

AROUND AND BEHIND THE DIALS.

North American Re-allocation

THE Havana conference which was concluded on December 13, 1937, adopted a drastic reallocation plan which will call for a shifting of the frequencies of a large number of the United States broadcasting stations. None of the United States stations will have to be deleted, however, and the frequency changes, in most cases, will be from only 10 to 30 kilocycles from the present frequencies.

Most important to dxers are the facts that the broadcast band will be widened to 1600 k.c. and that the so-called "border" stations will have to leave the air or materially reduce their power.

There are seven nations in the agreement, United States, Canada, Newfoundland, Mexico, Cuba, Haiti, and the Dominican Republic. The treaty will become effective one year after ratification by the four major countries.

The Channels.

The 106 channels in the broadcast band are divided into three classes—clear, regional and local.

A clear channel is, briefly, one on which the dominant station is able to provide service over a wide area, clear of objectionable interference within its primary service area and most of its secondary area.

A regional channel is one on which several stations may work with power not in excess of 5000 watts.

A local channel is one on which several stations may operate with power not exceeding 250 watts.

The 59 clear channels are designated as follows: 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 940, 990, 1000, 1010, 1020, 1930, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1160,

1170, 1180, 1190, 1200, 1210, 1220, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, and 1580.

The 41 regional channels will be as follows: 550, 560, 570, 580, 590, 600, 610, 620, 630, 790, 910, 920, 930, 950, 960, 970, 980, 1150, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1350, 1360, 1370, 1380, 1390, 1410, 1420, 1430, 1440, 1460, 1470, 1480, 1590, and 1600.

The six local channels will be: 1230, 1240, 1340, 1400, 1450, and 1490 k.c.

The definitions given above, and

they are located; and they will be free from objectionable interference from other stations on the same or adjacent channels.

Class I-B stations will employ power of not less than 10 kilowatts or more than 50 kilowatts, and their primary service areas will be free from objectionable interference from stations on the same or adjacent channels.

A Class II station is a "secondary" station which uses a clear channel. Stations in this class will use not less than 250 watts or more than 50 kilowatts, and whenever necessary a directional aerial or some other means must be provided to prevent interference with other stations. Regional stations are grouped, roughly, in Class III, and its sub-classes, and local stations are considered as being in Class IV.

Assignment to Nations.

Twenty-four United States stations of Classes I and II are shown in the tables which follow. The remaining 39 Class I and II stations of this country will work on the clear channels of 640, 650, 660, 670, 680, 700, 710, 720, 750, 760, 770, 780, 820, 830, 840, 850, 870, 880, 890, 1020, 1030, 1040, 1100, 1120, 1160, 1180, 1200, 1210, 1500, 1510, 1520, and 1530 kilocycles.

TABLE A.

Class I-A Stations in Canada, Cuba, and Mexico.

630 Quebec, Canada	1050 Nuevo Leon, Mexico
730 D. F., Mexico	
740 Ontario, Canada	1220 Yucatan, Mexico
700 Sonora, Mexico	1540 Santa Clara, Cuba
860 Ontario, Canada	
900 D. F., Mexico	1570 Nuevo Leon, Mexico
990 Manitoba, Canada	1580 Quebec, Canada
1010 Alberta, Canada	

TABLE B.

Class I-B Stations.

810 New York State	1090 Arkansas
810 California	1110 North Carolina
940 Quebec	1110 Nebraska
(5 k.w. minimum)	1130 British Columbia
940 D. F., Mexico	
1000 Jalisco	(5 k.w. minimum)
(20 k.w. max.)	1130 New York, New Jersey
1000 Washington	
1000 Illinois	1140 Chihuahua
1010 Havana	1140 Virginia
1060 Mexico City	1170 Oregon
1060 Pennsylvania	1170 Oklahoma
1070 Maritime	1170 West Virginia
	Provinces
1070 California	1190 Sinaloa
1080 Connecticut	1190 Indiana
1080 Texas	1550 Ontario
1090 Baja, California	1550 Vera Cruz, Mexico
1090 Maryland	(20 k.w. max.)

TABLE C.

Class II Stations.

640 Newfoundland	1060 Alberta
1560 Havana	(10 k.w. max.)
690 Kansas or Oklahoma	1070 Alabama
	1080 Manitoba
740 California	(15 k.w. max.)
800 Ontario	1080 Haiti
(5 k.w. max.)	(10 k.w. max.)
810 Tampico	1110 Mexico City
(50 k.w. max.)	(20 k.w. max.)
900 Quebec	1130 Louisiana
(5 k.w. max.)	1170 Dominican Republic
990 Tennessee	
1000 Oriente, Cuba	(10 k.w. max.)
(10 k.w. max.)	1190 Havana
1050 New York	(15 k.w. max.)

TABLE D.

Class II Stations on Regional Channels.	
560 Newfoundland	590 Havana
(10 k.w. max.)	(25 k.w. max.)
570 Santa Clara, Cuba	630 Havana
(15 k.w. max.)	(15 k.w. max.)
	1270 Havana
	(10 k.w. max.)

—From "Radex."

N.Z. DX Club Meetings

HAWKE'S BAY.

In the Club Room, above Wood's Tearooms, Waipukurau, at 7.45 p.m. on Wednesday, March 23.
V. L. KING (119H.B.),
Branch Secretary.

NORTHLAND.

At 21 Anzac Road, Whangarei, at 7.30 p.m., on Monday, March 21.
R. A. ROYCROFT (2HQ),
Branch Secretary.

AUCKLAND.

In the Society of Arts Hall, Kitchener Street, at 8 p.m. on Wednesday, March 23.
F. NEWING (316A.),
Branch Secretary.

WELLINGTON.

At 87 The Terrace, at 8 p.m. on Wednesday, March 16.
A. BAILEY (444W.),
Branch Secretary.

WANGANUI.

At 21 Lowther Street, at 8 p.m., on Thursday, March 17.
F. CARR (150W.),
Branch Secretary.

throughout this article, are not exact, but are sufficiently accurate for dxers' purposes.

The treaty provides for 59 clear channels, 41 regional channels and six local channels. These frequencies are apportioned among the seven nations as follows:—

United States	63
Canada	14
Cuba	9
Dominican Republic	1
Haiti	1
Mexico	15
Newfoundland	2

Stations Classified.

All the broadcasting stations are divided into several classes and sub-classes. Stations of Class I-A, Class I-B and Class II will be permitted to work on clear channels.

Class I-A stations will operate with a power of 50 kilowatts or more; their primary service area will be within the limits of the countries in which

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