 21N 104 36 27W  
Ground Height (AMSL)/Antenna Height (AGL): 589m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/33.3 dBi  
Antenna Azimuth/Elevation Angle: 185.3<sup>o</sup> / 33.22<sup>o</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>o</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 44.2 4162 - 4178

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012211  
Location: REGINA SK  
Coordinates: 50 58 34N 104 45 11W  
Ground Height (AMSL)/Antenna Height (AGL): 580m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 188.4<sup>o</sup> / 31.33<sup>o</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>o</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 50.4 4162 - 4178

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012335  
Location: SCEPTRE SK  
Coordinates: 50 51 38N 109 15 53W  
Ground Height (AMSL)/Antenna Height (AGL): 675m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 182.7<sup>o</sup> / 34.76<sup>o</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>o</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

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GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012209  
Location: SILTON SK  
Coordinates: 50 27 00N 104 40 00W  
Ground Height (AMSL)/Antenna Height (AGL): 579m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/37.2 dBi/33.3 dBi  
Antenna Azimuth/Elevation Angle: 182.6<sup>0</sup>/ 29.54<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

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GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012078  
Location: SONNINGDALE SK  
Coordinates: 52 23 03N 107 40 47W  
Ground Height (AMSL)/Antenna Height (AGL): 577m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 184.3<sup>0</sup>/ 30.00<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

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GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012326  
Location: STRANRAER SK  
Coordinates: 51 38 04N 108 21 21W  
Ground Height (AMSL)/Antenna Height (AGL): 596m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 183.5<sup>0</sup>/ 30.88<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 50.4 4162 - 4178

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012316  
Location: VAL MARIE SK  
Coordinates: 49 14 18N 107 43 57W  
Ground Height (AMSL)/Antenna Height (AGL): 790m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 184.5<sup>0</sup>/33.46<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

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GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: FIXED SATELLITE CLASS OF STATION: FIXED EARTH STATION

License #: 5012461  
Location: WOOD MOUNTAIN SK  
Coordinates: 49 13 20N 106 13 52W  
Ground Height (AMSL)/Antenna Height (AGL): 833m / 10m  
Antenna Diameter/TX Gain/RX Gain: 1.8m/43.4 dBi/41.8 dBi  
Antenna Azimuth/Elevation Angle: 186.4<sup>0</sup>/33.37<sup>0</sup>  
Transmitter Polarity: HORIZONTAL  
Maximum Power Density (dBW/Hz): -51.1 dBW/Hz  
Satellite Operating Arc: 111.1<sup>0</sup> W  
Satellite transmission VIA: ANIK F2  
Date Effective: March 5, 2009

TX Frequency (MHz) Bandwidth (kHz) Emissions EIRP (dBW) RX Frequency (MHz)

6403 - 6423 461.0 G1WDT 50.4 4162 - 4178