

CANADA

TREATY SERIES, 1947

No. 30

EXCHANGE OF NOTES

(JANUARY 8 AND OCTOBER 15, 1947)

BETWEEN

CANADA

AND

THE UNITED STATES OF AMERICA

CONSTITUTING AN AGREEMENT

ON THE ALLOCATION OF

CHANNELS FOR RADIO BROADCASTING

Effective October 15, 1947



OTTAWA

EDMOND CLOUTIER, C.M.G., B.A., L.Ph.,

KING'S PRINTER AND CONTROLLER OF STATIONERY

1948

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EXCHANGE OF NOTES

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BETWEEN

CANADA

SUMMARY

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EDMUND CLUNTON, C.M.G., B.A., LL.B.  
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EXCHANGE OF NOTES (JANUARY 8 AND OCTOBER 15, 1947)  
BETWEEN CANADA AND THE UNITED STATES OF AMERICA  
CONSTITUTING AN AGREEMENT ON THE ALLOCATION OF  
CHANNELS FOR RADIO BROADCASTING.

I

*The Canadian Ambassador to the the United States of America  
to the Secretary of State of the United States of America*

CANADIAN EMBASSY

WASHINGTON, JANUARY 8, 1947.

No. 7

Sir,

With reference to recent discussions between representatives of the Government of Canada and the Government of the United States concerning the use of the 88 to 108 megacycle frequency band for frequency modulation broadcasting, I have the honour to propose an exchange of notes concerning the allocation of channels with particular reference to assignments in those areas adjacent to the border of Canada and the United States in order to prevent undue interference between stations in the respective countries.

Allocation plans for United States Frequency Modulation Broadcasting Stations and for Canadian Frequency Modulation Broadcasting Stations are described in Appendices I\* and II. The channel number system used in these appendices is in accordance with Appendix III.

Assignments will normally be made on the basis of omni-directional antennae but it is recognized that directional antennae may advantageously be used in certain instances to reduce interference between stations.

Assignments made at points which are more than 250 miles from the nearest point on the border of Canada and the United States will normally have no international significance and need not be notified except in cases of unusual powers and unusual antenna heights.

Where distances less than 250 miles are involved, all assignments shall be notified in the following manner:—

- (1) Notification shall be made by an exchange of documents between the Federal Communications Commission and the Department of Transport.
- (2) Notifications shall include full information on transmitting antenna locations by geographical co-ordinates, antenna height above average terrain, antenna height above mean sea level, and effective radiated power. In the event an antenna, directional in the horizontal plane, is proposed, the directional pattern and other pertinent information shall be submitted.
- (3) Each country shall have 15 days from the date of notification in which to protest the proposed assignment.
- (4) If, within the 15-day period prescribed in (3) above, no objection is raised, a notified assignment shall be considered final.

\* Not reproduced herewith.

Wherever possible assignments made within 250 miles of the border should be in accordance with Appendices I and II.

No allocation plans have been adopted as yet for assignment of stations in the 88 to 92 megacycle portion of the band, which has been designated for use by non-commercial, educational broadcasting in both countries. When such a plan has been formulated, the procedure specified above shall apply.

I have the honour to suggest that, if an agreement in the sense of the foregoing paragraphs is acceptable to the Government of the United States, this note and your reply thereto in similar terms shall be regarded as placing on record the understanding arrived at between the two Governments, it being agreed that the present allocation plan shall not prejudice any subsequent agreement regarding Frequency Modulation channels which may be accepted by both Governments at future international telecommunications conferences.

Accept, Sir, the renewed assurances of my highest consideration.

H. H. WRONG.

## II

*The Secretary of State of the United States of America  
to the Canadian Ambassador to the United States of America*

DEPARTMENT OF STATE

WASHINGTON, OCTOBER 15, 1947.

EXCELLENCY:

I have the honor to refer to your note No. 7 of January 8, 1947, in which you proposed an exchange of notes on the subject of the allocation of channels in the radio frequency band 88 to 108 megacycles, for frequency modulation broadcasting. In this connection, particular importance is attributed in your note to channel assignments for operation in areas adjacent to the border of Canada and the United States, and to the need to prevent undue interference between stations in the respective countries.

Your note under reference states that allocation plans for United States frequency modulation broadcasting stations and for Canadian frequency modulation broadcasting stations are described in Appendices I and II to an Agreement between the two countries on the subject, and that the channel number system used in these Appendices is in accordance with Appendix III to the same Agreement. This note further states that assignments will normally be made on the basis of omnidirectional antennae but that it is recognized that directional antennae may advantageously be used in certain instances to reduce interference between stations.

Moreover, assignments made at points which are more than 250 miles from the nearest point on the border of Canada and the United States are normally to have no international significance and need not be notified except in cases of unusual powers and unusual antenna heights.

Where distances less than 250 miles are involved, all assignments shall be notified in the following manner:—

- (1) Notification shall be made by an exchange of documents between the Federal Communications Commission and the Department of Transport.
- (2) Notifications shall include full information on transmitting antenna locations by geographical coordinates, antenna height above average terrain, antenna height above mean sea level, and effective average radiated

power. In the event an antenna, directional in the horizontal plane, is proposed, the directional pattern and other pertinent information shall be submitted.

(3) Each country shall have 15 days from the date of notification in which to protest the proposed assignment.

(4) If, within the 15 day period prescribed in (3) above, no objection is raised, a notified assignment shall be considered final. Wherever possible assignments made within 250 miles of the border should be in accordance with Appendices I and II.

Finally, the same note states that no allocation plans have been adopted as yet for assignment of stations in the band from 88 to 92 megacycles, which has been designated for use by non-commercial educational broadcasting in both countries, and that when such a plan has been formulated, the procedure specified above shall apply.

I have the honor to inform you that an agreement in the sense of the foregoing paragraphs is acceptable to the Government of the United States, and that this Government agrees to consider the Embassy's note No. 7 of January 8, 1947, together with the present reply thereto as placing on record the understanding arrived at by the two Governments on the above mentioned subject, it being agreed that the present allocation plan should not prejudice any subsequent agreement regarding frequency modulation channels which may be accepted by both Governments at future International Telecommunications Conferences.

Accept, Excellency, the renewed assurances of my highest consideration.

*For the Secretary of State:*

GARRISON NORTON

.....	307	St. John
.....	308	.....
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.....	400	.....

## APPENDIX I

(List of Channels allocated to radio stations in the United States. The Channel Numbers may be obtained from the Department of Transport, Ottawa.)

## APPENDIX II

General Areas	Channel Number	General Areas	Channel Number
NOVA SCOTIA			
Sydney .....	235	Antigonish .....	223
	293	Stellarton .....	227
Halifax .....	222	New Glasgow .....	237
	260	Pictou .....	245
	291	Springhill .....	255
	295	Amherst .....	235
Dartmouth .....	251	Sydney Mines .....	221
Yarmouth .....	221	North Sydney .....	225
Bridgewater .....	226	New Waterford .....	230
Liverpool .....	231	Glace Bay .....	239
Windsor .....	243	Dominion .....	247
Kentville .....	266	Westville .....	233
Truro .....	283		
PRINCE EDWARD ISLAND			
Charlottetown .....	288	Summerside .....	271
	297		
NEW BRUNSWICK			
St. John .....	257	Sussex .....	285
	263	Campbellton .....	232
	269	Woodstock .....	237
	273	St. Stephen .....	298
Fredericton .....	249	Newcastle .....	221
	253	Bathurst .....	247
Edmundston .....	223	Moncton .....	240
	227		280
Dalhousie .....	300	Sackville .....	229
Chatham .....	225		
QUEBEC			
Montreal .....	223	Sherbrooke .....	259
	228		269
	232		274
	236		278
	240	Quebec City .....	231
	245		247
	249		251
	253		256
	257		266
	264	Granby .....	300
	293	St. Hyacinthe .....	296

General Areas

Channel Number

General Areas

Channel Number

QUEBEC—Concluded

St. Jean .....	285	Donnacona .....	279
Megantic .....	221	Val d'Or .....	251
Thetford .....	226	La Tuque .....	284
Drummondville .....	234	Montmagny .....	286
Sorel .....	238	St. Anne de la Pocatière ....	292
	242	Riviere du Loup.....	296
Three Rivers .....	282	Chicoutimi .....	221
	290		225
Baie St. Paul.....	260	Arvida .....	229
Matane .....	262	Kenogami .....	234
Rimouski .....	268	Jonquiere .....	239
New Carlisle .....	276	Bagotville .....	244
Shawinigan Falls .....	272	St. Joseph d'Alma.....	248
	276	Roberval .....	252
Joliette .....	261	Port Alfred .....	258
St. Jerome .....	270	Mont Joli .....	272
Lachute .....	280	Rouyn .....	243
St. Agathe des Monts.....	251	Amos .....	247

ONTARIO

Toronto .....	221	Niagara Falls .....	237
	251		262
	256	London-St. Thomas .....	224
	260		228
	264		232
	271		240
	283	Windsor .....	221
	287		230
Ottawa-Hull .....	221		286
	226		294
	230	North Bay .....	235
	269		292
	273	Orillia .....	240
	277	Oshawa .....	228
Kitchener .....	244		298
	291	Peterborough .....	268
Sudbury .....	223		294
	249	Belleville .....	237
	288		246
Chatham .....	236	Brockville .....	266
	264		271
Sarnia .....	248	Cornwall .....	283
	268		299
Stratford .....	252	Pembroke .....	224
	272		297
Brantford .....	226	Kirkland Lake .....	229
	234		268
Welland .....	269	St. Catharines .....	249
Kingston .....	242		285
	258		289

<i>General Areas</i>	<i>Channel Number</i>	<i>General Areas</i>	<i>Channel Number</i>
ONTARIO— <i>Concluded</i>			
Hamilton .....	231	Fort William-Port Arthur ..	232
	266		274
	275		278
	300		282
Galt .....	247	Timmins .....	233
Guelph .....	278		272
Woodstock .....	295	Sault Ste. Marie .....	263
Wingham .....	238		283
Owen Sound .....	222	Fort Frances .....	224
	227	Kenora .....	228
Barrie .....	236		269
Kapuskasing .....	245	New Liskeard .....	225
		Sturgeon Falls .....	239
MANITOBA			
Winnipeg .....	221	Portage La Prairie.....	268
	232	Dauphin .....	225
	248	Brandon .....	241
	252		280
	272	Selkirk .....	285
St. Boniface .....	276	The Pas .....	289
Transcona .....	256	Flin Flon .....	222
	262		
SASKATCHEWAN			
Regina .....	231	Swift Current .....	253
	235	Yorkton .....	292
	245	North Battleford .....	268
	259	Moose Jaw .....	239
Saskatoon .....	221		249
	226	Weyburn .....	300
	256	Melville .....	296
Prince Albert .....	264		
	282		
ALBERTA			
Medicine Hat .....	228	Red Deer .....	244
Lethbridge .....	232	Grande Prairie .....	255
	265	Edmonton .....	224
Calgary .....	234		251
	240		258
	271		262
	276		290
	280		



232  
274  
278  
282  
283  
272  
263  
283  
224  
228  
269  
225  
239  
  
268  
225  
241  
280  
285  
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General Areas

Channel Number

General Areas

Channel Number

BRITISH COLUMBIA

Vancouver	221	Prince Rupert	260
	249	Port Alberni	244
	257	Prince George	264
	278	Dawson Creek	269
	289	Chilliwack	270
Victoria	293	Princeton	283
	253	Vernon	222
	273	Trail	289
	285	Rossland	294
New Westminster	266	Nelson	285
North Vancouver	228	Kamloops	252
Nanaimo	237	Kolowna	246
Powel River	240	Penticton	298

YUKON

Dawson City	221	Whitehorse	223
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NORTH WEST TERRITORIES

Yellowknife	221		
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## APPENDIX III

<i>Frequency (mc.)</i>	<i>Channel No.</i>	<i>Frequency (mc.)</i>	<i>Channel No.</i>
88.1.....	201	98.1.....	251
88.3.....	202	98.3.....	252
88.5.....	203	98.5.....	253
88.7.....	204	98.7.....	254
88.9.....	205	98.9.....	255
89.1.....	206	99.1.....	256
89.3.....	207	99.3.....	257
89.5.....	208	99.5.....	258
89.7.....	209	99.7.....	259
89.9.....	210	99.9.....	260
90.1.....	211	100.1.....	261
90.3.....	212	100.3.....	262
90.5.....	213	100.5.....	263
90.7.....	214	100.7.....	264
90.9.....	215	100.9.....	265
91.1.....	216	101.1.....	266
91.3.....	217	101.3.....	267
91.5.....	218	101.5.....	268
91.7.....	219	101.7.....	269
91.9.....	220	101.9.....	270
92.1.....	221	102.1.....	271
92.3.....	222	102.3.....	272
92.5.....	223	102.5.....	273
92.7.....	224	102.7.....	274
92.9.....	225	102.9.....	275
93.1.....	226	102.9.....	276
93.3.....	227	103.1.....	277
93.5.....	228	103.3.....	278
93.7.....	229	103.5.....	279
93.9.....	230	103.7.....	280
94.1.....	231	103.9.....	281
94.3.....	232	104.1.....	282
94.5.....	233	104.3.....	283
94.7.....	234	104.5.....	284
94.9.....	235	104.7.....	285
95.1.....	236	104.9.....	286
95.3.....	237	105.1.....	287
95.5.....	238	105.3.....	288
95.7.....	239	105.5.....	289
95.9.....	240	105.7.....	290
96.1.....	241	105.9.....	291
96.3.....	242	106.1.....	292
96.5.....	243	106.3.....	293
96.7.....	244	106.5.....	294
96.9.....	245	106.7.....	295
97.1.....	246	106.9.....	296
97.3.....	247	107.1.....	297
97.5.....	248	107.3.....	298
97.7.....	249	107.5.....	299
97.9.....	250	107.7.....	300
		107.9.....	