LETTER OF UNDERSTANDING BETWEEN THE FEDERAL COMMUNICATIONS COMMISSION OF THE UNITED STATES OF AMERICA AND INDUSTRY CANADA RELATED TO THE USE OF THE 54-72 MHz, 76-88 MHz, 174-216 MHz AND 470-806 MHz BANDS FOR THE DIGITAL TELEVISION BROADCASTING SERVICE ALONG THE COMMON BORDER

Considering that there is currently in effect an *Agreement Between the Government of the United States of America and the Government of Canada Relating to the TV Broadcasting Service, Nov. 3, 1993 – Jan. 5, 1994* (the existing Agreement);

Considering that discussions have taken place between the Federal Communications Commission and Industry Canada (hereafter the "Administrations") on the use of the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz bands to permit television broadcasting services utilizing digital techniques along the common border;

Considering that the Federal Communications Commission released a United States (U.S.) Table of Allotments for digital television (DTV) on February 23, 1998, and that Industry Canada released a Canadian DTV Transition Allotment Plan in a Canada Gazette Notice dated April 24, 1999;

Considering that there is general agreement by both Administrations that the entries contained in the two Tables of Allotments are deemed mutually acceptable, and that both the Federal Communications Commission and Industry Canada are prepared to bring into service DTV stations listed therein; and

Considering that allocations have been made to other services in the 470-806 MHz band,

The representatives of the Federal Communications Commission and Industry Canada have reached the following understanding on the use of the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz bands within 400 kilometers of the common border:

1. This letter of understanding is subject to the existing Agreement. The existing Agreement, therefore, will apply to relations between analog stations in the two countries. Insofar as the existing Agreement was not intended to govern digital stations, this understanding will apply to relations between analog and digital stations or allotments and between digital stations or allotments.

2. Each DTV allotment in the Plan contained in Appendix 1 was examined to determine if it is mutually acceptable. Some of the allotments did not meet the requirements of the distance separation tables in Appendix 2, but were deemed to be acceptable. All proposed allotments of both countries were accepted, although, in a few cases, acceptance was based on adjustments noted in the Plan. The procedure used in arriving at their acceptance is shown in Appendix 3.

3. When an Administration intends to implement a DTV allotment that is listed in the Plan, and the proposed parameters∗ do not exceed those specified in the Plan, then the initiating Administration will notify the other Administration, by registered mail or mutually accepted electronic means, that it is implementing that DTV allotment. The notified parameters will be considered to be already approved and operation of the notified parameters may begin 21 days after the date on which the notification is sent.

4. When an Administration intends to implement a DTV allotment that is listed in the Plan, and the proposed parameters exceed those specified in the Plan, but meet the spacing requirements in Appendix 2 that are consistent with the modified parameters, then the initiating Administration will notify the other Administration, by registered mail or mutually accepted electronic means, that it is implementing that DTV allotment. The notified parameters will be considered to be approved unless the affected Administration objects, stating the reason for the objection, within 21 days of the date on which the notification is sent. In the case of an objection, discussions to resolve the situation will follow.

5. When an Administration intends to implement a DTV allotment that is listed in the Plan, and the proposed parameters exceed those specified in the Plan, but *do not* meet the spacing requirements in Appendix 2, then the initiating Administration will notify the other Administration, by registered mail or mutually accepted electronic means, that it intends to implement that DTV allotment. A study using pertinent HAAT obtained from terrain data and TV propagation curves will be performed. If the study shows interference, then a study using the Longley-Rice propagation model will be performed. The appropriate terrain data and Longley-Rice model are specified in Appendix 2. Such studies may take into account additional relevant technical factors, including actual antenna patterns and beam tilting. The results of any studies will be included with the notification.

    a. Operation of the notified parameters may begin only after a favorable response is received, or there is no response within the time period specified in subparagraph b below.

    b. A response to the notification will be delivered within forty-five (45) days from the date of receipt; if no response is received by the end of the forty-five (45) day period, it will be assumed by the notifying Administration

∗ Parameters include Effective Radiated Power (ERP), Height Above Average Terrain (HAAT), location, and, if a directional antenna is used, its pattern in the horizontal plane, and, if beam tilt is used, the antenna pattern in the vertical plane. Terrain based calculations may be used. However, if parameters in the Plan were accepted on the basis of terrain based calculations, such calculations will also be used for the comparison.

that the notification has been approved.

c. If the receiving Administration objects to a notification, the reasons for the objection will be given. While all requests will be judged for acceptability on a case-by-case basis and every attempt will be made to reasonably accommodate requests, the Administrations agree that changes that result in new interference to any station or allotment which affects the population or area coverage by 2% or less, provided that the cumulative interference into the affected station or allotment is not excessive, will generally be deemed acceptable.

6. When an Administration intends to implement a DTV allotment that is new (not listed in the Plan) and meets the spacing requirements in Appendix 2, the initiating Administration will notify the other Administration, by registered mail or mutually accepted electronic means, that it intends to implement that new DTV allotment. The notified parameters will be considered to be approved unless the affected Administration objects, stating the reason for the objection, within 21 days of the date the notification is sent. In the case of an objection, discussions to resolve the situation will follow.

7. When an Administration intends to implement a DTV allotment that is new (not listed in the Plan) and does not meet the spacing requirements in Appendix 2, the initiating Administration will notify the other Administration, by registered mail or mutually accepted electronic means, that it intends to implement that new DTV allotment. A study using pertinent HAAT obtained from terrain data and TV propagation curves will be performed. If that study shows interference, then a study using the Longley-Rice propagation model will be performed. The appropriate terrain data and Longley-Rice model are specified in Appendix 2. Such studies may take into account additional relevant technical factors, including actual antenna patterns and beam tilting. The results of any studies will be included with the notification.

a. Operation with the notified parameters may begin only after a favorable response is received, unless there is no response within the time period specified in subparagraph b below.

b. A response to the notification will be delivered within forty-five (45) days from the date of receipt; if no response is received by the end of the forty-five (45) day period, it will be assumed by the notifying Administration that the notification has been approved.

c. If the receiving Administration objects to a notification, the reasons for the objection will be given. While all requests will be judged for acceptability on a case-by-case basis and every attempt will be made to reasonably

accommodate requests, the Administrations agree that changes that result in new interference to any station or allotment which affects the population or area coverage by 2% or less, provided that the cumulative interference into the affected station or allotment is not excessive, will generally be deemed acceptable.

8. For responses under paragraphs 4 through 7, if an Administration is unable to complete its evaluation of a notification within the deadlines specified, it may request an extension of up to 30 days.

9. When an Administration wants to implement a DTV allotment to which an objection is timely filed pursuant to paragraphs 4 through 7, coordination between the Administrations will be required.

10. When a new allotment or a modification to an existing allotment is accepted, the Plan will be updated accordingly.

11. Future Accommodation of Out-of-Core Allotments

Considering that some stations have allotments in spectrum that is designated or planned to be recovered for other uses, i.e., TV channels 52-69 in the US, and Canada is also independently considering a reduction of the spectrum allocated to television after cessation of analog operation, both Administrations agree to continue to review the entries in their respective DTV tables of allotments and to make reasonable efforts to accommodate such stations with new allotments, to the extent possible, during the transition and in the development of a revised post-transition Plan.

12. Low Power analog or DTV stations

As in the existing Agreement, low power television stations are secondary relative to regular power television stations. Proposed analog low power television stations within 32 km of the common border or digital low power television stations within 100 km of the common border will be referred to the other Administration for approval. They will also be referred if the pertinent interfering contour would fall within the territory of the other country. A response to the referral of a low power station proposal will be delivered within forty-five (45) days from the date of receipt; if no response is received by the end of the forty-five (45) day period, it will be assumed by the notifying Administration that the proposal has been approved.

13. Additional Allocations or Services

Until a separate agreement is reached on non-broadcast uses, such new services shall not claim protection from DTV stations or analog TV stations established in accordance with the existing Agreement. Furthermore, such services in the 746-806 MHz band shall provide a protection ratio of 40 dB to co-channel and 0 dB to adjacent channel analog TV, and 17 dB to co-channel and -23 dB to adjacent channel DTV. Protection is to the 64 dBµV/m contour of analog TV stations and the 41 dBµV/m contour of DTV stations and is based on interference at 50% of locations no more than 10% of the time.

14. For the purpose of calculating interference, the basic principles specified in paragraphs 3.1.2 and 3.1.3 of the existing Agreement will apply.

This Letter of Understanding will be effective upon signature by both parties.

This Letter of Understanding will remain in effect until the entry into force of a binding bilateral agreement, or until notice of termination is given by either Administration.

FOR THE FEDERAL COMMUNICATIONS COMMISSION

William E. Kennard
Chairman
Federal Communications Commission

Washington, D.C.
September 12, 2000

FOR INDUSTRY CANADA

Michael Binder
Assistant Deputy Minister
Spectrum, Information Technologies & Telecommunications
Industry Canada

Ottawa, Ontario, Canada
September 22, 2000

Attachments:

Appendix 1 – The Plan
- Appendix 1A U.S allotments within 400 km of the border
- Appendix 1B Canadian allotments within 400 km of the border

Appendix 2 – Planning and Separation Criteria
Appendix 3 – Initial Allotment Acceptance Procedure

APPENDIX 1 - THE PLAN

APPENDIX 1A

US REGULAR POWER STATIONS AND ALLOTMENTS WITHIN 400 KM OF BORDER

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
2	18	FAIRBANKS	AK	645042	1474252	28	33	60.3	33	
7	22	FAIRBANKS	AK	644844	1474202	8	268	50	33	
9	24	FAIRBANKS	AK	645442	1474638	47	152	79.4	152	
11	26	FAIRBANKS	AK	645036	1474248	50	33	50	33	
13	28	FAIRBANKS	AK	645036	1474248	50	33	50	33	
3	6	JUNEAU	AK	581804	1342521	2	33	1	33	
8	11	JUNEAU	AK	581806	1342629	0	33	3.2	33	
4	13	KETCHIKAN	AK	552059	1314012	1	174	3.2	174	
4	20	NORTH POLE	AK	645244	1480310	19	485	213.8	485	
13	2	SITKA	AK	570302	1352003	2	33	1	33	
43	42	BRIDGEPORT	CT	412143	730648	2290	156	50	156	
49	52	BRIDGEPORT	CT	411643	731108	1950	222	50	222	
3	33	HARTFORD	CT	414630	724820	100	276	1000	276	
18	46	HARTFORD	CT	414630	724804	3160	299	219.5	299	
24	32	HARTFORD	CT	414627	724820	813	262	50	262	
61	5	HARTFORD	CT	414213	724957	5000	515	1	515	
30	35	NEW BRITAIN	CT	414202	724957	3090	451	134	451	
8	10	NEW HAVEN	CT	412523	725706	174	363	8.6	363	
59	6	NEW HAVEN	CT	412523	725706	5000	314	1	314	
65	39	NEW HAVEN	CT	411942	725425	7.94	82	50	82	
53	45	NORWICH	CT	413111	721004	794	207	50	207	
20	12	WATERBURY	CT	413104	730107	2240	366	3.2	366	
26	45	COEUR D'ALENE	ID	474354	1164347	12.3	465	50	465	
3	32	LEWISTON	ID	462727	1170556	56.2	384	1000	384	
12	35	MOSCOW	ID	464054	1165813	316	346	804.7	346	
60	59	AURORA	IL	415244	873810	5000	494	187.8	494	
2	3	CHICAGO	IL	415356	873723	35.5	418	2.6	418	
5	29	CHICAGO	IL	415244	873810	20	494	200.1	494	
7	52	CHICAGO	IL	415244	873810	55	515	153.6	515	
9	19	CHICAGO	IL	415356	873723	110	415	163.8	415	
11	47	CHICAGO	IL	415244	873810	60.3	497	157	497	
20	21	CHICAGO	IL	415356	873723	2340	378	81.7	378	
26	27	CHICAGO	IL	415244	873810	2000	472	70.5	472	
32	31	CHICAGO	IL	415356	873723	5000	430	218	430	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
38	43	CHICAGO	IL	415356	873723	5000	381	215.3	381	
44	45	CHICAGO	IL	415356	873723	4270	433	167.9	433	
66	53	JOLIET	IL	415356	873723	5000	393	134.4	393	
63	12	ANGOLA	IN	412715	844810	1380	144	3.2	144	
4	53	BLOOMINGTON	IN	392427	860852	58.9	357	1000	357	
30	14	BLOOMINGTON	IN	390832	862943	832	216	50	216	
42	56	BLOOMINGTON	IN	392412	860850	5000	317	236	317	
63	27	BLOOMINGTON	IN	392416	860837	1820	328	50	328	
28	58	ELKHART	IN	413658	861138	5000	335	358.8	335	
15	4	FORT WAYNE	IN	410538	851048	437	253	1	253	
21	24	FORT WAYNE	IN	410608	851104	562	226	50	226	
33	19	FORT WAYNE	IN	410540	851036	589	235	50	235	
39	40	FORT WAYNE	IN	410613	851128	1380	223	50	223	
55	36	FORT WAYNE	IN	410633	851144	603	238	50	238	
50	51	GARY	IN	415244	873810	5000	494	194.8	494	
56	17	GARY	IN	412056	872402	1350	306	50	306	
62	36	HAMMOND	IN	413310	874709	5000	146	75.8	146	
6	25	INDIANAPOLIS	IN	395359	861202	100	302	1000	302	
8	9	INDIANAPOLIS	IN	395325	861220	316	305	15.3	305	
13	46	INDIANAPOLIS	IN	395543	861055	316	299	1000	299	
20	21	INDIANAPOLIS	IN	395359	861201	1480	259	50	259	
40	16	INDIANAPOLIS	IN	395339	861219	2090	302	50	302	
59	45	INDIANAPOLIS	IN	395320	861207	4470	304	114.5	304	
69	44	INDIANAPOLIS	IN	395025	861034	9.77	167	50	167	
29	54	KOKOMO	IN	402020	855715	3090	236	139.9	236	
18	11	LAFAYETTE	IN	402320	863646	1480	238	3.2	238	
23	32	MARION	IN	400857	855615	5000	295	260.9	295	
49	52	MUNCIE	IN	400938	852242	676	155	50	155	
43	39	RICHMOND	IN	393044	843809	2290	302	59.9	302	
16	42	SOUTH BEND	IN	413620	861245	5000	326	390.9	326	
22	30	SOUTH BEND	IN	413700	861301	4790	325	242.3	325	
34	35	SOUTH BEND	IN	413659	861143	1380	246	50	246	
46	48	SOUTH BEND	IN	413543	860938	1120	305	50	305	
25	26	ASHLAND	KY	382743	823712	162	152	50	152	
61	44	ASHLAND	KY	382511	822406	1950	189	50	189	
54	24	COVINGTON	KY	390150	843023	162	122	50	122	
38	15	MOREHEAD	KY	381038	832418	676	293	50	293	
67	21	MOREHEAD	KY	381725	832256	5000	247	65.6	247	
19	29	NEWPORT	KY	390719	843252	4680	306	258.7	306	
52	44	OWENTON	KY	383132	844840	676	216	50	216	
19	36	ADAMS	MA	423814	731007	447	637	50	637	
2	19	BOSTON	MA	421837	711414	87.1	317	1000	317	
4	30	BOSTON	MA	421837	711414	60.3	354	818	354	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
5	20	BOSTON	MA	421837	711414	100	299	1000	299	
7	42	BOSTON	MA	421840	711300	316	306	947.9	306	
25	31	BOSTON	MA	421812	711308	1950	357	67.5	357	
38	39	BOSTON	MA	421812	711308	2340	354	70.8	354	
44	43	BOSTON	MA	421837	711414	1510	329	50	329	
68	32	BOSTON	MA	422050	710459	1350	249	50	249	
56	41	CAMBRIDGE	MA	421812	711308	2240	360	50	360	
62	18	LAWRENCE	MA	422129	710340	5000	186	52.6	186	
66	23	MARLBOROUGH	MA	422301	712935	3630	326	50	326	
6	49	NEW BEDFORD	MA	413548	711124	100	283	1000	283	
28	22	NEW BEDFORD	MA	414639	705541	5000	229	155.1	229	
46	52	NORWELL	MA	420136	710335	501	107	50	107	
22	11	SPRINGFIELD	MA	420505	724214	3390	268	3.2	268	
40	55	SPRINGFIELD	MA	421430	723857	4270	322	200.8	322	
57	58	SPRINGFIELD	MA	421430	723854	1480	306	50	306	
58	40	VINEYARD HAVEN	MA	414119	702049	1150	155	50	155	
27	29	WORCESTER	MA	422007	714254	1150	466	50	466	
48	47	WORCESTER	MA	420832	721328	3020	398	101	398	
25	55	HAGERSTOWN	MD	393935	775757	1350	375	67.7	375	
31	44	HAGERSTOWN	MD	393904	775815	4070	378	209.2	378	
68	16	HAGERSTOWN	MD	395331	775802	3890	394	50	394	
36	54	OAKLAND	MD	392414	791737	245	216	50	216	
10	17	AUGUSTA	ME	440916	700037	316	305	628.9	305	
2	25	BANGOR	ME	444410	684017	51.3	192	1000	192	
5	19	BANGOR	ME	444213	690447	39.8	402	464.6	402	
7	14	BANGOR	ME	444535	683401	316	250	994.4	250	
26	45	BIDDEFORD	ME	432500	704809	692	244	50	244	
13	15	CALAIS	ME	450144	671924	100	134	186	134	-13 DB TO 15D DIGBY NS
35	28	LEWISTON	ME	435106	701940	501	258	50	258	
12	22	ORONO	ME	444536	683359	316	302	990.7	302	-7 DB TO 22D SAINT JOHN NB
8	46	POLAND SPRING	ME	441613	711813	105	1173	256.7	1173	
6	44	PORTLAND	ME	435132	704240	100	610	1000	610	
13	38	PORTLAND	ME	435528	702928	316	491	826.4	491	
51	4	PORTLAND	ME	435106	701940	3020	280	1	280	
8	16	PRESQUE ISLE	ME	464344	680007	58.9	107	59.9	107	
10	20	PRESQUE ISLE	ME	463305	674837	316	332	544	332	
62	0	PRESQUE ISLE	ME	463125	674853	1000	409	0	0	
23	0	WATERVILLE	ME	443352	693639	151	74	0	0	
6	57	ALPENA	MI	450817	840944	100	448	1000	448	
11	13	ALPENA	MI	444225	833123	316	204	12.2	204	
31	33	ANN ARBOR	MI	422225	840414	1230	329	50	329	
35	15	BAD AXE	MI	434126	825629	85.1	155	50	155	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
41	20	BATTLE CREEK	MI	423415	852811	5000	329	122.9	329	
43	44	BATTLE CREEK	MI	424045	850357	5000	323	191.7	323	
5	22	BAY CITY	MI	432813	835035	100	305	1000	305	
9	40	CADILLAC	MI	440812	852033	316	497	857.6	497	
27	58	CADILLAC	MI	440822	852028	275	180	50	180	
33	47	CADILLAC	MI	440853	852045	219	311	50	311	
5	18	CALUMET	MI	470212	884142	100	295	1000	295	
4	14	CHEBOYGAN	MI	453901	842037	100	189	1000	189	
2	58	DETROIT	MI	422738	831250	100	305	1000	305	
4	45	DETROIT	MI	422858	831219	100	306	1000	306	
7	41	DETROIT	MI	422815	831500	316	305	1000	305	
20	21	DETROIT	MI	422901	831844	1200	293	50	293	
50	14	DETROIT	MI	422901	831844	2340	293	50	293	
56	43	DETROIT	MI	422901	831844	2090	293	50	293	
62	44	DETROIT	MI	422652	831023	5000	327	121.8	327	
23	55	EAST LANSING	MI	424208	842451	1230	296	56.8	296	
3	48	ESCANABA	MI	460804	865652	100	363	1000	363	
12	36	FLINT	MI	431348	840335	316	287	1000	287	
28	52	FLINT	MI	425357	832742	2450	265	120.9	265	
66	16	FLINT	MI	431318	840314	5000	287	60.7	287	
8	7	GRAND RAPIDS	MI	424113	853035	316	302	15.1	302	
13	39	GRAND RAPIDS	MI	431834	855444	316	305	1000	305	
17	19	GRAND RAPIDS	MI	424115	853157	1290	334	50	334	
35	11	GRAND RAPIDS	MI	425735	855345	1320	262	3.2	262	
8	22	IRON MOUNTAIN	MI	454910	880235	30.2	190	50	190	
24	0	IRONWOOD	MI	462724	900740	1100	172	0	0	
10	0	ISHPEMING	MI	462139	880513	316	257	0	0	
18	34	JACKSON	MI	421408	842400	8.91	73	50	73	
3	2	KALAMAZOO	MI	423756	853216	100	305	7.2	305	
52	5	KALAMAZOO	MI	421824	853926	44.7	125	1	125	
64	45	KALAMAZOO	MI	423352	852731	2510	319	50	319	
6	59	LANSING	MI	424114	842235	100	305	1000	305	
47	38	LANSING	MI	422803	843906	1350	305	50	305	
53	51	LANSING	MI	422511	843126	1660	299	50	299	
21	17	MANISTEE	MI	440357	861958	224	104	50	104	
6	35	MARQUETTE	MI	462011	875055	100	296	1000	296	
13	33	MARQUETTE	MI	462109	875132	316	332	740.1	332	
19	0	MARQUETTE	MI	462110	875115	1000	300	0	0	
38	39	MOUNT CLEMENS	MI	423315	825315	5000	192	148	192	
14	56	MOUNT PLEASANT	MI	433424	844621	204	158	50	158	
54	24	MUSKEGON	MI	425725	855407	4370	294	80	294	
10	57	ONONDAGA	MI	422633	843421	316	299	1000	299	
25	30	SAGINAW	MI	431301	834317	4070	402	193.3	402	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
49	48	SAGINAW	MI	431318	840314	1000	287	50	287	
8	56	SAULT STE. MARIE	MI	460306	840640	316	290	1000	290	
10	49	SAULT STE. MARIE	MI	460349	840608	316	370	977.6	370	
7	50	TRAVERSE CITY	MI	441633	854249	316	411	1000	411	
29	31	TRAVERSE CITY	MI	444454	850408	2000	399	63	399	
19	18	UNIVERSITY CENTER	MI	433343	835854	1290	140	50	140	
45	59	VANDERBILT	MI	451012	844504	832	324	50	324	
7	24	ALEXANDRIA	MN	454103	950814	316	341	581.9	341	
42	14	ALEXANDRIA	MN	454159	951036	2750	358	50	358	
9	18	BEMIDJI	MN	474203	942915	316	329	523.6	329	
26	0	BEMIDJI	MN	472218	945256	5000	108	0	0	
22	28	BRAINERD	MN	462521	942741	214	227	50	227	
3	33	DULUTH	MN	464707	920715	100	302	1000	302	
8	38	DULUTH	MN	464731	920721	316	290	1000	290	
10	43	DULUTH	MN	464713	920717	316	301	1000	301	
21	17	DULUTH	MN	464741	920705	44.7	180	50	180	
13	36	HIBBING	MN	472252	925718	126	204	511.2	204	
11	0	INTERNATIONAL FALLS	MN	482409	932852	316	137	0	0	
4	32	MINNEAPOLIS	MN	450345	930821	100	436	1000	436	
9	26	MINNEAPOLIS	MN	450330	930727	316	435	631.6	435	
11	35	MINNEAPOLIS	MN	450344	930821	316	439	762.3	439	
23	22	MINNEAPOLIS	MN	450330	930727	4570	351	186.1	351	
29	21	MINNEAPOLIS	MN	450330	930727	5000	373	175.1	373	
45	44	MINNEAPOLIS	MN	450344	930821	5000	375	182.8	375	
41	40	ST. CLOUD	MN	452300	934230	2750	448	92.1	448	
2	34	ST. PAUL	MN	450330	930727	100	399	1000	399	
5	50	ST. PAUL	MN	450345	930822	100	436	1000	436	
17	16	ST. PAUL	MN	450329	930727	331	396	50	396	
10	57	THIEF RIVER FALLS	MN	480119	962212	123	183	692.6	183	
12	20	WALKER	MN	465603	942725	316	283	736.5	283	
2	17	BILLINGS	MT	454600	1082727	100	165	1000	165	
6	18	BILLINGS	MT	454826	1082025	100	249	1000	249	
8	11	BILLINGS	MT	454535	1082714	316	229	14.5	229	
14	0	BILLINGS	MT	454553	1082716	5000	113	0	0	
7	16	BOZEMAN	MT	454024	1105202	43.7	249	56.9	249	
9	20	BOZEMAN	MT	454000	1110310	3.39	33	50	33	
4	15	BUTTE	MT	460027	1122630	100	576	1000	576	
6	2	BUTTE	MT	460027	1122630	100	591	11.2	591	
18	19	BUTTE	MT	460024	1122630	2690	585	110.7	585	
24	0	BUTTE	MT	460027	1122630	339	578	0	0	
5	15	GLENDIVE	MT	470315	1044045	14.8	152	125.6	152	
3	44	GREAT FALLS	MT	473209	1111702	100	180	1000	180	
5	39	GREAT FALLS	MT	473208	1111702	100	180	1000	180	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
16	45	GREAT FALLS	MT	473626	1112127	2040	319	125.6	319	
26	0	GREAT FALLS	MT	473223	1111706	324	175	0	0	
4	22	HARDIN	MT	454429	1080819	100	323	1000	323	
9	0	HAVRE	MT	482939	1094248	316	147	0	0	
10	29	HELENA	MT	463547	1121747	316	579	776.4	579	
12	14	HELENA	MT	464935	1114233	117	686	169.8	686	
9	38	KALISPELL	MT	480048	1142155	26.3	850	52.5	850	
13	0	LEWISTOWN	MT	471040	1093207	3.39	647	0	0	
3	13	MILES CITY	MT	462448	1055104	10.5	31	3.2	31	
8	35	MISSOULA	MT	470106	1140041	275	655	1000	655	
11	27	MISSOULA	MT	464809	1135821	3.02	631	50	631	
13	40	MISSOULA	MT	470104	1140047	302	610	1000	610	
17	0	MISSOULA	MT	464830	1135838	324	515	0	0	
23	36	MISSOULA	MT	470110	1140046	1820	642	96.6	642	
3	22	BISMARCK	ND	463517	1004807	79.4	425	906.8	425	
5	31	BISMARCK	ND	463619	1004830	100	427	1000	427	
12	23	BISMARCK	ND	463517	1004826	316	466	601	466	
17	16	BISMARCK	ND	463511	1004820	513	290	50	290	
26	0	BISMARCK	ND	463523	1004802	1780	339	0	0	
8	59	DEVILS LAKE	ND	480824	975938	316	451	1000	451	
2	19	DICKINSON	ND	464330	1025458	100	256	1000	256	
7	18	DICKINSON	ND	465649	1025917	316	223	1000	223	
9	20	DICKINSON	ND	464334	1025456	214	246	739.7	246	
19	20	ELLENDALE	ND	461755	985158	407	179	50	179	
6	21	FARGO	ND	470043	971158	100	351	1000	351	
11	58	FARGO	ND	472036	971717	316	610	1000	610	
13	23	FARGO	ND	470048	971137	245	344	427	344	
15	19	FARGO	ND	464026	961340	4170	379	196.5	379	
2	56	GRAND FORKS	ND	480824	975938	100	408	1000	408	
27	0	GRAND FORKS	ND	472051	971853	5000	595	0	0	
7	14	JAMESTOWN	ND	465530	984621	316	135	1000	135	
6	57	MINOT	ND	480303	1012324	100	323	1000	323	
10	58	MINOT	ND	481256	1011905	214	207	1000	207	
13	45	MINOT	ND	480302	1012029	316	344	1000	344	
14	15	MINOT	ND	480313	1012305	513	829	50	829	
24	0	MINOT	ND	480303	1012324	1820	253	0	0	
12	15	PEMBINA	ND	485942	972426	316	427	486.2	427	
4	38	VALLEY CITY	ND	471645	972018	97.7	619	1000	619	
4	51	WILLISTON	ND	480830	1035334	79.4	278	1000	278	
8	52	WILLISTON	ND	480802	1035136	166	323	719.1	323	
11	14	WILLISTON	ND	480822	1035324	174	299	447.6	299	
40	15	BERLIN	NH	442216	711253	10.5	91	50	91	
21	33	CONCORD	NH	431104	711912	1860	320	74.6	320	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
50	35	DERRY	NH	424407	712336	4790	213	96.1	213	
11	57	DURHAM	NH	431033	711229	316	302	1000	302	
52	49	KEENE	NH	430200	722204	95.5	329	50	329	
49	48	LITTLETON	NH	442114	714423	93.3	390	50	390	
9	59	MANCHESTER	NH	425859	713519	282	314	1000	314	
60	34	MERRIMACK	NH	425902	713520	1410	308	50	308	
47	36	LINDEN	NJ	404243	740049	4570	460	148.9	460	
50	51	MONTCLAIR	NJ	405153	741203	5000	243	179.2	243	
58	18	NEW BRUNSWICK	NJ	403717	743015	1320	223	50	223	
13	61	NEWARK	NJ	404243	740049	60.3	500	198.7	500	
68	53	NEWARK	NJ	404454	735910	2630	439	55.9	439	
63	8	NEWTON	NJ	410036	743539	2190	223	3.2	223	
41	40	PATERSON	NJ	404454	735910	2340	421	69.1	421	
9	38	SECAUCUS	NJ	404243	740049	61.7	500	136.4	500	
66	29	WEST MILFORD	NJ	410714	741203	24	217	50	217	
10	26	ALBANY	NY	423815	735954	316	305	1000	305	
13	15	ALBANY	NY	424708	733744	178	357	505.7	357	
23	4	ALBANY	NY	423701	740046	3020	366	1	366	
55	50	AMSTERDAM	NY	425905	741049	5000	223	136.8	223	
62	0	ARCADE	NY	422852	783403	1290	164	0	0	
51	53	BATAVIA	NY	425342	780056	708	124	50	124	-3 DB TO 53D TORONTO ON
14	0	BATH	NY	421828	771317	1000	318	0	0	
12	7	BINGHAMTON	NY	420333	755706	166	369	8.6	369	
34	4	BINGHAMTON	NY	420339	755636	1480	281	1	281	
40	8	BINGHAMTON	NY	420322	755639	468	375	3.2	375	
46	42	BINGHAMTON	NY	420322	755639	603	375	50	375	
2	33	BUFFALO	NY	424306	783348	100	287	1000	287	-3 DB TO 33D BARRIE ON
4	39	BUFFALO	NY	423933	783733	100	366	1000	366	
7	38	BUFFALO	NY	423815	783712	100	433	238.1	433	
17	43	BUFFALO	NY	430148	785515	2510	330	156	330	
23	32	BUFFALO	NY	430148	785515	955	314	50	314	
29	14	BUFFALO	NY	430127	785540	1260	280	50	280	
49	34	BUFFALO	NY	424658	782728	4900	376	148.9	376	-20 DB TO 34D PETERBOROUGH ON
7	35	CARTHAGE	NY	435716	754345	316	221	1000	221	
30	0	CORNING	NY	420155	764702	813	242	0	0	
48	50	CORNING	NY	420943	770215	12	166	50	166	
18	2	ELMIRA	NY	420622	765217	603	376	1	376	
36	55	ELMIRA	NY	420620	765217	468	320	50	320	
52	0	ITHACA	NY	422035	760705	123	206	0	0	
26	27	JAMESTOWN	NY	422336	791344	5000	463	238.7	463	
62	21	KINGSTON	NY	420506	740600	5000	591	98	591	
34	0	LAKE PLACID	NY	441536	740122	617	33	0	0	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
2	56	NEW YORK	NY	404243	740049	21.4	482	364.6	482	
4	28	NEW YORK	NY	404243	740049	17.4	515	163.5	515	
5	44	NEW YORK	NY	404243	740049	17.4	515	224.8	515	
7	45	NEW YORK	NY	404243	740049	64.6	491	164.3	491	
11	33	NEW YORK	NY	404243	740049	58.9	506	116.8	506	
25	24	NEW YORK	NY	404454	735910	2450	395	80.7	395	
31	30	NEW YORK	NY	404243	740049	2820	475	104.1	475	
5	14	NORTH POLE	NY	443426	734029	25.1	607	215.8	607	
18	23	NORWOOD	NY	442930	745129	661	243	50	243	
57	38	PLATTSBURGH	NY	444143	735300	794	741	50	741	
54	27	POUGHKEEPSIE	NY	414309	735947	5000	490	117.5	490	
8	45	ROCHESTER	NY	430807	773502	316	152	1000	152	
10	58	ROCHESTER	NY	430807	773502	316	152	1000	152	
13	59	ROCHESTER	NY	430807	773503	316	152	1000	152	
21	16	ROCHESTER	NY	430807	773503	1230	152	50	152	
31	28	ROCHESTER	NY	430807	773503	1200	152	50	152	
61	0	ROCHESTER	NY	430807	773503	2000	130	0	0	
61	0	SARANAC LAKE	NY	440935	742834	550	440	0	0	
6	39	SCHENECTADY	NY	423812	735945	93.3	311	1000	311	
17	34	SCHENECTADY	NY	423813	740006	2630	299	156.4	299	
45	43	SCHENECTADY	NY	423737	740040	2950	338	98.6	338	
67	23	SMITHTOWN	NY	405323	725713	2630	219	50	219	
67	46	SPRINGVILLE	NY	422416	783953	38.9	160	50	160	
3	54	SYRACUSE	NY	425640	760708	100	305	1000	305	
5	47	SYRACUSE	NY	425719	760634	83.2	290	1000	290	
9	17	SYRACUSE	NY	425642	760128	79.4	462	108.2	462	
24	25	SYRACUSE	NY	425642	760128	2290	422	86.5	422	
43	44	SYRACUSE	NY	425250	761159	794	445	50	445	
56	0	SYRACUSE	NY	425654	760121	17	210	0	0	
68	19	SYRACUSE	NY	425250	761159	1000	445	50	445	
2	29	UTICA	NY	430609	745627	34.7	421	546.1	421	
20	30	UTICA	NY	430843	751035	1150	244	50	244	
33	27	UTICA	NY	430214	752640	851	193	50	193	
59	0	UTICA	NY	430838	751040	10	250	0	0	
16	41	WATERTOWN	NY	435144	754340	617	370	50	370	
50	21	WATERTOWN	NY	435247	754311	1000	387	50	387	
57	0	WAVERLY	NY	420240	763550	1550	300	0	0	
23	59	AKRON	OH	410351	813459	5000	293	449.1	293	
49	50	AKRON	OH	410458	813800	692	299	50	299	
55	30	AKRON	OH	412302	814144	5000	356	108.8	356	
45	46	ALLIANCE	OH	405423	805440	1820	253	50	253	
20	27	ATHENS	OH	391850	820854	1000	244	50	244	
27	56	BOWLING GREEN	OH	410813	835423	1000	320	50	320	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
44	35	CAMBRIDGE	OH	400532	811719	550	393	50	393	
17	39	CANTON	OH	405104	811637	437	137	50	137	
67	47	CANTON	OH	410633	812010	5000	148	85.1	148	
53	46	CHILLICOTHE	OH	393520	830644	5000	362	154.7	362	
5	35	CINCINNATI	OH	390727	843118	100	305	1000	305	
9	10	CINCINNATI	OH	390731	842957	316	305	15.4	305	
12	31	CINCINNATI	OH	390658	843005	316	305	839.3	305	
48	34	CINCINNATI	OH	390730	843118	2240	326	50	326	
64	33	CINCINNATI	OH	391201	843122	5000	337	95.5	337	
3	2	CLEVELAND	OH	412309	814123	100	305	9.3	305	
5	15	CLEVELAND	OH	412227	814306	93.3	311	1000	311	
8	31	CLEVELAND	OH	412147	814258	316	305	937.2	305	
25	26	CLEVELAND	OH	412028	814424	2140	304	66.9	304	
61	34	CLEVELAND	OH	412302	814206	2000	354	50	354	
4	14	COLUMBUS	OH	395815	830139	100	274	1000	274	
6	13	COLUMBUS	OH	395616	830116	100	286	40.8	286	
10	21	COLUMBUS	OH	395816	830140	316	271	897.9	271	
28	36	COLUMBUS	OH	400933	825521	1910	293	65.8	293	
34	38	COLUMBUS	OH	400934	825522	1170	329	50	329	
2	50	DAYTON	OH	394307	841522	100	305	1000	305	
7	41	DAYTON	OH	394402	841452	200	348	493.2	348	
16	58	DAYTON	OH	394316	841500	1510	350	104.6	350	
22	51	DAYTON	OH	394315	841539	2340	351	138.8	351	
45	30	DAYTON	OH	394328	841518	5000	357	133.5	357	
35	20	LIMA	OH	404454	840755	661	165	50	165	
44	47	LIMA	OH	404547	841059	912	207	50	207	
43	28	LORAIN	OH	412245	814312	4680	336	125.6	336	
68	12	MANSFIELD	OH	404550	823704	5000	180	3.2	180	
51	24	NEWARK	OH	395653	822433	724	189	50	189	
14	28	OXFORD	OH	393026	844409	204	91	50	91	
30	17	PORTSMOUTH	OH	384542	830341	1350	237	50	237	
42	43	PORTSMOUTH	OH	384542	830341	525	382	50	382	
52	42	SANDUSKY	OH	412348	824731	1450	236	50	236	
19	10	SHAKER HEIGHTS	OH	412315	814143	3720	351	3.6	351	
26	18	SPRINGFIELD	OH	395433	835136	1230	149	50	149	
9	57	STEUBENVILLE	OH	401906	802407	316	268	1000	268	
11	17	TOLEDO	OH	414022	832247	316	305	543.6	305	
13	19	TOLEDO	OH	414100	832449	316	305	559	305	
24	49	TOLEDO	OH	414003	832122	4370	424	315.8	424	
30	29	TOLEDO	OH	413927	832555	1000	314	50	314	
36	46	TOLEDO	OH	413921	832640	1950	372	66.2	372	
40	5	TOLEDO	OH	414441	840106	4170	174	1	174	
21	20	YOUNGSTOWN	OH	410446	803825	3720	302	147	302	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
27	41	YOUNGSTOWN	OH	410328	803842	871	436	50	436	
33	36	YOUNGSTOWN	OH	410343	803807	912	177	50	177	
18	40	ZANESVILLE	OH	395542	815906	589	162	50	162	
7	39	CORVALLIS	OR	443825	1231625	263	375	1000	375	
11	8	PENDLETON	OR	454451	1180211	316	472	22	472	
2	43	PORTLAND	OR	453114	1224437	100	475	1000	475	
6	40	PORTLAND	OR	453058	1224359	100	533	1000	533	
8	46	PORTLAND	OR	453121	1224446	316	539	1000	539	
10	27	PORTLAND	OR	453122	1224507	316	530	675.5	530	
12	30	PORTLAND	OR	453119	1224453	316	543	735.3	543	
24	45	PORTLAND	OR	453058	1224359	2690	463	160.7	463	
22	20	SALEM	OR	450000	1224137	1700	363	54.6	363	
32	33	SALEM	OR	450028	1222005	5000	544	256.8	544	
39	62	ALLENTOWN	PA	403358	752606	575	302	50	302	
69	46	ALLENTOWN	PA	403354	752626	1070	313	50	313	
10	32	ALTOONA	PA	403401	782631	224	338	1000	338	
23	24	ALTOONA	PA	403406	782638	182	324	50	324	
47	46	ALTOONA	PA	403412	782626	1510	308	50	308	
60	59	BETHLEHEM	PA	403354	752626	2950	284	67.4	284	
3	15	CLEARFIELD	PA	410721	782628	100	268	1000	268	
12	52	ERIE	PA	420352	800019	316	305	1000	305	
24	58	ERIE	PA	420224	800408	1120	290	50	290	
35	16	ERIE	PA	420220	800345	1170	287	50	287	
54	50	ERIE	PA	420231	800357	1000	268	50	268	
66	22	ERIE	PA	420231	800357	891	271	50	271	
40	50	GREENSBURG	PA	402330	794651	1170	299	50	299	
21	4	HARRISBURG	PA	402044	765209	1200	372	1	372	
27	57	HARRISBURG	PA	401857	765702	2140	346	115.5	346	
33	36	HARRISBURG	PA	402045	765206	1100	427	50	427	
56	9	HAZLETON	PA	410213	760507	1000	329	3.2	329	
19	0	JEANNET	PA	401051	790946	3020	325	0	0	
6	34	JOHNSTOWN	PA	402217	785858	70.8	341	1000	341	
8	29	JOHNSTOWN	PA	401053	790905	166	368	662	368	
19	30	JOHNSTOWN	PA	401051	790946	3020	325	162.1	325	
8	58	LANCASTER	PA	400204	763708	112	415	382.7	415	
15	23	LANCASTER	PA	401545	762753	1050	415	50	415	
2	25	PITTSBURGH	PA	402938	800109	100	302	1000	302	
4	51	PITTSBURGH	PA	401649	794811	100	293	1000	293	
11	48	PITTSBURGH	PA	402748	800018	316	302	1000	302	
13	38	PITTSBURGH	PA	402646	795751	316	210	1000	210	
16	26	PITTSBURGH	PA	402646	795751	661	215	50	215	
22	42	PITTSBURGH	PA	402623	794311	5000	280	330.8	280	
53	43	PITTSBURGH	PA	402943	800017	2340	312	51.9	312	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
51	25	READING	PA	401935	754215	5000	395	120	395	
49	30	RED LION	PA	395418	763500	617	177	50	177	
16	49	SCRANTON	PA	411058	755221	1150	506	73.5	506	
22	13	SCRANTON	PA	411058	755226	2950	505	4.3	505	
38	31	SCRANTON	PA	412609	754345	1290	385	50	385	
44	41	SCRANTON	PA	411055	755217	1000	509	50	509	
64	32	SCRANTON	PA	412609	754333	7.94	374	50	374	
28	11	WILKES-BARRE	PA	411101	755202	3020	509	3.7	509	
53	29	WILLIAMSPORT	PA	411157	770738	12.3	222	50	222	
43	47	YORK	PA	400138	763600	5000	417	225.5	417	
69	17	BLOCK ISLAND	RI	412941	714705	3470	213	50	213	
10	51	PROVIDENCE	RI	415154	711715	316	305	1000	305	
12	13	PROVIDENCE	RI	415237	711656	316	305	15.3	305	
36	21	PROVIDENCE	RI	414818	712824	1230	182	50	182	
64	54	PROVIDENCE	RI	415214	711745	3720	315	92.6	315	
9	28	ABERDEEN	SD	450632	975330	316	427	672	427	
16	17	ABERDEEN	SD	452955	974035	1350	357	50	357	
3	53	BURLINGTON	VT	443136	724857	38	835	817	835	
22	16	BURLINGTON	VT	443140	724858	1000	835	50	835	
33	32	BURLINGTON	VT	443132	724854	1350	815	50	815	
44	43	BURLINGTON	VT	443132	724854	1450	840	50	840	
31	25	HARTFORD	VT	432638	722717	2240	677	72.6	677	
28	56	RUTLAND	VT	433932	730625	275	429	50	429	
20	18	ST. JOHNSBURY	VT	443416	715339	589	592	50	592	
41	24	WINDSOR	VT	432615	722709	1050	684	50	684	
33	32	BELLEVUE	WA	473617	1221946	14.8	286	50	286	
51	50	BELLEVUE	WA	473014	1215829	1450	739	50	739	
12	35	BELLINGHAM	WA	484040	1224948	234	722	612.2	722	
24	19	BELLINGHAM	WA	484048	1225023	42.7	676	50	676	
15	19	CENTRALIA	WA	463316	1230326	661	347	50	347	
16	31	EVERETT	WA	473755	1222059	5000	239	290.6	239	
42	44	KENNEWICK	WA	460611	1190754	501	390	50	390	
19	18	PASCO	WA	460551	1191130	490	366	50	366	
10	17	PULLMAN	WA	465143	1171026	123	408	189.6	408	
24	0	PULLMAN	WA	464051	1165826	1450	272	0	0	
25	26	RICHLAND	WA	460611	1190747	661	411	50	411	
31	38	RICHLAND	WA	460623	1190750	70.8	370	50	370	
4	38	SEATTLE	WA	473755	1222109	100	247	1000	247	
5	48	SEATTLE	WA	473755	1222059	100	250	1000	250	
7	39	SEATTLE	WA	473801	1222120	316	250	1000	250	
9	41	SEATTLE	WA	473658	1221828	316	252	1000	252	
22	25	SEATTLE	WA	473657	1221826	5000	271	247.1	271	
45	44	SEATTLE	WA	473617	1221946	17	287	50	287	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
2	20	SPOKANE	WA	473542	1171753	85.1	671	1000	671	
4	13	SPOKANE	WA	475518	1170648	47.9	933	27.3	933	
6	15	SPOKANE	WA	473452	1171747	87.1	653	1000	653	
7	39	SPOKANE	WA	473434	1171758	316	558	945.6	558	
22	36	SPOKANE	WA	473604	1171753	832	429	50	429	
28	30	SPOKANE	WA	473444	1171746	2400	601	95.4	601	
34	0	SPOKANE	WA	473444	1171746	10	580	0	0	
11	36	TACOMA	WA	473656	1221829	316	271	1000	271	
13	18	TACOMA	WA	473253	1224822	316	610	602.8	610	
20	14	TACOMA	WA	473250	1224739	3550	491	135.4	491	
28	27	TACOMA	WA	471641	1223042	676	232	50	232	
56	42	TACOMA	WA	473253	1224822	5000	570	152.4	570	
49	48	VANCOUVER	WA	453122	1224507	3160	527	107.7	527	
9	0	WALLA WALLA	WA	460906	1180303	316	176	0	0	
27	46	WENATCHEE	WA	471926	1201355	269	424	50	424	
23	16	YAKIMA	WA	463159	1203026	501	293	50	293	
29	33	YAKIMA	WA	463158	1203033	490	296	50	296	
35	14	YAKIMA	WA	463157	1203037	646	293	50	293	
47	21	YAKIMA	WA	463158	1203033	646	280	50	280	
46	0	ANTIGO	WI	451216	890200	5000	160	0	0	
32	59	APPLETON	WI	442130	875848	1050	336	50	336	
48	49	CHIPPEWA FALLS	WI	445727	914008	1510	213	50	213	
4	0	CRANDON	WI	452206	891655	100	549	0	0	
34	28	EAGLE RIVER	WI	454630	891455	2570	127	52.8	127	
13	39	EAU CLAIRE	WI	443951	905741	316	607	944.3	607	
18	15	EAU CLAIRE	WI	445739	914005	1150	226	50	226	
2	23	GREEN BAY	WI	442435	880005	100	381	1000	381	
5	56	GREEN BAY	WI	442421	880019	100	341	1000	341	
11	51	GREEN BAY	WI	442431	875929	316	384	1000	384	
26	41	GREEN BAY	WI	442130	875848	5000	356	285.5	356	
38	42	GREEN BAY	WI	442435	880005	1070	360	50	360	
28	27	MENOMONIE	WI	450249	915147	1170	346	50	346	
4	28	MILWAUKEE	WI	430529	875407	100	305	1000	305	
6	33	MILWAUKEE	WI	430524	875347	100	305	1000	305	
10	8	MILWAUKEE	WI	430538	875410	214	343	9.9	343	
12	34	MILWAUKEE	WI	430641	875538	316	305	832.8	305	
18	61	MILWAUKEE	WI	430548	875419	5000	307	519.8	307	
24	25	MILWAUKEE	WI	430515	875413	3020	313	111.2	313	
30	22	MILWAUKEE	WI	430515	875412	1070	293	50	293	
36	35	MILWAUKEE	WI	430548	875419	2340	283	59.6	283	
58	46	MILWAUKEE	WI	430642	875550	5000	339	139.7	339	
36	47	PARK FALLS	WI	455643	901628	1050	445	50	445	
49	48	RACINE	WI	430515	875401	5000	303	176.4	303	

CH N	CH D	CITY	ST	LAT	LONG	NTSC ERP	NTSC HAAT	DTV ERP	DTV HAAT	COMMENT
12	16	RHINELANDER	WI	454002	891227	316	506	510.5	506	
6	19	SUPERIOR	WI	464721	920651	100	308	1000	308	
14	21	SURING	WI	444400	881525	1000	201	50	201	
7	40	WAUSAU	WI	445514	894131	316	369	836	369	
9	29	WAUSAU	WI	445514	894131	316	369	669.8	369	
20	24	WAUSAU	WI	445514	894131	1450	300	50	300	
55	0	WITTENBERG	WI	450333	892610	5000	283	0	0	
8	41	CHARLESTON	WV	382428	815413	158	372	1000	372	
11	19	CHARLESTON	WV	382515	815527	51.3	525	68.3	525	
29	39	CHARLESTON	WV	382812	814635	5000	368	50	212	
12	52	CLARKSBURG	WV	391706	801946	263	262	1000	262	
46	28	CLARKSBURG	WV	391802	802037	155	244	50	244	
3	23	HUNTINGTON	WV	383034	821309	42.7	388	425.5	388	
13	54	HUNTINGTON	WV	383021	821233	141	387	412.4	387	
60	12	MARTINSBURG	WV	392727	780353	2040	300	3.2	312	
24	33	MORGANTOWN	WV	394145	794545	3020	457	139.2	457	
15	49	PARKERSBURG	WV	392059	813356	234	189	50	189	
5	58	WESTON	WV	390427	802528	756.1	268	1000	268	
7	32	WHEELING	WV	400341	804508	316	293	1000	293	
0	16	CROOKSTON	MN	474630	963636	0	0	550	300	
0	51	HIBBING	MN	472543	925621	0	0	550	300	
0	39	MILES CITY	MT	462434	1055030	0	0	550	300	
0	25	DEVILS LAKE	ND	480642	985129	0	0	550	300	

APPENDIX 1B

CANADIAN REGULAR POWER STATIONS AND ALLOTMENTS WITHIN 400 KM OF BORDER

NOTES:

1. When the NTSC channel of a vacant allotment differs from the last NTSC plan or no channel is available, the Table A channel is shown in parentheses after the city name
2. Some channels have been designated “transition channel only" because stations on those channels or related channels cannot attain coverage comparable to NTSC. These channels are followed by the letter "T” in the column headed TR.
3. Comments relate to the DTV channel unless otherwise specified.
4. Comments are based on the geographical coordinates specified and standard parameters for the class. Calculations for applications should be based on actual or proposed parameters.
5. NTSC stations in the lower and upper VHF bands with class designations other than the corresponding VL and VU imply a station operating with less than maximum parameters. The associated class designator (eg. A, B or C) indicates the equivalent class of station based on its coverage.

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
34	57		BANFF	AB	1		511000	1153400	B	B	
31	25		BLAIRMORE	AB	1		493600	1142600	A	A	CH 31 -15 DB TO BROCKET; CH 25 -3 DB TO BROCKET DURING TRANSITION-17 DB AFTER
15	34		BLAIRMORE	AB	1		493600	1142600	A	A	
30	47		BROOKS	AB			503500	1115300	B	B	
29	18		BROOKS(47)	AB			503500	1115300	B	B	
5	18		BURMIS	AB	1	CFCN-TV-4	493154	1141137	B	B	
3	22		BURMIS	AB	1	CISA-TV-1	493154	1141137	B	B	
47	32		BURMIS	AB	1	CBRT-8	493314	1141037	A	A	
20	40		BURMIS	AB	3		493300	1141700	A	A	
16	21		CALGARY	AB	1	CBRFT	510354	1141247	C	C	
32	27		CALGARY	AB	1		510300	1140500	B	C	-4 DB TO VULCAN DURING
38	29		CALGARY	AB	1		510300	1140500	B	C	
9	49		CALGARY	AB	1	CBRT	510354	1141247	VU	VU	
13	51		CALGARY	AB	1	CIAN-TV	510354	1141247	C	C	
5	52		CALGARY	AB	1	CKAL-TV	510354	1141247	VL	VL	
2	54		CALGARY	AB	1	CICT-TV	510424	1141534	VL	VL	
4	56		CALGARY	AB	1	CFCN-TV	510337	1141013	VL	VL	
19	50		CALGARY(49)	AB	1		510300	1140500	B	C	COSITE WITH CH 49VU
23	44		CALGARY(54)	AB	1		510300	1140500	C	C	
22	16		CARDSTON	AB	1		491200	1131800	A	B	
36	12		CLARESHOLM	AB	1		500200	1133500	B	B	
10	30		CORONATION	AB	1	CKRD-TV-1	520922	1110805	VU	VU	
41	55		CORONATION	AB	1		520500	1112700	A	A	
4	20		COUTTS/MILKRIVER	AB	1	CBRT-16	490434	1120140	B	B	
14	24		COUTTS/MILKRIVER(24)	AB			490400	1120100	A	A	
12	17		DRUMHELLER	AB	1	CFCN-TV-1	513346	1121944	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
53	33		DRUMHELLER	AB	1		512800	1124200	B	B	
19	38		DRUMHELLER	AB	1		512800	1124200	A	B	
57	32		DRUMHELLER(24)	AB	1		512800	1124200	B	B	
12	15		ETZIKOM	AB	1	CBCA-TV-1	493359	1110752	C	C	
31	32		ETZIKOM	AB			492900	1110600	A	A	
27	14		FORESTBURG	AB	1		523500	1120400	A	A	
38	8		FORT MACLEOD(19)	AB	1		494300	1132500	B	B	
44	35		FORT MACLEOD(25)	AB	3		494300	1132500	B	B	-5 DB TO HIGH RIVER AFTER TRANSITION
47	24		HANNA(25)	AB			513800	1115400	A	A	
41	35		HIGH RIVER(44)	AB	1		503500	1135200	B	B	-8 DB TO FORT MACLEOD AFTER TRANSITION
42	25		INNISFAIL	AB	1		520200	1135700	A	A	
44	14		LACOMBE	AB	1		522800	1134400	A	A	
10	19		LETHBRIDGE	AB	1	CBRT-6	494410	1124809	VU	VU	
23	31		LETHBRIDGE	AB	1	CBXFT-3	494410	1124809	B	B	
17	33		LETHBRIDGE	AB	1	CJIL-TV	494647	1125214	B	B	
28	41		LETHBRIDGE	AB	1		494200	1125000	B	B	
13	43		LETHBRIDGE	AB	1	CFCN-TV-5	494359	1125736	VU	VU	
2	46		LETHBRIDGE	AB	1	CKAL-TV-1	494410	1124809	VL	VL	
50	53		LETHBRIDGE	AB	1		494200	1125000	B	B	
7	58		LETHBRIDGE	AB	1	CISA-TV	494647	1125214	VU	VU	
16	15		LOUGHEED	AB	1		523200	1113100	A	A	
7	23		LOUGHEED	AB	1	CFRN-TV-7	523215	1113106	C	C	
34	22		MEDICINE HAT	AB	1	CBXFT-11	500246	1103708	A	A	
13	36		MEDICINE HAT	AB	1		500300	1104000	VU	VU	
6	40		MEDICINE HAT	AB	1	CHAT-TV	500945	1105720	VL	VL	
21	48		MEDICINE HAT	AB	1		500300	1104000	B	C	
8	50		MEDICINE HAT	AB	1	CFCN-TV-8	500436	1104740	C	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
51	57		MEDICINE HAT	AB	1		500300	1104000	C	C	CH 51 COSITE WITH CH 50
30	41		OLDS	AB	1		514700	1140600	B	B	
23	22		OYEN	AB			512200	1102800	A	A	
2	44		OYEN	AB	1	CFCN-TV-16	512110	1102430	B	B	
42	24		PINCHER CREEK	AB	1		492900	1135700	A	A	
4	29		PIVOT	AB	1	CHAT-TV-1	502414	1100307	C	C	
18	21		PROVOST	AB	1		522100	1101600	A	B	
35	32		PROVOST	AB			522100	1101600	B	B	
5	25		RAYMOND(20)	AB	1		492700	1123900	A	A	
6	28		RED DEER	AB	1	CKRD-TV	521630	1134124	VL	VL	
10	34		RED DEER	AB	1	CITV-TV-1	521630	1134124	VU	VU	
31	39		RED DEER	AB	1	CBXFT-4	521843	1135728	B	B	
4	45		RED DEER	AB	1	CKEM-TV-1	521412	1133850	C	C	
8	53		RED DEER	AB	1	CFRN-TV-6	521910	1134037	VU	VU	
47	48		RED DEER(26)	AB	1		521600	1134000	B	B	
12	15		ROCKY MOUNTAIN HOUSE	AB	1	CFRN-TV-10	523121	1145241	B	B	
19	36		ROCKY MOUNTAIN HOUSE	AB			522200	1145500	A	A	
11	42		ROSEMARY	AB	1	CBRT-5	504111	1122709	VU	VU	
44	49		STETTLER(34)	AB	1		521900	1124300	A	B	CH 44 -12 DB TO LACOMBE
15	55		TABER	AB	1		494700	1120800	A	A	
27	24		VULCAN	AB			502400	1131500	A	A	
3	21		100 MILE HOUSE	BC	1	CITM-TV	515410	1211537	VU	VU	
5	23		100 MILE HOUSE	BC	1	CFJC-TV-6	515400	1211530	VU	VU	
11	31		ALERT BAY	BC	1	CBUT-16	503448	1265500	VU	VU	
26	17		ARMSTRONG	BC	1		502700	1191200	A	B	
49	48		ASHCROFT	BC	3		504300	1211700	B	B	
13	45		BONNINGTON FALLS	BC	1	CBUDT	492833	1172916	A	A	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
7	30		BURNS LAKE	BC	1	CH4333	541520	1254036	C	C	
4	32		BURNS LAKE	BC	1	CBCY-TV-1	541525	1254036	C	C	
13	55		BURNS LAKE	BC		CKHS-TV	541523	1254037	VU	VU	
13	20		CAMPBELL RIVER	BC	1	CHEK-TV-5	494455	1251453	VU	VU	
14	23		CAMPBELL RIVER	BC	1		500100	1251500	B	B	
51	44		CAMPBELL RIVER	BC	1		500100	1251500	B	B	
47	17		CAMPBELL RIVER(7)	BC	3		500130	1251440	VU	VU	
12	50		CANAL FLATS	BC	1	CBUBT-1	501141	1154925	C	C	
7	12		CASSIAR	BC			591712	1295100	VU	VU	CH 7 -5 DB TO WATSON LAKE YT
26	35		CASTLEGAR(41)	BC	3		491900	1174000	B	B	
14	15		CHILLIWACK	BC	1	CBUFT-6	490636	1215047	B	B	
3	46		CHILLIWACK	BC	1	CBUT-2	490636	1215047	C	C	
36	53		CHILLIWACK	BC	1		491000	1215700	B	B	
23	48		CHILLIWACK(30)	BC	3		491000	1215700	B	B	
31	21		CHILLIWACK(47)	BC	1		491000	1215700	B	B	-11 DB TO VICTORIA AFTER TRANSITION
9	41		CLINTON	BC	1	CFJC-TV-4	510536	1213952	C	C	
35	59		COMOX(20)	BC	1		494000	1245500	B	B	
19	55		COMOX(54)	BC	1		494000	1245500	A	A	
11	21		COURTENAY	BC	1	CHAN-TV-4	494455	1251453	VU	VU	
5	29		COURTENAY	BC	1	CKVU-TV-1	493537	1250036	VU	VU	
9	49		COURTENAY	BC	1	CBUT-1	493537	1250036	C	C	
31	54		COURTENAY(49)	BC	1		494100	1250000	A	B	CH 31 -3 DB TO MADEIRA PARK; CH 54 ELLIPTIC FILTER
3	9		CRANBROOK	BC	3		492730	1153745	VU	VU	
59	24		CRANBROOK	BC	1		493000	1154600	A	A	
5	44		CRANBROOK	BC	1	CFCN-TV-9	492730	1153745	VU	VU	
10	48		CRANBROOK	BC	1	CBUBT-7	492730	1153745	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
56	13		CRANBROOK(13)	BC	3		492730	1153745	C	VU	
29	41		CRANBROOK(24)	BC	1		493000	1154600	B	B	
42	53		CRANBROOK(43)	BC	1		493000	1154600	B	B	
5	34		CRAWFORD BAY	BC	1	CBUCT-1	493854	1165053	C	C	
3	14		CRESTON	BC	1	CBUCT-2	490956	1164039	VU	VU	
44	16		CRESTON	BC	1		490600	1163100	B	B	
25	27		DUNCAN(54)	BC	3		484700	1234200	A	A	
16	36		ENDERBY	BC	1	CHBC-TV-5	503356	1190603	B	B	
0	30		ENDERBY(36)	BC	3		503348	1190610	B	B	
0	25		ENDERBY(47)	BC	1		503300	1190800	B	B	
0	58		ENDERBY(53)	BC	1		503300	1190800	B	B	
51	20		FERNIE	BC	3		493000	1150400	B	B	
21	23		FERNIE	BC	1	CBUBT-8	492644	1145920	B	B	
8	30		FERNIE	BC	1	CBUBT-9	492918	1150347	B	B	
13	53		FORT FRASER	BC	1	CBCB-TV-2	540147	1243727	C	C	
35	16		FORT ST JAMES(16)	BC			542700	1241500	B	B	
9	57		FRASER LAKE	BC	1	CFFL-TV-1	540200	1243741	B	B	
13	41		GOLDEN	BC	1	CBUBT-2	511625	1165917	B	B	
15	38		GOLDEN(41)	BC	1		511800	1165800	B	B	
44	47		GRAND FORKS(36)	BC			490200	1182700	B	B	
9	51		HAZELTON	BC		CHHZ-TV	551218	1274132	VU	VU	
38	7		HOPE	BC	3		492300	1212600	B	B	
10	15		HORSEFLY	BC	1	CH4385	522030	1212500	VU	VU	
2	22		HOUSTON	BC	1	CBCY-TV	542633	1263930	B	B	
8	36		HOUSTON	BC	1	CFHO-TV	542633	1263930	C	C	
23	44		HOUSTON	BC			542400	1263800	B	B	
22	0		KAMLOOPS	BC	1		504000	1202000	C	C	
50	29		KAMLOOPS	BC	1	CBUFT-2	504015	1202350	A	A	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
4	43		KAMLOOPS	BC	1	CFJC-TV	504015	1202350	VL	VL	
6	55		KAMLOOPS	BC	1	CHKM-TV	504015	1202350	VL	VL	
39	0		KAMLOOPS(44)	BC	1		504000	1202000	A	C	
51	0		KELOWNA	BC	1		495300	1192900	A	C	
45	14		KELOWNA	BC	3		495300	1192900	B	C	
21	24		KELOWNA	BC	1	CBUFT-1	495800	1193140	B	B	
2	59		KELOWNA	BC	1	CHBC-TV	495800	1193140	C	C	
5	67		KELOWNA	BC	1	CHKL-TV	495800	1193140	VL	VL	
56	0		KELOWNA(69)	BC	1		495300	1192900	A	C	
27	31		KIMBERLEY	BC	1		494100	1155900	B	B	
29	30		KINNAIRD(19)	BC	3		491700	1173900	B	B	
14	15		KITIMAT	BC	1		540200	1283900	B	B	
19	31		KITIMAT	BC			540200	1283900	B	B	
48	57		LAKE COWICHAN	BC	1		485000	1240300	B	B	
23	31		LILLOOET	BC	1		504100	1215600	B	B	
41	27		MERRITT	BC	1		500700	1204700	B	B	
52	40		NANAIMO(50)	BC	1		491000	1235600	A	B	
54	50		NANAIMO(60)	BC	3		491000	1235600	A	B	-14 DB TO POWELL RIVER AFTER TRANSITION
38	28		NANAIMO(69)	BC	3		491000	1235600	A	A	
3	18		NELSON	BC	1	CKTN-TV-3	492935	1171615	A	A	
9	21		NELSON	BC	1	CBUCT	493150	1171758	B	B	
50	38		NELSON	BC	3		492900	1171700	B	B	
17	15		NEW DENVER	BC	1	CBUCT-6	495910	1172238	A	A	
43	12		OLIVER	BC	1		491100	1193300	B	B	
3	28		OLIVER	BC	3	CKKM-TV	490815	1194010	VL	VL	
8	51		OLIVER	BC	1	CHBC-TV-3	490600	1193445	B	B	
10	50		OOTSA LAKE	BC		CHHH-TV	535215	1260035	VU	VU	
11	58		OOTSA LAKE	BC		CHBL-TV	535215	1260035	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
5	59		OOTSA LAKE	BC	1	CH4467	535215	1260035	VL	VL	
19	15		OSOYOOS(49)	BC	3		490200	1192800	B	B	
44	45		PARKSVILLE	BC	1		491900	1241900	A	B	
29	26		PEACHLAND	BC	1		494600	1194400	B	B	
4	40		PEMBERTON	BC	1	CBUPT	501942	1224945	B	B	
17	16		PENTICTON	BC	3		493000	1193500	B	B	
23	32		PENTICTON	BC	1		493000	1193500	A	B	
13	40		PENTICTON	BC	1	CHBC-TV-1	493934	1193418	B	B	
10	49		PENTICTON	BC	1	CHKL-TV-1	493934	1193418	VU	VU	
3	0		PORT ALBERNI	BC	1		491415	1244815	VU	VU	
36	15		PORT ALBERNI	BC	1		491400	1244800	B	B	
41	53		PORT ALBERNI	BC	1		491400	1244800	B	B	
6	14		PORT HARDY	BC	1	CBUT-19	504237	1272625	B	B	
8	33		PORT HARDY	BC			504330	1272930	VU	VU	
15	50		PORT HARDY	BC			504200	1272500	B	B	
22	7		POWELL RIVER	BC			495200	1243300	B	B	
33	27		POWELL RIVER	BC	1		495200	1243300	A	A	
43	50		POWELL RIVER	BC	3		495200	1243300	B	B	-3 DB TO NANAIMO AFTER TRANSITION
6	7		PRINCE RUPERT	BC		CFTK-TV-1	541705	1301848	VL	VL	
15	10		PRINCE RUPERT	BC			541900	1301900	B	B	
20	12		PRINCE RUPERT	BC			541900	1301900	B	B	
32	38		PRINCE RUPERT(7)	BC			541848	1301930	VU	VU	
35	45		PRINCETON	BC	3		492700	1203100	B	B	
28	22		RADIUM	BC	1		503708	1160447	B	B	
52	33		RADIUM	BC	1		503800	1160500	B	B	
17	47		RADIUM HOT SPRINGS	BC	1	CBUBT-5	503708	1160447	A	A	
43	32		REVELSTOKE	BC	1		510000	1181200	B	B	
52	27		ROSSLAND	BC	1		490500	1174800	B	B	CH 52 -6 DB TO WINLAW

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
9	33		SALMON ARM	BC	1	CHBC-TV-4	504522	1191957	A	A	
23	39		SALMON ARM(34)	BC	1		504200	1191600	B	B	
0	31		SALTSPRING ISLAND(21)	BC	3		484513	1232925	C	C	
15	14		SMITHERS	BC	1		544700	1271000	B	B	
5	29		SMITHERS	BC	1	CBCY-TV-2	544428	1265850	B	B	
13	33		SMITHERS	BC		CFHO-TV-1	544428	1265850	B	B	
11	26		SPARWOOD	BC	1	CBUBT-10	494240	1145242	VU	VU	
33	59		SPARWOOD	BC	1		494300	1145300	A	A	
69	39		SPILLIMACHEEN	BC		CBUBT-6	505359	1162035	B	B	
55	52		SQUAMISH	BC	1		494200	1230900	B	B	
48	34		SUMMERLAND	BC	1		493934	1193418	B	B	
27	20		TERRACE	BC	1		543100	1283500	B	B	
22	21		TERRACE	BC			543100	1283500	B	B	
11	34		TERRACE	BC	1	CBUFT-3	543105	1282815	VU	VU	
3	35		TERRACE	BC	1	CFTK-TV	543105	1282815	VL	VL	
11	17		TRAIL	BC	1	CBUAT	490527	1174755	B	B	
14	19		TRAIL	BC	1		490600	1174200	B	B	
8	42		TRAIL	BC	1	CKTN-TV	490530	1174910	VU	VU	
26	16		VANCOUVER	BC	3	CBUFT	492112	1225718	C	C	
42	20	T	VANCOUVER	BC	3		492129	1225709	C	C	
8	22		VANCOUVER	BC	1	CHAN-TV	492129	1225709	VU	VU	
32	33		VANCOUVER	BC	3	CIVT-TV	492129	1225709	C	C	
10	47		VANCOUVER	BC	1	CKVU-TV	484513	1232925	VU	VU	
2	58		VANCOUVER	BC	1	CBUT	492112	1225718	VL	VL	
39	30		VANCOUVER(15)	BC	1		491600	1230700	B	C	
0	56		VANCOUVER(52)	BC	3		491600	1230700	C	C	
45	14		VANCOUVER(58)	BC	3		491600	1230700	A	C	
0	18		VANCOUVER(63)	BC	3		491600	1230700	C	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
41	17		VANCOUVER(68)	BC	3		492112	1225718	B	C	
22	38		VANDERHOOF(18)	BC			540100	1240100	B	B	
42	50		VERNON	BC	3		501600	1191600	B	B	
7	52		VERNON	BC	1	CHBC-TV-2	501658	1191909	B	B	
12	53		VERNON	BC	1	CHKL-TV-2	501658	1191909	B	B	
41	20		VERNON(24)	BC	3		501600	1191600	A	B	
0	43		VICTORIA	BC	3		482500	1232200	C	C	
29	54		VICTORIA	BC	1	CIYV-TV-2	482531	1232008	B	B	
6	68		VICTORIA	BC	1	CHEK-TV	484628	1231010	VL	VL	
53	23		VICTORIA(40)	BC	3		482507	1233036	B	C	
40	21		VICTORIA(46)	BC	3		482500	1232200	A	C	-9 DB TO CHILLIWACK DURING TRANSITION;-27 DB AFTER
46	15		VICTORIA(66)	BC			482500	1232200	A	C	-17 DB TO CHILLIWACK DURING TRANSITION;-33 DB AFTER
48	58		WARFIELD(30)	BC	1		490600	1174500	A	B	
13	34		WHISTLER	BC	1	CBUWT	500445	1230100	A	A	
40	32		WILLIAMS LAKE(15)	BC	1		520800	1220900	B	B	
23	51		WILSON CREEK	BC	1	CHAN-TV-6	491320	1240010	B	B	
12	51		WOSS CAMP	BC	1	CBUT-13	501010	1263408	B	B	
24	33		ALONSA	MB			504800	985800	A	B	
46	39		ALONSA	MB	1		504800	985800	B	B	
34	41		ALONSA	MB			504800	985800	A	B	
59	31		ALONSA(14)	MB			504800	985800	B	B	
34	4		ALTONA	MB	1		490600	973300	B	B	
23	58		BEAUSEJOUR	MB	3		500400	963300	B	B	CH 23 -5 DB TO PINEY
45	25		BIRCH RIVER	MB	1		522400	1010600	A	A	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
17	31		BIRCH RIVER	MB	1		522215	1005930	B	B	
4	35		BIRCH RIVER	MB			522215	1005930	B	VU	CH 4 -1 DB TO GREENWATER LAKE SA, -3 DB TO THE PAS
53	5		BIRCH RIVER(10)	MB	1		522215	1005930	VU	VU	-8 DB TO YORKTON SA DURING TRANSITION
29	41		BOISSEVAIN	MB			491400	1000300	B	B	
21	16		BRANDON	MB	1	CBWFT-10	495026	1000150	B	B	
43	18		BRANDON	MB	1		495000	995700	B	B	
27	34		BRANDON	MB	1		495000	995700	B	B	
5	49		BRANDON	MB	1	CKX-TV	494005	1000040	VL	VL	
4	50		BRANDON	MB	1	CKYB-TV	494005	1000040	VL	VL	
40	26		CARBERRY(49)	MB	1		495200	992000	B	B	
31	22		CARMAN	MB			493200	980000	B	B	
8	9		DAUPHIN	MB		CBWST	512814	1004310	VU	VU	
26	17		DAUPHIN	MB			510900	1000300	B	B	
12	20		DAUPHIN	MB	1	CKYD-TV	512814	1004310	VU	VU	
15	24		DAUPHIN	MB	1		510900	1000300	B	B	
18	43		DAUPHIN	MB			512814	1004310	B	B	
6	57		DAUPHIN	MB	1		505900	1001500	B	VU	
40	16		FAIRFORD	MB			513600	984200	A	A	
7	23		FAIRFORD	MB	1	CBWGT-2	514250	983450	B	B	
32	34		FISHER BRANCH	MB	1		510500	973900	B	B	
8	45		FISHER BRANCH	MB	1	CKYA-TV	510450	973855	C	C	
10	47		FISHER BRANCH	MB	1	CBWGT	510450	973855	C	C	
43	58		FISHER BRANCH	MB			510500	973900	B	B	
11	29		FOXWARREN	MB	1	CKX-TV-1	503114	1010423	VU	VU	
33	42		FOXWARREN	MB			503114	1010423	B	B	
14	0		FOXWARREN(28)	MB	1		503114	1010423	B	B	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
47	36		FOXWARREN(50)	MB	1		503114	1010423	B	B	CH 47 -7 DB TO CARLYLE LAKE SA
56	53		FOXWARREN(9)	MB	1		503114	1010423	VU	VU	
19	42		GIMLI	MB	1		503900	970000	B	B	
5	18		JACKHEAD	MB		CBWGT-1	515255	971850	C	C	
23	22		JACKHEAD	MB			515300	971600	A	A	
19	35		KILLARNEY	MB			491200	994200	B	B	
4	21		LAC DU BONNET	MB	1	CBWT-2	501506	955730	C	C	
15	30		LAC DU BONNET	MB	1		501800	960400	B	B	
39	33		LAC DU BONNET	MB			501800	960400	B	B	
34	41		LAC DU BONNET(21)	MB	1		501800	960400	B	B	
47	36		LAC DU BONNET(26)	MB	1		501800	960400	B	B	
18	57		LAC DU BONNET(5)	MB	1		501800	960400	B	VU	
9	12		LITTLE GRAND RAPIDS	MB		CBWZT	520908	952239	B	B	
22	16		MANIGOTAGAN	MB		CBWGT-3	510835	961554	A	A	
41	24		MATHESON ISLAND	MB	1		514400	965600	B	B	
29	48		MATHESON ISLAND	MB	1		514400	965600	B	B	
35	26		MATHESON ISLAND(18)	MB	1		514400	965600	B	B	
52	59		MATHESON ISLAND(47)	MB			514400	965600	B	B	
11	19		MCCREARY	MB	1	CKX-TV-3	504022	993610	VU	VU	
48	43		MELITA	MB	1		491600	1010000	B	B	
9	47		MELITA	MB	1	CKX-TV-2	491650	1005912	A	A	
17	10		MINNEDOSA	MB	1		501400	995100	A	B	
2	44		MINNEDOSA	MB	1	CKND-TV-2	501700	1000637	VL	VL	
50	30		MORDEN	MB	1		491100	980500	B	B	
39	23		NEEPAWA	MB	1		501300	992900	A	B	
32	30		OAK LAKE	MB		CBWFT-12	494046	1003708	B	B	
41	24		PEMBINA VALLEY	MB			490800	983700	A	B	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
18	42		PEMBINA VALLEY	MB	1		490800	983700	A	B	
47	52		PEMBINA VALLEY	MB	1		490800	983700	B	B	
58	36		PEMBINA VALLEY(28)	MB	1		490800	983700	B	B	
11	38		PINE FALLS	MB	1	CBWFT-6	503658	962248	B	B	
29	23		PINEY	MB	1	CBWT-3	490706	960121	C	C	
13	32		PORTAGE LA PRAIRIE	MB	1	CHMI-TV	495226	974425	VU	VU	
53	55		PORTAGE LA PRAIRIE	MB			495700	982500	B	B	
14	17		PORTAGE LA PRAIRIE(40)	MB			495700	982500	B	B	
28	4		ROBLIN(48)	MB	1		511700	1012800	B	B	
22	59		RUSSELL	MB			504700	1011500	B	B	
17	26		SELKIRK	MB	1		500900	965200	A	B	
3	14		STE ROSE DU LAC	MB	1	CBWFT-4	510415	993116	B	B	
38	52		STE ROSE DU LAC	MB			510400	993100	A	A	
45	11		STEINBACH	MB	1		493200	964100	B	B	
29	33		SWAN RIVER	MB			520600	1011600	B	B	
47	17		VASSAR	MB			490600	955000	B	B	
41	34		VASSAR	MB	1		490600	955000	B	B	
24	42		VASSAR	MB			490600	955000	A	B	
53	52		VASSAR	MB			490600	955000	B	B	
35	13		VIRDEN	MB	1		495100	1005500	A	B	
28	24		WEST HAWK LAKE	MB	1		494400	951400	B	B	
46	31		WEST HAWK LAKE	MB	1		494400	951400	B	B	
40	55		WEST HAWK LAKE	MB			494400	951400	B	B	
43	22		WEST HAWK LAKE(22)	MB	1		494400	951400	B	B	
6	27		WINNIPEG	MB	1	CBWT	494615	973035	VL	VL	
9	28		WINNIPEG	MB	1	CKND-TV	494615	973035	VU	VU	
36	40		WINNIPEG	MB	1		495300	970900	A	C	
42	43		WINNIPEG	MB	1		495300	970900	A	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
7	46		WINNIPEG	MB	1	CKY-TV	493448	971004	VU	VU	
3	51		WINNIPEG	MB	1	CBWFT	494615	973035	VL	VL	
48	54		WINNIPEG	MB			495300	970900	C	C	
49	25		WINNIPEG(25)	MB	3		495300	970900	C	C	
56	5		WINNIPEG(54)	MB	1		495300	970900	C	C	
35	2		WINNIPEG(65)	MB	3		495300	970900	B	C	
51	28		ALLARDVILLE	NB	1		471500	650500	A	A	
3	62		ALLARDVILLE	NB	1	CBAFT-3	472239	652623	VL	VL	
50	23		BATHURST	NB	1		473600	653900	B	B	
24	34		BATHURST(28)	NB	1		473600	653900	B	B	-5 DB TO CAMPBELLTON AFTER TRANSITION
43	28		BON ACCORD	NB	1		463900	673500	A	A	
6	54		BON ACCORD	NB	1	CBAT-TV-1	463857	673535	VL	VL	
45	47		BUCTOUCHE(49)	NB	1		462800	644300	B	B	
7	17		CAMPBELLTON	NB	1	CKCD-TV	480458	663453	C	C	
35	19		CAMPBELLTON	NB	1		480000	664000	A	B	-13 DB TO PORT-DANIEL QU AFTER TRANSITION
4	60		CAMPBELLTON	NB	1	CBAT-TV-4	480807	660700	VL	VL	
9	69		CAMPBELLTON	NB	1	CBAFT-7	480458	663453	VU	VU	
57	34		CAMPBELLTON(23)	NB	1		480000	664000	A	B	
20	14		CARAQUET	NB	1		474800	645700	C	C	-22 DB TO PERCE QU DURING TRANSITION
54	59		CARAQUET	NB	1		474800	645700	C	C	
6	52		CHATHAM	NB	1	CBAT-TV-3	470332	653438	VL	VL	
24	17		CHIPMAN	NB	1		461100	655300	B	B	
55	44		DALHOUSIE	NB	1		480400	662300	B	B	
50	59		DORCHESTER	NB	1		455400	643100	A	B	
36	18		EDMUNDSTON	NB	3		472200	682000	C	C	
4	32		EDMUNDSTON	NB	1	CIMT-TV-1	472323	681900	C	C	
13	59		EDMUNDSTON	NB	1	CBAFT-2	472325	681859	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
38	14		EDMUNDSTON(26)	NB	3		472200	682000	C	C	CH 38 -7 DB TO WOODSTOCK
3	24		FLORENCEVILLE	NB	1	CKLT-TV-1	462512	673334	VL	VL	
5	31		FREDERICTON	NB	1	CBAFT-1	453457	654741	VL	VL	
59	32		FREDERICTON	NB	1		455800	663900	C	C	MAINTAIN TRANSITION ERP; 6-POLE ELLIPTIC FILTER
11	44		FREDERICTON	NB	1	CIHF-TV-1	460226	662927	C	C	
19	46		FREDERICTON	NB	1	CBAFT-10	455651	663542	C	C	
55	53		FREDERICTON(41)	NB	1		455800	663900	B	C	
0	48		FREDERICTON(47)	NB	1		455800	663900	C	C	-3 DB TO MONCTON AFTER TRANSITION
0	50		FREDERICTON(53)	NB	1		460300	664500	C	C	
49	15		GRAND FALLS	NB	3		470300	674400	B	B	
52	36		MCADAM(28)	NB	1		453600	672000	B	B	-6 DB TO JEMSEG AFTER TRANSITION
58	51		MCADAM(51)	NB	1		453600	672000	B	B	
32	45		MILLTOWN	NB	1		451000	671800	B	B	
40	30		MIRAMICHI CITY	NB	1	CIHF-TV-13	470320	652920	B	B	
44	0		MONCTON	NB	1		460600	644700	B	C	
33	25		MONCTON	NB	1		460600	644700	A	C	-3 DB TO TRACADIE AFTER TRANSITION
2	29		MONCTON	NB	3	CKCW-TV	455106	644847	VL	VL	-7 DB TO SHEET HARBOUR NS AFTER TRANSITION
16	48		MONCTON	NB	1		460600	644700	A	C	- 6 DB TO FREDERICTON AFTER TRANSITION; 6- POLE ELLIPTIC FILTER
27	55		MONCTON	NB	1	CIHF-TV-3	454832	644459	C	C	
7	56		MONCTON	NB	1	CBAT-TV-2	454832	644459	VU	VU	
39	58	T	MONCTON	NB	1		460600	644700	B	C	
11	67		MONCTON	NB	1	CBAFT	460841	645414	VU	VU	
34	13		NEWCASTLE	NB	1		470000	653400	A	B	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
0	33		OROMOCTO(31)	NB	1		455100	662900	A	A	
50	34		PERTH-ANDOVER(30)	NB	1		464400	674200	B	B	
55	41		RICHIBUCTO	NB	1		464100	645200	A	A	
18	14		SACKVILLE(66)	NB	3		455400	642200	A	B	
17	0		SAINT JOHN	NB	1		451600	660300	B	C	
23	22		SAINT JOHN	NB	3		451600	660300	B	C	-10 DB TO KENNETCOOK NS AFTER TRANSITION
4	62		SAINT JOHN	NB	1	CBAT-TV	452839	661402	VL	VL	
9	66		SAINT JOHN	NB	1	CKLT-TV	452839	661402	VU	VU	
12	69		SAINT JOHN	NB	1	CIHF-TV-2	452840	661403	VU	VU	
29	34	T	SAINT JOHN(29C)	NB	1		451600	660300	B	B	
0	0		SAINT JOHN(35)	NB			451600	660300	A	C	
54	0		SAINT JOHN(69)	NB			451600	660300	A	C	
21	49		SALISBURY	NB	1		460200	650300	B	B	
23	22		SHEDIAC(62)	NB	3		461300	643200	A	A	
43	18		SHIPPEGAN	NB	1		474500	644200	B	B	
26	35		ST ANDREWS	NB	1		450500	670300	A	A	
39	26		ST-LEONARD(18)	NB	1		471000	675600	B	B	
52	30		ST-QUENTIN	NB	1		473000	672300	B	B	
21	40		ST-STEPHEN	NB	1	CIHF-TV-12	451015	665430	B	B	
14	57		SUSSEX(57)	NB	1		454300	653100	A	B	
39	25		TRACADIE(30)	NB	1		473100	645400	B	B	
12	11		UPSALQUITCH	NB	1	CKAM-TV	472719	662507	VU	VU	
38	30		WOODSTOCK	NB	1	CIHF-TV-11	462512	673334	B	B	
26	15		AMHERST(22)	NS	3		455000	641200	A	B	
57	43	T	AMHERST(56)	NS	1		455000	641200	A	B	-6 DB TO CHARLOTTETOWN PE
49	26		ANNAPOLIS ROYAL	NS	1		444500	653100	A	A	
21	39		ANTIGONISH	NS	1	CIHF-TV-15	453826	620735	B	B	
9	61		ANTIGONISH	NS	1	CJCB-TV-2	453245	621539	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
5	57		ASPEN	NS	1	CBHT-14	451440	620140	B	B	
55	36		BRIDGETOWN(15)	NS	1		445000	651800	A	B	-8 DB TO CANNING DURING TRANSITION;-25 DB AFTER
9	42		BRIDGEWATER	NS	1	CIHF-TV-6	442317	644047	C	C	-9 DB TO TRURO AFTER TRANSITION
36	53		BRIDGEWATER	NS	1		442300	643100	A	A	
6	23		CALEDONIA	NS	1	CJCH-TV-6	442026	650634	VL	VL	
2	30		CALEDONIA	NS	1	CBHT-9	442228	650212	A	A	
19	51		CALEDONIA(21)	NS	1		442026	650634	A	A	
33	59		CALEDONIA(42)	NS	1		442200	650200	A	A	
10	34		CANNING	NS	1	CJCH-TV-1	451212	642406	C	C	
58	15		DIGBY	NS	3	CBHFT-6	444035	654404	B	B	CALAIS ME -13 DB TO DIGBY
52	39		DIGBY	NS	1	CBHT-7	444035	654404	B	B	
18	47		DIGBY	NS	1		443700	654600	A	B	
32	0		HALIFAX	NS	1		443903	633928	C	C	
8	26		HALIFAX	NS	1	CIHF-TV	443903	633928	VU	VU	-6 DB TO ANNAPOLIS ROYAL AND COBBS HILL PE AFTER TRANSITION
13	38		HALIFAX	NS	1	CBHFT	443903	633928	VU	VU	
5	48		HALIFAX	NS	1	CJCH-TV	443903	633928	VL	VL	
54	55		HALIFAX	NS	1		443900	633600	C	C	-6 DB TO MONCTON NB, GUYSBOROUGH AND TRACADIE AFTER TRANSITION;-15 DB TO TRURO DURING
3	63		HALIFAX	NS	1	CBHT	443903	633928	VL	VL	
0	21		HALIFAX(38)	NS	1		443900	633600	C	C	-12 DB TO TANGIER AND -6 DB TO MIDDLETON DURING TRANSITION;-25 DB TO MIDDLETON AFTER
0	43		HALIFAX(43)	NS	1		443900	633600	C	C	-6 DB TO CHARLOTTETOWN PE, GUYSBOROUGH AND TRACADIE AFTER TRANSITION

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
0	45		KENTVILLE(30)	NS	1		450500	643000	A	A	
12	25		LIVERPOOL	NS	1	CBHT-1	440359	644300	VU	VU	
31	35		LIVERPOOL	NS	1		440200	644300	B	B	
39	40		LUNENBURG(60)	NS	1		442300	641900	A	B	
46	21		MIDDLETON	NS	1	CBHFT-5	450438	644902	C	C	
8	61		MIDDLETON	NS	1	CBHT-6	450438	644902	VU	VU	
34	47		NEW GLASGOW	NS	1	CIHF-TV-8	452854	623350	B	B	
15	51		NEW GLASGOW	NS	1	CBHFT-7	453200	623814	B	B	
4	65		NEW GLASGOW	NS	1	CBHT-5	453200	623814	C	C	
14	40		NEW GLASGOW(47C)	NS	1		453500	623900	A	B	CH 14 -10 DB TO CHARLOTTETOWN PE
45	28		PICTOU(68)	NS	1		454100	624300	A	B	
11	29		SHEET HARBOUR	NS	1	CBHT-4	445529	622955	C	C	
2	44		SHEET HARBOUR	NS	1	CJCH-TV-5	445529	622955	B	B	
41	16		SHEET HARBOUR(29)	NS	1		445500	623200	A	B	
7	17		SHELBURNE	NS	1	CBHT-2	434635	651829	C	C	
10	28		SHELBURNE	NS	1	CIHF-TV-9	434609	652100	B	B	
55	41		SHELBURNE(28)	NS			434600	652000	B	B	
0	41		SPRINGHILL(61)	NS	1		453900	640300	B	B	
58	30		TATAMAGOUCHE	NS	1		454300	631800	B	B	CH 58 -7 DB TO SOURIS PE;-3 DB TO MONTAGUE PE DURING TRANSITION; -20 DB AFTER
18	33		TRURO	NS	1	CIHF-TV-4	451835	632004	B	B	
55	42		TRURO	NS	1	CBHT-8	452710	631720	B	B	
0	19		WINDSOR(51)	NS	1		445900	640800	A	A	-6 DB TO KENNETCOOK DURING TRANSITION; -25 DB AFTER
20	58		WOLFVILLE	NS	1	CIHF-TV-5	450239	642122	C	C	
45	33		YARMOUTH	NS	1	CIHF-TV-10	435456	660518	B	B	
40	43		YARMOUTH	NS	1	CJCH-TV-7	435456	660518	B	B	
11	49		YARMOUTH	NS	1	CBHT-3	435555	660610	C	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
3	50		YARMOUTH	NS	1	CBHFT-1	435555	660610	VU	VU	
19	57		YARMOUTH(50)	NS	1		435000	660700	B	B	
13	14		FORT MCPHERSON	NT			672542	1345145	VU	VU	
51	24		ALVINSTON	ON	3	CHCH-TV-2	425027	815130	C	C	NEEDS 6-POLE ELLIPTIC FILTER
10	35		ARMSTRONG	ON			501812	890026	B	VU	
19	31		ARNPRIOR(20)	ON	1		452600	762100	A	A	CH 19 -8 DB TO BUCKINGHAM QU
23	11		ATIKOKAN	ON	2		484500	913700	A	A	
7	16		ATIKOKAN	ON	1	CBWCT-1	484623	913638	B	B	
59	52		BALA	ON	3		445814	794658	B	B	
2	8		BANCROFT	ON	1	CIII-TV-2	450334	771200	VL	VL	-5 DB TO RAPIDES-DES-JOACHIMS QU DURING TRANSITION
3	10		BARRIE	ON	3	CKVR-TV	442105	794155	VL	VL	AFTER TRANSITION -3 DB TO CLOYNE
24	22		BARRIE	ON	3		442400	794000	B	B	
16	33	T	BARRIE	ON	1	CBLT-TV-1	442105	794155	C	VU	-3 DB FROM BUFFALO NY
55	42		BARRIE	ON	1	CBLFT-11	442105	794155	B	B	
14	50		BARRIE(33)	ON	3		442400	794000	B	B	
19	46		BARRIE(46)	ON	3		442400	794000	B	B	CH 19 -15 DB TO TORONTO
19	26		BARRY'S BAY	ON	1	CBOT-2	452923	774257	B	B	
20	14		BARRY'S BAY(39)	ON	3		452900	774100	B	B	
53	51		BELLEVILLE	ON	3	CICO-TV-53	441845	771225	C	C	-6 DB TO BATAVIA NY DURING TRANSITION
15	57		BELLEVILLE	ON	1	CBLFT-13	441845	771225	C	C	
33	52		BELLEVILLE(64)	ON	3		441845	771225	B	B	CH 52 SHOULD COSITE WITH CH 51 AND 53
39	26		BELLEVILLE(69)	ON	3		441000	772200	B	B	
50	29		BLIND RIVER(18)	ON	1		461100	825700	B	B	
34	48		BRANTFORD	ON	3		430800	801600	B	B	
66	62		BRIGHTON	ON	1	CKWS-TV-1	440237	774740	B	B	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
39	31		BROCKVILLE(45)	ON	3		443600	754100	A	A	
13	18		CHAPLEAU	ON	1	CBLFT-22	474718	832248	B	B	
7	26		CHAPLEAU	ON	1	CBCU-TV	475115	832508	B	B	
9	43		CHAPLEAU	ON	1	CITO-TV-4	475115	832508	B	B	
50	39		CHAPLEAU(33)	ON	1		475000	832400	B	B	
59	33	T	CHATHAM	ON	3	CICO-TV-59	422700	820500	B	B	
48	63		CHATHAM	ON		CBLFT-10	422700	820500	B	B	
64	65		CHATHAM	ON	1	CBLN-TV-3	422700	820500	B	B	-20 DB TO WINDSOR
55	10		CLOYNE	ON	3	CICO-TV-92	445242	771151	C	C	
58	48		COLLINGWOOD(42)	ON	3		442900	801300	A	A	
11	34	T	CORNWALL	ON	3		450226	744742	A	A	
8	45		CORNWALL	ON	3	CJOH-TV-8	451035	743138	VU	VU	
54	28		CORNWALL(21)	ON	3		450200	744400	B	B	CH 54 -7 DB TO MONTREAL QU: -15 DB TO STE-ADELE QU AFTER TRANSITION
29	36		CORNWALL(31)	ON	3		450200	744400	B	B	CH 29 -15 DB TO MONTREAL QU
53	47		CORNWALL(52)	ON	3		450200	744400	A	B	-10 DB TO ST-JEROME QU AFTER TRANSITION
19	31	T	CORNWALL(63)	ON	1		450200	744400	A	A	
0	55	T	CORNWALL(69)	ON	1		450200	744400	B	B	
27	18		DEEP RIVER(52)	ON	1		460600	772900	B	B	
6	49		DESERONTO	ON	3	CJOH-TV-6	440830	770434	VL	VL	-3 DB TO BUFFALO NY DURING TRANSITION
22	19		DRIFTWOOD	ON	1		490800	812300	B	B	
6	45		DRYDEN	ON	1	CBWFT-9	494549	924052	VU	VU	
9	47		DRYDEN	ON	1	CBWDT	494549	924052	C	C	
27	56		DRYDEN(24)	ON			494700	924900	B	B	
52	43		DRYDEN(4)	ON	3		494700	924900	VU	VU	ELLIPTIC FILTER; MAINTAIN TRANSITION ERP

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
21	36		ELLIOT LAKE	ON	1		462300	823900	B	B	
3	60		ELLIOT LAKE	ON	1	CICI-TV-1	462547	824009	VL	VL	MAY NEED TO COSITE WITH CH 61
12	61		ELLIOT LAKE	ON	1	CBLFT-6	462321	823706	VU	VU	MAY NEED TO COSITE WITH CH 60
7	67		ELLIOT LAKE	ON	1	CBEC-TV	462316	823716	VU	VU	
57	34		ESPANOLA(22)	ON	1		461500	814600	B	B	
14	26		EXETER	ON	3		432100	812848	A	A	
55	60		FORT ERIE	ON	3	CIII-TV-55	425535	790536	B	B	
15	41		FORT FRANCES	ON	1	CBWFT-11	483822	934314	B	B	
5	48		FORT FRANCES	ON	1	CBWCT	484818	935324	VL	VL	
54	55		FORT FRANCES(25)	ON			483700	932400	B	B	
59	50		FOYMOUNT	ON	3	CBOT-1	452548	771815	C	C	
26	22		GANANOQUE (28)	ON	3		442000	761000	A	A	CH 26 -3 DB TO PRESCOTT
7	33		GERALDTON	ON		CBLFT-26	494340	864410	VU	VU	
33	50		GODERICH	ON	3		434500	814300	A	A	
23	22		GOGAMA	ON	1	CBLFT-21	474846	813540	B	B	
58	29		GOGAMA(29)	ON	1		474000	814300	B	B	
41	21		GOLDEN LAKE	ON	3		453500	771400	B	B	
58	26		GUELPH	ON	3		433300	801500	B	B	
11	18		HAMILTON	ON	3	CHCH-TV	431227	794628	VU	VU	
36	21		HAMILTON	ON	3		431227	794628	C	C	
46	15		HAMILTON(65)	ON	3		431500	795100	A	C	-3 DB TO ORILLIA AFTER TRANSITION
50	46		HANOVER	ON	1		440900	810200	A	A	
39	31		HAWKESBURY	ON	1	CHLF-TV-2	453007	744117	A	A	
48	52		HAWKESBURY	ON	1	CICO-TV-96	453007	744117	A	A	
5	40		HEARST	ON	1	CBCC-TV	493850	833050	VL	VL	
7	41		HEARST	ON		CBLFT-5	493850	833050	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
4	42		HEARST	ON	1	CITO-TV-3	493850	833050	VL	VL	
13	5		HUNTSVILLE	ON	1	CICA-TV-13	451546	792146	VU	VU	-5 DB TO SUDBURY AND -12 DB TO TORONTO DURING TRANSITION
11	40		HUNTSVILLE	ON	1	CKCO-TV-4	451944	785756	VU	VU	-3 DB TO TORONTO(-17 DB AFTER TRANSITION)
8	56		HUNTSVILLE	ON	1	CBLT-TV-2	452438	791522	VU	VU	
12	8		KAPUSKASING	ON	1	CBLFT-4	491747	821110	VU	VU	
19	18		KAPUSKASING	ON	1		492500	822600	A	B	
10	58		KAPUSKASING	ON	1	CITO-TV-1	492328	822128	VU	VU	
2	59		KAPUSKASING	ON	1	CFCL-TV-3	492328	822128	C	C	
15	26		KAPUSKASING(41)	ON	1		492500	822600	B	B	
11	28		KEARNS	ON	1	CITO-TV-2	480808	793320	VU	VU	
2	64		KEARNS	ON	1	CFCL-TV-2	480807	793319	VL	VL	
44	14		KENORA	ON	1	CICO-TV-91	494208	944714	C	C	
13	16		KENORA	ON		CJBN-TV	494616	943118	A	A	
38	39		KENORA	ON	1		494600	942900	B	C	
2	50		KENORA	ON	1	CBWFT-7	494606	943016	VL	VL	
8	53		KENORA	ON	1	CBWAT	494606	943016	VU	VU	
36	35		KENORA(16)	ON	1		494600	942900	B	C	
19	48		KINGSTON	ON	1		441400	763000	B	B	NEEDS TO INSTALL 6-POLE ELLIPTIC FILTER ON CH 49 DESORONTO AFTER TRANSITION
32	63		KINGSTON	ON	1	CBLFT-14	441722	762850	C	C	
38	64		KINGSTON	ON	1	CICO-TV-38	441722	762850	C	C	
58	66		KINGSTON	ON	1		441002	762540	C	C	-4 DB TO BRIGHTON
11	69		KINGSTON	ON	1	CKWS-TV	441002	762540	VU	VU	
23	36		KINGSTON(48)	ON	3		441400	763000	B	B	
13	7		KITCHENER	ON	3	CKCO-TV	432415	803805	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
61	49		KITCHENER	ON	3	CBLFT-8	432700	803608	C	C	
28	55		KITCHENER	ON	3	CICO-TV-28	431539	802639	C	C	
39	59		KITCHENER	ON	3		432700	802900	B	B	
56	67		KITCHENER	ON	3	CBLN-TV-1	431539	802639	C	C	
16	6		LITTLE CURRENT	ON	3	CBCE-TV	455601	815933	C	C	
53	3		LONDON	ON	2	CBLFT-9	425720	812120	C	C	-3 DB TO CLEVELAND OH DURING TRANSITION
40	23		LONDON	ON	3	CBLN-TV	425720	812120	C	C	6-POLE ELLIPTIC FILTER
69	47		LONDON	ON	3	CFMT-TV-1	425720	812120	C	C	
10	57		LONDON	ON	3	CFPL-TV	425715	811558	VU	VU	
18	60		LONDON	ON	1	CICO-TV-18	425720	812120	B	B	
20	26		MANITOUWADGE	ON			490700	855000	A	B	
8	28		MANITOUWADGE	ON	1	CBLAT-1	490821	854924	VU	VU	
15	36		MANITOUWADGE	ON		CBLFT-25	490821	854923	C	C	
11	44		MARATHON	ON		CBLAT-4	484513	863508	VU	VU	
48	19		MATTAWA	ON	1		461900	784200	B	B	
26	30		MATTAWA	ON	1	CBLFT-27	461713	784036	B	B	
51	48		MAYNOOTH	ON	1	CBOT-4	451337	775230	A	A	
33	22		MCARTHUR'S MILLS	ON	1	CBOT-5	450518	773850	A	A	
42	46		MCARTHUR'S MILLS	ON	1	CICO-TV-93	450518	773850	C	C	
7	27		MIDLAND	ON	3	CIII-TV-7	445814	794658	VU	VU	
16	14		NIPIGON	ON	1	CBLK-TV	485818	881824	B	B	
26	24		NIPIGON	ON	1	CBLFT-19	485818	881824	B	B	
44	60		NORMANDALE	ON	1	CBLN-TV-6	424335	801732	A	A	
32	22		NORTH BAY	ON	1	CHCH-TV-6	461810	792440	A	A	
10	38		NORTH BAY	ON	1	CKNY-TV	460348	792603	VU	VU	-15 DB TO COLEMAN TWP DURING TRANSITION
45	41		NORTH BAY	ON	1		461900	792800	B	C	
50	54		NORTH BAY	ON	1		461900	792800	B	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
2	64		NORTH BAY	ON	1	CFGC-TV-2	461810	792440	VL	VL	
4	66		NORTH BAY	ON	1	CHNB-TV	460348	792603	VL	VL	
6	69		NORTH BAY	ON		CICA-TV-6	460346	792605	VL	VL	
30	29		OPASATIKA	ON	1		493200	825200	B	B	
21	15		ORILLIA	ON	1	CFTO-TV-21	445204	793542	C	C	
43	31		ORILLIA	ON	3		443700	792500	A	A	
22	48		OSHAWA	ON	1	CHEX-TV-2	435715	784824	A	A	
6	12		OTTAWA	ON	1	CIII-TV-6	453011	755102	VL	VL	
24	20		OTTAWA	ON	1	CICO-TV-24	453011	755102	C	C	
4	25		OTTAWA	ON	3	CBOT	453011	755102	VL	VL	-2 DB TO SYRACUSE NY AFTER TRANSITION
14	27		OTTAWA	ON	3		452500	754200	C	C	-7 DB TO MONTREAL QU AFTER TRANSITION; 6-POLE ELLIPTIC FILTER
11	33		OTTAWA	ON	3	CHCH-TV-1	451301	753351	C	C	
13	58		OTTAWA	ON	3	CJOH-TV	453011	755102	VU	VU	
9	62		OTTAWA	ON	1	CBOFT	453011	755102	VU	VU	
60	66		OTTAWA	ON	1	CFMT-TV-2	451301	753351	C	C	-3 DB TO KINGSTON
65	67		OTTAWA	ON	1	CITY-TV-3	451301	753351	C	C	
43	68		OTTAWA	ON	1	CHRO-TV-43	451301	753351	C	C	
12	11		OWEN SOUND	ON	3	CICA-TV-12	442639	810238	VU	VU	
4	25		OWEN SOUND	ON	1	CIII-TV-4	442645	810000	VU	VU	
6	30		PARIS	ON	3	CIII-TV	431539	802639	VL	VL	AFTER TRANSITION -15 DB TO PETERBOROUGH
42	31		PARRY SOUND	ON	1	CICE-TV-11	452324	800221	A	A	
41	53		PARRY SOUND(31)	ON	1		452324	800221	B	B	
5	7		PEMBROKE	ON	3	CHRO-TV	455002	770950	VL	VL	
29	28		PEMBROKE	ON	1	CICE-TV-16	455002	770950	C	C	
47	36		PEMBROKE	ON	1	CJOH-TV-47	455002	770950	C	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
17	39		PEMBROKE	ON	1	CHLF-TV-13	455002	770950	C	C	
3	43		PEMBROKE	ON	1	CBOT-6	460240	772806	VU	VU	
51	29		PENETANGUISHENE	ON	1	CICA-TV-51	444610	795925	C	C	
34	36		PENETANGUISHENE	ON	1	CBLFT-15	444610	795925	B	B	
35	23		PETERBOROUGH	ON	3		441945	781803	C	C	NEEDS TO SITE WITHIN 8 KM OF CH 24; DURING TRANSITION -3 DB TO BUFFALO NY
18	24		PETERBOROUGH	ON	3	CICO-TV-74	440715	780811	C	C	NEEDS TO SITE WITHIN 8 KM OF CH 23
27	30		PETERBOROUGH	ON	3	CIII-TV-27	440414	780836	C	C	AFTER TRANSITION -7 DB TO PARIS
12	34		PETERBOROUGH	ON	3	CHEX-TV	441945	781803	VU	VU	-20 DB TO AND FROM BUFFALO NY;-3 DB TO CHAPEAU QU
54	60		PETERBOROUGH	ON	1	CFTO-TV-54	442644	783200	C	C	
44	61		PETERBOROUGH	ON	1	CBLFT-12	440711	780812	C	C	
9	7		PICKLE LAKE	ON			512841	901100	VU	VU	
26	3		PRESCOTT	ON	1	CKWS-TV-2	444955	753117	A	A	
7	20		RED LAKE	ON	1		510118	934944	C	VU	
10	49		RED LAKE	ON		CBWET	510118	934944	VU	VU	
26	22		RENFREW(22)	ON	1		452800	764100	A	A	
42	27		SARNIA	ON	3	CKCO-TV-3	424253	820812	C	C	
34	46		SARNIA	ON	3	CBLN-TV-2	425431	822019	A	A	PERMITTED 400W AFTER TRANSITION
17	26		SARNIA-OIL SPRINGS	ON	3		425800	822300	B	B	NEEDS TO INSTALL 6-POLE ELLIPTIC FILTER ON CH 27 SARNIA OR COSITE;-7 DB TO EXETER D
29	55	T	SARNIA-OIL SPRINGS	ON	3	CIII-TV-29	424321	821000	C	C	
68	67		SARNIA-OIL SPRINGS	ON	1	CBLFT-17	425431	822019	B	B	
2	11		SAULT STE MARIE	ON	3	CHBX-TV	463540	842100	VL	VL	
12	16		SAULT STE MARIE	ON	1	CIII-TV-12	463550	841653	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
44	19		SAULT STE MARIE	ON	1		463100	842000	C	C	
5	21		SAULT STE MARIE	ON	1	CJIC-TV	463540	842100	VL	VL	
26	23		SAULT STE MARIE	ON	1	CBLFT-20	463550	841653	B	B	
20	25		SAULT STE MARIE	ON	1	CICO-TV-20	463540	842100	C	C	
38	32		SAULT STE MARIE	ON	1	CHCH-TV-5	463550	841653	A	A	
54	46		SAULT STE MARIE	ON	1		463100	842000	C	C	
67	44		SEVERN FALLS	ON	1	CHCH-TV-3	445814	794658	C	C	
12	51		SIOUX LOOKOUT	ON		CBWDT-1	500431	920140	VU	VU	
36	52		SMITHS FALLS	ON	1		450030	760458	A	A	
48	22		ST CATHARINES(60)	ON	3		431000	791500	A	C	-25 DB TO OSHAWA DURING TRANSITION;-10 DB TO BARRIE AFTER TRANSITION; ELLIPTIC FILTER
33	20		ST THOMAS(64)	ON	3		424700	811200	A	A	
22	6		STEVENSON	ON	3	CIII-TV-22	420341	822905	C	C	-3 DB TO LANSING MI DURING TRANSITION
44	46		STRATFORD	ON	3		432200	805700	A	A	
29	42		STURGEON FALLS	ON	1		462200	795600	A	B	
7	58		STURGEON FALLS	ON	1	CBLFT-1	462510	795604	VU	VU	
5	8		SUDBURY	ON	3	CICI-TV	463003	810113	VL	VL	
25	20		SUDBURY	ON	1	CHLF-TV-1	462529	810054	C	C	
41	39		SUDBURY	ON	1	CHCH-TV-4	462529	810054	B	B	
52	43		SUDBURY	ON	1		463000	810000	B	C	
35	45		SUDBURY	ON	1		463000	810000	C	C	
13	47		SUDBURY	ON	1	CBLFT-2	463014	805804	VU	VU	
19	50		SUDBURY	ON	1	CICO-TV-19	462529	810054	C	C	
30	59		SUDBURY	ON	3		463000	810000	B	C	CH 30 -13 DB TO SHEGUIANDAH
11	65		SUDBURY	ON	1	CFGC-TV	463019	805734	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
9	68		SUDBURY	ON	1	CKNC-TV	463003	810113	VU	VU	
54	46		SUDBURY(47)	ON	1		463000	810000	B	C	NEEDS TO INSTALL 6-POLE ELLIPTIC FILTER ON CH 46;-5 DB TO TOBERMORY, -10 DB TO TEMISCAMING
15	18		TEMAGAMI	ON	1	CBCQ-TV-1	470408	794716	B	B	
44	51		TEMAGAMI	ON	1		470400	794700	B	B	
36	53		THESSALON	ON	1		461500	833300	B	B	
9	46		THUNDER BAY	ON	1	CICO-TV-9	483302	891325	VU	VU	
2	49		THUNDER BAY	ON	1	CKPR-TV	483130	890650	VL	VL	
12	52		THUNDER BAY	ON	1	CBLFT-18	483302	891325	VU	VU	
4	54		THUNDER BAY	ON	1	CHFD-TV	483130	890650	VL	VL	
14	56		THUNDER BAY	ON			482300	891500	A	C	
30	58		THUNDER BAY	ON			482300	891500	C	C	
39	57		THUNDER BAY(25)	ON			482300	891500	C	C	
51	59		THUNDER BAY(41)	ON			482300	891500	C	C	
7	14		TIMMINS	ON	1	CICA-TV-7	482812	811750	VU	VU	
6	27		TIMMINS	ON	1	CFCL-TV	483250	805709	VL	VL	
26	30		TIMMINS	ON	1		482900	812000	B	C	
11	44		TIMMINS	ON	1	CHCH-TV-7	482812	811750	VU	VU	
9	48		TIMMINS	ON	1	CBLFT-3	482812	811750	VU	VU	
13	52		TIMMINS	ON	1	CIII-TV-13	482812	811750	VU	VU	
3	54		TIMMINS	ON	1	CITO-TV	483250	805709	VL	VL	
45	25		TIMMINS(48)	ON	1		482900	812000	C	C	
21	31		TIMMINS(54)	ON	1		482900	812000	B	C	
43	46		TOBERMORY	ON	1		451500	814000	B	B	
59	42		TOBERMORY(17)	ON	1		451500	814000	B	B	
58	28		TOBERMORY(26)	ON	1		451500	814000	B	B	-10 DB TO KABONI DURING TRANSITION

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
25	20		TORONTO	ON	3	CBLFT	433833	792315	C	C	
9	40		TORONTO	ON	3	CFTO-TV	433833	792315	VU	VU	-7 DB TO HUNTSVILLE AFTER TRANSITION
52	66		TORONTO	ON	3	CJIS-TV	433858	792245	C	C	CH 52 100 KW AT 289 M
19	63		TORONTO	ON		CICA-TV	433833	792315	C	C	
5	64		TORONTO	ON	1	CBLT	433833	792315	VL	VL	
41	65		TORONTO	ON	1	CIII-TV-41	433833	792315	C	C	
57	53		TORONTO	ON	3	CITY-TV	433833	792315	C	C	-10 DB TO BATAVIA NY AFTER TRANSITION; BATAVIA -3 DB TO TORONTO
47	68		TORONTO	ON		CFMT-TV	433833	792315	C	C	
0	51		TORONTO(30)	ON	3		433858	792315	C	C	-7 DB TO BATAVIA NY DURING TRANSITION
0	24	T	TORONTO(68)	ON	3		433858	792315	C	C	-7 DB TO PETERBOROUGH
40	4		TRENTON	ON	3		440600	773500	B	B	-3 DB TO BUFFALO NY DURING TRANSITION
14	42		VERMILION BAY	ON	1		495100	932400	B	B	
20	59		VERMILION BAY	ON			495100	932400	B	B	
27	6		WAWA	ON			475900	844700	B	B	
7	45		WAWA	ON	1	CHBX-TV-1	480113	844500	VU	VU	
16	51		WAWA	ON		CBLFT-23	480113	844500	B	B	
21	53		WAWA	ON	1		475900	844700	B	B	
9	55		WAWA	ON	1	CBLAT-3	480113	844500	VU	VU	
50	42		WELLAND(20)	ON	3		425900	791500	A	A	PERMITTED 400 W ERP
16	66		WHEATLEY	ON	3	CHWI-TV	420830	822648	C	C	
12	34		WHITE RIVER	ON	1	CBLAT-2	483745	851124	VU	VU	
20	17		WIARTON	ON		CBLN-TV-5	444437	805416	C	C	
2	35		WIARTON	ON	3	CKCO-TV-2	445641	810755	VL	VL	
9	35		WINDSOR	ON	3	CBET	420909	825705	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
60	65		WINDSOR	ON	3	CHWI-TV-60	421858	830224	B	B	-15 DB TO CHATHAM
32	68		WINDSOR	ON	3	CICO-TV-32	420909	825705	C	C	-3 DB TO MANSFIELD OH; -7 DB TO SARNIA
54	69		WINDSOR	ON	3	CBEFT	420909	825705	C	C	
45	54		WINGHAM	ON	3	CBLN-TV-4	440104	811146	C	C	
8	62		WINGHAM	ON	3	CKNX-TV	440526	811226	VU	VU	
31	51		WOODSTOCK	ON	3	CITY-TV-2	430246	804605	C	C	
52	3		CHARLOTTETOWN	PE	1		461400	630800	B	C	CH 52 COSITE OR MORE THAN 10 KM FROM ROCKY POINT
8	10		CHARLOTTETOWN	PE	1	CKCW-TV-1	461605	632030	VU	VU	
31	32		CHARLOTTETOWN	PE	1	CBAFT-5	461244	632032	C	C	
42	43		CHARLOTTETOWN	PE	1	CIHF-TV-14	462159	632438	B	B	-3 DB TO AMHERST DURING TRANSITION
13	66		CHARLOTTETOWN	PE	1	CBCT	461244	632032	VU	VU	
14	25	T	CHARLOTTETOWN(25)	PE	1		461400	630800	A	C	CH 14 -10 DB TO NEW GLASGOW NS
58	33		SOURIS(19)	PE	1		462100	621500	A	B	-11 DB TO GUYSBOROUGH NS AFTER TRANSITION;-13 DB TO TRACADIE NS DURING TRANS;-30 DB AFTER
4	26		ST EDWARD	PE	1	CBCT-1	465334	640856	B	B	
5	33		ST EDWARD	PE	1	CKCW-TV-2	465334	640856	B	B	
9	35		ST EDWARD	PE	1	CBAFT-6	465334	640856	A	A	
34	16		SUMMERSIDE(36)	PE	1		462400	634700	B	B	-8 DB TO KENNETCOOK NS, -30 DB TO WALLACE NS AFTER TRANSITION; -13 DB TO WALLACE DURING
40	46		SUMMERSIDE(65)	PE	1		462400	634700	B	B	
32	30		ALMA	QU	1	CBJET-1	483149	713758	A	A	
29	23		ALMA(16)	QU	1		483300	713900	B	B	
50	35		ALMA(48)	QU	1		483300	713900	B	B	
39	31	T	ASBESTOS(47)	QU	1		454600	715700	A	A	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
42	31		AYER'S CLIFF	QU	3		451157	720224	A	A	
34	19		BAIE-COMEAU	QU	1		491300	681000	A	B	
28	21		BAIE-COMEAU	QU	1	CBMIT	491359	680832	B	B	
9	25		BAIE-COMEAU	QU	1		491359	680832	B	B	
7	33		BAIE-COMEAU	QU	1	CBST-19	491359	680832	B	B	
35	31		BAIE-COMEAU(40)	QU	1		491300	681000	B	B	
58	29		BAIE-COMEAU(52)	QU	1		491300	681000	B	B	
18	30		BAIE-ST-PAUL	QU	1		472700	703000	A	A	
17	41		BAIE-TRINITE	QU	1		492500	671800	C	C	
12	49		BAIE-TRINITE	QU	1	CIVF-TV	492328	672818	VU	VU	
27	57		BEARN/FABRE	QU	1		471516	792238	B	B	
3	60		BEARN/FABRE	QU	1	CKRN-TV-3	471516	792238	VU	VU	
52	32		BEARN/FABRE(18)	QU	1		471516	792238	B	B	-27 DB TO EVANTUREL ON AFTER TRANSITION, -10 DB DURING
6	10		BEAUCEVILLE	QU	3	CBVT-6	461342	704528	C	C	
47	23		BOLTON-EST(55)	QU	3		450344	721754	B	B	-13 DB TO THETFORD-MINES, -7 DB TO SOREL, AFTER TRANSITION
19	22		BUCKINGHAM	QU	3		453500	752500	A	A	CH 19 -8 DB TO ARNPRIOR ON
48	21		CABANO	QU	1		474100	685400	B	B	
15	36		CARLETON	QU	1	CIVK-TV	480808	660701	C	C	
2	58		CARLETON	QU	1	CBGAT-14	480808	660701	VL	VL	
5	65		CARLETON	QU	1	CHAU-TV	480808	660701	VL	VL	
23	22		CHANDLER	QU		CBVB-TV	481818	644159	A	A	
6	26		CHANDLER	QU	1	CHAU-TV-4	482122	644108	A	A	
8	57		CHANDLER	QU		CBGAT-15	481818	644159	A	A	
35	16		CHAPEAU	QU	1		455515	770410	B	B	
23	34		CHAPEAU	QU	1	CIVP-TV	455529	770423	B	B	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
11	52		CHAPEAU	QU	1	CBOFT-1	455529	770423	B	B	
40	3		CHICOUTIMI	QU	1		482600	710400	B	B	
2	11		CHICOUTIMI	QU	1		482609	710234	B	VU	
8	16		CHICOUTIMI	QU	1	CIVV-TV	483604	704946	VU	VU	
58	21		CHICOUTIMI	QU	1	CBJET	482529	710632	B	B	
24	44		CHICOUTIMI	QU	1		482600	710400	B	B	
6	46		CHICOUTIMI	QU	1	CJPM-TV	482427	710508	VL	VL	
49	55		CHICOUTIMI(35)	QU	1		482600	710400	B	B	
42	55		CLERMONT(41)	QU	1		474200	701400	A	B	
11	16		CLORIDORME	QU	1	CHAU-TV-8	491127	645334	A	A	
8	28		CLORIDORME	QU		CBGAT-16	491127	645334	A	A	
54	28		COATICOOK(62)	QU	3		450800	714800	A	A	
52	28		COWANSVILLE(65)	QU	3		451200	724500	A	A	
51	13		DOLBEAU	QU			485300	721400	B	B	
17	35		DONNACONA(25)	QU	1		464000	714400	A	A	
0	29	T	DRUMMONDVILLE(36)	QU	3		455300	723000	B	B	
0	52	T	DRUMMONDVILLE(53)	QU	1		455300	723000	B	B	-5 DB TO SHERBROOKE, -20 DB TO SHAWINIGAN
18	28		ESCUMINAC	QU	1	CBVA-TV	480316	662718	A	A	
58	23		ESTCOURT(23)	QU	1		473014	691756	B	B	
4	42		FORESTVILLE	QU	1		484832	690030	C	C	
23	15		FORESTVILLE(25)	QU			484500	690600	B	B	
32	29		GASCONS	QU	1	CIVK-TV-1	481241	645217	C	C	
18	30		GASPE	QU	1	CBVG-TV	485001	641527	B	B	
9	33		GASPE	QU	1	CBGAT-17	485001	641527	C	C	
35	34		GASPE	QU	1	CIVK-TV-3	485001	641527	B	B	
7	56		GASPE	QU	1	CHAU-TV-6	485015	642935	B	B	
5	20		GASPE NORD	QU	1	CFER-TV-2	501019	664420	VL	VL	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
54	36		GRANBY	QU	3		452400	724300	A	B	CH 54 -7 DB TO MONTREAL; -20 DB TO ST-JEROME AFTER TRANSITION
34	15		GRANBY(27)	QU	3		452400	724300	B	B	CH 34 -12 DB TO ST-JEROME
0	25		GRANBY(59)	QU	3		452400	724300	B	B	
54	24		GRAND-FONDS	QU	1		474500	700700	C	C	
31	51		GRAND-FONDS	QU	1	CIVB-TV-1	474647	700910	C	C	
6	23		GRANDE-VALLEE	QU	1	CBGAT-3	491300	651042	B	B	
40	15		HULL	QU	1	CHOT-TV	451844	751732	C	C	
49	63		HULL	QU	1	CFGS-TV	451844	751732	C	C	
30	64		HULL	QU	1	CIVO-TV	453011	755102	C	C	-3 DB TO KINGSTON ON
43	50		JOLIETTE	QU	1		460100	732600	B	B	-10 DB TO VALLEYFIELD AFTER TRANSITION
19	18		JONQUIERE	QU	1		482500	711500	C	C	
4	38		JONQUIERE	QU	1	CFRS-TV	483607	704946	VL	VL	
12	48		JONQUIERE	QU	1	CKRS-TV	483604	704946	VU	VU	
53	52		JONQUIERE	QU	1		482500	711500	C	C	
47	26		JONQUIERE(14)	QU	1		482500	711500	C	C	CH 19 -10 DB TO RIVIERE-DU-LOUP
12	42		L'ANSE A VALLEAU	QU	1	CHAU-TV-9	490424	643219	A	A	
28	17		LA POCATIERE	QU	3		472200	700200	A	B	
26	24		LA TUQUE	QU	1		472700	724700	B	B	
3	29		LA TUQUE	QU	1	CBFT-14	472525	724549	VU	VU	
9	50		LA TUQUE	QU	1	CBMET	472525	724549	A	A	
49	54		LA TUQUE	QU	1		472700	724700	B	B	
17	22		LAC-ETCHEMIN	QU	3		462300	703700	A	A	
55	28		LAC-ETCHEMIN	QU	1	CBVT-4	462442	703537	B	B	
12	31		LAC-MEGANTIC	QU	1	CBVT-3	453149	704720	B	B	
26	35		LAC-MEGANTIC(66)	QU	3		453500	705300	A	A	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
0	55	T	MAGOG(68)	QU	1		451600	720900	A	A	
46	10		MANICOUAGAN(10)	QU	1		503845	684422	VU	VU	
15	31		MANIWAKI	QU	1	CBVU-TV	462408	755646	A	A	
14	24		MATANE	QU	1		485100	673200	B	B	
6	43		MATANE	QU	1	CBGAT	485000	672142	VU	VU	
54	51		MATANE(43)	QU	1		485100	673200	B	B	
13	23		MONT-CLIMONT	QU	1	CBGAT-1	482350	671927	C	C	
56	52		MONT-JOLI	QU	1		483500	681100	B	B	
39	57		MONT-JOLI	QU	1		483500	681100	B	B	
20	44		MONT-JOLI(16)	QU	1		483500	681100	B	B	MAY NEED TO INSTALL ELLIPTIC FILTER ON CH 45 RIMOUSKI
32	36		MONT-JOLI(27)	QU	1		483500	681100	A	B	
38	16		MONT-JOLI(45)	QU	3		483500	681100	B	B	
27	2		MONT-LAURIER	QU	1		463337	754220	B	B	
3	44		MONT-LAURIER	QU	1	CBFT-2	463337	754220	VU	VU	
21	48		MONT-LAURIER	QU	1		463337	754220	B	B	
36	18		MONT-LAURIER(54)	QU	3		463300	753000	B	B	
29	27		MONT-LOUIS	QU	1		491300	654500	B	B	
19	31		MONT-LOUIS	QU	1	CBGAT-10	491320	654536	B	B	
16	22		MONT-ST-MICHEL	QU	1	CBFT-9	464623	751824	B	B	
38	29		MONT-ST-MICHEL	QU	1		464700	752000	B	B	
33	54		MONT-ST-MICHEL	QU			464700	752000	B	B	
11	56		MONT-TREMBLANT	QU	3	CBFT-1	461310	743311	VU	VU	-3 DB TO MONTREAL DURING TRANSITION
57	21		MONTMAGNY	QU	1		465900	703300	A	B	
14	44		MONTMAGNY(68)	QU	3		465900	703300	B	B	
56	20	T	MONTREAL	QU	3		453100	733400	B	C	CH 56 -8 DB TO MONT-TREMBLANT
12	21		MONTREAL	QU	3	CFCF-TV	453020	733532	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
17	27		MONTREAL	QU	1	CIVM-TV	453020	733532	C	C	
35	42		MONTREAL	QU	1	CFJP-TV	453020	733532	C	C	
46	51		MONTREAL	QU	1	CKMI-TV-1	453020	733532	C	C	
29	54		MONTREAL	QU	1	CFTU-TV	453010	733655	B	B	
67	55		MONTREAL	QU	1		453020	733532	B	B	
10	59		MONTREAL	QU	1	CFTM-TV	453020	733532	VU	VU	
6	61		MONTREAL	QU	3	CBMT	453020	733532	VL	VL	ERP=<CH62
2	64		MONTREAL	QU	3	CBFT	453020	733532	VL	VL	
62	69		MONTREAL	QU	1	CJNT-TV	453018	733530	B	B	
0	26	T	MONTREAL(51)	QU	1		453100	733400	C	C	CLASS B TO TROIS-RIVIERES
21	30		MURDOCHVILLE	QU	1		485800	653000	B	B	
10	39		MURDOCHVILLE	QU	1	CBGAT-2	485756	652843	C	C	
47	44		MURDOCHVILLE	QU	1		485800	653000	B	B	
59	34		MURDOCHVILLE(31)	QU	1		485800	653000	B	B	
45	38		NEW-CARLISLE	QU		CBVN-TV	480032	651932	B	B	
27	21		NEW-RICHMOND	QU	1	CBVR-TV	480850	654746	B	B	
40	41		PERCE	QU	1	CIVK-TV-2	483138	641440	B	B	
14	44		PERCE	QU	1	CBVP-TV	483138	641440	B	B	
11	48		PERCE	QU	1	CBGAT-20	483138	641440	VU	VU	
13	53		PERCE	QU	1	CHAU-TV-5	483138	641440	VU	VU	
55	12		PERCE(53)	QU	1		483100	641300	B	B	
22	33		PLESSISVILLE(29)	QU	3		461300	714700	A	A	
7	19		PORT-DANIEL	QU	1	CBGAT-21	480825	645905	A	A	
16	51		PORT-DANIEL	QU	1	CBVF-TV	480825	645905	A	A	
11	12		QUEBEC	QU	1	CBVT	465140	710446	VU	VU	
15	25		QUEBEC	QU	1	CIVQ-TV	464827	711302	C	C	
20	39		QUEBEC	QU	1	CKMI-TV	464922	712945	C	C	
38	42		QUEBEC	QU	1		464900	711300	C	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
4	49		QUEBEC	QU	1	CFCM-TV	464704	711554	VL	VL	
2	61		QUEBEC	QU	1	CFAP-TV	464827	711302	VL	VL	
5	67		QUEBEC	QU		CBVE-TV	464704	711554	VU	VU	
24	43		QUEBEC(33)	QU	3		464900	711300	B	C	
26	18		QUEBEC(65)	QU	3		464900	711300	B	C	
8	31		RAPIDES-DES-JOACHIMS	QU	1	CBOFT-2	461158	774240	A	A	
18	27		RIMOUSKI	QU	1	CJPC-TV	482537	682919	A	A	
22	40		RIMOUSKI	QU	1	CIVB-TV	482802	681253	C	C	
2	45		RIMOUSKI	QU	1	CJBR-TV	481940	685009	VL	VL	
11	47		RIMOUSKI	QU	1	CFER-TV	482802	681253	VU	VU	
46	10		RIMOUSKI(51)	QU	1		482700	683200	C	C	
2	25		RIVIERE-AU-RENARD	QU	1	CBGAT-22	485952	642555	B	B	
4	46		RIVIERE-AU-RENARD	QU	1	CHAU-TV-7	485952	642555	VL	VL	
59	25	T	RIVIERE-DU-LOUP	QU	3		475000	693200	C	C	
50	34		RIVIERE-DU-LOUP	QU	1		475000	693200	B	B	
29	41		RIVIERE-DU-LOUP	QU	1	CFTF-TV	473503	692210	C	C	
7	53		RIVIERE-DU-LOUP	QU	1	CKRT-TV	473503	692210	VU	VU	
9	56		RIVIERE-DU-LOUP	QU	1	CIMT-TV	473503	692210	VU	VU	
10	14		ROBERVAL	QU	1	CJPM-TV-1	482320	720522	VU	VU	
45	57		ROBERVAL	QU	1		483100	721300	B	B	
7	32		SEPT ILES	QU	1		501019	664420	C	C	
48	11		SEPT-ILES	QU	1		501200	662300	C	C	
3	14		SEPT-ILES	QU	1	CBSET	500856	662812	VL	VL	
9	18		SEPT-ILES	QU	1	CIVG-TV	501018	664419	VU	VU	
36	24		SEPT-ILES	QU	1		501200	662300	C	C	
13	35		SEPT-ILES	QU	1	CBST	500856	662812	VU	VU	
50	54		SEPT-ILES(11)	QU	1		501200	662300	VU	VU	CH 50 -5 DB TO STE-MARGUERITE-MARIE
18	22		SHAWINIGAN	QU	1		463300	724500	B	B	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
55	31		SHAWINIGAN	QU	1		463300	724500	A	B	
42	52		SHAWINIGAN(66)	QU	1		463300	724500	B	B	-10 DB TO SHERBROOKE AFTER TRANSITION, -18 DB TO DRUMMONDVILLE DURING
14	19	T	SHERBROOKE	QU	1		452400	715400	C	C	
11	41		SHERBROOKE	QU	3	CKMI-TV-2	451843	721432	VU	VU	
50	52		SHERBROOKE	QU	1	CBMT-3	452348	714954	B	B	
7	60		SHERBROOKE	QU	1	CHLT-TV	451843	721432	VU	VU	
9	63		SHERBROOKE	QU	1	CKSH-TV	451843	721432	VU	VU	
24	68		SHERBROOKE	QU		CIVS-TV	451843	721432	C	C	
27	53		SHERBROOKE(60)	QU	1		452400	715400	B	B	
30	66		SHERBROOKE/MAGOG	QU		CFKS-TV	451843	721432	C	C	
19	23		SOREL	QU	3		460300	730700	B	B	CH 19 -10 DB TO ST-MICHEL-DES-SAINTS;CH 23 -7 DB TO BOLTON-EST, -10 DB TO THETFORD- MINES
36	54		SOREL(64)	QU	3		460300	730700	A	B	
44	48		SOREL(69)	QU	3		460300	730700	A	B	
13	35		ST-FABIEN-DE-PANET	QU	1	CBVT-5	463923	700851	B	B	
43	7		ST-FELICIEN	QU			483900	722700	B	B	
27	28		ST-FULGENCE	QU	1	CKRS-TV-1	482502	705455	A	A	
19	33		ST-GEORGE-BEAUCE	QU	3		460700	704000	A	A	
40	39		ST-HYACINTHE(48)	QU	3		453800	725700	B	B	CH 40 -12 DB TO TROIS-RIVIERES; CH 39 -30 DB TO STE-ADELE AFTER TRANSITION, -15 DB DURING
48	4		ST-JEAN(25)	QU	3		451900	731400	A	B	
23	36		ST-JEROME(26)	QU	3		454700	740000	B	B	-23 DB TO GRANBY AFTER TRANSITION, -3 DB DURING

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
34	0		ST-JEROME(4)	QU	1		454700	740000	A	VU	-10 DB TO GRANBY
7	19		ST-MICHEL-DES-SAINTS	QU	1	CBFT-3	463556	735404	VU	VU	-10 DB TO SOREL DURING TRANSITION
3	27		ST-PAMPHILE	QU	1	CBSPT	465553	694920	B	B	
50	40		ST-PROSPER-DE-DORCHE	QU	3		461235	702915	A	A	
30	34		ST-RENE-DE-MATANE	QU	1	CBGAT-7	484106	672115	B	B	
59	26		ST-RENE-DE-MATANE(41)	QU	1		484300	672300	B	B	
54	28		STE-ADELE	QU	1		455638	740810	A	A	CH 54 -7 DB TO MONTREAL; -6 DB TO CORNWALL
15	39		STE-ADELE	QU	3		455442	740644	A	A	-14 DB TO ST-HYACINTHE AFTER TRANSITION
32	31		STE-AGATHE-DES-MTS	QU	1		460206	741419	A	A	
33	52		STE-AGATHE-DES-MTS(42)	QU	1		460206	741409	A	A	
8	55		STE-ANNE-DES-MONTS	QU	1	CBGAT-11	490607	661714	VU	VU	
3	50		STE-MARGUERITE-MARIE	QU	1	CHAU-TV-1	481840	670506	VU	VU	
44	33		STONEHAM	QU	1	CBVT-8	465723	712324	A	A	
40	16		TEMISCAMING	QU	1		464300	790600	B	B	
22	24		TEMISCAMING	QU	1		464300	790600	A	B	
28	46		TEMISCAMING	QU	1		463828	790424	B	C	-5 DB TO SUDBURY ON AFTER TRANSITION
12	49		TEMISCAMING	QU	1	CBFST-2	463828	790424	VU	VU	
53	55		TEMISCAMING	QU	1		464300	790600	B	B	
42	3		THETFORD-MINES	QU	1		460500	711800	A	B	
21	23		THETFORD-MINES	QU	1	CBVT-9	460653	712424	B	B	
32	36		THETFORD-MINES	QU	1	CBMT-4	460653	712424	B	B	
52	54		THETFORD-MINES	QU	3		460500	711800	B	B	CH 52 -10 DB TO SHERBROOKE;-6 DB TO TROIS-RIVIERES AFTER TRANSITION

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
46	29	T	THETFORD-MINES(61)	QU	1		460500	711800	B	B	
49	39		TROIS-PISTOLES(42)	QU	1		480700	691100	B	B	
45	26		TROIS-RIVIERES	QU	1	CIVC-TV	462927	723900	C	C	
16	34		TROIS-RIVIERES	QU	1	CFKM-TV	462927	723900	C	C	
28	40		TROIS-RIVIERES	QU	1	CBMT-1	462927	723900	B	B	
8	47		TROIS-RIVIERES	QU	1	CHEM-TV	463010	723815	VU	VU	
39	54		TROIS-RIVIERES	QU	1		462927	723900	A	B	CH 39 -3 DB TO QUEBEC;-7 DB TO MONTREAL, -9 DB TO THETFORD-MINES AFTER TRANSITION
13	58		TROIS-RIVIERES	QU	1	CKTM-TV	462927	723900	VU	VU	
0	50		VALLEYFIELD(68)	QU	3		451500	740800	B	B	-10 DB TO JOLIETTE AFTER TRANSITION
48	44		VICTORIAVILLE(34)	QU	3		460300	715800	A	B	
51	55		VICTORIAVILLE(58)	QU	1		460300	715800	B	B	-2 DB TO MONTREAL AFTER TRANSITION
56	57		VICTORIAVILLE(63)	QU	3		460300	715800	B	B	
9	20	T	VILLE DE LA BAIE	QU	3		482000	705300	VU	VU	6-POLE ELLIPTIC FILTER
13	36		VILLE DE LA BAIE(30)	QU	1		482000	705300	A	A	
56	57		ASSINIBOIA(23)	SA			493800	1055900	B	B	
54	24		BELLEGARDE	SA	1		493200	1013300	B	B	
26	38		BELLEGARDE	SA		CBKFT-9	493055	1013451	B	B	
29	18		BIGGAR	SA	1		520400	1080000	B	B	
49	25		BROADVIEW	SA			502000	1023000	B	B	
32	51		CANORA	SA	1		513700	1022600	B	B	
7	21		CARLYLE LAKE	SA		CIEW-TV	494837	1024114	VU	VU	
47	28		CARLYLE LAKE	SA	1		494600	1021500	A	A	
48	16		COLGATE	SA			492400	1035300	A	A	
12	39		COLGATE	SA		CKCK-TV-1	492616	1034753	VU	VU	
19	24		CYPRESS HILLS	SA			494000	1093000	A	A	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
2	27		CYPRESS HILLS	SA		CBCP-TV-2	493925	1093045	VU	VU	
14	25		DAVIDSON	SA	1		511600	1055900	A	B	
54	29		DAVIDSON	SA	1		511914	1060346	B	B	
19	31		ESTERHAZY	SA	1		503900	1020500	B	B	
35	41		ESTERHAZY(25)	SA	1		503900	1020500	B	B	
58	55		ESTERHAZY(41)	SA	1		503347	1015755	B	B	
33	28		ESTEVAN	SA	1		490800	1025900	A	A	
22	2		ESTON	SA	1		511000	1084600	A	B	-3 DB TO OYEN AB DURING TRANSITION
7	16		FORT QU'APPELLE	SA		CKTV-TV	504700	1034703	A	A	
59	45		FORT QU'APPELLE(27)	SA	3		504600	1034800	B	B	
10	14		GOLDEN PRAIRIE	SA	1	CKMC-TV-1	501220	1093543	VU	VU	
39	23		GRAVELBOURG	SA	1	CBKFT-6	495217	1062336	B	B	
45	24		GRAVELBOURG	SA		CBKGT	495217	1062336	B	B	
26	25		GREENWATER LAKE	SA	1		522800	1033000	A	A	
4	58		GREENWATER LAKE	SA	1	CKBI-TV-3	522758	1033012	VU	VU	
22	49		HUMBOLDT	SA	1		521200	1050700	B	B	
36	24		INDIAN HEAD(21)	SA			503200	1034000	A	B	
54	45		KAMSACK	SA	1		513400	1015400	B	B	
54	33		KINDERSLEY	SA	1		512700	1091000	B	B	
53	49		MAPLE CREEK(16)	SA			495500	1092700	B	B	
15	25		MARENGO	SA	1		512750	1093700	B	B	
26	49		MARENGO	SA	1		512900	1094700	B	B	
20	17		MELVILLE(17)	SA			505500	1024800	B	B	
42	18		MOOSE JAW	SA	1		502300	1053200	C	C	
16	30		MOOSE JAW	SA		CBKFT-10	502302	1053257	A	A	
4	43		MOOSE JAW	SA	1	CBKT-1	502325	1055538	VL	VL	
7	47		MOOSE JAW	SA	1	CKMJ-TV	503843	1054606	VU	VU	
17	36		MOOSE JAW(26)	SA	1		502300	1053200	B	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
40	18		MOOSOMIN(36)	SA	3		500700	1014000	B	B	
46	16		NORQUAY	SA			515300	1020500	A	A	
13	18		NORQUAY	SA	1	CKOS-TV-1	520300	1020318	C	C	
7	22		NORQUAY	SA	1	CICC-TV-2	520300	1020318	C	C	
34	17		OXBOW	SA			491400	1021100	B	B	
3	19		PONTEIX	SA	1	CBCP-TV-3	494420	1071554	VL	VL	
22	44		PONTEIX	SA	1	CBKFT-7	494420	1071554	B	B	
2	8		REGINA	SA	3	CKCK-TV	502652	1043000	VL	VL	
29	20		REGINA	SA	1		502500	1043900	B	C	
9	26		REGINA	SA	1	CBKT	502858	1043020	VU	VU	
13	27		REGINA	SA	1	CBKFT	502858	1043020	VU	VU	
11	40		REGINA	SA	1	CFRE-TV	503544	1050409	VU	VU	
46	53		REGINA	SA	1		502500	1043900	B	C	
44	32		REGINA(18)	SA	1		502500	1043900	C	C	
51	33		REGINA(24)	SA	1		502500	1043900	C	C	
25	15		RIVERHURST	SA			505400	1065200	A	B	
10	49		RIVERHURST	SA		CJFB-TV-3	504425	1065434	B	B	
38	22		RIVERHURST(43)	SA	1		505400	1065200	B	B	
40	32		ROSETOWN	SA	1		513300	1080000	B	B	
11	17		SASKATOON	SA	1	CBKST	521028	1062604	VU	VU	
33	26		SASKATOON	SA	1		520700	1063800	B	C	
28	36		SASKATOON	SA	1		520700	1063800	B	C	
13	39		SASKATOON	SA	1	CBKFT-1	521028	1062604	VU	VU	
4	42		SASKATOON	SA	1	CFSK-TV	521028	1062604	VL	VL	
8	59		SASKATOON	SA		CFQC-TV	521130	1062312	VU	VU	
34	55		SASKATOON(17)	SA	1		520700	1063800	B	C	
21	19		SASKATOON(23)	SA	1		520700	1063800	B	C	-3 DB TO PONTEIX AFTER TRANSITION
7	16		SHAUNAVON	SA	1	CBCP-TV-1	493331	1082748	C	C	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
15	38		SHAUNAVON	SA			494000	1082500	B	B	
7	15		ST BRIEUX	SA	1	CBKFT-4	523544	1045252	A	A	
9	45		STRANRAER	SA	1	CBKST-1	514049	1084254	VU	VU	
3	51		STRANRAER	SA	1	CFQC-TV-1	514055	1083045	VL	VL	
56	24		STRANRAER(24)	SA			514300	1082900	A	A	
30	28		SWIFT CURRENT	SA			501700	1075000	B	B	
12	35		SWIFT CURRENT	SA		CKMC-TV	501831	1075235	VU	VU	
5	41		SWIFT CURRENT	SA	1	CJFB-TV	502020	1074724	VU	VU	
48	31		SWIFT CURRENT(36)	SA			501700	1075000	B	B	
27	31		UNITY	SA			522700	1091000	B	B	
3	46		WARMLEY	SA	1	CFSS-TV	494837	1024114	VL	VL	
3	46		WARMLEY	SA	1	CFSS-TV	494837	1024114	VL	VL	
23	10		WATROUS(36)	SA	1		514000	1052800	B	B	
23	5		WEYBURN(32)	SA	1		494000	1035100	B	B	
43	56		WILKIE(16)	SA	1		522500	1084300	B	B	
6	34		WILLOW BUNCH	SA		CKCK-TV-2	492058	1053808	VL	VL	
21	38		WILLOW BUNCH	SA		CBKFT-8	492310	1054017	B	B	
10	50		WILLOW BUNCH	SA		CBKT-2	492310	1054017	VU	VU	
41	3		WYNYARD	SA	1		514700	1041000	B	B	
12	54		WYNYARD	SA	1	CIWH-TV	514230	1041755	VU	VU	
6	56		WYNYARD	SA	1	CHSS-TV	514230	1041755	VU	VU	
10	23		YORKTON	SA	1	CICC-TV	511233	1024359	C	C	
34	30		YORKTON	SA	1		511300	1022800	B	B	
14	38		YORKTON	SA			511300	1022800	A	B	
5	48		YORKTON	SA	1	CKOS-TV	511233	1024359	VL	VL	
22	8		CLINTON CREEK	YT			642400	1403600	B	B	
59	51		CLINTON CREEK(8)	YT			642407	1403650	VU	VU	

CH_N	CH_D	TR	CITY_VILLE	PR	S	CALL_IND	LAT	LONG	CL_N	CL_D	COMMENTS
19	15		DAWSON	YT	1		640300	1392500	C	C	CH 19 COSITE OR MORE THAN 10 KM FROM CH 26 LP
3	20		DAWSON	YT	1		640400	1392530	VU	VU	COSITE OR MORE THAN 10 KM FROM CH 22 LP
7	36		DAWSON	YT	1	CBDDT	640329	1392449	A	A	
10	38		DAWSON	YT	1		640335	1392536	A	VU	COSITE OR MORE THAN 8 KM FROM CH 34 LP
56	14		DAWSON(14)	YT	1		640300	1392500	C	C	CH 56 COSITE OR MORE THAN 10 KM FROM CH 48 AND 49 LP
15	23		ELSA	YT	1		635500	1352900	B	B	
9	35		ELSA	YT	1		635534	1352900	VU	VU	
8	15		FARO	YT			621347	1332000	B	VU	
3	13		FARO(15)	YT			621400	1332000	B	B	
13	21		KENO HILL	YT	1		635455	1352350	B	VU	
20	25		KENO HILL	YT			635500	1351800	B	B	
7	50		MAYO	YT			633500	1355400	C	VU	
2	27		MAYO(23)	YT			633500	1355400	B	B	
8	7		WATSON LAKE	YT	1	CBDAT	600352	1284252	A	A	
2	13		WATSON LAKE(14)	YT			600700	1284800	B	B	
11	14		WHITEHORSE	YT		CHWT-TV	603929	1345257	B	B	
2	22		WHITEHORSE	YT			604200	1350530	VU	VU	
6	36		WHITEHORSE	YT		CFWH-TV	603935	1345256	C	C	
47	27		WHITEHORSE(14)	YT			604400	1350500	C	C	
58	51		WHITEHORSE(19)	YT			604400	1350500	C	C	

APPENDIX 2 - PLANNING AND SEPARATION CRITERIA

1. General

The DTV service availability is based on providing coverage in a service area with an availability of (90,90) i.e. at 90% of the locations and 90% of the time, except for channels 60 to 69 where it is (50,90) i.e. at 50% of the locations and 90% of the time. To minimize interference during the transition period when both NTSC and DTV are operating, DTV stations were limited to the parameters needed for (50,90) coverage.

For the development of the separation tables in section 4 of this appendix, the following receiving system parameters were used.

Parameter	Low VHF	High VHF	UHF
Front-to-Back Ratio dB	6	12	16
Minimum required field strength	35 dBµV/m	33 dBµV/m	39 dBµV/m

2. DTV/NTSC System Protection Ratios

The protection ratios are based upon the values resulting from analysis of noise partitioning and interference for co-channel and first adjacent channel and the values from the measurements and tests of the Grand Alliance DTV system.

Parameter	Value (dB)
Carrier-to-Noise Ratio	+19.5
Co-channel D/U Ratio	
DTV into NTSC	+33.8
NTSC into DTV	+7.2
DTV into DTV	+19.5
Adjacent Channel D/U Ratio	
Lower DTV into NTSC	-16
Upper DTV into NTSC	-12
Lower NTSC into DTV	-48
Upper NTSC into DTV	-49
Lower DTV into DTV	-27.2
Upper DTV into DTV	-27.2

Parameter	Value (dB)

UHF Taboo D/U Ratio, DTV into NTSC

N-2	-24
N+2	-28
N-3	-30
N+3	-34
N-4	-34
N+4	-25
N-7	-35
N+7	-34
N-8	-32
N+8	-43
N+14	-33
N+15	-31

where N is the protected channel

UHF Taboo D/U Ratio, NTSC into DTV

N-2	-62
N+2	-60
N-3	-62
N+3	-62
N-4	-58
N+4	-57
N-7	-58
N+7	-58
N-8	-58
N+8	-58
N+14	-58
N+15	-58

3. Terrain Data and Propagation Models

For calculations involving terrain data, the Canadian Digital Elevation Data (CDED) terrain database 1998, or later, will be used for Canada and the United States Geological Survey 3 Arc Second Terrain Elevation Data, Fall 1989, or later, will be used for the U.S. For calculations involving population, the Statistics Canada, Census Population data, 1996, or later, will be used for Canada and the U.S. Bureau of the Census Public Law 94-171 Population Data, 1990, or later, will be used for the U.S.

Initial calculations will use the appropriate F(50,50) and F(50,10) curves in the existing agreement. For F(50,90) calculations, use the following formula:

$$F(50,90) = F(50,50) + [F(50,50) – F(50,10)]$$

For F(90,90) calculations, add 7.1 dB in the UHF band or 6.1 dB in the VHF bands, to the F(50,90) values. For F(10,10) calculations, subtract the above from the F(50,10) values. Where the letter of understanding calls for use of the Longley-Rice model, it will be version 2.1 unless otherwise agreed by exchange of correspondence.

4. Separation Tables

4.1 Class Definitions

These class definitions were developed for Canadian domestic use and are applied to US DTV allotments only to permit the use of the distance separations in an efficient manner.

DTV Allotments

Class VL – DTV allotments replacing low VHF band NTSC, protected coverage 89 km

Class VU – DTV allotments replacing upper VHF band NTSC, protected coverage 82 km

Class C – DTV allotments replacing UHF band class C NTSC, protected coverage 70 km

Class B – DTV allotments replacing UHF band class B NTSC, protected coverage 45 km

Class A – DTV allotments replacing UHF band class A NTSC, protected coverage 25 km

4.2 Separation Distance Tables

The following separation distances were used to determine the technical acceptability of DTV channel allotments.

TABLE 4.2.1

UHF BAND – DTV -> DTV (90,90/10,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	30	50	75	87	94	50	58	83	98	105	75	83	108	123	130
0	112	194	296	363	386	194	175	277	344	367	296	277	287	340	359
1	30	50	75	87	94	50	58	83	98	105	75	83	108	123	130

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL

CHAN.										
-1	87	98	123	135	142	94	105	130	142	149
0	363	344	340	352	371	386	367	359	371	378
1	87	98	123	135	142	94	105	130	142	149

Channel –1 means lower first adjacent.

Protection was assessed in both directions and the greater separation distance was used.

TABLE 4.2.2

UPPER VHF BAND – DTV -> DTV (90,90/10,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	30	50	75	87	94	50	57	82	94	101	75	82	99	112	122
0	100	156	224	265	291	156	160	223	260	284	224	223	248	285	309
1	30	50	75	87	94	50	57	82	94	101	75	82	99	112	122

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	84	86	93	100	105	91	93	100	107	111
0	265	260	285	297	321	291	284	309	321	328
1	86	93	83	100	105	91	93	100	107	111

TABLE 4.2.3

LOWER VHF BAND – DTV -> DTV (90,90/10,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	33	53	78	90	97	53	62	87	99	108	78	87	109	123	133
0	132	191	249	286	309	191	211	269	306	329	249	269	294	331	354
1	33	53	78	90	97	53	62	87	99	108	78	87	109	123	133

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	90	99	123	135	145	97	108	133	145	152
0	286	306	331	343	366	309	329	354	366	373
1	90	99	123	135	145	97	108	133	145	152

TABLE 4.2.4

UHF BAND - DTV -> DTV (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	26	45	70	82	89	46	47	72	84	91	71	72	77	88	95
0	58	114	204	258	283	114	111	185	239	264	204	185	207	254	276
1	26	46	71	83	90	45	47	72	84	91	70	72	77	89	96

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	83	84	89	94	101	90	91	96	101	104
0	258	239	254	266	288	283	264	276	288	295
1	82	84	88	94	101	89	91	95	101	104

Channel –1 means lower first adjacent.

Protection was assessed in both directions and the greater separation distance was used.

TABLE 4.2.5

UPPER VHF BAND – DTV -> DTV (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	26	46	71	83	90	46	47	72	84	91	71	72	74	86	93
0	68	100	154	191	215	100	120	162	193	215	154	162	187	218	240
1	26	46	71	83	90	46	47	72	84	91	71	72	74	86	93

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	83	84	86	88	94	90	91	93	95	98
0	191	193	218	230	252	215	215	240	252	259
1	83	84	86	88	95	90	91	93	94	98

TABLE 4.2.6

LOWER VHF BAND – DTV -> DTV (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	26	46	71	83	90	46	48	73	85	92	71	73	78	89	96
0	86	127	180	214	236	127	147	201	234	256	180	200	225	259	281
1	26	46	71	83	90	46	48	73	85	92	71	74	78	90	97

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	83	85	90	93	100	90	92	97	100	103
0	214	234	259	271	293	236	256	281	293	300
1	83	85	89	93	100	90	92	96	99	103

TABLE 4.2.7

UHF BAND - DTV -> NTSC (50,90/50,10) Separation distances in km

Int. Prot.	A A	B A	C A	VU A	VL A	A B	B B	C B	VU B	VL B	A C	B C	C C	VU C	VL C
CHAN.															
-15	26	46	71	83	90	28	48	73	85	92	33	53	78	90	97
-14	26	46	71	83	90	28	48	73	85	92	33	53	78	90	97
-8	26	46	71	83	90	28	48	73	85	92	33	70	78	90	97
-7	26	46	71	83	90	28	48	73	85	92	33	70	78	90	97
-4	26	46	71	83	90	28	48	73	85	92	33	70	78	90	97
-3	26	46	71	83	90	27	47	72	84	91	31	71	76	88	96
-2	26	46	71	83	90	45	48	73	85	92	70	71	77	89	95
-1	28	48	73	85	92	46	51	76	88	95	71	72	85	97	104
0	99	100	143	192	215	162	144	169	181	197	241	223	240	252	259
1	28	48	73	85	92	46	51	76	88	95	71	73	86	98	105
2	26	46	71	83	90	27	47	72	84	91	31	71	76	88	95
3	26	46	71	83	90	27	47	72	84	91	31	70	76	88	95
4	26	46	71	83	90	45	48	73	85	92	70	71	78	90	97
7	26	46	71	83	90	28	48	73	85	92	33	70	78	90	97
8	26	46	71	83	90	28	48	73	85	92	33	53	78	90	97
14	0	25	27	29	30	0	45	47	49	50	0	70	72	74	75
15	0	26	27	30	31	0	46	47	50	51	0	71	72	75	76

Int. Prot.	A VU	B VU	C VU	VU VU	VL VU	A VL	B VL	C VL	VU VL	VL VL
CHAN.										
-15	37	57	82	94	101	42	62	89	101	108
-14	37	57	82	94	101	42	62	89	101	108
-8	37	82	84	94	101	42	89	91	101	108
-7	36	82	83	92	99	40	89	90	99	104
-4	38	82	84	95	102	38	89	91	102	107
-3	34	83	84	91	98	38	90	91	98	102
-2	82	83	86	93	100	89	90	93	100	104
-1	82	84	91	103	110	89	91	100	112	119
0	284	264	277	289	296	313	293	306	318	325
1	83	85	92	104	111	90	92	102	114	121
2	34	83	86	31	98	38	90	93	98	102
3	34	82	84	91	98	38	89	91	98	102
4	82	83	86	94	101	89	90	93	101	108
7	37	82	83	94	101	42	89	90	101	108
8	37	57	84	94	101	42	62	91	101	108
14	0	82	84	86	87	0	89	91	93	94
15	0	83	84	87	88	0	90	91	94	95

Channel –1 means lower first adjacent.

A separation of zero means that interference is unlikely at any separation.

Protection was assessed in both directions and the greater separation distance was used.

TABLE 4.2.8

UPPER VHF BAND – DTV -> NTSC (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	27	47	72	84	91	46	50	75	87	94	71	72	81	93	100
0	93	113	138	150	167	139	147	171	183	190	206	206	231	243	250
1	28	48	73	85	92	46	51	76	88	95	71	73	82	94	101

Int.	A	B	C	VU	VL
Prot	VU	VU	VU	VU	VU
CHAN.					
-1	83	84	87	99	106
0	243	239	264	276	283
1	83	85	89	100	107

TABLE 4.2.9

LOWER VHF BAND – DTV -> NTSC (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	29	47	72	84	91	49	53	74	86	93	74	78	88	96	102
0	93	137	193	227	249	116	157	213	247	269	171	191	238	272	294
1	30	47	72	84	91	50	53	74	86	93	75	80	93	104	111

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	86	90	100	108	114	93	97	107	115	121
0	198	218	250	284	306	214	234	259	291	313
1	87	92	105	116	123	94	99	112	123	130

TABLE 4.2.10

UHF BAND - NTSC -> DTV (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-15	0	0	0	0	0	26	46	71	83	90	27	47	72	84	91
-14	0	0	0	0	0	25	45	70	82	89	27	47	72	84	91
-8	26	28	33	37	42	46	48	53	57	62	71	73	78	84	91
-7	26	28	33	37	42	46	48	70	82	89	71	73	78	83	90
-4	26	45	70	82	89	46	48	71	83	90	71	73	78	86	93
-3	26	27	31	34	38	46	47	70	82	89	71	72	76	84	91
-2	26	27	31	34	38	46	47	71	83	90	71	72	76	86	93
-1	28	46	71	83	90	48	51	73	85	92	73	76	86	92	102
0	99	162	241	284	313	100	144	223	264	293	143	169	240	277	306
1	28	46	70	82	89	48	51	72	84	91	73	76	85	91	100
2	26	45	70	82	89	46	48	71	83	90	71	73	77	86	93
3	26	27	31	34	38	46	47	71	83	90	71	73	76	84	91
4	26	28	33	38	38	46	48	70	82	89	71	73	78	84	91
7	26	28	33	36	40	46	48	70	82	89	71	73	78	83	90
8	26	28	33	37	42	46	48	70	82	89	71	73	78	84	91
14	26	28	33	37	42	46	48	53	57	62	71	73	78	82	89
15	26	28	33	37	42	46	48	53	57	62	71	73	78	82	89

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-15	30	50	75	87	94	31	51	76	88	95
-14	29	49	74	86	93	30	50	75	87	94
-8	83	85	90	94	101	90	92	97	101	108
-7	83	85	90	94	101	90	92	97	101	108
-4	83	85	90	94	101	90	92	97	101	108
-3	83	84	88	91	98	90	91	95	98	102
-2	83	84	88	91	98	90	91	95	98	102
-1	85	88	98	104	114	92	95	105	111	121
0	192	181	252	289	318	215	197	259	296	325
1	85	88	97	103	112	92	95	104	110	119
2	83	85	89	93	100	90	92	96	100	104
3	83	84	88	91	98	90	91	95	98	102
4	83	85	90	95	102	90	92	97	102	107
7	83	85	90	92	99	90	92	97	99	104
8	83	85	90	94	101	90	92	97	101	108
14	83	85	90	94	101	90	92	97	101	108
15	83	85	90	94	101	90	92	97	101	108

Channel –1 means lower first adjacent.

A separation of zero means that interference is unlikely at any separation.

Protection was assessed in both directions and the greater separation distance was used.

TABLE 4.2.11

UPPER VHF BAND – NTSC -> DTV (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	A	B	C	VU	A	B	C	VU
Prot.	A	A	A	A	B	B	B	B	C	C	C	C
CHAN.												
-1	28	46	71	83	48	51	73	85	73	76	82	89
0	93	138	206	243	113	146	206	240	138	171	231	264
1	27	46	71	83	47	50	72	84	72	75	81	87

Int.	A	B	C	VU	A	B	C	VU
Prot.	VU	VU	VU	VU	VL	VL	VL	VL
CHAN.								
-1	84	88	94	100	92	95	101	107
0	150	183	243	276	166	190	250	283
1	84	87	93	99	91	94	100	106

TABLE 4.2.12

LOWER VHF BAND - NTSC -> DTV (50,90/50,10) Separation distances in km

Int.	A	B	C	VU	VL	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	A	A	A	A	A	B	B	B	B	B	C	C	C	C	C
CHAN.															
-1	30	50	75	87	94	47	55	80	92	99	72	74	93	105	112
0	93	116	171	198	214	137	157	191	218	234	193	213	238	250	259
1	29	49	74	86	93	47	53	78	90	97	72	74	88	100	107

Int.	A	B	C	VU	VL	A	B	C	VU	VL
Prot.	VU	VU	VU	VU	VU	VL	VL	VL	VL	VL
CHAN.										
-1	84	86	103	116	123	91	93	111	123	130
0	227	247	272	284	291	249	269	294	306	313
1	84	86	96	108	115	91	93	102	114	121

4.3 Maximum Parameters Associated with Classes

Table 4.3.1 Maximum Permissible Parameters for DTV Stations During Transition

Class	UHF ERP	UHF HAAT	UPPER VHF ERP	UPPER VHF HAAT	LOWER VHF ERP	LOWER VHF HAAT
VL	250 kW	300 m	3.3 kW	300 m	7 kW	300 m
VU	107 kW	300 m	1.3 kW	300 m	3 kW	300 m
C	15 kW	300 m	300 W	300 m	700 W	300 m
B	800 W	150 m	40 W	150 m	130 W	150 m
A	40 W	100 m	5 W	100 m	15 W	100 m

Table 4.3.2 Maximum Permissible Parameters for DTV Stations After Transition

Class	UHF ERP	UHF HAAT	UPPER VHF ERP	UPPER VHF HAAT	LOWER VHF ERP	LOWER VHF HAAT
VL	1 MW	325 m	14 kW	300 m	28 kW	300 m
VU	550 kW	300 m	5 kW	300 m	12 kW	300 m
C	75 kW	300 m	1200 W	300 m	3 kW	300 m
B	4 kW	150 m	160 W	150 m	550 W	150 m
A	200 W	100 m	20 W	100 m	65 W	100 m

NTSC Allotments

NTSC allotments have the same coverage as the same DTV class. In the case of Canadian VHF stations, classes have been assigned in accordance with current coverage.

Table 4.3.3 Maximum Permissible Parameters for NTSC Stations During Transition

Class	UHF ERP	UHF HAAT	UPPER VHF ERP	UPPER VHF HAAT	LOWER VHF ERP	LOWER VHF HAAT
VL	5 MW	360 m	NA	NA	100 kW	150 m
VU	4.5 MW	300 m	325 kW	150 m	50 kW	150 m
C	1 MW	300 m	80 kW	150 m	17 kW	150 m
B	100 kW	150 m	5 kW	150 m	1.2 kW	150 m
A	10 kW	100 m	700 W	100 m	200 W	100 m

APPENDIX 3 – PROCEDURE USED FOR ASSESSING COMPATIBILITY OF ASSIGNMENTS AND ALLOTMENTS IN THE PLAN*

1. If the allotment met the spacing requirements in Appendix 2, the allotment was deemed compatible and listed in the Plan.

2. If the allotment did not meet the spacing requirements, but the affected Administration considered the interference was acceptable, the allotment was deemed compatible and listed in the Plan.

3. If the allotment did not meet the spacing requirements, and the affected Administration did not consider the interference to be acceptable, a study using pertinent Height Above Average Terrain (HAAT) in directions toward affected stations obtained from terrain data and TV propagation curves was performed. If the study showed no interference, the allotment was deemed compatible and listed in the Plan.

4. If the allotment did not meet the requirements of 1, 2 or 3 above, a study using the PREDICT terrain-based propagation model in Canada and the Longley-Rice model in the United States was performed. If the study showed no interference, the allotment was deemed compatible and listed in the Plan.

5. If the terrain-based study on the allotment showed interference and the affected Administration considered the interference to be acceptable, the allotment was deemed compatible and listed in the Plan.

6. All proposed allotments of both countries were accepted, although, in a few cases, compatibility was predicted on adjustments noted in the Plan.

* Note that the Plan referenced in this Appendix is contained in Appendix 1 and contains all assignments and allotments in the United States (U.S.) Table of Allotments for digital television (DTV) on February 23, 1998, and the Canadian DTV Transition Allotment dated April 24, 1999 which are within 400 km of the border, and certain agreed to changes since those dates.