

Confirmation of verbal authority granted 1-3-2011.

Condition for CTV Television Network Inc, Toronto Canada (CTV).

This STA request to operate a standard Ku band transmitter described in attachment B is granted in the public interest based on the humanitarian value of supporting the 2011 World Junior Hockey championship games from 3 to 6 January 2011 subject to the following conditions:

1. Maximum input power to the antenna must not exceed 27 dBW per 47 CFR 25.211(d)(2).
2. CTV must complete an electronic application of this request via the FCC licensing portal, <http://licensing.fcc.gov/myibfs/> and paying all required filing fees.
3. Authority is granted on a non-interference basis
4. In the event that there is a report of interference, CTV must immediately terminate transmissions.
5. CTV must notify FCC at the conclusion of this event.
6. CTV must comply with all FAA antenna height restrictions defined in 47 CFR Part 17.
7. CTV must make all reasonable and customary measures to ensure that the mobile earth station does not create a potential for harmful non-ionizing radiation to persons who may be in the vicinity of the earth station when it is in operation. At a minimum, permanent warning labels shall be fixed to the earth station and its housing warning of the radiation hazard and including a diagram showing the regions around the earth station where radiation levels could exceed 1.0mW/cm². The earth station operator shall be responsible for assuring that individuals do not stray into the regions around the earth station where there is a potential for exceeding the maximum permissible exposure limits required by 47 C.F.R. § 1.1310. This shall be accomplished by means of signs, caution tape, verbal warnings, placement of the earth station so as to minimize access to the hazardous region, and/or other appropriate means.
8. Future STA requests will not be considered without proper filing of an application via the FCC licensing portal, <http://licensing.fcc.gov/myibfs/> at least three days prior to desired start of transmission and paying required filing fee.
9. If CTV has problems with this matter, please call Paul Blais of Frank Peace at 202.418.7274 or 202.418.0730.



File # N/A
Call Sign N/A Grant Date 1-3-2011
(or other identifier)
Term Dates
From 1-3-2011 To 1-6-2011

Paul E. Blais

January 3, 2011

Federal Communication Commission
International Branch – Satellite Earth Station
445 12th Street S.W.
Washington, DC 20554
Office of the Secretary

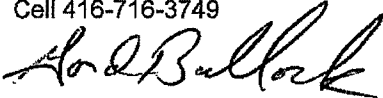
Re: STA Request
Ku-Band Transmit Earth Station
Buffalo New York
Telesat License Number CAN-2A23

To Whom It May Concern:

This STA is being requested to allow **CTV Television Inc.** to provide news coverage from the Buffalo New York using a CTV owned and operated SNG truck. The earth station will transmit news coverage from Buffalo and downlink the signal to the studio location in Toronto, Canada. The signal will be distributed on the applicant's TV broadcast system. All traffic will be on the Horizons 2 satellite located at 74.05 degrees West Longitude. The STA is requested for a period of 3 days beginning on January 3, 2011. This time frame will allow for the news coverage the World Junior Hockey.

If you have any questions, please contact the following

Gord Bullock – Engineering Mobile Supervisor
Cell 416-716-3749



Brian Learoyd
Director of Mobile Engineering
CTV Television – CFTO

9 Channel Nine Court
Toronto, Ontario
M1S 4B5

Phone: 416-332-6441
Cell: 416-702-1162
Fax: 416-332-6339
Email: blearoyd@ctv.ca

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ATTACHMENT B - Page 1 of 3
SATELLITE EARTH STATION TECHNICAL EXHIBIT

02-Sep-05

Company CTV TELEVISION, INC.

Earth Station Name, State

BUFFALO, NEW YORK

Latitude (DMS) (NAD 83)

42 53 16.84 N

Longitude (DMS) (NAD83)

78 50 17.06 W

Ground Elevation AMSL (Ft/m)

600ft

Antenna Centerline AGL (Ft/m)

6.00 / 1.83

Transmit Antenna Type:

ANDREW CORP. ESA24SNG-LTE

14.0 Ghz Gain (dBi) / Diameter (m)

48.9 / 2.4

3 dB / 15 dB Half Beamwidth

0.1 / 0.2

Operating Mode

TRANSMIT ONLY

Modulation

DIGITAL

Emission / Transmit Band (Mhz)

36M0F3F / 14000.0000 - 14500.0000

Max. Available RF Power ((dBW) / 4 kHz)
((dBW) / Mhz)

0.00
24.00

Max. EIRP ((dBW) / 4 kHz)
((dBW) / Mhz)
(dBW)

48.90
72.90
75.89

Max EIRP Density Toward The Horizon (dBW / 4Khz)

-4.33

Max permissible Interference Power

14.0 Ghz, 20% (dBW/4 KHz)

-155.0

14.0 Ghz, 0.0025% (dBW/4 kHz)

-128.0

Range of Satellite Arc (Geostationary)

Degrees Longitude

74.05 W / 74.05 W

Azimuth Range (Min/Max)

180.1 / 180.1

Corresponding Elevation Angles

40.3 / 40.3

Radio Climate

A

Rain Zone

2

Max Great Circle Coordination Distance (Mi /Km)

14.0 GHz

110.2 / 177.4

Precipitation Scatter Contour Radius (Mi / Km)

14.0 GHz

96.2 / 154.8

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600ft

Antenna Centerline AGL (Ft/m)

6.00 / 1.83

Objectives: Transmit -151.1 (dBW / 4 kHz) TX Power

0.0 (dBW/4 khz)

Azimuth (Deg)	Horizon Elevation Angle (Deg)	Antenna Disc. Angle (Deg)	Antenna Gain (dBi)	Coordination Distance (Km)
0	0.22	122.43	-10.00	152.6
5	0.23	118.24	-10.00	151.0
10	0.24	113.99	-10.00	150.1
15	0.39	109.71	-10.00	136.6
20	0.30	105.34	-10.00	144.9
25	0.32	100.96	-10.00	143.0
30	0.32	96.56	-10.00	143.1
35	0.32	92.15	-10.00	142.5
40	0.36	87.73	-10.00	138.8
45	0.36	83.32	-10.00	138.8
50	0.37	78.92	-10.00	138.6
55	0.32	74.54	-10.00	142.8
60	0.31	70.19	-10.00	143.8
65	0.31	65.88	-10.00	144.0
70	0.31	61.62	-10.00	143.4
75	0.31	57.43	-10.00	143.3
80	0.32	53.32	-10.00	142.4
85	0.32	49.33	-10.00	142.9
90	0.31	45.58	-9.45	145.3
95	0.26	41.85	-8.54	153.5
100	0.23	38.45	-7.62	159.9
105	0.00	35.53	-6.76	168.1
110	0.00	32.86	-5.92	171.3
115	0.00	30.71	-5.18	174.1
120	0.00	29.19	-4.63	176.2
125	0.00	28.40	-4.33	177.3
130	0.00	28.41	-4.34	177.3
135	0.00	29.22	-4.64	176.2
140	0.00	30.76	-5.20	174.1
145	0.00	32.92	-5.94	171.2
150	0.00	35.61	-6.79	168.0
155	0.00	38.69	-7.69	164.6
160	0.00	42.10	-8.61	159.6
165	0.00	45.74	-9.51	156.3
170	0.00	49.58	-10.00	154.5
175	0.00	53.55	-10.00	154.5
180	0.00	57.64	-10.00	154.5

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6.00 / 1.83

Objectives: Transmit -151.1 (dBW / 4 kHz) TX Power

0.0 (dBW/4 khz)

Azimuth (Deg)	Horizon Elevation Angle	Antenna Disc. Angle	Antenna Gain (dBi)	Coordination Distance (Km)
185	0.00	61.82	-10.00	154.5
190	0.00	66.07	-10.00	154.5
195	0.00	70.37	-10.00	154.5
200	0.00	74.71	-10.00	154.5
205	0.00	79.07	-10.00	154.5
210	0.00	83.46	-10.00	154.5
215	0.00	87.86	-10.00	154.5
220	0.00	92.26	-10.00	154.5
225	0.00	96.66	-10.00	154.5
230	0.00	101.04	-10.00	154.5
235	0.00	105.41	-10.00	154.5
240	0.00	109.75	-10.00	154.5
245	0.00	114.04	-10.00	154.5
250	0.00	118.29	-10.00	154.5
255	0.00	122.47	-10.00	154.5
260	0.00	126.55	-10.00	154.5
265	0.00	130.53	-10.00	154.5
270	0.00	134.36	-10.00	154.5
275	0.00	138.00	-10.00	154.5
280	0.00	141.39	-10.00	154.5
285	0.00	144.47	-10.00	154.5
290	0.00	147.14	-10.00	154.5
295	0.00	149.29	-10.00	154.5
300	0.00	150.81	-10.00	154.5
305	0.00	151.60	-10.00	154.5
310	0.00	151.59	-10.00	154.5
315	0.00	150.78	-10.00	154.5
320	0.00	149.24	-10.00	154.5
325	0.00	147.08	-10.00	154.5
330	0.00	144.39	-10.00	154.5
335	0.00	141.31	-10.00	154.5
340	0.00	137.90	-10.00	154.5
345	0.00	134.26	-10.00	154.5
350	0.00	130.42	-10.00	154.5
355	0.00	126.45	-10.00	154.5