**Report No. SPB-289**

**DA 23-196**

**Released: March 13, 2023**

**REQUEST FOR COORDINATION OF CANADIAN EARTH STATIONS**

**WITH USA TERRESTRIAL FIXED STATIONS**

**Comment Date: April 11, 2023**

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 **April 11, 2023**. 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-289”.

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: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010890314001

Location: Les Îles-de-la-Madeleine, QC

(1034 Chemin de la Vernière)

Coordinates: 47N2227 060W536

Ground Height (AMSL)/Antenna Height (AGL): 20.00 m / 2.20 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 237.60 deg / 18.00 deg

TX Antenna Gain / TX Polarity: 42.30 dBi / Horizontal

RX Antenna Gain / RX Polarity: 37.60 dBi / Vertical

Satellite Operating Arc: -111.10

Satellite transmission VIA: ANIK F2

Date Effective: June 7, 2021

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6,340.73390 MHz 2M09G1D-- 50.10 dBW -55.40 dB(W/Hz)

RX Frequency: RX Emission(s):

4,4112.000 MHz 3M08D1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010890620001

Location: Savona, BC

Coordinates: 50N457 120W5225

Ground Height (AMSL)/Antenna Height (AGL): 342.00 m / 5.00 m

Antenna Diameter: 0.03 m

Antenna Azimuth/Elevation Angle: 198 deg / 30.36 deg

TX Antenna Gain / TX Polarity: 11.00 dBi / Circular

RX Antenna Gain / RX Polarity:

Satellite Operating Arc: -135.00 deg

Satellite transmission VIA: GOES WEST

Date Effective: May 7, 2021

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

402.03250 MHz 30K0G1DEN 22.00 dBW -13.77 dB(W/Hz)

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010001491004

Location: Montcalm, QC (200 Chemin Larose)

Coordinates: 45N5643 074W320

Ground Height (AMSL)/Antenna Height (AGL): 211.00 m / 13.00 m

Antenna Diameter: 13.20 m

Antenna Azimuth/Elevation Angle: 211.13 deg / 32.29 deg

TX Antenna Gain / TX Polarity: 57.37 dBi / Circular

RX Antenna Gain / RX Polarity: 57.37 dBi / Circular

Satellite Operating Arc: -98 deg

Satellite transmission VIA: INMARSAT‑4 98W

Date Effective: May 6, 2021

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6,340..00000 MHz 5M00G3W 79 dBW -48.50 dB(W/Hz)

6,545.75000 MHz 10M0G3W 79 dBW -48.50 dB(W/Hz)

RX Frequency: RX Emission(s):

3,673.00000 MHz 200KG7W

3,950.00000 MHz 200KG7W

4,199.00000 MHz 900KG3W

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010895172‑001

Location : Les Îles-de-la-Madeleine, QC

Coordinates : 47N2227 061W536

Ground Height (AMSL)/Antenna Height (AGL): 20.00 m / 2.20 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 237.60 deg / 18.00 deg

TX Antenna Gain / TX Polarity: 42.30 dBi / Horizontal

RX Antenna Gain / RX Polarity: 37.60 dBi / Vertical

Satellite transmission VIA: ANIK F2

Date Effective: June 16, 2021

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6415.14000 MHz 2M09G1D 50.10 dBW -55.40 dB(W/Hz)

RX Frequency: RX Emission(s):

4112.52400 MHz 3M08D1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010001107‑003

Location: L'Île-d'Anticosti, QC

Coordinates: 49N4847 064W2024

Ground Height (AMSL)/Antenna Height (AGL): 1.00 m / 2.30 m

Antenna Diameter: 3.80 m

Antenna Azimuth/Elevation Angle: 234.31 deg / 17.97 deg

TX Antenna Gain/ Tx Polarity: 46.50 dBi / Horizontal

RX Antenna Gain/ Rx Polarity: 42.00 dBi / Vertical

Satellite transmission VIA: ANIK E‑B

Date Effective: August 16, 2021

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6414.50200 MHz 3M08G1D 56.90 dBW -54.50 dB(W/Hz)

RX Frequency: RX Emission(s):

4114.56500 MHz 4M22D1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010001077‑003

Location: Baie-Comeau, QC

Coordinates: 49N1340 068W1121

Ground Height (AMSL)/Antenna Height (AGL): 73.00 m / 8.30 m

Antenna Diameter: 3.80 m

Antenna Azimuth/Elevation Angle: 230.83 deg / 20.44 deg

TX Antenna Gain/ Tx Polarity: 46.50 dBi / Horizontal

RX Antenna Gain/ Rx Polarity: 42.00 dBi / Vertical

Satellite transmission VIA: ANIK E‑B

Date Effective: August 16, 2021

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6339.56450 MHz 4M22D1D 59.00 dBW -53.70 dB(W/Hz)

RX Frequency: RX Emission(s):

4189.50150 MHz 3M08G1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010815290‑002

Location: Cantley, QC

Coordinates: 45N357 075W4831

Ground Height (AMSL)/Antenna Height (AGL): 278.00 m / 8.80 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 117.59 deg / 16.06 deg

TX Antenna Gain/ Tx Polarity: 42.20 dBi / Circular Right RX Antenna Gain/ Rx Polarity: 38.00 dBi / Circular Left

Satellite transmission VIA: NSS 16

Date Effective: January 17, 2022

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6261.54730 MHz 400KG7W 45.30 dBW -49.90 dB(W/Hz)

RX Frequency: RX Emission(s):

4036.44910 MHz 400KG7W

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010925514‑001

Location: Burns Lake BC

Coordinates: 54N1425 125W4533

Ground Height (AMSL)/Antenna Height (AGL): 769.00 m / 3.00 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 162.00 deg / 26.706 deg

TX Antenna Gain/ Tx Polarity: 42.00 dBi / Horizontal RX Antenna Gain/ Rx Polarity: 38.00 dBi / Vertical

Satellite transmission VIA: ANIK F2

Date Effective: April 18, 2022

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6302.90500 MHz 190KG1WCT 49.00 dBW -49.00 dB(W/Hz)

RX Frequency: RX Emission(s):

4077.28200 MHz 677KG1WCT

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010938970 001

Location : Houston BC Hamblin Frontage Rd

Coordinates : 54N2334 126W4010

Ground Height (AMSL)/Antenna Height (AGL): 595.00 m / 3.00 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 161.10 deg / 26.30 deg

TX Antenna Gain / TX Polarity: 42.00 dBi / Horizontal

RX Antenna Gain / RX Polarity: 38.00 dBi / Vertical

Satellite transmission VIA: ANIK F2

Date Effective: November 30, 2022

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6302.90500 MHz 190KG1WCT 49.00 dBW -49.00 dB(W/Hz)

RX Frequency: RX Emission(s):

4077.28200 MHz 677KG1WCT

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010815290 003

Location: Cantley, QC (75 Chemin McClelland)

Coordinates: 45N357 075W4831

Ground Height (AMSL)/Antenna Height (AGL): 278.00 m / 8.80 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 117.59 deg / 16.06 deg

TX Antenna Gain/ Tx Polarity: 42.20 dBi / Circular Right

RX Antenna Gain/ Rx Polarity: 38.00 dBi / Circular Left

Satellite transmission VIA: NSS 16

Date Effective: August 1, 2022

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6261.66500 MHz 215KG7W 45.50 dBW -50.00 dB(W/Hz)

RX Frequency: RX Emission(s):

4036.44910 MHz 215KG7W

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010947942 001

Location: Winnipeg, MB, 640 CORYDON AVE

Coordinates: 49N5218 097W858

Ground Height (AMSL)/Antenna Height (AGL): 233.00 m / 14.30 m

Antenna Diameter: 4.50 m

Antenna Azimuth/Elevation Angle: 198.00 deg / 31.30 deg

TX Antenna Gain/ Tx Polarity: 47.10 dBi / Horizontal

RX Antenna Gain/ Rx Polarity: 41.30 dBi / Vertical

Satellite transmission VIA: ANIK F2

Date Effective: November 1, 2022

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

5947.70250 MHz 1K40G1D 52.50 dBW -57.70 dB(W/Hz)

5949.04100 MHz 1K27G1D 51.50 dBW -57.70 dB(W/Hz)

5950.47300 MHz 1K59G1D 52.50 dBW -57.70 dB(W/Hz)

5952.03600 MHz 1K53G1D 52.30 dBW -57.70 dB(W/Hz)

5953.55150 MHz 1K50G1D 52.20 dBW -57.70 dB(W/Hz)

5956.67600 MHz 1K18G1D 51.20 dBW -57.70 dB(W/Hz)

5957.48400 MHz 436HG1D 46.70 dBW -57.70 dB(W/Hz)

5958.02950 MHz 655HG1D 48.60 dBW -57.70 dB(W/Hz)

RX Frequency: RX Emission(s):

3722.70300 MHz 1K40G1D

3724.04100 MHz 1K27G1D

3725.47300 MHz 1K59G1D

3727.03600 MHz 1K53G1D

3728.55150 MHz 1K50G1D

3731.67600 MHz 1K18G1D

3732.48400 MHz 436HG1D

3733.03000 MHz 655HG1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010961398 001

Location: Montcalm, QC (200 Chemin Larose)

Coordinates: 45N5643 074W320

Ground Height (AMSL)/Antenna Height (AGL): 211.00 m / 10.00 m

Antenna Diameter: 13.20 m

Antenna Azimuth/Elevation Angle: 124.26 deg / 20.44 deg

TX Antenna Gain/ Tx Polarity: 57.50 dBi / Circular Right RX Antenna Gain/ Rx Polarity: 53.40 dBi / Circular Left

Satellite transmission VIA: INMARSAT 6 28W

Date Effective: February 21, 2023

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

5925.50000 MHz 1M00F3X 79.50 dBW -38.00 dB(W/Hz)

6423.00000 MHz 1M00F3X 79.50 dBW -38.00 dB(W/Hz)

RX Frequency: RX Emission(s):

4198.35000 MHz 180KGXD

4199.35000 MHz 180KGXD

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010001077 005

Location: Baie-Comeau, QC (135 Boulevard Comeau)

Coordinates: 49N1340 068W1121

Ground Height (AMSL)/Antenna Height (AGL): 70.00 m / 8.30 m

Antenna Diameter: 3.80 m

Antenna Azimuth/Elevation Angle: 230.83 deg / 20.44 deg

TX Antenna Gain/ Tx Polarity: 46.50 dBi / Horizontal

RX Antenna Gain/ Rx Polarity: 42.00 dBi / Vertical

Satellite transmission VIA: ANIK E B

Date Effective: February 20, 2023

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6256.00000 MHz 15M0D1D-- 64.50 dBW -59.78 dB(W/Hz)

RX Frequency: RX Emission(s):

4171.83850 MHz 9M48G1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010001107 005

Location: L'Île-d'Anticosti, QC (Port-Menier)

Coordinates: 49N4847 064W2024

Ground Height (AMSL)/Antenna Height (AGL): 10.00 m / 2.30 m

Antenna Diameter: 3.80 m

Antenna Azimuth/Elevation Angle: 234.31 deg / 17.97 deg

TX Antenna Gain/ Tx Polarity: 46.50 dBi / Horizontal RX Antenna Gain/ Rx Polarity: 42.00 dBi / Vertical

Satellite transmission VIA: ANIK E B

Date Effective: February 20, 2023

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6396.83800 MHz 9M48G1D 61.30 dBW -55.00 dB(W/Hz)

RX Frequency: RX Emission(s):

4031.00000 MHz 15M0D1D--

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED

SHARED BANDS

License #: 010895172 003

Location: Les Îles-de-la-Madeleine, QC (1034 Chemin de la Vernière)

Coordinates: 47N2227 061W536

Ground Height (AMSL)/Antenna Height (AGL): 20.00 m / 2.20 m

Antenna Diameter: 2.40 m

Antenna Azimuth/Elevation Angle: 237.60 deg / 18.00 deg

TX Antenna Gain/ Tx Polarity: 42.30 dBi / Horizontal RX Antenna Gain/ Rx Polarity: 37.60 dBi / Vertical

Satellite transmission VIA: ANIK F2

Date Effective: February 20, 2023

TX Frequency: TX Emission(s): EIRP: Maximum Power Density:

6396.83800 MHz 9M48G1D 61.26 dBW -50.80 dB(W/Hz)

RX Frequency: RX Emission(s):

4031.00000 MHz 15M0D1D--

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