Report No. SPB-276 Released: December 12, 2018

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 January 11, 2019. 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-276”.

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 EARTH STATION

SHARED BANDS

License #: 010778643 001

Location: Ottawa (160 Elgin St.) ON

Coordinates: 45N2512 075W4135

Ground Height (AMSL)/Antenna Height (AGL): 70.00 m / 98.00 m

Antenna Diameter: 2.4 m

Antenna Azimuth/Elevation Angle: 224.94 deg / 40.27 deg

TX Antenna Gain / TX Polarity: 41.7 dBi / Horizontal

RX Antenna Gain / RX Polarity: 37.50 dBi / Vertical

Satellite Operating Arc: 111.60 deg W

Satellite transmission VIA: ANIK F2

Date Effective: October 12, 2018

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

5961.7140 MHz 432KG1D 43.49 dBW -53.53 dB(W/Hz)

5973.8950 MHz 56K0G1D 34.50 dBW -53.36 dB(W/Hz)

6159.1055 MHz 2M33G1D 49.15 dBW -55.08 dB(W/Hz)

6348.5150 MHz 520KG1D 49.63 dBW -54.40 dB(W/Hz)

6350.3925 MHz 215KG1D 39.93 dBW -53.75 dB(W/Hz)

RX Frequency: RX Emission(s):

3736.2820 MHz 432KG1D

3748.8390 MHz 432KG1D

3931.7765 MHz 2M33G1D

4122.9950 MHz 520KG1D

4125.1775 MHz 215KG1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, CLASS OF STATION: FIXED EARTH STATION

SHARED BANDS

License #: 010786535 001

Location: Ottawa (1601 Telesat Court.) ON

Coordinates: 44N1026 080W5611

Ground Height (AMSL)/Antenna Height (AGL): 285.00 m / 2.00 m

Antenna Diameter: 3.8 m

Antenna Azimuth/Elevation Angle: 109.6 deg / 10.50 deg

TX Antenna Gain / TX Polarity: 45.7 dBi / Horizontal

RX Antenna Gain / RX Polarity: 41.08 dBi / Vertical

Satellite Operating Arc: -18 deg W

Satellite transmission VIA: INTELSAT8 342E

Date Effective: November 19, 2018

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

6119.146MHz 768KG1D 54.60 dBW -49.95 dB(W/Hz)

6116.2415MHz 768KG1D 54.60 dBW -49.95 dB(W/Hz)

6117.2083MHz 768KG1D 55.60 dBW -48.95 dB(W/Hz)

6118.1723MHz 768KG1D 57.30 dBW -47.25 dB(W/Hz)

RX Frequency: RX Emission(s):

3,988.76500MHz 1M02G1D

3,989.99500MHz 1M02G1D

3,996.39000MHz 1M02G1D

3,997.63000MHz 1M02G1D