



PUBLIC NOTICE

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

News Media Information 202 / 418-0500
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Report No. SPB-278

Released: September 10, 2019

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 October 10, 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-278".

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 #: 010784699 001
Location: Gander, NL
Coordinates: 48N5758 054W3549
Ground Height (AMSL)/Antenna Height (AGL): 125.00m / 2.40m
Antenna Diameter: 3.80m
Antenna Azimuth/Elevation Angle: 249.89 deg / 25.00 deg
TX Antenna Gain / TX Polarity: 46.00 dBi / Horizontal
RX Antenna Gain / RX Polarity: 42.10 dBi / Vertical
Satellite Operating Arc: 118.70 deg W
Satellite transmission VIA: CANSAT-18
Date Effective: November 5, 2018

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6400.180 MHz	113KG1D	42.00 dBW	-57.50 dB(W/Hz)
6400.496 MHz	113KG1D	42.00 dBW	-57.50 dB(W/Hz)
6400.8115 MHz	75K0G1D	43.90 dBW	-57.50 dB(W/Hz)
6401.101 MHz	113KG1D	41.70 dBW	-57.50 dB(W/Hz)

RX Frequency:	RX Emission(s):
4175.022 MHz	113KG1D
4175.338 MHz	113KG1D
4175.667 MHz	184KG1D
4175.943 MHz	113KG1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

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

License #: 010787652 001
Location: Hornell Heights, ON
Coordinates: 46N2123 079W2455
Ground Height (AMSL)/Antenna Height (AGL): 349.00m / 2.00m
Antenna Diameter: 3.80m
Antenna Azimuth/Elevation Angle: 220.46 deg / 41.19 deg
TX Antenna Gain / TX Polarity: 45.80 dBi / Horizontal
RX Antenna Gain / RX Polarity: 41.70 dBi / Vertical
Satellite Operating Arc: 111.10 deg W
Satellite transmission VIA: ANIK F2
Date Effective: December 21, 2018

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6001.4838 MHz	370KD1D	44.20 dBW	-58.74 dB(W/Hz)
6002.0020 MHz	370KD1D	44.20 dBW	-58.74 dB(W/Hz)
6002.4997 MHz	341KD1D	44.10 dBW	-58.74 dB(W/Hz)
6002.9776 MHz	341KD1D	43.90 dBW	-58.74 dB(W/Hz)
6003.4556 MHz	341KD1D	43.80 dBW	-58.74 dB(W/Hz)
6003.9340 MHz	341KD1D	44.10 dBW	-58.74 dB(W/Hz)
6004.4116 MHz	341KD1D	44.10 dBW	-58.74 dB(W/Hz)
6004.8896 MHz	341KD1D	44.10 dBW	-58.74 dB(W/Hz)
6005.3676 MHz	341KD1D	44.00 dBW	-58.74 dB(W/Hz)
6005.8456 MHz	341KD1D	44.20 dBW	-58.74 dB(W/Hz)

RX Frequency:	RX Emission(s):
3776.4838 MHz	370KD1D
3777.00180 MHz	370KD1D
3777.4997 MHz	341KD1D
3777.9776 MHz	341KD1D
3778.4556 MHz	341KD1D
3778.9336 MHz	341KD1D
3779.4116 MHz	341KD1D
3779.8896 MHz	341KD1D
3780.3676 MHz	341KD1D
3780.8456 MHz	341KD1D

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, SHARED BANDS	CLASS OF STATION: FIXED EARTH STATION
License #:	010792622 001
Location:	Cap Au Meules, QC
Coordinates:	47N2243 061W5145
Ground Height (AMSL)/Antenna Height (AGL):	1.00m / 2.20m
Antenna Diameter:	2.40m
Antenna Azimuth/Elevation Angle:	234.07 deg / 20.22 deg
TX Antenna Gain / TX Polarity:	42.60dBi
RX Antenna Gain / RX Polarity:	38.40 dBi
Satellite Operating Arc:	107.30 deg W
Satellite transmission VIA:	CANSAT-34
Date Effective:	January 2, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6294.822 MHz	12M0D1D	61.50 dBw	-51.90 dB(W/Hz)
RX Frequency:	RX Emission(s):		
3920.000 MHz	32M6G1D		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, SHARED BANDS	CLASS OF STATION: FIXED EARTH STATION
License #:	010710348 002
Location:	Goldboro, NS
Coordinates:	45N1039 061W3720
Ground Height (AMSL)/Antenna Height (AGL):	35.00m / 5.0m
Antenna Diameter:	2.40m
Antenna Azimuth/Elevation Angle:	216.13 deg / 31.35 deg
TX Antenna Gain / TX Polarity:	41.70 dBi / Horizontal
RX Antenna Gain / RX Polarity:	38.50 dBi / Vertical
Satellite Operating Arc:	-89 deg
Satellite transmission VIA:	USASAT-24E
Date Effective:	May 20, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,345.16130MHz	74K0G1DE	48.60 dBW	-3.40 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,120.08730MHz	74K0G1DE		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, SHARED BANDS	CLASS OF STATION: FIXED EARTH STATION
License #:	010710346 003
Location:	Goldboro, NS
Coordinates:	45N1039 061W3720
Ground Height (AMSL)/Antenna Height (AGL):	35.00m / 5.00m
Antenna Diameter:	2.40m
Antenna Azimuth/Elevation Angle:	213.77 deg / 41.70 deg
TX Antenna Gain / TX Polarity:	45.80 dBi / Horizontal
RX Antenna Gain / RX Polarity:	38.5 dBi / Vertical
Satellite Operating Arc:	-87 deg
Satellite transmission VIA:	USASAT 24T
Date Effective:	May 20, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,117.15900 MHz	181KG1DD	53.90 dBW	-3.04 dB(W/Hz)
RX Frequency:	RX Emission(s):		
3,895.41950 MHz	181KG1DD		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, SHARED BANDS	CLASS OF STATION: FIXED EARTH STATION
License #:	010707686 003
Location:	Deep Panuke - Offshore Drilling Platform
Coordinates:	43N4848 060W4118
Ground Height (AMSL)/Antenna Height (AGL):	00.00m / 30.00m
Antenna Diameter:	2.40m
Antenna Azimuth/Elevation Angle:	217.89 deg / 32.09 deg
TX Antenna Gain / TX Polarity:	41.70 dBi / Horizontal
RX Antenna Gain / RX Polarity:	38.5 dBi / Vertical
Satellite Operating Arc:	-89 deg
Satellite transmission VIA:	USASAT 24E
Date Effective:	May 20, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,344.66800 MHz	761KG1DD	47.70 dBW	-15.65 dB(W/Hz)
6,345.08730 MHz	74K0G1DE	45.80 dBW	-15.65 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,118.14400 MHz	2M28G1DD		
4,120.16100 MHz	74K0G1DE		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, SHARED BANDS	CLASS OF STATION: FIXED EARTH STATION
License #:	010706891 002
Location:	Deep Panuke - Offshore Drilling Platform
Coordinates:	43N4848 060W4118
Ground Height (AMSL)/Antenna Height (AGL):	00.00m / 30.00m
Antenna Diameter:	2.40m
Antenna Azimuth/Elevation Angle:	215.54 deg / 33.03 deg
TX Antenna Gain / TX Polarity:	41.70 dBi / Horizontal
RX Antenna Gain / RX Polarity:	38.5 dBi / Vertical
Satellite Operating Arc:	-87 deg
Satellite transmission VIA:	USASAT 24T
Date Effective:	May 20, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,116.63300 MHz	790KG1DD	46.87 dBW	-16.48 dB(W/Hz)
6,120.41950 MHz	182KG1DD	53.44 dBW	-16.48 dB(W/Hz)
RX Frequency:	RX Emission(s):		
3,892.15900 MHz	182KG1DD		
3,902.20600 MHz	4M19G1DD		

GOVERNMENT OF CANADA REQUESTS COORDINATION WITH USA

SERVICE: SATELLITE EARTH STATION, SHARED BANDS	CLASS OF STATION: FIXED EARTH STATION
License #:	010814440 001
Location:	Brampton, ON
Coordinates:	43N4022 079W4235
Ground Height (AMSL)/Antenna Height (AGL):	197 m / 2.00m
Antenna Diameter:	2.40m
Antenna Azimuth/Elevation Angle:	204.26 deg / 36.72 deg
TX Antenna Gain / TX Polarity:	41.60 dBi / Linear
RX Antenna Gain / RX Polarity:	37.7 dBi / Linear
Satellite Operating Arc:	-97 deg
Satellite transmission VIA:	USASAT 24D
Date Effective:	July 23, 2019

TX Frequency:	TX Emission(s):	EIRP:	Maximum Power Density:
6,398.50000 MHz	9M00G7W	53.56 dBW	-57.6 dB(W/Hz)
RX Frequency:	RX Emission(s):		
4,173.50000 MHz	9M00G7W		