

THE DECEMBER 1937

25^c

RADIO INDEX

The All-wave Radio Log



When To Get The Day's News
Solving Radio Problems
Frequency Checks and
Special Programs
Larger Television Images

RADIO AMATEUR CALL BOOK

LATEST EDITION

Lists over 40,000 amateurs in every country in the world, as well as complete and accurate lists of all high frequency commercial and broadcasting stations. Every listener interested in amateur stations should have one. 292 pages.



We pay the postage,

\$1²⁵

TIME CONVERTER

The RADEX Map of the World with Time Converting Dial is the most useful accessory any radio fan could have around. Just a twirl of the dial shows the correct time at any location in the world. No calculation is necessary; the dial does all the work.

**You Can't Get Along
Without It.**

The price is only

25c

(26c in Ohio)

WORLD GLOBE

for only

\$3⁹⁵

This handsome Globe in eight brilliant colors measures nearly 38 inches in circumference.

The Globe stands seventeen inches high on an attractive bronzed base. All the principal cities of the world are shown. A Manual of Facts explains how to get the greatest good out of a World Globe.

A scale of miles makes it very easy to measure distances—the only accurate method of computing distance. All in all, it is the best and biggest globe you will ever find for so little money.

Sent postage paid anywhere in the U. S. A.

THE RADEX PRESS

14717 Detroit Avenue

Cleveland, Ohio

American Radio News

Americans, regardless of what far corners of the world they may be in, will get a daily news report from home when W2XAD and W2XAF, Schenectady, inaugurate a new shortwave program. This

feature, to be known as the American Radio News Tower, will be broadcast at 5 pm, EST, every afternoon except Saturdays and Sundays, simultaneously over the two stations. These ten-minute programs will be devoted exclusively to news of the United States.

A Christmas Gift that comes ten times a year

Make up your gift list now.

Give RADEX to your friends for a year around reminder of your affectionate thoughtfulness. Remember especially the shut-ins to whom radio is a chief joy.

An attractive Christmas Gift Card will be sent to announce on Christmas Day your name and gift. Or we will mail the cards direct to you to be forwarded with a message in your own writing, *if you so request.*

Special Christmas Rates

(Good only until Dec. 31, 1937)

The subscription price of RADEX is \$1.75 per year. At this time only, we will accept subscriptions three for \$4.50, two for \$3.25, or one for \$1.75. Each year that you order counts as one subscription. Your own subscription (new or renewal) may be included at these rates.

Christmas Order Form

The Radex Press, 14717 Detroit Ave., Cleveland, Ohio.

Please enter the following subscription to RADEX and send Gift Announcements for Christmas Day.

Name
Please print
Address New
Renewal
City State 1 or 2
Years?
Send Gift Card to recipient Send Gift Card to me

Name
Please print
Address New
Renewal
City State 1 or 2
Years?
Send Gift Card to recipient Send Gift Card to me

And enter my own subscription (new or Renewal) at the special Christmas rate for year(s).

I enclose \$ in payment.

Name of person sending order

Address

FOR BETTER RECEPTION

The Perfect Phone Adapter makes it easy to attach headphones to any radio set. Anyone can install it, without tools, in no time at all.

IDEAL FOR THE HARD-OF-HEARING

Those who are very hard of hearing can enjoy radio reception by using our new HOH Model Adapter. The speaker can be silenced if desired.

In ordering be sure to give make and model of receiver and a list of the tubes used.

The HOH Model Phone Adapter \$3.95

We pay the postage on all orders

If you live in Ohio add 3% for Sales Tax



THE RADEX PRESS
14717 Detroit Ave., Cleveland, Ohio

ACCESSORIES

6-Foot extension cord with connector 50c

Distant Volume Control, for regulation of volume of set from a distance \$2.00

Trimm Featherweight Headphones. Precision built, combining ultra-sensitivity with rugged construction. Weigh 4¼ ounces complete. 24,000 ohms . . . \$8.50

Trimm Professional Headphones, the choice of countless users. Professional type. 4000 ohms \$4.00

Trimm Dependable Headphones, long a favorite with amateur operators. The best in the world for the money. 2000 ohms \$3.25

Prices on single-unit or special 'phones on request.

We pay the postage on all orders

If you live in Ohio add 3% for Sales Tax

THE RADEX PRESS
14717 Detroit Ave., Cleveland, Ohio

Christmas Seals!



Buy and Use Them

Canada's New Stations

• • • By Fred Babineau

Canada's two newest radio stations, the 50 kilowatt transmitters at Montreal and Toronto, CBF and CBL respectively, should be on the air with regular broadcasting schedules by the first of December.

Initial tests of CBF were conducted in November on a frequency of 910 kcs.

Both these new transmitters are identical. The aerial system is a 1/2 wave uniform cross section grounded vertical radiator, and the extensive ground system contains over twenty miles of copper radials forming a circle around the tower.

The last word in high efficiency, high fidelity transmitting equipment is being used. The transmitters are made by Northern Electric.

The Montreal broadcasting station is situated in Vercheres, in the district of Chambly and Vercheres, Quebec Province; it is about twenty miles from Montreal.

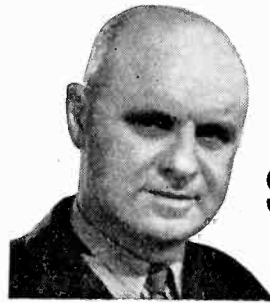
The transmitting equipment of the Toronto station is located in Hornby, Ontario.

Both stations are owned by the Canadian Broadcasting Corporation and will carry the programs of the Corporation Network. The mailing addresses are:

CBL: 1 Hayler St., Toronto, Ont.

CBF: 1231 St. Catharines St., W., Montreal, P. Q.

"NOW Anyone CAN OWN



A SCOTT"

My New 16 Tube Model Only \$59.50 Down!

Contrary to general opinion, Scott Custom Receivers are not high-priced. All Scott receivers, regardless of price, are HAND MADE in my own *Laboratories* (not in a production-line factory). The quality of parts used in EVERY Scott is identical, and they are guaranteed for FIVE years.

A Few of 93 Amazing Features

... 3 to 10 times as sensitive as many mass-produced radios. Scott Receivers hold 8 *official* World's Records on foreign reception ... 50% Higher Fidelity than average high-priced radio—finer tone than costliest motion-picture sound system ... Improves poorly transmitted broadcasts ... Four Static-Reducing Systems (electrical and atmospheric) ... Separate amplification of bass and treble tones ... Instantly adjusted to difficult receiving locations ... NOT SOLD THROUGH STORES—30-day Home Trial with *Money-Back* Guarantee ...

SEND COUPON FOR SPECIAL OFFER

E. H. Scott, Pres., E. H. SCOTT RADIO LABORATORIES, Inc.,
4424 Ravenswood Ave., Dept. 15W7, Chicago, Ill.

Please rush all facts, order blank, and Special Offer on new Scott Sixteen. This does not obligate me in any way.

Name

Address

City and State

DECEMBER 1, 1937



RADIO INDEX



Reg. U. S. Patent Office

ELIZABETH S. BUTLER

Publisher

PAGE TAYLOR

Editor

ASSOCIATE EDITORS

B. FRANCIS DASHIELL, *Technical*

CARLETON LORD, *Broadcast*

FOURTEENTH YEAR

NUMBER 114

CONTENTS

Cover Girl—Virginia Verrill, of the NBC Log Cabin Revue.

	PAGE
The 1938 Super Sky rider, <i>By Carleton Lord</i>	5
A RADEX Call-o-Gram, <i>By Edward Ayvazian</i>	8
Leaves From a DXer's Scrapbook, <i>By Count De Veries</i>	9
New Postage Stamp Issues	12
Radio Problems and Solutions, <i>By B. Francis Dashiell</i>	13
Enlarged Television Images	19
The North Pole Station, UPOL	20
When To Get The Day's News	21
Notes From the DX World, <i>By Carleton Lord</i>	23
Tuning The Amateurs, <i>By Bernard Ahman, Jr.</i>	30
Amateur Calls Heard	32
Reporting the Programs, <i>By "Betty"</i>	33
The SWL Trading Post	38
A Decade of Service For DXers, <i>The NNRC</i>	39
Foreign BCB Changes, <i>By A. I. Breen</i>	43
Shortwave News of the Month	44

\$1.75 Per Year

25c Per Copy

See Subscription Blank on Page 1

Published Monthly Excepting July and August

THE RADEX PRESS

14717 Detroit Avenue

Cleveland, Ohio

Entered as second-class matter April 23, 1931, at the postoffice at Cleveland, Ohio,
under the act of March 3, 1879.

Printed in U. S. A.

The 1938 Super Skyrider

● ● ● By Carleton Lord

FOLLOWING the appearance in the September RADEX of an article which made suggestions on the choice of a new receiver, readers began to write in and ask for specific recommendations. We were requested to designate the best makes in various price brackets. But while this was not possible, we did promise to pick several of the better-known models and report on their performance under varying conditions.

First receiver to be placed under observation is the Hallicrafters *Super Skyrider*, an 11-tube communications model. An all-wave receiver which tunes from 550 keys to 60 megs in six bands, this job has shown many features to commend it to the attention of the discriminating listener.

Electrically, the Super Skyrider shows potential power and efficiency. The circuit employs its 11 tubes as follows: a 6K7 in the r.f. amplifier stage; a 6L7 as 1st detector-mixer; 6J5 oscillator; two 6K7's in the i.f. amplifier stages; a 6R7 as a combination 2nd detector, AVC and 1st audio stage; two 6V6's in the push-pull 2nd audio stage; a 6J7 beat frequency oscillator; a 6J7 "S" meter amplifier; and a 5Z3 full-wave rectifier.

The First Once-Over

When the receiver is first unboxed, one is impressed by the business-like appearance of the model. The chassis is housed in a black metal cabinet with bright trimmings, while the separate 12-inch permanent magnet speaker is enclosed in a smaller matching cabinet.

First to catch the eye is the five-

inch metal dial in the middle of the front panel. This is calibrated for the six bands and an automatic pointer, actuated by the wave change switch, always indicates the frequency band being tuned. Around the edge of the dial runs a seventh scale, graduated from 0 to 200. This employs a vernier scale by which the main dial may be read and reset to one-tenth of a division, with an accuracy of one part in two thousands.

Immediately above the main dial and to each side are two illuminated scales which add greatly to the ease of tuning. At the left is the signal-level indicator, or "S" meter. Calibrated from 0 to 9-plus in terms of "S" signals, this scale



Here is a new picture of Alice Faye at work in Hollywood on the CBS program "Music in Hollywood." The beautiful Alice with Hal Kemp and his orchestra is heard each Friday at 8:30 pm EST.

enables the listener to get direct carrier strength readings.

To the right of the main dial is the band spread scale. Graduated from 0 to 1000 and coupled to special high frequency condensers, this scale spreads relatively small portions of each band over a full thousand degrees. Ease of reading is accomplished by a moving spot of light which travels down the spiral scale as the band spread dial is turned.

Directly below the main dial is the wave change switch, while above, and to the right and left respectively, are the band spread tuning control and the main tuning knob. On either side of the wave change switch are a.f. and r.f. gain controls. Other controls include the combination tone control and a.c. switch, the AVC on-off switch, the beat-frequency oscillator control (for adjusting the output voltage of the oscillator to any desired level), the headphone jack, the send-receive switch, the i.f. expander switch, the crystal phasing switch, the crystal in-out switch, and a beat-frequency pitch control.

Sounds complicated, but actually a couple of hours of dialing will make any listener thoroughly familiar with the operation of the receiver.

Initial Operation

After the set was hooked up and all connections checked, the broadcast band was selected by the wave change switch and the juice turned on. As the tubes warmed up, the AVC was turned on, the BFO Injector all the way off, the A.F. Gain about half on, the R. F. Gain all the way on, the I. F. Expander in the Broad position, and the Crystal switched off.

Running up and down the band, a few powerful locals were tuned and it was noted that the calibration was quite accurate. While the

"S" meter showed signals varying from S6 to S9-plus, the AVC held the signals at an even level. Tuning between stations and reducing the volume, it was found that there was negligible hum. Momentarily disconnecting aerial and ground and advancing the A.F. Gain, very little internal set noise could be heard.

Switching to the short wave bands and flipping the I.F. Expander to the Sharp position, calibration on some of the larger stations was again checked and found to be accurate. On several South Americans, the efficiency of the AVC circuit was demonstrated. While the needle of the "S" meter swung crazily from S4 to S8, the volume level remained constant.

Coming back to the broadcast band, an orchestra was hunted and a check on quality made. While a communications receiver is designed primarily for maximum sensitivity and selectivity, a fair quality of reproduction is an added asset. In this instance, the Super Skyrider showed to real advantage. By switching the I. F. Expander to the Broad position and reducing the R. F. Gain, some very excellent reproduction was heard. The speaker demonstrated its ability to give fine quality and to handle considerable output without distortion.

Definite Impressions

After tuning the Super Skyrider for the better part of a month, so many outstanding features were observed that it is difficult to select any one as being outstanding.

For ease of tuning, the "inertia" system employed on both the main and band spread dials is worthy of attention. The control knobs themselves are large, easy to handle. By means of a "flywheel" arrangement, the knobs spin with a minimum of effort. In fact, a single flip of either covers half the band. Tuning



cramps and fatigue after long hours of dialing are overcome.

For listeners who have never used a band spread receiver, the electro-mechanical system employed in the Super Skyrider will be a revelation. Merely by setting the main dial at the higher frequency end of any popular band, the entire band is spread over 1000 degrees. Weak signals are impossible to overlook. Crowded stations are separated and tuned with greater ease than the average receiver covers the broadcast band.

The advantages of an efficient crystal circuit are demonstrated the first time this feature is brought into use. When normal selectivity fails to separate two adjoining stations, a simple adjustment eliminates interference and provides true single signal reception with slight loss in quality.

The variety of controls affecting every stage of pick-up and amplification make it possible to secure maximum efficiency on every station tuned. Too often DXers dial an almost inaudible carrier and wish that there was some way in which the signal could be built up. On the Super Skyrider, it is possible to adjust the circuits to obtain really adequate volume from the weakest stations.

DX Performance

While the month of October can hardly be expected to produce ex-

ceptional DX on the broadcast band, some really worthwhile catches were made in the wee sma' hours. On nights when static permitted, hundred watters on the Pacific Coast were well received in Philadelphia and the larger stations showed exceptional strength.

No trans-Pacific reception was recorded, although carriers of several Aussies and Zedders were noticed just below the general noise level. One early evening bout with the dial found a couple of South American stations sticking out between domestic frequencies and it was no job to bring them in. These instances proved the ability of the receiver to combine selectivity with sensitivity to a high degree.

Short wave reception left little to be desired. At no time of the day or night was any principal band entirely silent. The general run of Europeans and Central and South Americans were heard with exceptional volume and quality. Although showing but S4-5 signals, the Australian VK's repeatedly were built up to a respectable strength, while the Japanese pounded in with excellent signals.

Reception on the crowded 49-meter band proved the value of crystal operation. Time and again stations so close together that they appeared to be operating on the same frequency, were separated into interference-free signals.

The extension of range to cover the new five and ten meter bands offers additional interest to listeners who previously have been unable to dial these high frequencies. Experimental broadcast stations, two-way police, amateur and television stations are heard here.

During the coming winter months, when the broadcast band opens up, additional reception notes on the Super Skyrider will be published.

A RADEX Call-O-Gram

• • • By EDWARD AYVAZIAN

1	2	3		4	5	6		7	8	9	10		11	12	13
14				15				16		17				18	
19			20		21		22		23				24		
		25		26		27			28			29			
			30						31						
32		33				34	35		36			37		38	39
40	41				42			43			44		45	46	
47				48					49		50			51	
52				53					54					55	

Horizontal

1. A good radio set.
4. Calling distant amateurs.
7. Hamilton, Ont.
11. New Orleans, La.
14. Mexico City.
15. Dallas, Texas.
17. Skill in applying knowledge to the accomplishment of a concrete purpose.
18. An Australian radio company (abbr.)
19. Texarkana, Texas.
21. A half-wild horse of American plains.
24. Winston-Salem, N. C.
25. The atmosphere
27. Milliampere (abbr.)
28. Guatemalan prefix.
29. A Dominican shortwave station.
30. A Newfoundland station.
31. Dry to an extreme degree.
33. A Costa Rican commercial station.
34. Costa Rican amateur prefix.
36. Else.
37. At the present instant.
40. Philadelphia, Pa.
42. A city in Ontario (has two radio stations).
45. Atlanta, Ga.
47. In Nova Scotia.
48. Davenport, Iowa.
49. Insoluble in water; sometimes soluble in alcohol; always soluble in ether.
51. A San Salvadorian shortwave station.
52. A time zone (abbr.)
53. Everett, Wash.
54. Sioux Falls, S. Dak.
55. Guadalajara, Jal.

Vertical

1. S. S. City of Panama (Remember Oct. '37 RADEX?)
2. Chilean s. w. station.
3. Soul (Spanish. Part of a station's slogan).
4. Morse emission.
5. Interference.
6. You'll grab for this on Thanksgiving.
8. They jump around in Australia.
9. Belgian commercial s. w. station.
10. Portuguese prefix.
11. Grand Rapids, Mich.
12. Detroit, Mich.
13. Next before the present.
16. Occupancy of a point in space.
20. Part of the name of a war-time Spanish station.
22. A continent (abbr.)
23. Atomic (abbr.).
24. In some card games, an additional hand dealt to the table.
26. A Russian commercial station.
29. Dominican s. w. station.
32. Wheeling, W. Va.
33. To try by experiment.
35. Denoting enclosure within the bounds of.
36. A bone.
38. Waycross, Ga.
39. Corsicana, Texas.
41. An Australian state (abbr.).
42. Newark, N. J.
43. To bring to accomplishment.
44. A South American city (familiar name).
46. Daventry.
48. Week (abbr.).
50. The poor Indian.



FROM the looks of things, it appears that a rather unpleasant situation is brewing in DX circles. And unless great care is taken by those who have the interests of listeners at heart, DXers may soon be forced to swallow a bitter draft.

The seeds of what may prove to be an acrimonious controversy were sown in a year past, when some radio station refused to verify reports. After consistent failures to secure prized verifications, DXers sought a scheme whereby confirmations from delinquent broadcasters could be obtained.

Someone conceived the idea of listening to the station in question at stated times. Other DXers were invited to listen in and submit reports on reception. Then the self-appointed monitor would issue cards or letters stating that a report checked with what he had heard. Most DXers were glad to get these "verifications," artificial though they were, and praised the co-operation of the monitors who apparently had solved a vexatious problem.

A year or so ago, two Baltimore members of the NNRC, Carroll Weyrich and Bernard Ahman, decided to monitor the Daventry short wave stations of the British Broadcasting Corp. Listeners had long tried in vain to secure positive veries from any of the B. B. C. stations, and these two DXers felt that they

would be providing a real service for some fellow listeners. Accordingly they printed cards, arranged a regular schedule for monitoring Daventry, and announced their plans to the DX fraternity.

The response to this service has been interesting. For the most part, listeners welcomed the opportunity to obtain what they considered to be verifications of the G-stations. A few publications, RADEX included, commended the co-operation of Weyrich and Ahman, and published advance schedules of the transmissions which would be monitored. Other publications, perhaps resentful that they had not conceived the idea, ignored the service completely.

Perhaps all would have gone well had not the B. B. C. gotten the idea that something was being put over on them. A card or letter of verification not issued by their offices, must be fake or forgery. Immediately they wrote Mr. Weyrich, insisted that he stop his service at once, demanded that he forward to them the rest of his cards so that they could be destroyed.

They also issued the following official statement:

"The British Broadcasting Corporation states that despite reports to the contrary appearing in the Press of America, they do not issue cards or letters which verify the reception of their Short-wave transmitters at Daventry, and wish it

known that verification cards, issued by others and worded in a manner to give an impression that they emanate from the B. B. C., are issued without the authority or approval of the Corporation."

It mattered little to listeners whether or not the B. B. C. gave this service its gracious approval. Having refused to confirm reception reports, the B. B. C. officials could hardly expect disgruntled DXers to give more than a passing thought to its official statement.

Had Baltimoreans Weyrich and Ahman misrepresented their cards, had they claimed any official connection with the B. B. C. or purported that they were acting for the station, a protest would have been justified. But since there was no attempt at deception and as listeners fully realized that the verifications were not supposed to be official, no one has been very sympathetic with the stand of the B. B. C.

The first real criticism from the angle of the DXer was voiced by the International Short Wave Club. In the September issue of its magazine, Editor Arthur J. Green wrote: "This plan (of listeners issuing veries) endangers the future of short wave verification collecting and must be done away with. . . . If listeners will undertake to verify stations, it will not be long until almost all stations would want to be excused from verifying, which is in itself, quite an expense to the station. . . . Regardless . . . of the few stations that may not verify now, there will be more that will refuse to verify if short wave fans take over the job for them."

When this matter was first mentioned in the November RADEX, it was suggested that the danger of having stations pass the verification problem back to the DXers, was probably remote. It was point-

ed out that most broadcasters were glad to receive mail from listeners and would undoubtedly continue the estimable practice of verifying correct reports. Perhaps this was poor counsel, but this view is still held—and will be maintained until there is evidence to the contrary.

Unfortunately, it appears that the commendable service offered by two of the DX fraternity may have opened the way for abuses. To judge by letters, there are any number of so-called DXers who are ready and willing to verify practically every request—at a price. The CDXR reports one listener who will monitor ZBW and issue veries, and another group which will listen to Central and South American stations and "sell veries to any who care to buy them."

As CDXR President Charles Hesterman writes: "We now have all the Daventry station's veries, with ZBW and the Central and South American station veries for sale. So why stop? Why send to the station when it will be easier and cheaper just to send to the nearest dealer in veries?"

Perhaps the logical solution would be to restrict monitoring activities to individuals or groups who act under the supervision of the radio clubs. Let the work be entrusted to DXers who are known for their integrity and who will be conscientious in their efforts. Then, only cards or letters from club-approved monitors would be accepted by DXers as being true verifications.

Some readers suggest that the radio clubs should intercede with stations which normally do not verify or are just slow. Perhaps, they say, a deal could be made whereby reports forwarded through the clubs would receive prompt attention. A fee might even be charged which would be sent to the station.

An example of such an arrangement was announced by the Quixote Radio Club in its September 20th bulletin as follows:

"The QRC received an offer from station HRN to verify reports at a dime each, but owing to the danger of loss in transit, it was suggested that requests be accumulated at headquarters and remitted with a postal money order to cover. As this would entail expense, the QRC signified its acceptance provided the arrangement be exclusive, meanwhile advising certain publications that were bemoaning the fact that HRN was 'veri slow' that verifications would be guaranteed by the QRC and they could so advise their readers. . . . Meanwhile the QRC has enlisted the assurance of some fifteen stations that verification requests *via* the QRC will be instantly honored. These stations and any others joining them will receive our best co-operation in our endeavor to reciprocate their courtesy."

A disinterested observer cannot help but wonder whether the verification privilege accorded the QRC by HRN and the 15 other stations is intended exclusively for QRC members. If HRN will verify only reports submitted through QRC headquarters, will it be necessary for all DXers desiring an HRN verie to join this club?

If such is the case, and it is hoped that it is not, it is easy to see how the verification problem would become a pretty lucrative racket. By sewing up a couple of dozen stations and obtaining exclusive verification privileges, a club could give a DXer the alternative of joining up or losing a chance to verify those broadcasters.

Thus it can be seen that the problem of verifying a few stations is assuming serious proportions. From simple monitoring activities, with the service open to all listeners, glar-

ing abuses are opened to those who think only of the jingle of dimes in their pockets. From a prized souvenir of a good catch, a verification can drop to the value of a penny postcard from the corner drugstore.

Some will say that it will be possible to differentiate between good and bad veries—accept the ones issued by Weyrich and Ahman, disregard those obtained from questionable sources. Yet who is to draw the line of demarcation? Who shall say that one monitor is honest, another unscrupulous? Who can determine which verie is gilded, which one 24-carat?

For a lot of listeners, a verification is something more than mere proof that a station was heard at a certain time. They are souvenirs of long nights spent at the dials, reminders of thrilling catches, new horizons passed. And, like stamps or money, authentic only when issued by the proper authorities.

Since it appears to be impossible to make use of sincere monitoring services without opening the way for flagrant abuses, perhaps the best solution would be to collect only verifications issued by the stations themselves. It would be tough to be unable to get a verie from a distant catch, but better than to know that the chap down the street bought one without even hearing the station.

It might not be a bad idea to follow the suggestion of the ISWC to "pay no one but the station, and then only the postage, no matter the circumstances, for a verification," and to resolve that "all reports will be sent direct to the station."

The Canadian DX Relay has gone on record that "only verifications issued officially by a station itself will be accepted in any CDXR contest."

A matter of such importance, of course, shall not be decided by any individual or any one group. It is

a question of open discussion and careful consideration. But it does require attention and it is hoped that listeners and club officials will not hesitate to voice their opinions and offer possible solutions!

What is your verdict?

New Postage Stamps

THE stamp column will become a regular feature of this magazine next month. Mr. David B. Browne, a recognized stamp expert, has been appointed Stamp Editor and his articles, addressed to beginners as well as to advanced collectors, will cover every important phase of the hobby. Useful information for the beginners, timely news items, authentic new issue data and interesting stamp stories will be featured. Inasmuch as this is the first time a stamp column has ever been attempted in a radio magazine, Mr. Browne will appreciate hearing from stamp-collecting radio fans, and will appreciate any suggestions he may receive concerning the conduct of the column.

New Issues

All the stamps of the MEXICO regular issue are now being printed in a reduced size, approximately 17 by 21 mm., perforate 14, and watermarked "Correos Mexico." The denominations already seen in the small size are 1c orange (Yalateca Indian), 2c gray-green (Lapoteca woman), 3c purple (Palaneque Cross), 4c dull red (monument), 5c gray-brown (Los Remedios Tower) and 10c orange yellow (Ahorros).

Some dealers are already taking advance orders for first flight covers to New Zealand. Airmail service will be inaugurated to New Zealand from the United States, Hawaii, Guam, Manila, Hong Kong and Macau. Other new air routes are soon to be opened between the United States

and Bermuda, and to Europe.

A design for the new UNITED STATES 1c regular issue, to be issued next year, has been awarded first prize in a competition sponsored by the Treasury Department. Elaine Rawlinson of New York City submitted the winning design. The Post Office is not obligated to use the prize-winning picture, and it is probable they will not as it is a radical departure from customary stamp designs.

This series will be called the "Presidential Series," as it will show portraits of all United States Presidents who have not heretofore been shown on our postage stamps.

Several countries have issued or will issue stamps commemorating the United States Constitution. Nicaragua has already issued such a stamp, a series will soon appear from Guatemala and Ecuador, and it is reported Cuba will also issue a set. The 4c Guatemalan Constitution stamp will show a portrait of Franklin D. Roosevelt.

In memory of the late President Masaryk, for whom Czechoslovakia is now in mourning, two postage stamps bearing his portrait have been re-issued in black.

It is reported that the Soviet Union is preparing a set of stamps in recognition of the non-stop flight from Moscow to the United States by pilots Tchkalov, Beliakov and Baidukov. There will be four values.

A large square stamp printed on thick paper has been issued by Brazil commemorating the Golden Jubilee of the Esperanto language. The stamp bears a picture of the earth with a band around the equator bearing the words "Ora Jubileo de Esperanto." The denomination is 300 reis (dull green).

Commemorative stamps from Paraguay have been seen in honor of the National Eucharistic Congress at
(Please turn to Page 35)

Some Radio PROBLEMS and SOLUTIONS

• • • By the TECHNICAL EDITOR

Our readers are invited to submit their problems to the Technical Editor. Letters of general interest will be answered in these pages; others by mail as soon as practicable. Write plainly and state your problems separately. Print your name and address carefully, as unsigned and illegible letters cannot, of course, be answered through the mails. Complicated service problems, and those requiring research study, are subject to delay in answering. In most cases, where a receiver is in obvious need of internal adjustments, RADEX strongly recommends that a competent service man be called upon to make the repairs.

Grounded Double-Doublet

I have one of the General Electric double doublets. It is very good except that on the 13 meter band there is a loss. I do not like the ground wire coming from the outside aerial transformer in addition to the double transmission line. The added weight of this wire coming from the center of the aerial causes it to sag too much. I have not seen this ground wire in other ready-made antennas and would like to know what difference it would make if I cut this wire off at the bottom of the transformer. Would the noise reduction on the standard wave band be as good? What is this wire on for anyway?

(Answer) The double-doublet antenna system in all cases is attached to the transmission line (pair of leadins) through an aerial coupling transformer. This arrangement will match the impedance of the antenna to that of the transmission line—



Jimmy Blair and Trudy Wood, unknowns a few months ago, are now singing stars on the Fred Astaire Show. Trudy was lifted from Fred Astaire's chorus, and Jimmy was discovered in Fred Allen's Town Hall Tonight talent parade.

something that is important in scientific antenna design. In this manner the transfer of energy, intercepted by the aerial, to the transmission line, is maintained at maximum potential. Usually the aerial transformer, which is up in the air where the four antennas cross, consists of two special radio-frequency transformers. One will transfer the short-wave pickup to the transmission line and the other handles the long wave or standard broadcast band reception. Now, the center of the primary winding on the short-wave antenna connects to earth through the entire primary winding

of the long-wave transformer, by means of a separate wire. But, since the resistance of the second winding is too high for grounding the short-wave frequencies, it matters little, when receiving short waves, whether the ground wire is in place or not. In fact, at some of the higher frequencies, such as the 13-meter band you mention, it might be best to eliminate this ground wire entirely. It is something worth experimenting with in any event.

But when broadcast signals are being intercepted by the antenna system, the signals are then transferred to the transmission line through the second transformer coil instead of the first short-wave primary with the grounded center tap. In this case, the ground wire is necessary since it is attached directly to the end of this primary coil. The signal flows from the antenna system through one-half of the very low impedance primary of the short-wave transformer (which offers no resistance to the lower frequency broadcast signals) directly into the primary of the broadcast-band transformer and thence down to earth through the ground wire.

So, on the very short waves, the ground wire is practically useless. It can be removed entirely if you wish since it can perform no useful work. On the longer of the short waves the ground wire does a little work but its utilization is still optional. However, on the long waves, and especially toward the upper portion of the broadcast dial, the ground wire is very necessary, for the longer the waves the more important this wire becomes. Using an antenna of this kind, and it is an excellent system, with its ground wire, is the price one pays for operating an all-wave set. If you remove the ground wire permanently, you will still obtain good reception on the short waves, and you could, in this case, erect a separate inverted "L"

antenna with switch just for the broadcast waves.

Two Radios—One Antenna

We have two all-wave aerials to use with two radio sets—one on the first floor and one on the third floor. How can we do this without interfering with the two sets? What do you suggest as ground for the sets, especially the one on the third floor?

(Answer) We think the best solution to this problem is to erect a single RCA "Magic Wave" antenna on your roof the long way, and drop the leadin down the side of the house. It is possible to use as many as 16 radio sets on one of these new type antennas without interference. If you are interested you may procure information from the RCA Manufacturing Co., Camden, N. J.

However, since you state that you have two antennas on hand, although the type or make is not mentioned, they can be used without any trouble. Simply erect the two antennas as far from each other as practicable. Set up four poles at each corner of the roof and stretch the wires between. You have stated that your roof is 60 feet in length, and this is just the correct distance for nearly all of the modern all-wave doublet antennas. The full width of the house, then, exists between the two parallel aerials. There should be no interference at all over this wide distance. Keep the down leads far apart, and on opposite sides of the house, if practicable.

A ground is hardly necessary if you have a good doublet aerial system. Most all-wave antennas work best without a ground, unless you have one of the double-doublet types mentioned in the preceding question. However, a ground sometimes has its advantages, and one that is fairly satisfactory is to connect to the nearest heating radiator, using a solid and effective ground clamp on

the pipe *below* the valve. Of course, if a good cold-water pipe is available, this will be perfectly satisfactory.

Misplaced Police Calls

I have a five-tube table set that brings in the Toronto police calls on 1410 kilocycles instead of the 2318 as listed in RADEX. My father has a General Electric 10-tube set and it does not pick up the police on 1410. Can you tell me whether there is something wrong with my set and, if so, how to fix it?

(Answer) Since you are near the police broadcasting station it is likely that your set is sensitive through the r. f. and i. f. circuits to a broadcast on 2318 kilocycles. However, 1410 is not in the harmonic range, and we are inclined to think that some combination of harmonics sets up a beat frequency that forces its way through the receiver on the 1410 kcs. band. This is nothing new for it occurs in many sets. If it is inherent with the receiver there is nothing that can be done about it. We would not say that something is wrong with your receiver if it works well otherwise. This extraneous pickup is a normal thing when you get a certain combination of frequencies mixed with the standard intermediate frequency of the set, which in your case is either 175 or 460 kilocycles. Our suggestion is that nothing be done with your set unless failure is noted along other lines. A wave trap might be used to advantage. You profit by getting a station outside of your tuning limits, but only because you reside close to it.

The Philco 620B

For one year I have been using a Philco 620B receiver. Can you tell me whether a pre-selector can be used with this set in order to improve its sensitivity and selectivity?

(Answer) This set, as it is constructed, utilizes a type 78 tube as radio-frequency amplifier. This stage

alone, in a superheterodyne, really is the pre-selector. Of course, one more stage of radio-frequency amplification will increase the sensitivity of the set. But it can also increase the noise pickup and introduce some difficulties in tuning. Much depends, however, on how well the selector is built and matched to the receiver. Many of our readers have experimented with preselectors and have had good results.

If you can procure a good pre-selector for this set which does not increase the noise level to objectionable proportions, you will derive some pleasure and satisfaction from it. Since the Philco 620B has only five effective tubes the addition of a pre-selector can be helpful. A good pre-selector should have two tubes, an all-wave antenna coil system, and an all-wave radio-frequency transformer. It should have its own rectifier system since the device cannot be expected to draw upon the current supplied to the set. In the case of battery operated sets, if 110 volts A. C. is not available, other provisions must be made to supply current. A good pre-selector makes it possible to receive with more volume and selectivity, and weak, distant short-wave stations often are discovered, provided the atmospheric noises do not override the signals. Units may be purchased on the market or built at home from kits. Among others that have given good service to many experimenters is the well-known Miller kit.

Packard-Bell

I have a small table model Packard-Bell which does not have a model number. It does, however, have a serial number 36-121084. Will you tell me, if you can, the model number of this set, and whether or not it can be balanced easily? At present it seems to me that it is not properly balanced.

(Answer) This Packard-Bell receiver is an all-wave set using 6

tubes. It is model No. 36 and is peaked to an intermediate frequency of 460 kilocycles. This information is needed if the set is to be realigned and balanced. Your receiver can be quickly and easily aligned, but it is wise to have the work done by a competent service man. When the original adjustments of a receiver become disturbed through wear, tampering or faulty construction, then certain new adjustments must be made so the set will again function in a normal manner. The set, if it is peaked at 460 kcs., must be realigned at the same frequency, for, if it is off just a few kilocycles, maximum amplification in the i. f. stages cannot be obtained. So, when a set is aligned the tuned circuits of the i. f. amplifier must be retuned to the i. f. at which the set is supposed to operate. Then, the oscillator circuit must be adjusted so that it tracks properly over the dial. But, at the same time, it is necessary to align anew the r. f. or pre-selector amplifier circuits with each other. These, and many other operations must be performed by the careful service man in his properly equipped shop in order to realign a superheterodyne receiver that no longer tunes to maximum selectivity.

R. F. Volume Control

I am building a radio set according to data that I have at hand. It is supposed to be a very good receiver. But what I would like to know is whether I can add some form of volume control that will let me increase or decrease both the high and low radio frequencies.

(Answer) We do not know just what you mean by "increasing or decreasing the radio frequencies," but if you mean simply a change in intensity of the signals at the low and high frequency limits of the dial, this is possible and should be taken care of by the volume control unit shown in your diagram. However, if you wish to change the fre-

quencies at will, this is something that is far beyond your power, for the frequencies you pick up are the ones that are broadcast and cannot be altered once they leave the broadcast antenna system. There is no method of lowering or raising the frequencies of the signals that come into your receiver except through the "heterodyne" method. This action will automatically take place in the set which you are building, and is provided for in the oscillator circuit and the intermediate-frequency tuning circuit of any superheterodyne receiver. And all this does is to take your incoming signal (no matter whether high or low frequency) and "beat" it against a locally-created signal so as to develop a different radio frequency which becomes the intermediate-frequency of the set. Other than this operation in the receiver, there is nothing you can do about it. The strength of a signal, no matter what its radio-frequency, will be controlled smoothly and easily by the manually operated volume control. The steadiness or level of the signal will be controlled automatically by the a. v. c. system.

Majestic 90B

I have a Majestic 90B which has a very low volume on the local stations. If I happen to place a finger on the local-distant switch the volume still becomes lower. And when I throw the switch on "distant" the set cuts out entirely. Please tell me what you think is the trouble with this set.

(Answer) Failure in the local-distant switch often accounts for weak signals in this model Majestic receiver. If the tubes test out satisfactorily, then we suggest that an examination of the switch be made, and replacement considered. We believe, from your description, that this is the trouble. However, if the switch is in perfect condition, we suggest that the sensitivity equalizer

may be worn out, and that this variable resistance be replaced. Then, too, the r. f. and detector by-pass condensers may be bad. Try substituting new ones for the old, one at a time. Condensers of 0.5 mfd. capacity are suitable in both cases. If you examine the equalizer resistor it may be possible to bend the arm to greater tension so that it will make good contact, and this will often save the cost of replacement. If replacements are difficult to get, remove the unit entirely from the condenser shaft, and use the set without it. As a last resort you must check the filter condensers as sometimes they break down and require replacing. This was a good and popular set, and we suggest a careful overhauling and aligning, at the same time checking for an open r. f. choke in the antenna stage which may prevent the type 27 r. f. tube from functioning properly.

Pre-Selector For Zenith

I have an Atwater Kent model 37 set which I would like to use as a pre-selector for my new 1938 Zenith 6S229. Will you please tell me how this is done? Also, where can I obtain a schematic diagram of these two receivers?

(Answer) The Zenith 6S229 is a very good modern all-wave radio that embraces three tuning bands. While it utilizes but 6 tubes it is selective and sensitive. A pre-selector might and probably would improve the intensity and pick-up of short wave signals to a certain extent. But it might also add to the noise level which is a very bad feature in modern radio reception. A pre-selector usually consists of two r. f. tuning and amplifying units and tubes—one, the antenna all-wave coupler, and the other, the r. f. amplifier for all waves. The output is then fed into the antenna input of the radio receiver. This form of operation is rather critical and demands the best specially designed

pre-converter that you can get. Such converters are available from reliable mail-order houses and elsewhere. A very good kit has been recommended in a foregoing answer.

In view of this situation we do not believe that you can satisfactorily build a pre-selector from your Atwater Kent set. Of course, it is possible to do something along this line, but at the expense of good radio practice simply by separating the antenna and radio-frequency sections of your Atwater Kent and feeding the output of the plate of the last r. f. tube into the antenna terminal of your Zenith with a small fixed condenser in series. This condenser *must* be used. In your case, this set has three r. f. units, all tuned to the broadcast band and entirely useless for the short waves. Therefore, your pre-selector will work only on the broadcast band.

A wiring diagram, which will be practically useless if you do not have service data, could be obtained for your Zenith if you visit your local distributor or write the manufacturer direct and mention RADEX. Diagrams seldom are part of the published data supplied with radio sets, and are becoming more difficult for the layman to obtain—it being courtesy only on the manufacturers' part. A sketch of the diagram of the Atwater Kent has been mailed to you.

Volume Control Squeals

I get a high-pitched squeal when I turn the volume control on my RCA 128. But this does not always happen. The control has been replaced with a new one, but the trouble is still there at times. Why is this, and how can it be remedied?

(Answer) Practically all radio sets now made utilize some form of automatic volume control. This requires some type of manually operated volume control which sets the volume level. It is usually connected in the audio amplifier circuit. Now,

if something goes wrong with either the automatic volume control circuit and tube, or the audio circuit and associated tubes, a howl or squeal such as you mention can occur. More often, however, signals become weak or the set cuts on and off.

Seldom is the manual volume control at fault. Since most volume control circuits contain one or more resistors and condensers, other than the variable resistance of the control itself, it is well to become suspicious of one of these parts when trouble such as yours occurs. Particular attention should be paid to resistors and condensers that bypass the audio currents. A change in resistance in the manual control can throw the circuit out of balance when some resistor or condenser is defective, and howl occurs. We suggest that the automatic volume control circuit and tube, together with the audio tube and its component units attached in the circuit, be carefully examined and tested. Replacement of any doubtful tubes or parts is, of course, an obvious remedy. The fact that you installed a new volume control indicates that trouble of this sort need not be looked for in the control.

Double Tuning

While tuning on the 35 to 80 meter band of my home built all-wave set that employs one tube, I find that some stations are duplicated. These stations come in between 84 and 90 on the dial, and then again on what would be 120 on the dial if the graduations went that far past the highest number of 100. The single condenser turns about 230 degrees instead of the usual 180 degrees. Please tell me why there is this double reception.

(Answer) The condenser in this little set should turn through limits of just 180 degrees. This with your dial graduated from 0 to 100, means that with a reading of 90 on the dial, the actual setting of the con-

denser is nearly full capacity or about 162 degrees movement of the condenser plates. Now, if you continue to turn your dial to 100, then the plates are enmeshed completely, or 180 degrees. But since your condenser moves still farther, and you turn the dial beyond 100 to what might appear to be 120 if it happened to be graduated that far, the condenser plates pass out again from full capacity or 180 degrees and you get exactly the same tuning position of the plates as you had when the dial was set at 80 to 90 points. Thus, the condenser again reaches its former capacity, the circuit is brought again into resonance, and the signals which you formerly heard, appear once more. Tuning the set beyond 100 on the dial is, therefore, useless.



"Don't get me wrong—I LOVE Hollywood," says Sid Skolsky, by way of sugar-coating the stingers he unleashes about the movie capital. Skolsky, for several years a Broadway columnist and writer of Times Square "tintypes," has been a Hollywood columnist for four years and now has his own radio program.

Enlarged TELEVISION Images

RCA Television projected on a 3-by-4-foot screen had its first practical demonstration at Radio City October 14, when engineers of the RCA and the NBC televised moving images from a newly developed cathode-ray tube to a motion picture screen several feet away. A new and improved RCA tube of intense brilliance producing black-and-white images also was demonstrated for the first time.

The projection "Kinescope," the result of several years of experiment by RCA technicians under the direction of Dr. Vladimir K. Zworykin, Mr. W. H. Painter and Dr. R. R. Law, provides a television image for the entertainment of groups of persons. The new projection Kinescope is designed to produce a clear image 18x24 inches in size, approximately the dimensions of a standard newspaper page.

Mobile Unit Added

For more than a year NBC has been engaged in experimental broadcasting of high definition television. This includes the production of television shows, transmission from a station atop the Empire State Tower and observation of the images received at 100 selected points in the Metropolitan Area. The latest additions to NBC'S experimental system include a mobile unit, shortly to be delivered, for televising outdoor scenes and news events.

In this, the first demonstration of the projection tube by radio-transmitted images, the show consisted of both motion picture film and live entertainment. The show was picked up by Iconoscope cameras in the NBC studios at Radio City, relayed by coaxial cable to the transmitter in the Empire State Tower, and from this point broadcast to

receivers on the 62nd floor of the RCA Building. The demonstration was given for members of the Society of Motion Picture Engineers.

David Sarnoff, president of the Radio Corporation of America, introduced the demonstration with an address. He said in part:

Unfinished Product

"Television is today an unfinished product. Its progress up to now, and some of the problems which still remain to be solved, are parallel in many respects to the early progress and problems of the motion picture industry. You who remember the flickering images and the crude scenes of the early films—in contrast to the technical and artistic perfection of present-day motion pictures—can understand what we are up against in getting television in shape to perform a useful public service.

"We brought television out of the laboratory and 'into the open air' on June 29, 1936. At that time we began transmitting television images from the RCA experimental station at the top of the Empire State Tower to receivers in charge of our engineers at selected observation points throughout the metropolitan area. As a result of continuous experiments under actual service conditions the transmitting antenna and much of our other equipment has been remodeled several times.

Progress Noted

"When we look back today over the period of only one year and four months that separates us from our first television field tests we can observe a number of definite and promising achievements.

"Where a year ago each separate image was scanned with 343 lines, today we are scanning with 441 lines.

During the past year the color of television pictures has been changed from green to black-and-white, and their brilliance greatly increased. The size of the picture has been increased from approximately 5x8 inches to 7x10—almost double the area. In addition, important progress has been made in projecting television pictures of approximately 3x4 feet onto a screen. You will see tonight our first demonstration of a broadcast television program projected on such a screen.

Program Problems

“While the technical problems yet confronting us are formidable, they are not the only obstacles which lie in the path of television’s commercial introduction to the public on a general scale. In evolving a satisfactory program technique we have already learned that television programs will cost much more money than sound broadcast programs.

“We can, I believe, look forward to the ultimate establishment of an American television system, which, like our present system of sound broadcasting, will employ many thousands of workers, will offer a unique advertising service to American business, and will render a free educational and entertainment service to the public.”

The North Pole Station

SHORTWAVE fans in every part of the world are searching their dials for the most interesting station in the world, UPOL, operated by the Soviet Union at the North Pole.

UPOL, for “Union Polaris,” transmits on a frequency of 14400 kcs. every day from 2 pm, EST, until 4:05 pm, EST, except on those days when no wind prevails in the Polar Basin. Ernest Krenkel is the operator.

The procedure to follow in establishing contact with UPOL is outlined by the Radio Broadcasting Committee of the USSR. Mr. Krenkel opens his transmission calling all stations for five minutes, then amateurs who wish to make contact call UPOL, confirming their reception of UPOL. Following this, Comrade Krenkel again calls all stations and reports the call signs of all the stations he has received. Occasionally UPOL personally calls some particular station, and the latter must answer immediately.

Shortwave fans having only receiving sets can, on reception of UPOL, address reports on their reception to the Central Council of Aviation and Chemical Defense Society at Moscow, USSR.

Two amateurs in the United States and two in Australia have worked the North Pole station, and a Hawaiian amateur has made contact on two different occasions.

“Few people know that Stradivarius made guitars, violas and cellos as well as violins,” says Eric Sagerquist, violin-playing maestro of NBC’s Campana First Nighter dramatic show heard each Friday at 10:00 p. m., EST over the NBC-Red Network.

“Yet it is a fact that only 950 of the approximately 1,500 instruments he made were violins,” Sagerquist says. “Moreover, Stradivarius violins aren’t nearly as rare in number as one might judge from the average price of \$30,000 to \$40,000 demanded for one of them. Of the 950 violins, there are still some 425 or 450 in existence.”

A new station in Singapore, Straits Settlements, is being heard here in New Zealand. It is ZHL on 1332 kcs. Local listeners have verified this station and so far these are the most distant reports they have received.

When to Get the DAY'S NEWS

● ● ● Network News Flashes

E-Midn't., C-11:00 p.m., M-10:00, P-9:00

Don Lee System, Daily
KDB KDON KFRC KFYM KGB KGDm KHJ KPMC KQW KV0E KXO

E-1:00a.m.-C-Midn't., M-11:00 p.m., P-10:00

CBS — Sam Hayes, Daily
KNX KSFO

Don Lee System, Sunday only
Same stations as at Midnight.

E-7:30 a.m., C-6:30, M-5:30, P-4:30
Michigan Radio Network, Daily.
WXYZ

E-9:25 a.m., C-8:25, M-7:25, P-6:25
CBS — Press Radio, Monday through Friday

CKAC KLRA KMOX WABC WADC WAIM WALA WCHS WCOE WDAE WDBO WDRC WEEI WESG WFBL WHIO WHIP WIBX WJAS WJNO WKBW WLBZ WMAS WMBR WMMN WBNF WOKO WORC WPAR WPG WPRO WQAM WREC WRVA WSBT WSJS

E-9:40 a.m., C-8:40, M-7:40, P-6:40
NBC Red and Blue, Press Radio, Weekdays
To stations available

E-9:55 a.m., C-8:55, M-7:55, P-6:55
CBS — Press Radio, Sat. and Sunday

CKAC KLRA KMOX WABC WADC WAIM WALA WCHS WCOE WDAE WDBJ WDBO WEEI WESG WFBL WFBM WHEC WHIO WIBX WJNO WJR WJSV WLBZ WMAS WMBR WMMN WBNF WOKO WORC WPAR WQAM WREC WSWA WSFA WSJS WTOC

E-10:45 a.m., C-9:45, M-8:45, P-7:45
Don Lee System, Daily except Sunday
Same stations as at Midnight

E-11:00 a.m., C-10:00, M-9:00, P-8:00
NBC-Blue—Press Radio, Sunday
To stations available

NBC-Red—Press Radio, Sunday
To stations available.

E-noon, C-11:00 a.m., M-10:00, P-9:00

Michigan Radio Network, Daily
WASH WBCM WELL WFDM WIBM WJIM WKZO WOOD WXYZ

E-12:15 p.m., C-11:15 a.m., M-10:15, P-9:15
CBS — Edwin C. Hill, Monday through Friday

KFAB KFH KGKO KLRA KMBC KMOX KNOW KOMA KRLL KRNT KSCJ KTRH KTSa KTUL KWKH WABC WACO WADC WALA WBBM WBIG WBNS WBRC WBT WCAO

WCAU WCCO WCHS WCOA WCOE WDAE WDBJ WDBO WDNC WDDO WDRC WEEI WFBL WGR WGST WHAS WHEC WHIO WHIP WIBX WISN WJR WJSV WKBB WKBW WKRC WLAC WLBZ WMAS WMAZ WMBD WMBR WMMN WNAX WBNF WNOX WOC WOKO WORC WPG WPRO WQAM WREC WRVA WSFA WSJS WTOC WWL WVVa

E-2:00 p.m., C-1:00, M-12:00, P-11:00
CBS — Monday, Wednesday, Friday

KFAB KFH KLRA KMOX KNOW KOMA KRLL KRNT KSCJ KTRH KTSa KTUL KWKH WABC WADC WBBM WBNS WBRC WBT WCAO WCAU WCCO WDRC WEEI WFBL WFBM WGST WHAS WHEC WHIO WISN WJAS WJR WJSV WKBB WKBW WKRC WLAC WLBZ WMBR WBNF WOKO WORC WPRO WQAM WREC WRVA WWL

E-3:00 p.m., C-2:00, M-1:00, P-noon
Don Lee System, Saturday
Same stations as at Midnight

E-3:15 p.m., C-2:15, M-1:15, P-12:15
Don Lee Sys., Mon. through Fri.
Same stations as at Midnight

E-5:00 p.m., C-4:00, M-3:00, P-2:00
Michigan Network, Daily
WASH WBCM WELL WFDM WIBM WJIM WKZO WOOD WXYZ

E-5:30 p.m., C-4:30, M-3:30, P-2:30
CBS — Monday, Wednesday, Friday

KFBB KFPY KLZ KMBC KNX KOIN KOL KOY KSFO KSL KVI

E-6:25 p.m., C-5:25, M-4:25, P-3:25
CBS — Press Radio, Thurs. and Sat.
Available to entire Network

E-6:30 p.m., C-5:30, M-4:30, P-3:30
CBS — Press Radio, Mon., Tues., Wed., Fri.

KFH KLRA KNOW KOMA KSCJ KSL KTRH KWKH WABC WACO WADC WAIM WALA WBIG WBRW WCCO WCOE WDAE WDBJ WDBO WDDO WHEC WISN WJAS WJNO WJR WKBW WKBW WLBZ WMAS WMBR WOC WORC WPAR WQAM WREC WSFA WSJS WTAQ WTOC WVVa

NBC — Red and Blue, Press Radio Weekdays
To all stations available

E-6:45 p.m., C-5:45, M-4:45, P-3:45
NBC-Blue—Lowell Thomas, Mon. through Fri.

CRCT KDKA WBAL WBZ WBZA WEAN WEBR WFLA WHAM WIOD WJAX WJZ WLW WMAL WOOD WRTD WSPD WSUN WSYR WTAM WXYZ

Don Lee Sys., Mon. through Fri.
Same stations as at Midnight

E-7:45 p.m., C-6:45, M-5:45, P-4:45

CBS — Boake Carter, Mon., Wed., Fri.
KFAB KFH KLRA KMBC KMOX KNOW KOMA KRLL KRNT KTRH KTSa KTUL WABC WADC WBBM WBNS WBRC WBT WCAO WCAU WCCO WDAE WDBO WDDO WDRC WEEI WFAM WFBL WGR WGST WHAS WHEC WHIO WISN WJAS WJR WJSV WKBW WKRC WLAC WLBZ WMBD WMBR WNOX WOKO WORC WPRO WQAM WREC WRVA WWL

E-8:00 p.m., C-7:00, M-6:00, P-5:00

Blue—Monday, Thursday
KDKA KOIL KSO KWK WBAL WBZ WBZA WCKY WEAN WEBR WFIL WHAM WHK WICC WJZ WLS WMAL WMT WREN WSPD WTCN WXYZ

E-8:30 p.m., C-7:30, M-6:30, P-5:30

Blue—March of Time, Thursday
KDKA KECA KERN KFBC KFEL KFSO KGA KGO KJR KLO KMJ KOIL KSO KWG KWK KXYZ WABY WBAL WBZ WBZA WCKY WCOL WEBR WFIL WHAM WJZ WMAL WMPD WMT WOWO WREN WSPD WSYR WTCN WXYZ

E-9:45 p.m., C-8:45, M-7:45, P-6:45

Don Lee System, Daily
Same stations as at Midnight

Michigan Network, daily
WASH WBCM WELL WFDM WIBM WJIM WKZO WOOD

E-10:00 p.m., C-9:00, M-8:00, P-7:00

Blue—Tuesday, Wednesday
KDKA KOIL KSO KWK WBAL WBZ WBZA WCKY WEAN WEBR WFIL WHAM WHK WICC WJZ WLS WMAL WMT WOWO WREN WSPD WSYR WTCN WXYZ

E-10:15 p.m., C-9:15, M-8:15, P-7:15
Michigan Radio Network, Daily
WXYZ

E-10:45 p.m., C-9:45, M-8:45, P-7:45

Red — Friday only
KDYL KFI KGW KHQ KOA KOMO KPO KSD KSTP KYW WBBN WCAE WCHS WDAF WDEL WEAQ WEBR WGN WIRE WJAR WLW WMAQ WNAC WOW WRC WTAG WTAM WTIC WWJ

E-11:00 p.m., C-10:00, M-9:00, P-8:00
Red and Blue, Sunday, Press Radio
Available to Entire Network

E-11:15 p.m., C-10:15, M-9:15, P-8:15

CBS — Boake Carter, Mon., Wed., Fri.
KFPY KIZ KNX KOIN KOL KSFO KSL KVI WBBM

Symposium

“ALWAYS the First With the Best” would be a good motto for RADEX to adopt. We started the habit of coming in first thirteen years ago when we arranged stations in order of frequencies, and during all the years that have slipped away since then we have continued this policy. In September of this year we inaugurated the Stamp Column, the first postage stamp column ever to appear in a radio magazine, and now we are pleased to announce the appointment of David Brockton Browne of Pasadena, California, as Stamp Editor.

Mr. Browne is internationally recognized as a philatelic journalist of the first rank. He is an Associate Editor of *Weekly Philatelic Gossip*, one of the best United States stamp journals, and Cover Editor of *Sunny Days*, published by the Guiana Hobby Club of British Guiana. His experience in the stamp field, coupled with six years of shortwave and broadcast band DXing, qualifies him as one of the most able writers available to report stamp news for radio listeners.

THE radio fraternity finds itself in the midst of another controversy. The question of whether or not to verify has been laid aside, at least temporarily, in favor of a heated discussion on “artificial verifications.” In his Scrapbook this month, Count De Veries approaches *l'affaire Baltimore* in a logical and sensible manner which should provide plenty of food for thought on this timely problem. In passing, we point out that the monitoring service was originally reported in our

columns as *news* which we thought would be of interest to our readers. We neither condemn nor approve the “artificial verifications.” We are definitely opposed, however, to any plan which requires the payment of a fee to any private party in order to obtain a verification from a radio station. Broadcasters need not verify if they do not wish to do so, but if they do verify, their cards should be available to all DXers alike, without it being necessary for anyone to pay a fee, however small, to an intermediary.

WHILE any serious trouble that may occur in a radio set should be corrected by a competent service man, a number of minor repairs or alterations can be made by the set owner himself if he can handle a screwdriver and a soldering iron. Mr. Dashiell, our Technical Editor, is glad to help any reader who requires advice on how to treat a sick radio. Write to him in care of RADEX, describe the set's symptoms thoroughly, and he will answer by mail, as well as in his Questions and Answers Department. This service is free.

The Universal Radio DX Club, 2018 Green St., San Francisco, Calif., is celebrating its Fourth Anniversary this month. The President, Charles C. Norton, says he will be glad to mail a sample copy of the club bulletin, *The Universalite*, to anyone who requests it. This club, which is said to be the farthest west of any large DX Club in the United States, is rapidly growing and already numbers among its members, DXers from every part of the country and many foreign countries.

NOTES from the DX World

• • • By CARLETON LORD

AS THE cooler weather sets in, listeners in all parts of the country once more are commencing after-midnight sessions with their receivers. With a marked decline in static and an increase in signal strength, DXers find that another winter season is upon them.

Despite considerable ballyhoo about the sunspots and their disastrous effect on long distance reception, listeners appear to be more than ready for nightly battles with channel hogs, interference and faint signals. Ever present is the attraction of possible additions to a log, and DXers will leave no dial unturned to get their share of new catches.

As the 1937-38 season swings into action, many attractive targets await the aim of a careful listener. Active authorities in the United States, Canada and Mexico continue approval of new stations, and even the veteran DXer will find new calls begging to be logged and verified.

Up in Canada, the C. B. C. announces two new 50-KW stations which are scheduled to begin regular operation about December 1st. One is at Montreal and will use the call CBF on 910 keys, while the other is CBL, Toronto, on 840 keys. A number of changes in call letters of existing stations are to go into effect. CRCM, Montreal, becomes CBM and switches from 910 to 1050 keys. CRCO, Ottawa, keeps its old frequency but changes its call to CBO. CRCW, Windsor, Ont., will henceforth announce as CBW, and CRCV, Vancouver, becomes CBR, CRCK, Quebec, moves from 1050 to 950 keys, and CRCS, Chicoutimi, Que., changes frequency from 950 to 1120 keys.



Helen Menken, star of the CBS radio serial, "Second Husband." One of Broadway's most prominent actresses, Miss Menken has scored a resounding success in radio. Her program is broadcast on Tuesdays at 7:30 pm.

An increase in power is reported by Paul Sampson, 1820 College Ave., Regina, Sask., who writes: "CKCK is now using their new 1-KW outfit, and their new studios will be completed any day now. They are to be the very last word in radio and will compare favorably with any Canadian station, regardless of power. The new antenna, however, has been delayed and at present they are using only a make-shift affair."

"A new Canadian station now on the air is CHLT at Sherbrooke, Que.," contributes H. F. Hawkins, 222 Massabesic St., Manchester, N. H. "They were first heard by me on September 17th. They use 100

watts power on 1210 keys, and presumably divide time with CKCH at Hull."

A number of readers report increased activities below the Mexican border.

"Tonight (October 1st) I picked up a new station on 750 keys," writes J. W. Hansen, Citrus Experimental Station, Riverside, Calif. "It was XEAA at Mexicali, B. C. They were coming in poorly, about QSA3, R1 to 4. They broadcast a program of dance music every night from 5 to 7:30 p. m., PST, with announcements in English."

"There are a few new Mexican stations," advises Samuel A. Meyer, P. O. Box 754, Laredo, Texas. "XEMU is located at Piedras Negras, Coah., and has been broadcasting on 580 keys. On 810 is XEDF, Nuevo Laredo, Tamps., a 75-watter. XEJW is at Mexico City and uses 870 keys. XEBO at Irapuato, Guan, is reported to be on 1280 keys.

"While in Mexico City recently, I paid a visit to XEW-XEWW. They have a very fine RCA transmitter, and this, plus a complicated but efficient directional antenna system on short waves, accounts for the great volume with which they are heard in the States. We were shown around the plant by Heinz von Hemken, one of the young engineers. The transmitter itself is located about 10 miles South of Mexico City proper."

New Californian On Air

"Station KSRO went into operation on Sunday, September 19th, at 10:30 a.m., PST," points out Elwin H. Covey, RFD 2, Box 3543, Napa, Calif. "They are located at Santa Rosa, about 40 miles from here, and use 250 watts on 1310 kcys. Their schedule calls for programs daily between 8 a. m. and 6 p. m., PST. All correct reports are verified with a personal letter—and very promptly, too."

"When KWKH signed off recently," reports Jack B. Horner, 462 N. Market St., Elizabethtown, Pa., "they requested reports and promised to verify for a three-cent stamp. Other stations which you list as not verifying, but which have confirmed my reports, include WREC and WTFL. The former, incidentally, verified three reports last winter and were very prompt."

"Contrary to an item printed in the September RADEX, WLTH, 1400 keys, Brooklyn, N. Y., has not been deleted," corrects H. F. Hawkins, 222 Massababesic St., Manchester, N. H. "They were heard by me broadcasting as late as 6:15 p. m., EST, on Saturday, September 18th. Another Brooklyn station which you say was deleted is WARD. I heard them on September 19th and they were still going strong.

The Brooklyn stations WLTH and WARD are pretty hard to delete. Although renewal of the licenses was refused early in 1936 and their facilities awarded to the phantom WEGL, consistent appeals to the Court of Appeals have kept them on the air ever since. It now begins to look as though the FCC has a rather tough job deleting stations with large listener followings.

The matter of verification policy, together with other data shown in the station listing, is taken from the replies of the broadcasters to our annual questionnaires. When a station says that it will not verify, we must assume that they know what they are saying and record their stand accordingly.

Verifying The Non-Verifiers

Of course, the so-called non-verifying stations frequently become targets for DXers, and occasionally verifications are forthcoming. But instead of assuming that confirmations are a regular policy, it might be well to consider the quality of the reports which were verified.

Frequently hard-hearted man-

agers are softened by intelligent and conscientious reports. Instead of the stony silence accorded the "I-heard-such-and-such-please-verify" reporters, a careful resume of reception will often result in a valued verie.

"From different issues of RADEX, I have collected data about the details of reception which a station would like to know," greets Paul Sampson, 1820 College Ave., Regina, Sask. "This has been put into a form letter which I fill out when writing away for verifications. Many stations have made favorable comments on this, stating that they wish other listeners would take the trouble to supply this information."

Although space does not permit reproduction in whole of Mr. Sampson's report form, there are many features which may commend it to the attention of other listeners who are faithful in their effort to send out a complete report. After notation of the call letters, location, frequency, and date and time the station was heard, space is provided for information on Audibility, Quality, Fading, Atmospheric and Man-Made Static, Interference from other stations, Weather and Temperature, Barometric Pressure, Aerial and Ground, and Receiver. A feature which should be quite valued is a comparison of the quality of the microphone and transcriptions, and a comparison of signal with those of other stations of equal power and distance. Concluding with information on the mileage to the station, local latitude and longitude, type of neighborhood and dwelling, Mr. Sampson's report form has done a good job of furnishing complete reception details.

ICCP to Continue

In the April RADEX we announced the impending retirement of Emily Griswold as Operator of the Clearing House of the Inter-Club Co-Operation Plan. As the original

sponsor of the plan, CDXR's Elwin H. Bullard, had given up active DXing, it was felt that there was danger of the Plan falling into the discard.

Accordingly considerable space in the April, May and Midsummer issues was devoted to a discussion of the ICCP. During the two years of its operation, the Plan was the subject of some criticism and much praise. The pros and cons were covered as fully as possible, with the hope of stimulating some action to assure continued cooperation between clubs.

Some listeners were of the opinion that the basic limitations of the Clearing House made it advisable to adopt some other measures. Others felt that it would be well to renew the agreement, make a few changes in the rules, find a new Operator, and continue much in the same vein as before. The easiest way, of course, was to let the whole matter slide and forget all about it.

After urging some definite action, RADEX decided to leave the details to the officials of the radio clubs. It was hoped that someone would take the initiative and carry on until an agreement had been reached.

On July 20th, Alfred J. Stansfield, President of the Universal DX Club, Oradell, N. J., wrote a form letter to the clubs which had been in the Plan. He urged a continuance of the co-operation agreement and the prompt selection of an Operator for the Clearing House. A volunteer for the latter position immediately came forward in the person of Robert H. Weaver, retiring president of the National Radio Club.

As we go to press, we learn from Mr. Stansfield that a new agreement has been approved by the Universal Radio DX Club, the International DXers Alliance, the Universal DX Club, the National Radio Club and the Globe Circlers DX Club. The new Clearing House under the direc-

tion of Mr. Weaver has already commenced operation.

This, we believe, will be glad tidings for all DXers interested in the furtherance of the hobby. Too much credit cannot be given to Mr. Stansfield, for his efforts in renewing the agreement, and to Mr. Weaver, for his willingness to assume the important task of Clearing House Operator.

Thanks For Corries

"May I thank you," acknowledges Raymond A. E. Skidmore, 2311 Pasadena Ave., Detroit, "for getting me acquainted with so many swell friends by means of your correspondent's page. I enjoy writing to fellow listeners during my spare time and am mighty glad that your pages provided the introductions.

"I have been DXing for about a year and find the hobby growing more interesting every day. The first distant station I heard was KNX and I was very glad when their verie came through. My log has increased to 100 BCB stations and will continue to increase during the new season."

"During the summer I added 40 stations to my log," asserts Bill Parr, 1919 Lake View Drive, Duluth, Minn., "and now have a total of 508. Some of the better summer catches were WAAW, WPRA, KXRO, KECA, KGER, KGGM, KVOL, KGIR and KGCX. I recently purchased a new set of tubes and a Lifetime DX Aerial for my five-tube Knight superhet, and am all set to go in for a lot of fine DX again this winter."

"While most listeners lay aside their phones every summer, I have been able to hear some pretty fair catches during the hot months," relates Allan Ford, Portneuf station, Que. "For example, at noon on July 3rd I logged CHLT at Sherbrooke on 1210 kcys for the first time. They were coming in R6-7. Then between

midnight and 3 a. m., EST, on August 9th, I heard LR3, LR4 and an unidentified Buenos Aires station on 1030 kcys. There were exceptional conditions for DX on that morning. Noise level was absolute zero and there was no static, despite the fact that we had had a thunderstorm three hours before. LR3 and LR4 showed good R4-6 signals, although oddly enough XEAW was barely audible."

"My home-made super is still bringing them in," proclaims H. J. Arbic, Acton, Ont. "There is one advantage to sets you make yourself—you can have controls on every part of all stages and get a gain which is better than that of commercial sets."

"I have just balanced my set for the ump-teenth time and have already started some serious DXing," contributes Warren E. Winkley, Hughson, Calif. "The set is a 4-tube AD-DC Lafayette with a 60-foot antenna. During the past three weeks I logged over 100 new stations, running my log well over the 400 total. Among the new stations logged are such good catches as WBIG, WHIS, WBLK, 2KO, 4BH, WHDL, WNBC, WDRC, WCAO, WQDM (Vermont at last!) and last but by far the best, HAL in Budapest, Hungary on 546 kcs at 2:47 am, PST.

Special DX Programs

Three special programs have been scheduled by the Universal DX Club of Oradell, N. J. On Nov. 21 WGTM, Wilson, N. C. will broadcast from 4:00 to 5:00 am, EST. The frequency is 1310 kcs, 100 watts.

KOKO, La Junta, Colo., 1370 kcs, 100 watts, will be on the air for the UDXC on Nov. 25 from 3:00 to 4:00 am, EST.

CAST at Astoria, Ore. on 1370 kcs. will broadcast from 5:10 to 5:30 am, EST, on Jan. 11 and again on Feb. 8, 1938.

Special From WFMD

The Baltimore Chapter of the Newark News Radio Club will broadcast a three-hour DX program on Sunday morning, December 12, 1937, from 2 until 5 am, EST, over station WFMD at Frederick, Md., on 900 kcs.

Many DXers will be "taken for a ride," verbally, and much fun is promised the listeners. Every person reporting to WFMD will receive a free souvenir, and many special prizes for DX reports will be announced over the air. Last year's special program was heard in New Zealand and Hawaii, and the Club is anxious to have many new listeners this year.

Mr. Tidmore of the Station's Staff has kindly let the Baltimore Chapter arrange the entire three hour program. This will be a special NNRC program, of course, and will serve as a fitting tribute to the Club's 10th Anniversary Celebration.



Jeanette MacDonald and her husband, Gene Raymond. Miss MacDonald (that is: Mrs. Raymond) is the star of the Vicks Open House program on the CBS Sundays at 7 pm. Josef Pasternack conducts the orchestra.

Special From CHWK

"Between 2:45 and 4 a. m., EST, on the first Saturday of each month, CHWK, Chilliwack, B. C., will broadcast a special DX program for the NNRC," informs Bill Stone, 32 St. Joseph St., Toronto, Ont. "First

broadcast will be on November 6th and the series will carry through until May."

Usually at this time of year, we are flooded with notices of forthcoming DX specials, but oddly enough the preceding announcements are the only ones for this issue. In fact, judging from correspondence with stations and radio club officials, the current season may set a new low for the number of scheduled courtesy programs.

For a time, it appeared that ambitious Courtesy Programs Committees were going to let their activities work to the detriment of the DX hobby. In a mad race to line up specials and to secure for their club the questionable honor of receiving the most dedications, committeemen apparently forgot the fundamental purpose for their existence—that of enabling fellow DXers to log and verify a needed station.

Instead of one or two broadcasts from seldom-heard stations during the course of a winter season, CPCers lined up long series of weekly and semi-monthly programs. Big, little and medium-size stations were pestered with requests for dedications. CPC work resolved to a struggle for prestige in the DX world—and the committee which scheduled a thousand broadcasts, apparently was more efficient than one which claimed but five hundred.

All this, of course, made excellent weekly lists for club bulletins, but how about the poor club members? By all rules of the game, they were supposed to report on every program dedicated to their club. And when they didn't need a verification, a thank-you card was in order. It seemed to be asking a lot of a DXer to expect him to send off a thousand or so reports in the course of a winter, merely to uphold the honor of his club, yet there was nothing less that he could do under the circumstances.

The natural result of such a situation has been evidenced during the past few years by letters from the broadcasters. When a new station went on the air, its first few test or DX programs were greeted with floods of mail. After a time however, when most listeners had the station verified, the mail dwindled to practically nothing. It was easy to see that the average listener took the trouble to report to a station only when a desired verification was at stake.

The reaction of the stations to such a state of affairs was as obvious as it was natural. After spending considerable time and money on a special program, it was hardly gratifying to be able to count reports on the fingers of two hands and not be obliged to take off a pair of shoes. Next time a request for a broadcast was received, the usual reply was something in the nature of a "Phooey from us to you."

From the all-time high of the 1934-35 season, when more than 2000 specials were broadcast and one club alone claimed over 1100, we have urged CPCers to put a little more stress on *Quality* and forget the *Quantity* of programs.

It may be that our words of caution have been heeded. Perhaps the stations themselves have decided that it was high time to clamp down. It may be a combination of these two factors, but something has cut down the number of weekly specials and we venture to predict that DX-ing will benefit accordingly.

After all, the monthly frequency checks provide unsurpassed opportunities to log the stations on the graveyard channels. These broadcasts are mandatory and the stations do not expect reports, unless the programs are dedicated to some club. Thus, with CPCCommitteemen concentrating their efforts on the broadcasters who do not have monthly checks and remembering to

place *Quality* before *Quantity*, it should be possible to have better co-operation between station and listener.

More Foreign Specials

In the October issue, NNRC Vice-President Arthur E. Foerster, long noted for excellent CPC work, voiced the opinion that domestic scheduling of courtesy programs would soon be a thing of the past. He pointed out that the real field in the future would be among the foreign stations.

"Reading Art Foerster's article gave me an idea," admits Morton Meehan, 563 Adams Ave., Elizabeth, N. J. "Therefore, I suggest that the clubs form a central CPC to take care of special programs from stations in the United States. Then let each club keep its present CPC for work on foreign stations only."

While it is questionable whether the clubs will ever agree on a central CPC, the idea of concentrating on foreign stations is an excellent thought. And it is hardly necessary to go after the European and Australian stations.

Special programs from Mexican and Cuban stations have been all too few in the past, with the result that verified logs of these countries are not nearly as large as they could be. Among the Central American countries there is an excellent opportunity for missionary work.

The field in South America is practically unlimited. From tests by the Bureau of Standards, we know that BCB reception from Argentina is relatively simple. DXers know how frequently stations in Brazil, Colombia and Venezuela push through the domestic line-up on many winter evenings. Old times will recall the comparative ease with which the low-power CP4 in Bolivia and CX26 in Uruguay came through on former tests. Sell the scores of South American stations on the idea of early-

morning test programs, and CPCers will have opened a new happy hunting ground for DXers.

Who Was This?

"I am anxious to learn the identity of the station on 560 kcs on the air between 12 and 1 am, PST," states Warren E. Winkley, Box 12, Houghson, Calif. "One morning this station played 'Empty Saddles,' a Bing Crosby recording. The signal strength of this station was quite steady at R3 but noise prevented me from catching the call letters."

FCC Actions

BY UNANIMOUS vote the Federal Communications Commission adopted an order which abolishes the three divisions, Broadcast, Telegraph and Telephone, effective last November 15.

The FCC consists of seven men, and previous to this order, two men served in each division. The FCC Chairman was also Chairman of each of the divisions.

Chairman McNinch, commenting on this change, stated that under the former arrangement the two members of each division were denied the opportunity of sharing their views with the other FCC directors, and were unable to profit by free discussion and expression of opinions among all the FCC members.

"The Commission functioning as a group," Mr. McNinch stated, "has the benefit of the free discussion and exchange of views, it learns better to cooperate, the Commissioners gain a better understanding of each other, and they influence and share in every important responsibility. The aggregate wisdom and judgment of seven minds is surely greater than any two or three of the seven."

THE FCC shows the location of the studios of the new KELA as "between Centralia and Chehalis, Wash." Although transmitters are often times situated between cities, this is the first time we have heard of a studio being so situated. We are indicating the location in our indices as Centralia-Chehalis.

KINY, Edwin A. Kraft, Juneau, Alaska. Granted CP to install vertical antenna; change freq. from 1310 to 1430 kcs and increased power from 100 to 250 watts, unlt'd. time. Effective 11/23/37.

KLPM, John B. Cooley, Minot, N. Dak. Granted CP to install vertical antenna; move transmitter from city to a point near Minot; change freq. from 1240 to 1360 kcs; increase power from 250 watts to 500 watts night, 1 kw day; change hours from specified to unlt'd. Effective 11/23/37.

WGN was authorized to move its transmitter from its present location near Elgin, Ill., to a suburban site about 15 miles northwest of Chicago. A tract of 100 acres has been purchased by WGN, Inc., and on this site a complete new transmitter unit including a 750 foot vertical radiator will be built.

WGH, Newport News, Va., has special authorization to transmit facsimile on its regularly assigned frequency of 1310 kcs. Facsimile will be broadcast from midnight until 6 am, EST, using 100 watts power.

The license of station WJEJ Hagerstown, Md., has been modified to permit them to use 100 watts daytime and 50 watts at night. Their night hours are limited, being from local sunset to 11 p.m. on Tuesdays, Thursdays, Saturdays and Sundays.

The State Broadcasting Corp., operators of WNBC at New Britain, Conn., have a permit to change the

power of WNBC from 250 watts days to 1 kilowatt days, 250 watts nights. The hours of operation will be unlimited instead of daytime only.

The University of Minnesota has again been given permission to change its frequency and power. WLB was granted a Construction Permit to install new equipment, make changes in antenna, change frequency from 1250 to 760 kcs, increase power from 1 kilowatt to 1 kw nights, 5 kw days, and to change hours from Specified to sharing with WCAL (2/3 day time).

Station WCAL, St. Olaf College, Northfield, Minn., has a Construction Permit to change frequency from 1250 to 760 kcs; to increase power from 1 kw night, 2½ kw days to 5 kw; to change hours of operation from Specified to sharing with WLB (1/3 daytime).

The Minnesota Broadcasting Corp., Minneapolis, operators of WTCN, have permission to change hours of operation from Specified to Unlimited.

The Central Broadcasting Co., operators of WHO at Davenport, Iowa, have been granted special experimental authority to use their 50 kw transmitter for experimental transmission of facsimile signals from 12 midnight until 6 am, CST, daily, on the regularly assigned frequency of 1000 kcs.

Tuning the Amateurs

● ● ● *By B. L. Ahman, Jr.*

THE best news this month is about two stations in Labrador which will be on the air every night during the winter. They are VO6L and VO2JQ. The catch to this is that QSL's will be few and far between because there will be no mail

to Labrador from now until late next Spring.

VO6L is located on Northwest River, and VO6JQ is on Kirkland Lake, a lake 30 to 40 miles long and 10 miles wide. Mail for VO6L can be addressed to his home, VE2JK.

OX2QY, on the high end of the 20-meter band, is situated at Reindeer Point, Greenland. It is operated by Jerry Sayre, W2QY, Storm King School, Cornwall-on-Hudson, N. Y. OX2QY has been working with amateurs on 'phone but it is expected the radiophone transmissions will be less frequent during the winter because of the heavy traffic OX2QY has to handle. QSL cards will be sent to listeners who report correctly, but not until Mr. Sayre returns next fall.

Readers of this column will recall that Julius Orosz stated a few months ago that he considered broadcast band DXing more or less "cut and dried." In the October issue Mr. Snyder disagreed with Mr. Orosz, and now we have Julius' reply: "I agree with Mr. Snyder that PP in Paris cannot be heard by simply tuning to 959 kcs and turning up the volume control at any time a person may have a notion to listen to this station. As a matter of fact, Mr. Snyder forgot to mention interference on the same approximate frequency. In this instance we would have to contend with XEAW, who likes to operate at about the same time PP would be coming in best. I am sure I stated that the net result would be that the station would either be heard or that it would not be heard, and that's all there would be to it."

Julius also points to Count de Veries' statement on how to tune the broadcast band in the same October RADEX.

Adding our own two cents' worth to this discussion, we might state

that Julius is entitled to his likes and dislikes, and so is Mr. Snyder, because after all, DXing is a hobby and not a business.

We do not want anyone to get the idea that broadcast band DXing is easy, because it is not. The writer tuned the broadcast band for twelve years, and "believe you us," there is plenty of fishing to do on that band. While the BCB DXer gets a few catches of quality, the amateur DXer is not satisfied without six or seven good new catches every time the skip is right. All the parts of any radio dial are interesting, and each of us has his own favorite spot to cover.

Julius Orasz reports reception of HB9BL on 14010 kcs from midnight until 1:30 am. Try for this Swiss station; it's a good catch.

Our most consistent correspondent, Hadley Wilcox, reports for the West Coast that Central Americans, South Americans and some Asiatics are consistently received. He also reports ZT6Y, Benoni, Transvaal, South Africa, R7, QSA5 at 6:35 am. Hadley uses a Tiffany-Tone 8 tube set.

Dale Smith of Eugene, Ore., reports the same as Hadley Wilcox concerning continents heard, with the addition of England's G5RV. Dale uses a Sky Buddy which he won in last year's RADEX Mystery DX Contest.

This seems to be a Pacific Coast column. Anthony Tarr of Seattle says that Washington is undoubtedly the worst state in the Union for 20-meter DX, but he has logged 125 hams in 25 countries, which we think is fairly good. In the east we can build up the number of countries heard with comparatively near-by West Indian and Central American stations. The number of stations and the number of countries heard is not important; the

pleasure derived in looking for new ones is most important.

CP1AA also sent a fine card with the following information. Mr. Smith, the operator (address given above) says he is on both 'phone and CW now, and in addition states that there are absolutely no short-wave stations of any kind, except hams and commercials, in Bolivia. Many calls have been assigned but no stations actually exist as yet.

Two other licensed hams in Bolivia are CP1BG, La Paz, inactive, and CP3ANE, Albert Kenny Hertz, Yacuiba, on the hi-frequency end of the 14 meg. band.

OX2QY Again

From Mr. M. E. Smith, 2974 E. 67th St., Cleveland, Ohio, comes more information on the Greenland station. "While listening to the HF side of the 20 meter band I heard a station that proved to be OX2QY, at Reindeer Point, near Etah, on the norther tip of Greenland. Etah is on Smith Sound, across from Ellesmere Island. The station is operated by the McGregor Expedition, which is up there to study terrestrial magnetism and the action of radio waves in the far north."

Mr. Smith heard two calls which have him puzzled. Can any of our readers help him? One was FB1A which he heard talking with G5NI, and the other was FB7XO which was heard calling CQ.

A. E. Blick of Toronto, Ont., also reports very fine reception of this station.

Our thanks for information received are extended to "The Meade Boys," Frank Hoxie, Carroll Weyrich, John Sanderson, Neville Seymour, Elmer Klein and many others.

Next month we will show the time on the air of the North American Broadcasting Stations.

Amateur CALLS HEARD

The names and addresses of persons reporting stations shown in this list are indicated by small letters following the call signs. Key to the small letters is given at the end of the column.

Canadian and United States calls heard are listed here only when reported by listeners not resident in North America. Cuban calls are not listed when heard by listeners in United States or Cuba.

C-E

CN-8: AA (l); AF (o); AJ (*ilmop*); AM (*fmo*); MF (o); MU (o); CO-: 2EG (n); 2HY (b); 2KY (b); 2RF (b); 6OM (b); CT-: 1AY (o); 1EG (o); 1QG (o); 2AE (m); CX1CC (o); EA-: 8AF (m); 9AH (ei); EI-: 2L (*gik*); 5JN (f); 5QX (f).

F

FA3HC (m); FB1A (o); FB7XO (o); FB8AB (a); FB8AH (i); FT4AG (mo); FT4AZ (o); F3-: CP (o); GS (o); HL (l); JD (o); KH (l); MF (l); NF (*fo*); NG (g); OO (*iop*); F8-: AM (o); HE (p); JG (i); JW (o); PU (g); QD (f); TW (o); XT (*fil*).

G

G17I (f); GM-: 5TS (l); 6RG (k); 7UC (m); G2-: AV (f); HK (l); NA (l); DA (l); XV (p); G5-: FP (g); IQ (g); KH (f); ML (b); NI (f); PN (f); PT (l); QI (l); RV (n); ST (g); G6-: BC (f); CL (l); DL (*gi*); DT (l); PG (g); PU (i); RH (l); XI (g); WT (l); WY (l); G8-: BX (l); GX (l); LH (l); MG (l).

H

HA4A (o); HB-: 1AN (o); 9A (o); 9BL (l); 9ZK (o); HC-: 1AE (r); 1FG (*ejor*); 1JB (*begjop*); 2CD (o); HH-: 2B (*cd*); 5PA (*ejj*); HI-: 4F (e); 4JL (o); 7G (p); HK-: 1JN (*gkl*); 3JE (g); 4AC (g); 4AG (*eg*); 4JA (g); 4RC (b); HP1A (c); HS4JV (o).

I-J

IIIT (m); J2MI (n).

K

KA-: 1AK (o); 1HS (*nr*); 1ME (*nr*); K4-: DDH (*jpr*); ENY (*gm*); BH (g); SA (b); K6-: BAZ (*jn*); ENR (*jo*); CMC (*jn*); KMB (j); MVV (j); MZK (n); NBT (p); NTV (*jkp*); NZK (p); NZQ (*jp*); OJI (n); OQE (*jj*); PFC (o); K7SBV (p).

L

LA1G (i); LU-: 1CA (c); 2AJ (f); 3EJ (n); SAB (b); 9BV (n); LY1HB (m).

N-O

NY2AE (*egjnpr*); OA4AL (*bjk*); OE1R (o); ON4-: AZ (o); CR (o); NK (o); RY (o); VC (o); VK (*dino*); ZA (o); OQ5AA (*fm*); OX2QY (*bho*); OZSAM (o).

P

PAOAD (l); PAODW (o); PAOGE (o);

PAOLR (l); PAOMQ (f); PAOWN (m).

SM-: 5SV (o); 7UC (m); 7YA (i); SU-: 1KG (p); 8MA (o); SV1KE (mo); SV1LV (o); SV1NK (o).

T

TI-: 1AF (r); 2AV (*begjprs*); 2DC (k); 2FG (*egjk*); 2KP (*er*); 2RC (j); 2RT (b); 3AV (n).

V

VK2-: ABA (m); ACO (f); ADE (*gj*); ADT (p); AK (j); BQ (*jl*); HF (j); HS (f); HX (p); MH (l); NO (p); OJ (j); RJ (l); VV (p); YO (p); VK3-: AL (*ilnpr*); AZ (j); BZ (p); GQ (k); KI (f); KR (i); KX (f); MX (f); RE (f); XJ (f); XT (p); VK4-: BB (f); JU (*aijn*); TU (p); VD (j); VK5AI (f); VK6MW (*kg*); VO-: 1BG (o); 2N (*befp*); 2Z (*kp*); 3Z (g); 4A (*lo*); 6L (o); VP2-: DA (*joq*); DO (o); GA (o); GR (o); VP3BG (*befpr*); VP3DA (g); VP3FC (g); VP4CF (o); VP4TH (o); VP5PZ (j); VP6-: FO (o); HA (o); PR (o); YB (*btopq*); VP7NA (b); VP9G (o); VP9R (e); VQ1AB (m); VS2AK (*no*); VU7FY (o).

X

XE1-: AK (e); BT (j); CC (n); CV (k); DT (*ln*); FG (g); GE (k); GS (k); K (j); LC (b); LK (*jp*); V (e); Y (*nr*); XE2-: BJ (j); CY (*es*); F (*gk*); FC (*begj*); FY (j); JK (j); SS (p); XE3AH (*ko*); XE3BK (j).

Y

YL1A (o); YL2BC (m); YN-: 1HS (o); 1OP (o); 1OQ (o); 1RS (n); YV-: 4AO (*kl*); 5AA (r); 5ABF (*kl*); 5ABT (e); 5ABX (e); 5ACC (f); 5AI (b); 5AM (e).

Z

ZELJR (*im*); ZF2X (o); ZS2N (mo); ZS2X (*d*); ZS4S (o); ZS6AJ (m); ZT6N (m); ZT6Y (r); ZU6B (o); ZU6N (i).

The Reporters

- (a) Al Bettinger, 2465 N. 47th, Omaha, Neb. (Super Sky rider).
- (b) A. E. Blick, 125 Lappin Ave., Toronto, Ont.
- (c) Ray Deterly, 125 East Blvd., Baton Rouge, La. (Philco 116B).
- (d) Allan Ford, Portneuf Station, P. Q.
- (e) Helmut Giese, 225 Division St., Pt. Washington, Wis. (Sky Buddy).
- (f) F. W. Hoxie, So. Orrington, Maine.
- (g) Dan Hurley, 2524 N. 18th, Philadelphia, Pa.
- (h) A. Judson, 1343 Clarence Ave., Berwyn, Ill. (Silvertone).
- (i) Stanley La Rue, 309 S. Bedford Drive, Beverly Hills, Calif.
- (j) Merton Meade, 819 Wyandotte, Kansas City, Mo.
- (k) Martin Olthoff, 212 N. 16th St., Independence, Kans. (RME69).
- (l) Julius Orosz, 12205 Parkhill Ave., Cleveland, Ohio. (Philco 65OX).
- (m) James A. Shock, Jr., 4045 Ashland St., Philadelphia, Pa. (Philco 62OB).
- (n) Dale Smith, Route 3, Box 536, Eugene, Ore. (Sky Buddy).
- (o) M. E. Smith, 2974 E. 67th St., Cleveland, Ohio.
- (p) Albert Steinmetz, 125 W. 27th St., Bayonne, N. J. (RCA-ACR 136).
- (q) Jack Welsh, Kingston, Ill.
- (r) Hadley Wilcox, 623 W. 40th Place, Los Angeles, Calif. (Tiffany Tone).
- (s) Wm. J. Wood, Jr., 817½ Lake St., Oak Park, Ill. (Zenith 10-S-160).

REPORTING *the* Programs

ARTURO TOSCANINI, considered the greatest living conductor, will direct the newly created NBC Symphony Orchestra in a series of ten radio concerts on Saturday nights beginning Christmas Night, December 25, it was announced by the National Broadcasting Company.

Before the first of the Toscanini concerts, the NBC Symphony Orchestra, which has been assembled from the finest available musicians in order to make it one of the world's best symphony orchestras, will be heard in two other series of Saturday night concerts, each to be directed by a conductor of international fame.

Artur Rodzinski, celebrated leader of American and European symphonic ensembles, will wield the baton on December 4th, 11th and 18th. Preceding Rodzinski is Pierre Monteux, who will conduct three concerts beginning on November 13. At the conclusion of the Toscanini series there will be another series under the direction of Rodzinski.

The NBC Orchestra of 92 musicians will be the first full-size full-time major orchestra to be maintained by an American broadcasting organization. All members are being engaged on contracts of from 40 to 52 weeks. Composed of the finest available instrumentalists and soloists, most of its members are "first chair men." They have come to the NBC from such famous musical organizations as the symphony orchestras of Philadelphia, Chicago, Cleveland, Detroit, Cincinnati, Minneapolis, Paris, Madrid, Brussels, Budapest and London.

The NBC Symphony Orchestra concerts will be broadcast over both the coast-to-coast networks of the NBC for one and one half hours each



Tommy Riggs, radio's latest sensation, who is 29 years old, first went on the radio when he was a student at Ohio State University. Introduced several weeks ago on Rudy Vallee's hour, "Mr. Tommy" and imaginary little Betty Lou made a nation-wide hit.

Saturday night from 10:00 to 11:30 pm, EST. They also will be sent by shortwave to music lovers in Europe, South America and the rest of the world.

Metro-Goldwyn-Mayer

The Maxwell House Showboat has gone into drydock. After a long run of 265 consecutive broadcasts, the famous program was succeeded by an hour-long radio show produced by the Metro-Goldwyn-Mayer Studios. Motion picture talent is featured exclusively on the broadcasts over the NBC-Red Network each Thursday from 9 to 10 pm EST.

Besides dramatizations and musical features, the program brings to the radio audience back-stage glimpses of motion pictures in the making. All important M-G-M pic-

tures will have radio previews on the program, with stars playing the roles in which they are to be seen later in the pictures.

Edward Robinson-Claire Trevor

Edward G. Robinson, famous for his vivid characterizations and hard-boiled roles on stage and screen, stars in a new dramatic series based on newspaper life, heard over the Columbia Network every Tuesday from 8 to 8:30 pm EST. Mr. Robinson plays the role of a crusading managing editor of a tabloid newspaper in a large American city. Each program is a timely adaptation from the American news front, written by a battery of ace playwrights. The large supporting cast is headed by Claire Trevor, prominent on stage and screen.

In real life Mr. Robinson is just the opposite of the characters he portrays. He speaks Spanish, Italian, French, German, Yiddish and Roumanian; is a music lover and regards music as the basic art; also goes in heavily for art and literature. He possesses a B. A. from N.Y.U., and an M. A. from Columbia.

How Do They Doodle?

Kate Smith marks time in telephone conversation by scribbling the Red Cross seal.

Arthur Godfrey shows he hasn't lost interest in his Coast Guard career by his drawings of ships, anchors and gun turrets.

Jack Oakie is one of those chronic paper folders. It may be an escape complex, judging from the fact that most of the papers folded into toy hat and boat shapes are bills from the tailor, landlord, etc.

Harry Salter displays a subconscious interest in engineering at the dinner table. While he conducts conversation, he unconsciously pyramids cups, saucers and condiment jars into the shape of weird looking houses and conveyances.



Feg Murray, long familiar for his syndicated cartoon feature, "Seen' Stars," is now "Seen'" and interviewing interesting luminaries of movieland in the new Blue Network show broadcast Sundays from 7:30 to 8 pm EST.

Dance Orchestras

SUNDAY: On the NBC-Red at 3:00 pm, The Radio Newsreel presents Parks Johnson and Wallace Butterworth interviewing persons in the week's headlines. At 3:30 pm The Bicycle Party, a refreshingly different sort of program, features the comedy team of Swor and Lubin, Bill Slater as sports commentator, the baritone singing of Bert Whaley and Hugo Mariani's orchestra.

Lloyd Pantages Covers Hollywood is heard at 1:45 pm. on the CBS, and a repeat program for the Pacific Coast at 8:00 pm PST. KNX and KSFO are the only western stations broadcasting the repeat.

Dance orchestras available to the CBS on Sunday are Jay Freeman's Orchestra at 11:00 pm EST; Cab Calloway's at 11:15; Henry King at midnight and Red Norvo with Mildred Bailey at 12:30 am.

MONDAY: Dance orchestras which can be heard late Monday nights are Don Bestor at midnight on the Blue Network; Glen Gray at 11 pm on the CBS; George Olson at 11:30, CBS; Horace Heidt's Brigadiers at midnight, on CBS.

TUESDAY: Harold Stern's Orchestra can be heard from the Red Network at 12:30 am; George Olson is on at 11:30 on the CBS; Richard Himber at midnight, CBS, Ted Fio-Rito at 12:30 am, CBS, and Frankie Masters also at 12:30 am, CBS.

WEDNESDAY: The orchestra of Rudolph Friml, Jr., is broadcast by NBC-Red at 11:30 pm. Ernest Gill at 10:30 pm on the Blue; Henry Busse at midnight, Blue; The CBS offers Benny Goodman at 11:05 and 11:15 pm; Tommy Dorsey at midnight; Frankie Masters also at midnight, and Bob Crosby at 12:30 am.

THURSDAY: Henry Busse can be heard over the Blue Chain at midnight; Cab Calloway at 11 pm on the CBS; and again at 11:15; George Olson at 11:30, Orrin Tucker at midnight and Frankie Masters at 12:30 am.

FRIDAY: The rhythm of Louis Panico entertains over the Red Network at 11:15 pm; of Joe Rines at 11:30 on the Red; Glen Gray at 11 on the CBS; Richard Himber at 11:30, CBS; Guy Lombardo at midnight; Ted Fio Rito at 12:30 am, and Frankie Masters at 12:30 am, all on the CBS.

SATURDAY: The CBS offers Benny Goodman at 11, Frankie Masters at 11:30, Sammy Kaye at midnight, Orrin Tucker at midnight, and Bob Crosby at 12:30 am.

"Betty Lou," the precocious little lady who lives in the voice of Tommy Riggs and is projected on the Rudy Vallee Varieties on NBC, is not a figment of his imagination.

Years ago Betty's prototype came into Riggs' life and made a lasting impression. She was a little girl who lived next door to Riggs and was a frequent visitor to his home. The actor imitated her voice to play pranks on friends over the telephone and with such excellent results he was moved to introduce her on the air from a Pittsburgh station.

Jane Rhodes, movie actress and rhythm singer on the Hollywood Mardi Gras broadcasts on NBC, is 16 years old, yet a veteran of nine years experience as a radio vocalist. She began as a child of seven on children's programs in Berkeley, Cal., later singing in her home town of Rockford, Ill., and Los Angeles. Miss Rhodes came into radio popularity this Summer on the Johnny Green Show which preceded the Lanny Ross-Charles Butterworth-Florence George-Raymond Paige-Don Wilson combination.

New Stamps

(Continued from Page 12)

Asuncion. There are three values, 1, 3 and 10 pesos. All are the same design and in the same colors, blue, red and yellow.

New small-sized stamps have been issued by Australia. The 3d ultramarine with a picture of George VI is already commonly seen. The 6p (brown red) has a picture of the kookaburra, VK2ME's "laughing jackass," and the 1 sh (gray-green) depicts the lyre bird.

It is estimated it will take from two to three years to change all the British and Colonial stamps to George VI issues to supplant the George V series.

Jack Haley

JACK HALEY, who is starring in his first radio series over NBC, is a Bostonian by birth and upbringing. Jack's career has been notably free from the ups, downs and sideslips so characteristic of the careers of radio and movie celebrities.

He began in vaudeville, continued in vaudeville, took a crack at musical comedy, returned to vaudeville, got into a movie short, returned to the stage, returned to the screen, and was about to shuttle back to the boards again when he was signed to a long-term contract by Twentieth Century-Fox. He's been in Hollywood ever since.

Live Wire

But before the theater came a term at splicing wires and installing electric fixtures. The Boston Haleys wanted their boy to follow the family tradition in this line, and Jack acquiesced. He was well on his way to the estate of journeyman, when he became aware of an increasing desire to perform on a proscenium. It was a little desire at first, but it grew and grew until it became a full-sized hankering, and then one day he quit the craft of electrician, took along his modest savings, and started out in search of a vehicle for his talents.

Unlike the boy wonders of fiction, Jack did not starve first, or live in a garret the while he courted fortune. He simply got a job with a vaudeville team which was good enough to play the Keith circuit. He can thank Philadelphia for a kind reception to his first efforts, and for the encouragement to continue in his new profession.

It was in "Wake Up and Live" that Haley succeeded in giving the movies the most realistic picture of radio and its inner workings that had yet come to the screen. In this



Jane Ace and her husband, Goodman, are among the long established NBC artists, and yet it was by pure chance that she broke into a radio career. Her husband was broadcasting movie comment in Kansas City in 1929. They were about to leave the studio when another program was cancelled. They ad-libbed their way to a permanent contract. Easy Aces is heard Tuesdays, Wednesdays and Thursdays from 7 to 7:15 pm EST over the Blue network.

musical comedy Haley portrayed an ambitious but mike-struck singer whose eventual success on the air was a product of control room accident. It was the sort of accident that could only happen in a movie scenarist's idea of what goes on in network headquarters, but it made for good comedy. Haley shared footage in the picture with another pair of NBC stars, Walter Winchell and Ben Bernie.

Jack is one of the quietest and most retiring of all Hollywood celebrities. He is friendly but reserved, and particularly dislikes talking about himself and his accomplishments. His pet peeve, he says, is against persons who met him casually years ago and now come up and coyly want him to guess who

they are. Also high on the list of his dislikes is baby food, because he had to eat quantities of it as an example to his infant son.

Won't Talk

There is 5 feet, 10½ inches of Haley, and he weighs 153 pounds. His eyes are blue, his hair is dark brown. He keeps himself physically fit by playing handball, at which he is a wov. Recently he has added badminton to his pursuits, and plays a pretty fair game. Outside of these likes and dislikes, these statistics and proficiencies, little is known of modest J. Haley. He won't talk.

Elmore Vincent, better known to NBC audiences as Senator Frankenstein Fishface, and his partner, Don Johnson, alias Professor Figg-bottle, are products of a Northwestern radio station, KJR, Seattle, Wash., to be exact. Back in 1929 Vincent was a general handy-man there, singing with staff orchestras, playing in dramatic sketches and doing solo programs while Johnson functioned as a script writer. In 1934, five years after their exodus from Seattle, Messrs. Vincent and Johnson met in Radio City and teamed up as Fishface and Figg-bottle.

Gertrude Berg, creator of The Goldbergs, is a pianist, singer and painter as well as writer and actress. The walls of her New York home are rich with modern works in oil from her own brush. A lover of metal objects, Mrs. Berg collects copper kettles and pewter ware of all kinds.

That soft Southern drawl of Malcolm Claire, whose children's programs are broadcast six times weekly on the NBC-Red Network, is authentic. He is a native of Ala-

bama and lived in Georgia and Florida before migrating North. En route to Chicago, whence he has been broadcasting for the last seven years as character actor, blackface comedian, animal imitator and children's entertainer, he stopped off in Hollywood, where he spent three years making movies.

Sidelights on Mark Warnow, who provides musical background for New York On Parade, heard on NBC with Dr. Orestes H. Caldwell and John B. Kennedy: Was born in the Russian Ukraine, a child prodigy in music . . . His father was a violinist, his mother a writer . . . Passion is chasing fire engines . . . Married a girl he met at a fire . . . Practices hypnotism as a hobby . . . Lives in Brooklyn.

Sidelights on Raymond Paige, conductor of the Hollywood Mardi Gras on NBC; Famous on the West Coast for his novel arrangements, is in great demand for radio, screen and concert engagements . . . Reputed to be one of the first Pacific Coast maestros to use guest stars on the air . . . Is the youngest director ever to lead a symphony orchestra in the Hollywood Bowl . . . Never wears a hat.

Although EDDIE CANTOR is best known to studio audiences for his racing up and down the stage and clapping hands when he sings his popular novelty songs, that mannerism is theatrical necessity. The late Florenz Ziegfeld made Eddie cultivate it in order to cover up the nervousness of his opening performances.

Before she was married, Jeanette MacDonald's initials spelled JAM, and now that she is Mrs. Gene Raymond, they spell JAR.

The SWL Trading Post

The following wish to exchange correspondence with other readers:

Hadley Wilcox, 623 W. 40th Place, Los Angeles, Calif. (SWL cards).

Dorsey T. Dobson, Jr., 704 W. Beech St., Durant, Okla. (cards).

J. I. Vaught, Box 1424, New Orleans, La. (cards).

Robert McCue, 224 New York Ave., Union City, N. J.

Neville C. Seymour, 3720 Hillsdale Road, Baltimore, Md., wishes to exchange unused United States postage stamps for unused foreign stamps of equal value which he can use when requesting verifications from foreign stations. Mr. Seymour requests us to point out that he does not wish to exchange SWL cards.

Robert R. Irwin, 918 W. Gunnison St., Chicago, Ill.

Albert Steinmetz, formerly of Philadelphia, has moved to 125 W. 27th St., N. J. He wishes correspondents, especially from Hungarian-American DXers.

Guy Short, 469 E. Main St., Peru, Ind.

Jack Siringer, 1451 Lakewood Ave., Lakewood, Ohio, will exchange SWL cards and correspondence with shortwave listeners overseas.

Ben Follrath, 1419 Pearl St., Alameda, Calif.

Not the drug store nor the dude-ranch variety but genuine reared-in-the-saddle cowboys are NBC's Ranch Boys. Their leader and organizer is Jack (Lonesome) Ross, a native of Oracle, Arizona. The baritone is Joe (Curly) Bradley, baptized Raymond Courtney. He hails from Coalgate, Okla. Shorty Carson, the third member of the group, was christened Hubert Paul Flatt when born in Coal County, Oklahoma.

NBC Names Shortwave Director

The appointment of Percy Winner, international journalist and news commentator, as Director of the National Broadcasting Company's international shortwave service was announced by John F. Royal, NBC vice president in charge of programs. Mr. Winner, lately a member of the NBC Press Division, will take his new position immediately.

Mr. Winner, a native New Yorker, has had wide experience on American newspapers and as a foreign correspondent. In this country he has worked on dailies from New York as far west as Omaha, and south to Charleston. For the New York Post he was News and Foreign Editor, Chief Editorial writer, and political columnist. For the Associated Press he was a European correspondent for five years. For the Manchester Guardian he was American correspondent, and for Havas of France, the largest news agency in the world, he was chief correspondent in charge of North American services.

He also has written for magazines in many countries, in French and Italian as well as English, has appeared as a lecturer in several languages in Europe and the United States, and has been a radio commentator on political and international affairs.

Tommy Dorsey and his orchestra are being heard from 9:30 to 10:00 p.m., EST, on Fridays over the NBC-Blue Network. Dorsey's orchestra, one of the most popular in radio, features Edythe Wright as a vocalist.

A DECADE of Service for DXers

• • • By CARLETON LORD

ON THE eighth of December, the Newark News Radio Club celebrates its Tenth Anniversary. With the completion of a decade of service to the DX fraternity, the oldest organization of its kind has cause to be proud of its accomplishments.

Like so many potentially great projects, the NNRC had a very modest beginning. In the early days of broadcasting, local programs were poor and listeners spent many an hour combing the ether waves for distant stations. Listeners in and around Newark, N. J., read of the airambles of Charlotte Geer in her column, *Broadcasts Winnowed*, in the Newark Evening News, and began to write in of their own reception. Several paragraphs a week were devoted to the pastime which was to become known as DXing.

Radio enthusiasts liked the idea of swapping experiences and suggested that a club be formed. The editors of the News agreed to give it a trial and a notice in the paper advised interested listeners of a meeting in the editorial rooms for the purpose of organizing a DX club. December 8, 1927 was the date and fifty-five eager dial twisters turned out.

Before two hours had passed, the Newark News Radio Club was launched. It had a president, vice-president, secretary, treasurer, several committees, the first draft of a constitution, and was all set to go. And it has been going ever since!

On that first and memorable evening, President Irving R. Potts demonstrated the vision with which he has guided the club to its present enviable position. "This club," he declared, "is going to grow way beyond New Jersey. Why, it may be an

international organization one of these days!"

From the first, the NNRC prospered and attracted much attention in radio circles. In February, 1928, President Potts broadcast over WJZ and outlined the aims and activities of the club. This first radio society program brought a mail response of more than 1500 cards and letters. Many of the writers of those cards and letters are still proud to be known as NNRCers.

One of the earliest aims of the club was to assist members in logging difficult stations. In doing this, the officers were the first to conceive and establish the idea of courtesy



Joe Rines, comedian-maestro of the new NBC show, *The Time of Your Life*, which features Sheila Barrett, personality mimic. Joe, who has broadcast since before the days of networks, was recently featured by Robert L. Ripley as a living *Believe-It-or-Not*, because of his 2274 radio broadcasting hours.

programs. Hundreds of small stations, whose normal daily broadcasts were buried in barrages of interference, were heard on special dedicatory programs during the early morning hours. The group which arranged these broadcasts became known as the Courtesy Programs Committee—and as such has rendered invaluable service to DXers all over the world.

It is interesting to record that one of the Federal Communications Commission's present activities is an outgrowth of an early idea of the NNRC CPCCommittee. Shortly after establishing the plan of arranging courtesy programs, it became evident that, even in the early-morning hours, many stations on the local channels might be broadcasting. Unless the dedicatory broadcasting was scheduled at a time when the other transmitters were silent, the effort to log them was wasted.

Consequently, it was decided to arrange a series of programs from stations on the same frequency for the same morning. One station would commence broadcasting on the hour and continue for fifteen minutes, when it would sign off and another station would come on for a like period. Other transmitters followed at fifteen-minute intervals, giving listeners interference-free reception of each station. The plan worked with such success that the Radio Supervisor in Baltimore employed it to check the frequencies of stations in his zone. And the present system of monthly frequency checks for the FCC followed shortly.

As the NNRC continued to grow and thrive, other committees began to function and a more ambitious program was inaugurated. A Technical Advisory Committee, under the supervision of a competent radio engineer, became available for advice and suggestions to improve the reception of members and to solve receiver or accessory problems.

The DX Qualifications Committee classifies NNRCers according to their DX achievements. Commencing as Juniors with a nominal quota of verifications, they pass through the Master, Past Master, Ace and Super Ace classifications as their verified log increases, and for each degree they receive a handsome certificate. The goal of every member is the Silver Ace classification, which necessitates varies from 800 EBC stations, with at least 100 of these being more than 2000 miles distant. For members living in parts of the country where distance prohibits 2000-milers on this continent, the latter qualification is changed to provide for an increased number of stations from 1500 to 1900 miles away.

By no means least in importance is the Good and Welfare Committee which remembers NNRCers who are ill and arranges for visits, flowers and cheery letters.

Dear to the hearts of members in and around Newark is the Entertainment Committee, which has charge of club functions. First major social event in NNRC history was a dinner in February, 1929 and entertainment was provided by Giuseppe di Benedetto, tenor of the National Grand Opera Co.; Amy Goldsmith, 1928 New York State winner of the Atwater Kent National Radio Audition; Swanee Taylor of Main Street Sketches, the Landt Trio and White, Mildred Blessing and Bradford Brown. A year later the club dinner had Norman Sweetser of NBC as master of ceremonies, and members and guests were delighted by Phil Cook, Countess Olga Albani, Bob McGimsey, Caroline Gray, Robert Simons, and Macy and Smalle.

Subsequent social events brought stars from the highest air lanes, the cast of the original Main Street Sketches; Roxy and some of his

Gang; Norman Brokenshire; Phillips Carlin, old NBC announcer and present executive; Jack Poppele, chief engineer of WOR; Henry Burbig, Vincent Lopez, the Goldbergs, May Singhi Breen and Peter de Rose, Colonel Stoopnagle and Budd, the Gloomchasers; Ward Wilson, impersonator de luxe; Reis and Dunn; Joe White, "The Silver Masked Tenor"; Kate Smith, and the Pickins Sisters, the Tasty Yeast Jesters, and many others. Jimmy Brierly, NNRC member and now featured baritone soloist with Paul Whiteman, made many appearances.

Most recent event of major interest to NNRCers is the annual convention held in July on the estate of member Harold Robinson in Lansdale, Pa. Members from many states attended the latest gathering on July 11th of this year, with Vice-President Dora Newcomb coming all the way from Oxnard, Calif. Art Foerster and Earl Roberts came from Indianapolis to repeat in person their slurs on Lloyd Hahn, Barney Ahman and Carroll Weyrich of the Baltimore Chapter. The feature of the day was the victory of Newark, aided and abetted by Connecticut's Lloyd Jefferson French and a couple of ringers, over Baltimore in the annual baseball game.

The Allocations Committee keeps members informed weekly of the various changes among stations on the broadcast band and on short waves. In 1934, after two years of intensive work, the committee finished a complete record of every broadcast station in the United States, Canada, Cuba and Mexico that had ever been on the air. It is believed that this is the only reference of that character in existence, and many times it has proved its worth to members who have referred to it for information which was unobtainable elsewhere.

Officers of the NNRC are nom-

inated and elected annually by the members at large. Policies of the club are formulated by a Board of Directors, which meets in Newark monthly.

Under the capable guidance of its executives, the NNRC has now finished its first ten years of service to listeners. It has pioneered many innovations, done splendid missionary work among broadcasters both here and abroad, and established co-operation between listeners and stations without which DXing could not have prospered.

When President Potts first predicted growth beyond New Jersey and a possible international organization, many charter members chuckled at his "imagination." But the dream wasn't so wild and the fulfillment not so long in materializing. The club now has members all over the world, held together by the power of that vision which he never relinquished and which has served as the spur of its endeavors.

Somehow, the spirit of the NNRC lives in the words of Charlotte Geer, The Dialist and co-founder of the club:

*"There's a hint of winter in the air,
the keen winds blow,
The smell of burning leaves
abounds, the smoke hangs low,
But soon the air grows crystal-clear
and you and I
Can sit before the hearth and reach
the far and nigh.
We'll hear the soft-voiced Southerner,
Atlanta's voice,
We'll hear the folks of Texas speak
and we'll rejoice.
Because, though we must stay and
tread the old home ways,
Our hearts will go a-travelling these
winter days."*

Government Radio Series on CBS

A VAST education program through radio, backed by the United States government to promote further the Good Neighbor Policy of this country with Latin America, is broadcast each Monday from 10:30 to 11 pm., EST, over the Columbia Broadcasting System.

The broad sweep of Latin-American history, culture and present-day problems will be developed in 26 episodes, in the radio series entitled "Brave New World." The series started on November 1.

In most cases the Hispanic-American public figure is an index to his times. Therefore, the story is told around the dramatic lives of great leaders, statesmen, educators, poets and artists of Latin America, from the days of the Conquistadores to the present.

These programs will bring to life such stirring scenes as the conquest of the Incas by Pizarro; the death of Columbus in a shabby attic room; the heroic crossing of the Andes by the great military genius, San Martin; the thrilling meeting of Theodore Roosevelt and the humanitarian Rondon, in the wilderness of Brazil; and many others illustrating the culture and life of our southern neighbors.

"This will probably be the first time in history," Commissioner Studebaker said, "that one government has spent time and money on a sustained effort to help its own citizens appreciate the ideals of peoples across the border. While war and talk of war are darkening the horizon, it is heartening that the Americas are working for peace."

Diplomatic representatives from all the Latin American Republics have enthusiastically endorsed this project.

The titles of some of the programs to be presented indicate the type of entertainment that is in store for listeners. A few are listed below.

"Conquerors of a New World," about Cortes, Pizarro, Balboa and other Conquistadores.

"The Empire of the Sun," describing life in Cuzco, the Inca, and modern archeological work.

"The Magnificent Mayans."

"Christ of the Andes," the story of this famous statue high in the Andes.

"The Schoolmaster President," Sarmiento of Argentina.

"The Beloved Ruler," Dom Pedro II of Brazil.

"The Little Indian of Mexico," Benito Juarez, the Indian who became President of Mexico.

"A Caribbean Cruise," describing a visit to lands of pirates, sugar planters, soldiers of fortune, marines, missionaries, businessmen and scientists.

"Wings Over South America," showing Glimpses of Miami, some of the West Indies, the largest Asphalt Lake, the largest river, the highest mountains, greatest coffee plantations and gorgeous Latin American cities.

"Down the Pan American Highway"; day by day from San Antonio, Texas to Mexico City, Central America, Panama, Colombia to Argentina.

When Station KOAM at Pittsburg, Kans., went on the air on October 11 for the first time, it was affiliated with the National Broadcasting Company's Southwestern Group, taking programs from both the Blue and Red Networks. KOAM is owned by the Pittsburg Broadcasting Corporation, and transmits on 790 kcs with 1000 watts power.

More Australian Changes

• • • By A. I. BREEN

THE New Zealand Government's chain of commercial stations throughout the country is almost completed. 3ZB, 1000 watts, on 1430 kcs, commenced broadcasting on schedule of 6:00 am, to midnight daily. 4ZB at Dunedin, 1220 kcs, 1000 watts, has also commenced broadcasting, employing the same schedule.

4ZP, Invercargill, has changed to 680 kcs, from 620 kcs, to escape interference from 3AR, which ruins its signal. 4ZP has 100 watts power.

Australia

2XL, 100 watts, on 880 kcs, is located in Cooma, NSW, Australia, and is being heard much better than when it first came on the air.

Another new Australian that has been on the air for a month with no one logging it, is 2KM, Kempsey, NSW, 100 watts on 980 kcs. It had been passed over repeatedly as 6AM, the powerful Western Australian station on that frequency.

4MB at Maryborough, 100 watts, moved from 1060 to 1400 kcs. 4MB is owned by the Maryborough Broadcasting Co., Ltd., 43 Adelaide St., Brisbane, Qsld.

4LG at Longreach, Qsld., boosted its power from 300 to 500 watts. The Central Western Broadcasting Co. is the owner.

2WG at Wagga, owned by the Riverina Radio Broadcasting Co., Ltd., 16 Fitzmaurice St., doubled its power, going from one to two kilowatts.

2KA, Katoomba, 1160 kcs, raised its power from 100 to 200 watts. It is operated by Radio Katoomba, Ltd., 16 Barrack St.

The power of 4CA, Cairns, was raised to 200 watts. This is an Amalgamated Wireless Station and re-

ports are to be addressed to them at 47 York St., Sydney, NSW.

From Other Countries

The 100 watt station at Wusih, China on 1050 kcs, has changed its call letters to XHIE from XLIF.

A new station, ZHL, Singapore, Straits Settlements, has been reported by many New Zealand DXers. It transmits on 1332 kcs.

A new broadcaster for Rome, Italy, is testing on 1222 kcs, with a power of 60 kilowatts.

A new station, CD69, at Valdivia, Chile, is working on 690 kcs. The slogan is "Radio Sur," and the owners, C. Kahler y Cia., Ltda., Casilla 642.

The best Venezuelan broadcast band station, YV5RA, Caracas, transmits on the following schedule; Sundays, 8:30 am, to 10:30 pm, EST, and weekdays, 7:30 am, to 10:30 pm, EST. This station has been reported frequently in past seasons by North American DXers, and should be heard again this winter. The mailing address is Apartado 2009.

The new British Broadcasting Corp. station at Stagshaw came on the air on Oct. 19. This station, working with 60 kilowatts on 1122 kcs, replaces the 1 kw. Newcastle station.

The two new 50 kw stations under construction in Canada are expected to be finished before the end of the year. The Montreal station, CBF, will transmit on 910 kcs. It is understood that when the Toronto unit, CBL is completed, station CRCT on 840 will be deleted. It is therefore assumed that CBL will use 840 kcs frequency.

SW NEWS of the Month

British Guiana

FOR those listeners who have difficulty in obtaining verifications from the two British Guiana stations, the person to write to is Mr. James Jack, Secretary, Tourist Bureau and Chamber of Commerce, Georgetown, Demerara, British Guiana," suggests David Brockton Browne, 550 E. Glenarm St., Pasadena, Calif.

"Mr. Jack will do all in his power to assist DXers to obtain the desired verifications, if they send in a correct log. The two Georgetown stations are VP3MR, 6075 kcs, "The Voice of Guiana," and VP3BG, 6130 kcs, "The Only Local Station With Two Daily Broadcasts."

VP3BG verified a report of Jack Siringier, RX22, with a very attractive QSL card.

Burma

The new station in Rangoon is now on the air and reception has been reported as very good in Australia and New Zealand. It should be heard here this winter. It is understood the call letters are XZ1GY. It works on 6005 kcs. (RX7).

Canada

The Rogers Radio Broadcasting Co., Ltd., operators of CFRX on 6070 kcs, have moved their offices to 622 Fleet St., Toronto, Ont. The transmitter, licensed for 1000 watts, is situated in King Township, Ont.

Ceylon

The Colombo station, VPB, is now heard on 6150 kcs, in New Zealand. (RX7).

Chile

Dr. Salvador Tercero Elizalde, Apartado 56, Parral, Chih., Mexico (RX40), reports reception of CB1170, Santiago, between 8 and 11 pm, EST. This station transmits the programs of CB89, Santiago, "Las Broadcastings Populares Para Toda la



Rosalind Russell and Jimmie Stewart are the stars of the new "Sunday Afternoon Silver Theater," broadcast Sundays at 5:00 pm over the CBS network. Conrad Nagel is presented in the role of narrator, director and actor, while interpolative music is provided under the direction of Felix Mills.

America."

Dr. Tercero identifies the station on 12007 kcs, as CB1190, Valdivia. The slogan is "Radio Sur, Radio Valdivia."

China

Telephone service to China through Shanghai was interrupted by military damage to the Chenju transmitting station, but within a few hours, with the permission of the FCC, authority was granted to stations KWN, KWO, KWU, KWV, KWX and KWY to establish service on a temporary basis through the station at Canton.

The best Cantonese commercial station is XTV on 9490 kcs. (RX).

Colombia

A new Colombian, HJ7ABD, situ-

ated at Bucaramanga, is reported on 9630 kcs. The signal is one of the best South American signals at this time. Announcements are given in Spanish, and infrequently in English; the slogan "Radio Bucaramanga" aids in identification. After completing the regular broadcasting day at about 11:35 pm, tests are conducted with Bogota. It is believed this station is owned by Colombia Broadcasting, operators of HJ3ABD at Bogota. (RX22-29-37).

Cuba

Two new Cubans are reported to be under construction and about ready to go on the air by Alec Kinghorn (RX10). The stations are COBX, owned by Alberto Alvarez of station CMBX, Havana, and COCA, 6460 kcs, to relay CMCA, Testar y Gonzales, Galiano 102, Havana. COBX will transmit on 9100 kcs.

COBX, 9200 kcs, relaying CMBX, Havana, is heard nightly until 11:30, but is best near 9 pm. (RX23).

COCM, 9800 kcs, relays the broadcasts of CMCM, P. O. Box 33, Havana. The programs continue until midnight. (RX23).

COKC, 8940 kcs, has been reported at 9:30 pm. (RX23).

Denmark

The Danish station on 11805 is no longer heard, but OZF on 9520 kcs. has been reported. It signs off daily at 6:45 pm, (RX23).

El Salvador

A verification received from San Salvador states that YSM tests on a frequency of 11710 kcs. Reports on this station are not as frequent as they were a month ago, and it is believed an irregular schedule is maintained. The operator is the Director General of Telephones and Telegraphs, and Radio Nacionales. (RX33).

YSD on 7890 kcs, has been heard relaying broadcast band YSS near 9:50 pm. (RX23).

Formosa

The Taihoku, Taiwan station on 9600 kcs, relaying JFAK, is reported at 8:30 am. (RX23).

France

"Radio Liberte," 9520 kcs, has been heard many times near 6 pm, EST. (RX23). This station transmits Spanish war news, and requests that reports be addressed to 10 Ave. de la Liberte, Becon, Courbevoie, France.

Germany

Programs from Belgrade, Jugoslavia, have been relayed several times through German stations at Zeesen. DJP on 11855 kcs is the most frequently used for these relays. (RX45).

DJC on 6020 kcs has been added to the North American Program by the German Broadcasting Station. DJB, DJC and DJD transmit from 4:50 pm to 10:45 pm EST.

The second African broadcasts now take place from 10:40 am to 4:30 pm, on DJC, DJD and DJL.

Guatemala

Guatemala City has been heard through a new transmitter which is coming through with a tremendous signal. The call letters are TGWA. It was heard one evening near 11 pm, EST, testing with WCG New York, on about 9640 kcs. and another night testing with three unidentified USA commercial stations, on the announced frequency of 11760 kcs. The slogan was given as "The Voice of Guatemala." They announced that their programs on Monday and Thursday nights from 8 to 10 pm. will be addressed to American listeners. (RX22-29).

Indo-China

"Radio Saigon," at Saigon, French Indo-China, transmits between 5 am, and 11 am, EST. Announcements are spoken in French by a lady. "Radio Saigon," reported also as "Radio Philco," transmits on 11700 kcs. (RX).

Jamaica

Two Jamaica stations were logged in the 1.6 meg. police radio band. They were VPH at Kingston and VPC at Midland. This reception was recorded near 1 am. (RX39).

Japan

In order to supply their listeners with information on the situation in the Far East, the Japanese stations now broadcast news items in six languages, Japanese, English, French, German, Chinese and Spanish.

The morning broadcasts from 8 to 9 am are now carried on JZJ, 11800 kcs, only. JZK no longer transmits at this time.

Manchukuo

JDY on 9920 kcs, Dairen, Kwantung, Manchukuo, broadcasts news in English at 7:45 am. (RX23).

Martinique

Those who like the type of music heard on the "Manhattan Merry-go-Round" on Sunday nights will surely enjoy the broadcasts from "Radio Martinique." This new station transmits daily from 6:45 to 7:45 pm. Announcements during the program are in French, but they sign off in French, English and German. A lady does the English speaking. (R22-23).

The call letters of the Fort de France station are given as FZF6, by RX42. This call is never announced, however. In addition to the earlier schedule given in the paragraph above, they are said to broadcast also at 10:30 to 11:30 pm, EST, (RX42).

The address is P. O. Box 136, and the announced frequency, 9730 kcs. (RX).

Mexico

The slogan used by station XEWW is "La Voz de la America Latina desde Mexico," according to Dr. Salvador Tercero E. of Parral, Chih. XEWW, Mexico City, relays XEW on 9500 kcs. (RX40).

A new Mexican, call not known, is heard nightly after 11 pm. EST. on 7100 kcs. It is in Jalisco City. (RX23).

XEAW, Veracruz, 8630 kcs, is heard 10:30 and 11 pm. (RX23).

Several stations, believed to be government or army stations, are reported, with call letters—BGI, in the 2nd, 3rd and 4th districts. X4BGI is heard most often, and uses a number of different frequencies. (RX22).

Netherlands

The PHOHI stations have altered their broadcasting schedule. There are no Wednesday broadcasts except the 8 to 9 pm transmission over PCJ on 9590 kcs. The Tuesday programs are relayed from 8:25 am until 10 am, EST, over PHI on 17770 kcs only.

Nicaragua

YNPR on 8600 kcs, broadcasts a German program on Fridays from 9 to 10 pm. (RX23).

Poland

SPW in Warsaw comes through with a strong signal but is frequently bothered by interference. Programs are transmitted on Mondays, Wednesdays and Fridays from 12:30 to 1:30 pm, EST, (RX35).

Portugal

CT1AA at Lisbon is beginning to get across the Atlantic with a fairly good signal. Reception of this station has not been good all summer, but should be fairly reliable during the winter. CT1AA broadcasts on 9650 kcs, on Tuesdays, Thursdays and Saturdays from 4 to 7 pm, EST. The cuckoo identification signal helps to identify the station. (RX22).

Portuguese East Africa

CR7BH, Mozambique, verifies reports promptly, says A. V. Deterly, RX41. A verification was received from this station just a little more than a month after sending the report. CR7BH, situated in Laurenc

Marques, Mozambique, transmits on 11718 kcs. (RX41).

Siam

HS8PJ has changed the frequency of its Thursday broadcast to 9510 kcs. This program is transmitted from 8 to 10 am, EST. (RX42).

Spain

"Radio Nacional" is heard every night broadcasting war news from 9 to 9:45 pm, EST. Their frequency drifts often, from 10210 to 10800 kcs. (RX44). It also has been reported at 8 pm, on 10370 kcs. (RX23).

Straits Settlements

ZGE in Kuala Lumpur on 6095 kcs, has picked up in New Zealand and should soon make its appearance in this country. (RX7).

Switzerland

A bulletin from "Radio-Nations," Geneva, gives their broadcasting schedule for the 1937 winter season. Four broadcasts are offered every Friday evening, according to this schedule.

From 2 to 2:15 pm, EST, HBO on 11400 broadcasts in English for the British Isles and South Africa.

From 2:30 to 2:45 pm, EST, HBL on 9340 kcs, transmits in French.

From 7:30 to 7:45 pm, EST, HBL on 9340 kcs, broadcasts in English for Canada and the United States.

From 8 to 8:15 pm, EST, HBL on 9340 kcs, broadcasts in Spanish for South and Central America.

Weekly transmissions are also broadcast on Monday for Australia and New Zealand, but the frequency and time is not mentioned. This information is available through the courtesy of Kenneth Axelson, 5801 Dorchester Ave., Chicago, Ill.

Union of South Africa

The new 5 kilowatt transmitter of the South African Broadcasting Company has been heard broadcasting on 9625 kcs, from 11:45 pm, EST, to 12:30 am, EST. Setting up exercises are conducted until midnight, at which time Westminster chimes

are heard, followed by a clock striking 7 o'clock (morning in Johannesburg). News flashes and more setting up exercises follow. Two additional frequencies are announced but have not yet been heard; they are 6069 kcs, and 7625 kcs. (RX22).

The schedules of this new station are given by RX42 as Sunday, 8 to 10:15 am, EST; daily except Sunday 3:30 to 7 am, and 9 am, to 4 pm, EST; daily except Saturday 11:45 pm, to 12:30 am, EST.

United States

A complete list of the Police Stations of North America was printed in the September issue of RADEX and changes and additions to this list are shown in this column every month. Alterations which have taken place since our November issue are shown below:

New

- 1.658 KKFD Kensington Park, Calif. (.05).
- 1.682 KADK Hilo, Hawaii. (.5).
- KSPR Redding, Calif. (.3).
- 1.698 WMSR Randallstown, Md. (.25).
- 2.414 WMPO Merced, Calif. (.25).
- 2.442 WASF Elwood, Ind. (.05).
- 2.466 WMPW Waterbury, Conn. (.05).
- 2.726 KATA Grass Valley, Calif. (.05).
- KATB Forbestown, Calif. (.05).
- KAWJ Norden, Calif. (.5).
- KAWK Emigrant Gap, Calif. (.05).

Power

- 1.658 KSW Berkeley, Calif. No. 5 kw. days, 1 kw. nights.
- 2.382 WAKE Oshkosh, Wis. Now 500 w.

Call letters

- 1.712 KHTP Houston, Texas, from KGZB (correction).

A late change in the broadcasting hours of W3XAL has been announced. W3XAL on 6100 kcs broadcasts now from 9 pm to 1 am daily, and on 17780 kcs from 8:55 to 6:45 pm, and from 7 to 9 pm, EST, daily.

Special events, such as presidential or other important speeches, are re-broadcast at midnight for the benefit of audiences in New Zealand, Australia, the Far East, and Central and South America. Midnight our time is 3:00 pm in Eastern Australia, 4:30 pm in New Zealand, and 1 pm in China.

The corrected schedule of W1XAL is given below:

6040 kcs, daily except Saturday, 7 to 9 pm. EST.

11790 kcs, Saturday, 1:45 to 6:30 pm. Sunday, 3:00 to 6:00 pm. Other days, 4:45 to 6:30 pm EST.

15250 kcs, Sunday, 10:15 am to noon. Daily except Saturday and Sunday, 2:15 to 4 pm EST.

Venezuela

The schedule of "Radio Caracas," YV5RA on 960 kcs, and YV5RC on 5800 kcs, is Sundays from 8:30 am, to 10:30 pm, and on weekdays from 7 am, to 10:30 pm. (RX).

YV5RJ, Caracas, 6250 kcs, has been heard transmitting programs on the last day of each month, until 1:30 am, EST. (RX22).

The Reporters

RX7, Alan I. Breen
RX10, Alec Kinghorn
RX22, Jack Siringor
RX23, Carl and Anne Eder
RX27, Raphael Geller
RX29, Wm. J. Wood, Jr.
RX33, Carl Martin
RX35, Albert Steinmetz
RX37, David Hill
RX39, Allan Ford
RX40, Dr. S. T. Elizalde
RX41, A. V. Deterly
RX42, Stanley La Rue
RX45, Frederick A. Wallace, Jr.

New Canadian on the Air

Through the courtesy of the Canadian DX Relay, we report a new Canadian station, CFAR, located at Flin Flon, Manitoba. Letters from the Canadian Broadcasting Corp., received up to the moment we go to press, fail to mention this station, however.

CFAR went on the air on November 1st, and broadcast special DX test programs for their first week of broadcasting activity, the CDXR

informs us. Another special program will be radiated on December 1, but the exact time is not yet known.

This station is situated in the heart of a heavily mineralized district and it is expected that, due to the mineral deposits, CFAR will not be heard for great distances.

The frequency is 1370 kcs, and CFAR employs 100 watts in the aerial.

The Canadian Prefixes

In reply to a note to the Canadian Broadcasting Corporation concerning the use of the prefix CB- in their new call letter assignment, Walter A. Rush of the Radio Division, Department of Transport, calls to our attention the fact that broadcasting stations are not required to use call signs in conformity with the International Call Sign Assignments. The letter reads:

"We note your remarks to the effect that the international call assignment shows that CA- to CE- is reserved for the use of Chile.

"For your information, I may say it was declared at the Madrid Conference that under the Regulations annexed to the International Telecommunications Convention of Madrid, 1932, broadcasting stations were not required to be assigned call signs from the international series. It was upon this understanding that the Canadian Broadcasting Corporation was authorized to use call signs commencing with CB-."

A new club, known as the "Short Wave Cadets," has been launched. The initiation fee is only ten cents, and there are no dues to pay. Every member receives a monthly bulletin free of charge. The Secretary is Francis Gmeiner, 661 E. 109th St., Cleveland, Ohio.

The Frequency Checks

In order to include many of the new stations which have recently come on the air, the engineers of the Federal Communications Commission have revised their list of monthly frequency check broadcasts. The latest schedule, with times given in Eastern Standard, follows:

The Second Monday	
2:00-2:20	WLNH 1310 Laconia, N. H.
	WJBO 1420 Baton Rouge, La.
2:10-2:30	WBRB 1210 Red Bank, N. J.
	WBBS 1500 Selma, Ala. <i>NY RC</i>
2:20-2:40	WNAS 1420 Springfield, Mass.
	WLOD 610 Miami, Fla.
2:30-2:50	WURL 1500 Woodside, N. Y.
	WJBW 1200 New Orleans, La.
2:40-3:00	WOKO 1430 Albany, N. Y.
	WMBR 1370 Jacksonville, Fla.
2:50-3:10	WCAK 1200 Burlington, Vt.
	WOFI 1500 Bristol, Tenn.
3:00-3:20	WMBO 1310 Auburn, N. Y.
	WMSD 1420 Sheffield, Ala.
3:10-3:30	WOC 1370 Davenport, Ia.
	WCAD 1220 Canton, N. Y.
	WRGM 1210 Grenada, Miss.
3:20-3:40	KWLC 1270 Decorah, Ia.
	WMBQ 1500 Brooklynn, N. Y.
	WNBR 1430 Memphis, Tenn.
3:30-3:50	KFPW 1210 Fort Smith, Ark.
	WDBO 580 Orlando, Fla.
	WMFF 1310 Plattaburg, N. Y.
3:40-4:00	KABC 1420 San Antonio, Tex.
	WQDM 1390 St. Albans, Vt.
	WSMB 1320 New Orleans, La.
3:50-4:10	WFAS 1210 White Plains, N. Y.
	WHEF 1500 Kosciusko, Miss.
4:00-4:20	KFDM 560 Beaumont, Tex.
	KLS 1280 Oakland, Calif.
	WAGF 1370 Dothan, Ala.
	WCAP 1280 Asbury Park, N. J.
4:10-4:30	KCRJ 1310 Jerome, Ark.
	KMLB 1200 Monroe, La.
	KYOS 1040 Merced, Calif.
4:20-4:40	KLUF 1370 Galveston, Tex.
	KGDM 1100 Stockton, Calif.
	WDEV 550 Waterbury, Vt.
	WDNC 1500 Durham, N. C.
4:30-4:50	KROC 1310 Rochester, Minn.
	KGAR 1370 Tucson, Ariz.
	KALB 1210 Alexandria, La.
4:40-5:00	KOVC 1500 Valley City, N. D.
	KROY 1210 Sacramento, Calif.
	WBNO 1200 New Orleans, La.
4:50-5:10	KEUB 1420 Price, Utah
	KRE 1370 Berkeley, Calif.
	WLAK 1310 Lakeland, Fla.
5:00-5:20	KIBST 1500 Big Spring, Tex.
	KIEM 1450 Eureka, Calif.
	WFOY 1210 St. Augustine, Fla.
5:10-5:30	KDON 1210 Monterey, Calif.
	WMIN 1370 St. Paul, Minn.
	WTAL 1310 Tallahassee, Fla.
5:20-5:40	KTRH 1290 Houston, Texas
	KUMA 1250 Yuma, Ariz.
	WAIR 1250 Winston-Salem, N. C.
5:30-5:50	KFGQ 1370 Boone, Ia.
	KWG 1200 Stockton, Calif.
	WGCM 1210 Gulfport, Miss.
5:40-6:00	KGMB 1320 Honolulu, T. H.
5:50-6:10	KGLO 1210 Mason City, Ia.
	KVCV 1210 Redding, Calif.
6:10-6:30	KADA 1200 Ada, Okla.

The Second Tuesday	
2:00-2:20	WBAX 1210 Wilkes Barre, Pa.
2:10-2:20	WDAS 1370 Philadelphia, Pa.
2:20-2:40	WBBL 1210 Richmond, Va.
2:30-2:50	WFBG 1310 Altoona, Pa.
2:40-3:00	WMBG 1210 Richmond, Va.
2:50-3:10	WEBR 1310 Buffalo, N. Y.
3:00-3:20	KDAL 1500 Duluth, Minn.
	WLVA 1200 Lynchburg, Va.
3:10-3:30	KPAC 1260 Port Arthur, Tex.
	WBTM 1370 Danville, Va.
3:20-3:40	WKRC 550 Cincinnati, Ohio
	WHEC 1430 Rochester, N. Y.
3:30-3:50	WNAD 1010 Norman, Okla.
	WMBC 1420 Detroit, Mich.
	WRAC 1370 Williamsport, Pa.
3:40-4:00	KFVS 1210 Cape Girardeau, Mo.
	WJAC 1310 Johnstown, Pa.
3:50-4:10	WTAW 1120 College Station, Tex.
	WBNS 1430 Columbus, Ohio
	WBNY 1370 Buffalo, N. Y.
4:00-4:20	WCOL 1210 Columbus, Ohio
	WBRE 1310 Wilkes Barre, Pa.
4:10-4:30	KLPM 1240 Minot, N. Dak.
	WPAR 1420 Parkersburg, W. Va.
	WPAY 1370 Portsmouth, Ohio
4:20-4:40	KRMD 1310 Shreveport, La.
	WOMT 1210 Manitowoc, Wis.
	WSYR 570 Syracuse, N. Y.
4:30-4:50	KGCA 1270 Decorah, Ia.
	WCLE 610 Cleveland, Ohio
	WNBF 1500 Binghamton, N. Y.
4:40-5:00	KTEM 1370 Temple, Tex.
	KGBU 900 Ketchikan, Alaska
	WGH 1310 Newport News, Va.
4:50-5:10	KGVO 1260 Missoula, Mont.
	KRLH 1420 Midland, Tex.
	WLK 1390 Cleveland, Ohio
	WWSW 1500 Pittsburg, Pa.
5:00-5:20	KGXC 1450 Wolf Point, Mont.
	KRMC 1370 Jamestown, N. D.
	WSAY 1210 Rochester, N. Y.
	WSPD 1340 Toledo, Ohio
5:10-5:30	KAST 1370 Astoria, Ore.
	KNET 1420 Palestine, Tex.
	WAVE 940 Louisville, Ky.
5:20-5:40	KCMO 1370 Kansas City, Mo.
	KFJI 1210 Klamath Falls, Ore.
	WXYZ 1240 Detroit, Mich.
5:30-5:50	KIDW 1420 Lamar, Colo.
	KPQ 1500 Wenatchee, Wash.
	WGAR 1450 Cleveland, Ohio
5:40-6:00	KFIO 1120 Spokane, Wash.
	KQV 1380 Pittsburg, Pa.
	WCAT 1200 Rapid City, S. Dak.
5:50-6:10	KLAH 1210 Carlsbad, N. Mex.
	KORE 1420 Eugene, Ore.
6:00-6:20	KOOS 1200 Marshfield, Ore.
	WLBL 900 Stevens Point, Wis.

The Second Wednesday	
2:00-2:20	WMPF 1420 Daytona Beach, Fla.
2:10-2:30	WAIM 1200 Anderson, S. C.
2:20-2:40	KVOL 1310 Lafayette, La.
2:30-2:50	WBBQ 1370 Memphis, Tenn.
2:40-3:00	WKAQ 1240 San Juan, P. R.
2:50-3:10	WSJS 1310 Winston-Salem, N. C.
3:00-3:20	WCPO 1200 Cincinnati, Ohio
	WMFD 1370 Wilmington, N. C.
3:10-3:30	KFIZ 1420 Fond du Lac, Wis.
	WPAX 1210 Thomasville, Ga.
3:20-3:40	KOKO 1370 La Junta, Colo.
	WCLO 1200 Janesville, Wis.
	WRDW 1500 Augusta, Ga.
3:30-3:50	WQBC 1360 Vicksburg, Miss.
3:40-4:00	KAND 1310 Corsicana, Texas
	KPLC 1500 Lake Charles, La.
	WHBC 1200 Canton, Ohio

WHAT'S ON THE AIR TONIGHT

Fill in the calls and frequencies of the stations through which you best receive the network programs. You can then turn quickly to the one that has the feature you want.

Network	Stations
Canadian (CBC)	
Columbia (C)	
Mutual (M)	
National Red (R)	
National Blue (B)	

Time: E Eastern; C Central; M Mountain; P Pacific

While these programs are correct at the time of going to press, changes are made frequently.

MONDAY

E-6:45 p.m., C-5:45, M-4:45, P-3:45

B — Lowell Thomas

CRCT KDKA WBAL WBZ WBZA
WFLA WIOD WJAX WJZ WLW
WMAL WOOD WRVA WSYR WTAM
WXYZ

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Poetic Melodies: Jack Fulton
WABC WADC WBT WCAO WCAU
WDRG WEAN WEEI WFBL WGR
WHCC WHK WJAS WJR WJSV
WKRC WOKO WSPD WTOG WWVA

R — Amos 'n' Andy

KYW WBEN WCAE WCSH WFAE
WEEI WFBR WGY WJAR WLW
WRC WTAG WTIC

E-7:15 p.m., C-6:15, M-5:15, P-4:15

R — Uncle Ezra's Radio Station

KARK KFYR KGBX KGNC KPRC
KSTP KTBS KTHS KVOO KYW
WBAP WBEN WCAE WCKY WCOL
WCSH WDAF WDAY WFAE WFCB
WFAA WFRB WGBF WGY WHO
WIBA WIRE WJAR WKY WMAQ
WNAC WOAI WOOD WOV WRC
WTAG WTAM WTIC WTMJ

E-7:30 p.m., C-6:30, M-5:30, P-4:30

B — Lum and Abner

WBZ WBZA WVEN WJZ WLW
WMC WSM WSYR

E-7:45 p.m., C-6:45, M-5:45, P-4:45

C — Beako Carter

KMBC KMOXKOMA KRLD WABC
WBMB WBT WCAO WCCO WDRG
WEAN WFBL WGR WHAS WHK
WJAS WJR WJSV WKRC WNAC

E-8:00 p.m., C-7:00, M-6:00, P-5:00

C — Horace Heidt and Orchestra

KDB KERN KFAB KFBK KFH
KFFY KFRG KGB KHJ KLRA KLZ
KMBC KMJ KMOX KOIN KOL
KRLD KRNT KSL KTRH KTSA
KTUL KVI KWG WABC WBBM
WBRC WBT WCAO WCAU WCCO
WDRG WFBL WFBM WGR WGST
WHAS WHK WJAS WJR WJSV
WKRC WLAC WMBR WNAC WNAX
WOKO WREC WWL

R — Burns and Allen

CRCT KYW WBEN WCAE WCSH
WCSH WFAE WFBR WFLA WGY

WHO WIOD WIRE WIS WJAR
WJAX WLW WMAQ WNAC WPTF
WRC WRVA WSOE WTAG WTAM
WTAR WTIC WWJ

B — Gen. Hugh Johnson

KDKA KOIL KSO KWK WBAL
WBZ WBZA WCKY WEAN WEBR
WRIL WHAM WHK WICC WJZ
WLS WMAL WMT WREN WSYR
WTCN WXYZ

E-8:30 p.m., C-7:30, M-6:30, P-5:30

C — Pick and Pat

KFAB KMBC WABC WADC WBBM
WBT WCAO WCAU WDRG WEAN
WFBL WGR WGST WHEC WHK
WHF WICC WJAS WJR WJSV
WKRC WLBZ WMAS WNAC WOKO
WORC WSPD

R — Voice of Firestone

CFCE CRCT KFYR KPRC KSD
KSTP KTBS KVOO KYW WAVE
WBEN WCAE WCSC WCSH WDAF
WDAY WFAE WFCB WEEI WFAA
WFBZ WFRB WFLA WGY WHO
WIBA WIOD WIRE WIS WJAR
WJAX WJDX WKY WMAQ WMC
WOAI WOW WPTF WRC WRVA
WSB WSM WSMB WSOE WTAG
WTAM WTAR WTIC WTMJ WWJ
WWNC

B — Campana's Vanity Fair

KDKA KFEL KFI KFSD KGA KGO
KGW KJR KLO KOIL KSO KWK
WBAL WBZ WBZA WCKY WEAN
WEBR WFIL WHAM WHK WICC
WJZ WLS WMAL WMT WOV
WREN WSPD WSYR WXYZ

E-9:00 p.m., C-8:00, M-7:00, P-6:00

R — Fibber McGee and Molly

KFYR KPRC KSD KSTP KTBS
KVOO KYW WAVE WBEN WCAE
WCOL WCSH WDAF WDAY WFAE
WFCB WFAA WFRB WFLA WGY
WHO WIBA WIOD WIRE WIS
WJAR WJAX WJDX WLW WMAQ
WMC WNAC WOAI WOOD WOW
WPTF WRC WSB WSM WSMB
WSOC WSUN WTAG WTAM WTAR
WTIC WTMJ WWJ WWNC

C — Lux Radio Theater

CFRB CRAC KFAB KFH KFFY
KLRA KLZ KMBC KMOX KNOW
KNX KOH KOIN KOL KOMA
KRLD KRNT KSFO KSL KTRH
KTSA KTUL KVI WABC WADC

WBMB WBNS WBRC WBT WCAO
WCCO WDAE WDBJ WDRG WEEI
WFBL WFBM WGAR WGST WHAS
WHEC WHIO WIBX WISN WJAS
WJR WJSV WKBW WKRC WLAC
WMAS WMBD WNAX WOKO WORC
WPRO WQAM WREC WRVA WWL

B — Philadelphia Symphony

KFEL KGO KSO KVOD KWK
KXYZ WBAL WBZ WBZA WEAN
WEBR WENR WFIL WHAM WJTN
WJZ WLS WMAL WREN WRTD
WSPD WSYR WTCN WXYZ

E-9:30 p.m., C-8:30, M-7:30, P-6:30

R — Phil Spitalny's Girl Orchestra

CFCE CRCT KDYL KFI KGHL
KGR KGO KGW KHQ KOA KOMO
KPRC KSD KSTP KVOO KYW
WAVE WBEN WCAE WCSH WDAF
WFAE WFAA WFRB WFLA WGY
WHO WIBA WIOD WIRE WIS
WJAR WJAX WKY WLW WMAQ
WMC WNAC WOAI WOW WPTF
WRC WRVA WSB WSM WSMB
WTAG WTAM WTAR WTIC WTMJ
WWJ

E-10:00 p.m., C-9:00, M-8:00, P-7:00

R — Contented Program

CFCE CRCT KDYL KFI KGW KHQ
KOA KOMO KPO KPRC KSD KYW
WBEN WCAE WCSH WDAF WFAE
WFLA WFRB WFLA WGY WHO
WIOD WIS WJAR WJAX WKY
WMAQ WMC WOAI WOW WPTF
WRC WRVA WSB WSM WTAG
WTAM WTAR WTIC WWJ WWNC

B — Warden Lewis E. Lawes

KDKA KECA KFSD KGA KGO
KJR KLO KOIL KSO KVOD KWK
WBAL WBZ WBZA WCKY WEAN
WEBR WENR WFIL WHAM WHK
WICC WJZ WMAL WMT WOV
WREN WSPD WSYR WTCN WXYZ

C — Wayne King and Orchestra

KDB KERN KFAB KFBK KFFY
KFRG KGB KHJ KLZ KMBC KMJ
KMOX KOIN KOL KRNT KSL KVI
KWG WAAB WABC WADC WBBM
WBNS WBT WCAO WCAU WCCO
WDRG WEAN WFBL WFBM WHAS
WHK WIBW WJAS WJR WJSV
WKBW WKRC WOKO WSPD WWL

E-10:30 p.m., C-9:30, M-8:30, P-7:30

R — Burns and Allen
KARK KDYL KFBK KFI KFYR

MONDAY (Continued)

KFBX KGHK KGIR KGNK KGO
KQB KHQ KMJ KOA KOMO KPO
KPRC KSD KSTP KTAR KTBS
KVOO KWG WAVE WDAF WDAY
WBCB WFAA WIBA WJDX WKY
WMC WOAI WOW WSB WSMB
WTMJ

E-11:00 p.m., C-10:00, M-9:00, P-8:00
C — Poetic Melodies; Jack Fulton
KERN KFBK KPHK KPPY KFCR
KGB KHJ KLRA KLZ KMBC KMOX
KGIN KOL KOMA KRLD KRNT
KSL KTRH KTSB KVI WBBM
WBRC WCCO WFBM WGST WLAC
WREC WWL

R — Amos 'n' Andy

KDYL KFI KGW KHQ KOA KOMO
KPO KPRC KSD WBAF WDAF
WHO WKY WLW WMC WOAI WOW
WSB WSM WSMB WTAM WWJ

E-11:15 p.m., C-10:15, M-9:15, P-8:15

C — Boake Carter
KFPY KGCN KGIN KOL KSFQ
KSL KVI

B — Lum and Abner

KECA KERN KEX KFBK KFSD
KGA KGO KJR KMJ KWG

E-11:30 p.m., C-10:30, M-9:30, P-8:30

C — Pick and Pat
KFPY KGKO KLRA KLZ KMOX
KNX KOIN KOL KOMA KRLD
KRNT KSCJ KSPC KSL KTUL
KVI KWKH WACO WBRC WCCO
WFBM WHAS WLAC WREC

TUESDAY

E-6:45 p.m., C-5:45, M-4:45, P-3:45

B — Lowell Thomas, See Monday

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Poetic Melodies, See Monday

R — Amos 'n' Andy, See Monday

B — Easy Aces

KDKA KDYL KFI KGW KHQ KOA
KOIL KOMO KPO KSO KWK WBAL
WBZ WBZA WCKY WENR WFIL
WGAR WHAM WHIO WIRE WJZ
WMAL WMT WSYR WXYZ

E-7:30 p.m., C-6:30, M-5:30, P-4:30

C — Helen Menken, Drama

KFAB KFPY KIRO KLZ KMBC
KMOX KNX KOIN KRNT KSFQ
KSL KVI WABC WBBM WCAO
WCAU WDRC WFEI WFBL WGAR
WGR WHAS WHEC WHIO WJAS
WJR WJSV WKRC WOKO WORC
WPRO

B — Lum and Abner, See Monday

E-8:00 p.m., C-7:00, M-6:00, P-5:00

R — Johnny with Russ Moran

KFNR KPRC KSD KSTP KTBS
KTHS KVOO KYW WAVE WBAF
WBEN WCAE WCHS WDAF WDAY
WEAF WEBC WFBM WFLA WGY
WHO WIBA WIOD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMC WNAC WOW WPTT WRC
WRVA WSB WSM WSMB WSOB
WSUN WTAG WTAM WTAR WTCI
WTMJ WWJ WWNC

B — Husbands and Wives

KDKA KECA KEX KFSD EGA KGO
KJR KLO KOIL KSO KVOD KWK
WABY WBAL WBZ WBZA WCKY
WEAN WEBR WFIL WGAR WHAM
WICQ WJZ WLS WMAL WMT
WREN WSYR WXYZ

C — Edward Robinson; Claire Trevor

CBM CFRB KFAB KFH KFPY
KIRO KLRA KLZ KMBC KMOX
KNOW KNX KOIN KOMA KRLD
KRNT KSFQ KSL KTRH KTSB
KTUL KVI WABC WADC WBBM
WBNS WBRC WBT WCAO WCAU
WCCO WDAE WDBJ WDRC WEEI
WFBL WFBM WGAR WGR WGST
WHAS WHEC WHIO WIBX WISN
WJAS WJR WJSV WKRC WLAC
WMAS WMBD WNAX WOKO WORC
WPRO WQAM WREC WRVA WWL

E-8:30 p.m., C-7:30, M-6:30, P-5:30

C — Al Jolson; Parkyakarkus

CFRB CROC KFAB KFH KLRA
KMBC KMOX KNOW KOMA KRLD
KRNT KTRH KTSB KTUL WABC
WADC WBBM WBNS WBRC WBT
WCAO WCAU WCCO WDAE WDBJ
WDRC WEEI WFBL WFBM WGAR
WGR WGST WHAS WHEC WHIO
WIBX WISN WJAS WJR WJSV
WKRC WLAC WMAS WMBD WNAX
WOKO WORC WPRO WQAM WREC
WRVA WWL

R — Wayne King and Orchestra

KFNR KPRC KSD KSTP KTBS
KVOO KYW WAVE WBAF WBEN
WCAE WCKY WCHS WDAF WDAY
WEAF WEBC WEEI WFBM WGY
WHO WHIO WIBA WIRE WJAR
WJDX WKY WMAQ WMC WOAI
WOW WRC WSB WSM WSMB
WTAG WTAM WTCI WTMJ WWJ

B — Edgar Guest, It Can Be Done

KDKA KOIL KSO KWK WBAL
WBZ WBZA WFIL WGAR WHAM
WJZ WLS WLW WMAL WMT
WREN WSYR WXYZ

E-9:00 p.m., C-8:00, M-7:00, P-6:00

C — Al Pearce and Gang

CFRB CKAC KFAB KFH KGKO
KLRA KMBC KMOX KOMA KRLD
KRNT KSCJ KTRH KTSB KTUL
KWKH WARC WACO WADC WALA
WBBM WBIG WBNS WBRC WBT
WCAO WCAU WCCO WDAE WDBJ
WDBO WDNC WDOD WDRC WEAH
WFBL WFBM WFEA WGST WHAS
WHEC WHK WHP WIBW WIRX
WISN WISN WJAS WJR WJSV
WKBH WKBN WKBW WKRC
WLAC WLIRZ WMAS WMBD WMBG
WMBR WMMN WNAC WNAX
WNBF WNOR WOC WOKO WORC
WOW WPG WQAM WREC WSBT
WSFA WSJS WSPD WTCO WWL

R — Vox Pop; Sidewalk Interviews

KSD KYW WBN WCAE WCKY
WCHS WDAF WEAJ WEEI WFBM
WGY WHO WIRE WJAR WMAQ
WOW WRC WTAG WTAM WTCI
WWJ

E-9:30 p.m., C-8:30, M-7:30, P-6:30

C — Jack Oakie's College

Station list not available

R — Lanny Ross; Charles Butterworth

CPCF CRCT KDYL KFI KGIL

KGW KHQ KOA KOMO KPO KPRC
KSD KSTP KTAR KTBS KVOO
KYW WAVE WBAF WBEN WCAE
WCOL WCHS WCHS WDAF WDEL
WEAF WEBC WFBM WFLA WGY
WHO WIBA WIOD WIRE WIS
WJAR WJAX WKY WMAQ WMBG
WMC WNAC WOAI WOOD WOW
WRC WSB WSM WSMB WSOB
WTAG WTAM WTAR WTCI WTMJ
WWJ

E-10:00 p.m., C-9:00, M-8:00, P-7:00

C — Benny Goodman's Orchestra

KFAB KFH KFPY KGKO KLRA
KLZ KMBC KMOX KNOW KNX
KOLN KOL KOMA KOY KRLD
KRNT KSCJ KSFQ KSL KTRH
KTSB KTUL KVI KVOI KWKH
WABC WACO WADC WALA WBBM
WBIG WBNS WBRC WBT WCAU
WCCO WCHS WCOA WDAE WDBJ
WDBO WDNC WDOA WDRC WEEI
WFBL WFBM WGAR WGST WHAS
WHEC WHIO WHP WIBX WISN
WISN WJAS WJR WJSV WKBH
WKBN WKBW WKRC WLAC WLBB
WMAS WMBD WMBR WNAX
WNBF WNOR WOC WOKO WORC
WPG WPRO WQAM WREC WRVA
WSBT WSFA WSJS WTCO WWL

B — Gen. Hugh Johnson

KDKA KOIL KSO KWK WBAL
WBZ WBZA WCKY WIRE WEBR
WFIL WHAM WHK WICC WJZ
WLS WMAL WMT WOW WREN
WSPD WSYR WTCN WXYZ

E-10:30 p.m., C-9:30, M-8:30, P-7:30

R — Jimmy Fidler Hollywood Gossip

KDYL KFI KGW KHQ KOA KOMO
KPO KSD KTAR KYW WBNB
WCAE WCHS WDAF WEAJ WFBM
WGY WHO WJAR WLW WMAQ
WNAC WOOD WOW WRC WTAG
WTAM WTCI WWJ

E-11:00 p.m., C-10:00, M-9:00, P-8:00

C — Poetic Melodies, See Monday

R — Amos 'n' Andy, See Monday

E-11:15 p.m., C-10:15, M-9:15, P-8:15

B — Lum and Abner, See Monday

E-11:30 p.m., C-10:30, M-9:30, P-8:30

C — Al Jolson; Parkyakarkus

KFPY KLZ KNX KOIN KOL KSFQ
KSL KVI

E-Midn't; C-11:00, M-10:00, P-9:00

C — Al Pearce and Gang

KFBB KFPY KGVO KLZ KNX
KOH KOH KOL KOY KSFQ KSL
KVI KVOI

WEDNESDAY

E-6:45 p.m., C-5:45, M-4:45, P-3:45

B — Lowell Thomas, See Monday

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Poetic Melodies, See Monday

R — Amos 'n' Andy, See Monday

B — Easy Aces, See Tuesday

E-7:15 p.m., C-6:15, M-5:15, P-4:15

C — Hobby Lobby

KMBC WABC WADC WBIG WBNS
WBT WCAO WCAU WCHS WDAE

Wednesday (Continued)

WDBJ WDBO WDRC WEEI WFBL
WGAR WGBI WGR WHEC WHIO
WIBX WJAS WJR WJSV WKBN
WKRC WLWB WMAS WMBR WWO
WORC WPRO WQAM WRVA WQVA

R — Uncle Ezra, See Monday

E-7:30 p.m., C-6:30, M-5:30, P-4:30
B — Lum and Abner, See Monday

E-7:45 p.m., C-6:45, M-5:45, P-4:45
C — Boake Carter, See Monday

E-8:00 p.m., C-7:00, M-6:00, P-5:00
C — Cavalcade of America
KDB KERN KFAB KFBK KFPY
KFRC KGB KHJ KLZ KMBC KMJ
KMOX KOIN KOL KRLL KRNT
KSL KVI KWG WABC WBBM
WBNS WCAU WCCO WDRC WEAN
WFBL WFBM WGR WHAS WHFC
WHK WJAS WJR WJSV WKRC
WLAC WMBB WMBC WMOB WWRB
WYLL

R — One Man's Family
KDYL KFI KFYR KGW KHQ KOA
KOMO KPO KPRC KSD KSTP
KTAR KTBS KTHS KYOO KYW
WAPI WDFW WDAF WDBF WDCB
WCSH WDAF WDAY WFAE WFCB
WEEI WFAA WFBF WFLA WGY
WHO WHIO WHD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMC WNAO WOI WOV WPTF WRC
WRVA WSB WSM WSMB WSOB
WSUN WTAG WTAM WTAR WTIC
WTMJ WWJ WWNC

B — Eddie Duchin's Orchestra
KDKA KECA KFEL KFSD KGA
KGO KJR KLO KOIL KSO KWK
KXYZ WAGA WBAL WBZ WBZA
WCKY WDSU WEAN WEBR WFIL
WHAM WHK WICC WJZ WLS
WML WMPS WMT WWO WREN
WSPD WSPD WSYR WXYZ

E-8:30 p.m., C-7:30, M-6:30, P-5:30
C — Eddie Cantor; Deanna Durbin
CFRB CKAC KFAB KFH KLRA
KMBC KMOX KOMA KRLL KRNT
KSCJ KTRH KTSa KTUL KWKH
WABC WADC WBBM WBNS WBRB
WBT WCAO WCAU WCCO WDAE
WDBJ WDBO WDRC WEEI WFBL
WFBM WGR WGST WHAS WHFC
WHIO WHK WHP WIBW WIBX
WJAS WJR WJSV WKRC WLAC
WLWB WMAS WMBB WMBC
WMBR WNAX WNOX WOKO WORC
WOWO WPG WPRO WQAM WREC
WYLL

R — Wayne King, See Tuesday

B — Skoisky from Hollywood
KDKA KECA KFEL KFSD KGA
KGO KGW KJR KLO KOIL KSO
KWK WBAL WBZ WBZA WCKY
WEAN WEBR WFIL WHAM WHK
WICC WJZ WLS WML WMT
WOWO WREN WSPD WSYR WXYZ

E-9:00 p.m., C-8:00, M-7:00, P-6:00
C — Kotelanetz
KDB KERN KFAB KFBK KFH
KFPY KFRC KGB KGNO KGNB
KHJ KLKA KLZ KMBC KMJ KMOX
KOH KOIN KOL KOMA KRLL
KRNT KSCJ KSL KTRH KTSa

KTUL KVI KVOR KWG KWKH
WABC WACO WADC WALA WBBM
WBG WBNS WBRB WBT WCAO
WCAU WCCO WCOA WDAE WDBG
WDBO WDNC WDDO WDRC WEAN
WFBL WFBM WFEA WGST WHAS
WHEC WHK WHP WIBW WIBX
WICC WISN WJAS WJR WJSV
WKBN WKBW WKRC WLAC WLWB
WMAS WMBB WMBC WMBR
WNAX WNAX WNB WNOX WOC
WOKO WORC WOWO WPG WQAM
WREC WSPA WSJS WSPD WTOC
WYLL

R — Town Hall Tonight
KFYR KPRC KSD KSTP KTBS
KTHS KVOO KYW WAVE WBEN
WCAE WCSH WDAF WDAY WFAE
WFCB WEEI WFAA WFBF WFLA
WGY WHO WIBA WIOD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMC WOAQ WOV WPTF WRC WSB
WSB WSMB WSOB WTAG WTAM
WTAR WTIC WTMJ WWJ WWNC

E-10:00 p.m., C-9:00, M-8:00, P-7:00
C — Crime Crusade; Phil Lord
KDB KERN KFAB KFBK KFH
KFYR KPRC KGB KHJ KLRA KLZ
KMBC KMJ KMOX KOIN KOL
KOMA KRLL KRNT KSL KTRH
KTSa KTUL KVI KWG KWKH
WABC WACO WBBM WBNS WBRB
WBT WCAO WCAU WCCO WDAE
WDBJ WDBO WDRC WEAN WFBL
WFBM WGST WHAS WHFC WHK
WICC WISN WJAS WJR WJSV
WKBN WKBW WKRC WLAC WLWB
WMBC WMBR WNAX WOKO WORC
WOWO WQAM WREC WTOC WYLL

R — Your Hit Parade
KDYL KEX KFI KFYR KGHL
KGIR KGU KGW KHQ KOA KOMO
KPO KPRC KSD KSTP KTAR KTBS
KTHS KVOO KYW WAVE WCAE
WCSH WDAF WDAY WFAE WFCB
WEEI WFAA WFBF WFLA WGY
WHO WIBA WIOD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMC WNAO WOI WOV WPTF
WRC WRVA WSB WSM WSMB
WSOC WSUN WSYR WTAG WTAM
WTAR WTIC WTMJ WWJ WWNC

B — Gen. Hugh Johnson, See Tues.

E-11:00 p.m., C-10:00, M-9:00, P-8:00

C — Poetic Melodies, See Monday
R — Amos 'n' Andy, See Monday

E-11:15 p.m., C-10:15, M-9:15, P-8:15
C — Boake Carter, See Monday
B — Lum and Abner, See Monday

E-11:30 p.m., C-10:30, M-9:30, P-8:30
C — Eddie Cantor; Deanna Durbin
CFRB CKAC KFAB KFH KLRA
KMBC KMOX KOMA KRLL KRNT
KSCJ KTRH KTSa KTUL KWKH
WABC WADC WBBM WBNS WBRB
WBT WCAO WCAU WCCO WDAE
WDBJ WDBO WDRC WEEI WFBL
WFBM WGR WGST WHAS WHFC
WHIO WHK WHP WIBW WIBX
WJAS WJR WJSV WKRC WLAC
WLWB WMAS WMBB WMBC
WMBR WNAX WNOX WOKO WORC
WOWO WPG WPRO WQAM WREC
WSPA WSJS WSPD WTOC WYLL

THURSDAY

E-6:45 p.m., C-5:45, M-4:45, P-3:45

B — Lowell Thomas, See Monday

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Poetic Melodies, See Monday
R — Amos 'n' Andy, See Monday

B — Easy Aces, See Tuesday

E-7:30 p.m., C-6:30, M-5:30, P-4:30
C — "We, The People."
KFAB KMBC KMOX KNOW KOMA
KRLL KRNT KSCJ KTRH KTSa
KTUL WABC WBBM WBNS WCAO
WCAU WCCO WCOA WDAE WDBJ
WDBO WDNC WDDO WDRC WEAN
WFBL WFBM WFAE WGST WHAS
WHEC WHK WHP WIBW WIBX
WJAS WJR WJSV WKRC WMBB
WMBR WOC WOKO WPRO WQAM

B — Lum and Abner, See Monday

E-8:00 p.m., C-7:00, M-6:00, P-5:00

C — Kate Smith; Henny Youngman
CFRB CKAC KDAL KFAB KFH
KGKO KLRA KMBC KMOX KNOW
KOMA KRLL KRNT KSCJ KTRH
KTSa KTUL KWKH WABC WACO
WADC WBBM WBNS WBRB WBT
WCAO WCAU WCCO WDAE WDBJ
WDBO WDDO WDRC WEEI WEOA
WFBL WFBM WGR WGR WGST
WHAS WHFC WHIO WHP WIBW
WISN WJAS WJR WJSV WKBN
WKRC WLAC WLWB WMBB WMBR
WNAX WNOX WOC WOKO WORC
WPRO WQAM WRVA WREC WSPA
WTAQ WYLL

R — Rudy Vallee's Variety Hour
CFRC CRCT KDYL KFI KFYR
KGW KHQ KOA KOMO KPO KSD
KSTP KTAR KYW WAVE WCAE
WCSH WDAF WDAY WFAE WFCB
WEEI WFBF WGY WHO WJAR
WLW WMAQ WOV WRC WTAM
WTIC WTMJ WWJ

B — Gen. Hugh Johnson, See Mon.

E-8:30 p.m., C-7:30, M-6:30, P-5:30

B — March of Time
KDKA KERN KECA KFBK KFEL
KFSD KGA KGO KJR KLO KMJ
KOIL KSO KWG KWK KXYZ WABY
WBAL WBZ WBZA WCKY WCOL
WEBR WFIL WHAM WJZ WML
WMPS WMT WOWO WREN WSPD
WSYR WTCN WXYZ

E-9:00 p.m., C-8:00, M-7:00, P-6:00

C — Major Bowes' Amateurs
CFRB CKAC KDB KERN KFAB
KFBK KFH KFPY KFRC KGB
KGRO KLRA KLZ KMBC KMJ
KMOX KOIN KOL KOMA KRLL
KRNT KSCJ KSL KTRH KTSa
KTUL KVI KVOR KWG KWKH
WABC WACO WADC WALA WBBM
WBG WBNS WBRB WBT WCAO
WCAU WCCO WCOA WDAE WDBJ
WDBO WDNC WDDO WDRC WEAN
WFBL WFBM WFEA WGST WHAS
WHEC WHK WHP WIBW WIBX
WICC WISN WJAS WJR WJSV
WKBN WKBW WKRC WLAC WLWB
WMAS WMBB WMBC WMBR
WMMN WNAX WNOX WOC WOKO
WORC WOWO WPG WQAM WREC
WSPA WSJS WSPD WTOC WYLL

R — MGM Program

CRCT KDYL KERN KFBK KFI
KPYR KGHL KGIR KGNC KGW
KMJ KOA KOMO KPO KPRC KSD
KSTP KTBS KWG KYW WAPI
WAVE WBAF WBBM WCAE WCSH
WDAF WDAY WDCB WFBF WFLA
WGY WHO WIBA WIOD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMBC WMC WNAO WOI WOV
WOW WPTF WRC WSB WSM
WSMB WSOB WSUN WTAG WTAM
WTAR WTIC WTMJ WWJ WWNC

THURSDAY (Continued)

E-10:00 p.m., C-9:00, M-8:00, P-7:00

R — Bob Burns; Bing Crosby
CFCE CRCT KDYL KFI KFYZ
KGW KHQ KOA KOMO KPO KPRC
KSD KSTP KTAR KTBS KTHS
KV00 KYW WAVE WBAP WBEN
WCAE WCSH WDAF WDAY WEAF
WEBC WEEI WFRB WFLA WGY
WHO WIBA WIOD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMC WOAI WOW WPTF WRC
WRVA WSB WSM WSMB WSOC
WTAG WTAM WTAR W TIC WTMJ
WWJ WWNC

E-10:30 p.m., C-9:30, M-8:30, P-7:30

C — "We, The People."
KFPY KIRO KLZ KNX KOIN KOY
KSF0 KSL KVI

E-11:00 p.m., C-10:00, M-9:00, P-8:00

C — Poetic Melodies, See Monday
R — Amos 'n' Andy, See Monday

E-11:15 p.m., C-10:15, M-9:15, P-8:15

C — Kate Smith; Henny Youngman
KFBB KFPY KGVO KIRO KLZ
KNX KOIN KOY KSF0 KSL KVI
KVOR

FRIDAY

E-6:45 p.m., C-5:45, M-4:45, P-3:45

B — Lowell Thomas, See Monday

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Poetic Melodies, See Monday
R — Amos 'n' Andy, See Monday

E-7:15 p.m., C-6:15, M-5:15, P-4:15

R — Uncle Ezra, See Monday

E-7:30 p.m., C-6:30, M-5:30, P-4:30

B — Lum and Abner, See Monday

E-7:45 p.m., C-6:45, M-5:45, P-4:45

C — Boake Carter, See Monday

E-8:00 p.m., C-7:00, M-6:00, P-5:00

C — Hammerstein Music Hall
KDB KERN KFAB KFBK KFPY
KPRC KGB KHJ KLZ KMBC KMJ
KMOX KOIN KOL KOMA KRNT
KSL KVI KWG WABC WBBM
WBNS WBRC WBT WCAO WCAU
WCCO WDRC WEAN WFBL WFBM
WFRB WGST WIAS WHK WJAS
WJR WJSV WKRC WMAS WMBG
WNAO WOKO WWL

R — Cities Service Concert
CRCT CFYR KOA KPRC KSD
KSTP KTBS KTHS KV00 KYW
WBAP WBEN WCAE WCSH WDAF
WDAY WEAF WEBC WEEI WFAA
WFRB WGY WHO WIBA WIOD
WJAR WKY WMAQ WOAI WOW
WRC WRVA WSAI WTAG WTAM
W TIC WTMJ WWJ

E-8:30 p.m., C-7:30, M-6:30, P-5:30

C — Hal Kemp; Alice Faye
KFAB KFH KGKO KLRA KMBC
KMOX KOMA KRLL KRNT KSCJ

KTRH KTSa KTUL KWKH WABC
WACO WADC WALA WBBM WBIG
WBNS WBRC WBT WCAO WCAU
WCCO WCOA WDAE WDBJ WDBO
WDNC WDOE WDRC WEEI WFBL
WFBM WFEA WGR WGST WHAS
WHEC WHIO WHK WHP WIBW
WIBX WISN WJAS WJR WJSV
WKBN WKRC WLAC WLWB WMAS
WMBD WMBG WMBR WMMN
WNAX WNBW WNOX WOC WOKO
WORC WOWO WPG WPRO WQAM
WREC WSPA WSJS WSPD WTOO
WWL

B — Death Valley Days

KDKA KDYL KFI KGW KHQ KOIL
KOMO KPO KSO KWK WBAL WBZ
WBZA WFIL WGAR WHAM WJZ
WLS WLW WMAL WMT WREN
WSYR WXYZ

E-9:00 p.m., C-8:00, M-7:00, P-6:00

C — Hollywood Hotel

CFRB CKAC KDB KERN KFAB
KFBK KFH KFPY KFCR KGB
KHJ KLRA KLZ KMBC KMJ KMOX
KOIN KOL KOMA KRLL KRNT
KSCJ KSL KTRH KTSa KTUL KVI
KVOR KWG KWKH WABC WADC
WBBM WBNS WBRC WBT WCAO
WCAU WCCO WDAE WDBJ WDBO
WDRC WEAN WFBL WFBM WFEA
WGST WHAS WHEC WHK WHP
WIBW WIBX WICC WJAS WJR
WJSV WKBW WKRC WLAC WLWB
WMAS WMBD WMBG WMBR
WNAC WNAX WNOX WOKO WORC
WPG WQAM WREC WSPD WWL

R — Frank Munn; Lois Bennett
KSD KYW WBEN WCAE WCSH
WDAF WEAF WEEI WFRB WGY
WJAR WLW WMAQ WOW WRC
WTAG WTAM WWJ

B — Pontiac Varsity Show

KARK KDKA KECA KERN KFBK
KFEL KFSB KFYR KGA KGHF
KGHL KGIR KGNC KGO KGW
KJR KLO KOB KOIL KPRC KSD
KTAR KTBS KTHS KWG KWK
WAPI WAVE WBAL WBZ WBZA
WCSO WDAY WEAN WEBC WEFR
WFAA WFBC WFIL WFLA WHAM
WHK WICC WIOD WIS WJAX
WJDX WJZ WKY WLS WLW WMAL
WMC WMT WOAI WOOD WOWO
WPTF WREN WSB WSM WSBM
WSOC WSPD WSUN WSYR WTAR
W TIC WWNC WXYZ

E-9:30 p.m., C-8:30, M-7:30, P-6:30

R — True Story Court

KSD KYW WBEN WCAE WCSH
WEAF WEEI WFRB WGY WHO
WHIO WJAR WMAQ WOW WRC
WTAG WTAM WTIC WWJ

B — Tommy Dorsey's Orchestra

KARK KDKA KECA KFSB KGA
KGO KJR KLO KOIL KPRC KSO
KTBS KTHS KVOD KWK WABY
WAVE WBAL WBZ WBZA WCHY
WCOL WDSU WEAN WEFR WENR
WFAA WFIL WFLA WHAM WHK
WIBA WICC WIOD WIS WJAX
WJZ WKY WMAL WMPJ WMT
WOOD WOWO WPTF WREN WRD
WSGN WSM WSPD WSOC WSUN
WSYR WTAR WTMN WTMJ WWNC
WXYZ

E-10:00 p.m., C-9:00, M-8:00, P-7:00

C — Frank Crumit; Kitty Carlisle
KDAL KFAB KFBK KFH KFPY
KGKO KGL0 KGVO KRLL KOL
KMOX KNOW KNX KOH KOIN
KOL KOMA KOY KRLL KRNT
KSCJ KSF0 KSL KTRH KTSa
KTUL KVI KVOR KWKH WABC
WACO WADC WALA WBBM WBIG
WBNS WBRC WBT WCAO WCAU
WCCO WCHS WCOA WCOO WDAE
WDBJ WDOO WDNC WDOE WDRC
WEEI WEOA WFBL WFBM WGAR
WGBI WGST WHAS WHEC WHIO
WHP WIBW WIBX WISN WJAS
WJNO WJR WJSV WKBW WKBW
WKRC WLAC WLWB WMAS WMBD
WMBR WMMN WNBW WNOX WOC
WOKO WORC WPAR WPG WPRO
WQAM WREC WRVAWSBT WSPA
WSJS WTOO WWL

R — First Nighter; Drama

KDYL KFI KFYR KGW KHQ KOA
KOMO KPO KPRC KSD KSTP
KTBS KTHS KYW WAVE WBEN
WCAE WCSH WDAF WDAY WEAF
WEBC WEEI WFAA WFRB WFLA
WGY WHO WIBA WIOD WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMC WPTF WRC WRVA WSB
WSM WSMB WSOO WTAG WTAM
WTAR W TIC WTMJ WWJ WWNC

E-10:30 p.m., C-9:30, M-8:30, P-7:30

R — Jimmy Fidler

KDYL KFI KFYR KGW KHQ KOA
KOMO KPO KSD KSTP KYW WBEN
WCAE WCSH WDAF WDEL WEAF
WFRB WGY WIBA WIRE WJAR
WLW WMAQ WNAO WOW WRC
WTAG WTAM WTIC WTMJ WWJ

E-10:45 p.m., C-9:45, M-8:45, P-7:45

R — Dorothy Thompson—News

KDYL KFI KGW KHQ KOA KOMO
KPO KSD KSTP KYW WBEN WCAE
WCSH WDAF WDEL WEAF WFRB
WGY WIRE WJAR WLW WMAQ
WNAO WOW WRC WTAG WTAM
W TIC WWJ

E-11:00 p.m., C-10:00, M-9:00, P-8:00

C — Poetic Melodies, See Monday

R — Amos 'n' Andy, See Monday

E-11:15 p.m., C-10:15, M-9:15, P-8:15

C — Boake Carter, See Monday

B — Lum and Abner, See Monday

E-11:30 p.m., C-10:30, M-9:30, P-8:30

C — Hal Kemp; Alice Faye
KFBB KFPY KGMB KGVO KLZ
KNX KOH KOIN KOL KSF0 KSL
KVI KVOR

SATURDAY

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Saturday Night Swing Club
Available to Network

E-7:30 p.m., C-6:30, M-5:30, P-4:30

C — Carberundum Band
KFAB KMBC KMOX WABC WBBM
WBT WCAO WCAU WCCO WEEI
WFBL WGAR WGR WHAS WJAS
WJR WKRC WPRO

SATURDAY (Continued)

B — Uncle Jim's Question Bee
KDKA WBAZ WBZA WGY WHK
WJZ WMAQ

E-8:00 p.m., C-7:00, M-6:00, P-5:00
C — Your Unseen Friend
WABC WADC WBBM WCAU WEEI
WFBL WGAR WHCC WHP WJAS
WJR

R — "Believe-it-or-not." Ripley
KANS KDYL KFYR KGNC KOA
KPRC KSD KSTP KYW WAPI
WAVE WBAZ WBEN WCAE WCSH
WDAF WDAY WDEL WDAF WDFB
WDFC WDFR WGY WHO WIBA
WIRE WJAR WKY WLW WMAQ
WMBG WNAC WMC WQAI WOOD
WOW WPTF WRC WSB WSMB
WSOC WSPD WTAG WTAM WTAR
WTIC WTMJ WWJ

E-8:30 p.m., C-7:30, M-6:30, P-5:30
C — Johnny Presents Russ Morgan
KFAB KFH KMBC KMOX KRNT
WABC WADC WBBM WBIG WBNS
WBT WCAO WCAU WCCO WCOA
WDRG WEEI WFBL WFBM WGR
WGST WHAS WHEC WHIO WHK
WHP WISN WJAS WJR WJSV
WKRC WMBD WMBG WBNF WOC
WOKO WPRO WSBT WWVA

R — Jack Haley; Virginia Verrill
KDYL KGNC KOA KPRC KSD
KSTP KYW WAPI WAVE WBAZ
WBEN WCAE WCSH WDAF WDEL
WDAF WDFB WDFC WDFR WGY
WHO WIBA WIRE WJAR WKY
WLW WMAQ WMBG WMC WNAC
WQAI WOW WPTF WRC WSB
WSMB WSOC WSPD WTAG WTAM
WTAR WTIC WTMJ WWJ

E-9:00 p.m., C-8:00, M-7:00, P-6:00
C — Prof. Quiz
KDB KERN KFAB KFBK KFPY
KFRC KGB KHJ KLRA KLZ KMBC
KMJ KMOX KOIN KOL KOMA
KRLD KRNT KSL KTRH KTSK
KVI KWG WABC WBBM WBNS
WBT WCAO WCAU WCCO WDAE
WDBO WDRG WEAN WFBL WFBM
WJAS WJR WJSV WKBW WKRC
WMBR WOKO WQAM WREC WSPD
WVL

B — National Barn Dance
KDKA KOIL KPRC KSO KTBS
KTBS KVF WABY WAPI WAVE
WBAL WBAZ WBZ WBZA WFIL
WFLA WHK WHAM WIOD WIRE
WIS WJAX WJDX WJZ WKY WLS
WMAL WMC WMT WQAI WOOD
WPTF WREN WRVA WSB WSMB
WSOC WSUN WSUR WTAR WUNC
WXYZ

E-9:30 p.m., C-8:30, M-7:30, P-6:30
C — Saturday Night Serenade
KFAB KFH KFPY KGKO KLRA
KLZ KMBC KMOX KNOV KNX
KOIN KOL KOMA KRLD KSPD
KTRH KTSK KTUL KVI KWKH
WALA WBBM WBIG WBNS WBRG
WBT WCAO WCAU WCOA WDAE
WDBO WDOD WEEI WFBL WFBM
WGAR WGST WHAS WHEC WJAS
WJR WJSV WKBW WLAC WMBD
WMBR WMMN WNOX WOC WQAM

WREC WRVA WSFA WTOC WWL
WWVA

E-10:00 p.m., C-9:00, M-8:00, P-7:00
C — Your Hit Parade

KERN KFAB KFBK KFH KFPY
KFRC KGB KGKO KGMB KHJ
KLRA KLZ KMBC KMJ KMOX
KOH KOIN KOL KOMA KRLD
KRNT KSCJ KSL KTRH KTSK
KTUL KVI KVOR KWG KWKH
WABC WACO WADC WALA WBBM
WBIG WBNS WBRG WBT WCAO
WCAU WCCO WCOA WDAE WDBJ
WDBO WDNC WDOD WDRG WEAN
WFBL WFBM WFEA WGST WHAS
WHEC WHK WHP WIBW WIBX
WICC WISN WJAS WJR WJSV
WKBW WKRC WLAC WLBB WMAS
WMBD WMBG WMBR WNAC
WNAK WNOX WOC WOKO WORC
WPG WQAM WREC WSBT WSFA
WSJS WSPD WTOC WWL WWVA

R — NBC Symphony Orchestra
Available to entire Red and Blue
Network

E-11:00 p.m., C-10:00, M-9:00, P-8:00
B — National Barn Dance
KDYL KFI KFSD KFYR KGHL
KGIR KGU KGW KHQ KOA KOMO
KPO KSTP KTAR WDAY WDFB
WIBA WLW WTMJ

E-11:30 p.m., C-10:30, M-9:30, P-8:30
C — Johnny Presents Russ Morgan
KFBB KFPY KGVO KIRO KLZ
KNX KOIN KSFO KSL KVI KVOR

E-12:00 p.m., C-11:00, M-10:00, P-9:00
C — Professor Quiz
KFBB KFPY KIRO KNX KOH
KOIN KVO KSFO KSL KVI

R — "Believe-It-Or-Not" Ripley
KERN KFBK KFI KGW KHQ KMJ
KOMO KPO KWG

SUNDAY

E-11:30 a.m., C-10:30, M-9:30, P-8:30
C — Major Bowes' "Family"

CFRB KERN KFAB KFBK KFBK
KFBK KFH KFPY KFCR KGB KGVO
KMBC KOH KOL KRLD KSL KTRH
KTSK KVI KVOR KWG KWKH
WABC WACO WADC WALA WBNS
WBRG WCAO WCCO WDAE WDBJ
WDBO WDNC WESG WFBL WFEA
WHAS WHK WIBX WJAS WJR
WKRC WLBB WMBD WMBR
WMMN WOC WOKO WORC WPG
WQAM WSBT WSJS WSPD WTOC

E-12:30 p.m., C-11:30 a.m., M-10:30, P-9:30

C — Salt Lake Tabernacle Choir
CFRB KFAB KFBK KFBK KFBK
KFPY KFCR KGB KLZ KOH KOL
KRLD KSL KTRH KTSK KVI KVOR
KWG WABC WACO WADC WALA
WBIG WBNS WBRG WCAO WCCO
WDAE WDBJ WDBO WESG WFBL
WFEA WGR WHAS WICC WJAS
WJR WKRC WLBB WMBR WMMN
WOC WOKO WORC WQAM WSBT
WSJS WSPD WTOC

E-1:00 p.m., C-Noon, M-11:00 a.m., P-10:00

C — Church of the Air
KFBB KFH KFPY KFCR KGB
KHJ KMOX KOH KOL KOMA KRLD
KRNT KSCJ KSL KTRH KTSK KVI
KVOR KWG WABC WALA WBNS
WBT WCAO WCCO WDAE WDBJ
WDBO WDRG WESG WFBL WFBM
WGR WHAS WHP WIBX WJAS
WJSV WKBW WKRC WLAC WLBB
WMBR WBNF WOC WOKO WORC
WPG WQAM WREC WSBT WSJS
WSPD WTOC WWVA

E-1:45 p.m., C-12:45, M-11:45, P-10:45
C — Hollywood; Lloyd Pantages

KFAB KLZ KMBC KMOX KRNT
KSL WABC WBBM WCAU WCCO
WEEI WFBM WGAR WGR WHEC
WJAS WJR WORC

E-2:00 p.m., C-1:00, M-Noon, P-11:00 a.m.

B — Magic Key of RCA
CFBC CRCT KDKA KDYL KFI
KFYR KGU KGW KHQ KOA KOIL
KOMO KPO KPRC KSO KSTP KTBS
KTHS KVOO KWK WAPI WAVE
WBAL WBZ WBZA WCKY WDAY
WDFB WENR WFAA WFIL WFLA
WGAR WHAM WHIO WIBA WIOD
WIRE WIS WJAX WJDX WJZ WKY
WMAL WMC WMT WQAI WPTF
WREN WRVA WSB WSM WSMB
WSOC WSUR WTAR WTMJ WUNC
WXYZ

C — The Fun Bug
KDAL KFAB KFH KGKO KMBC
KMOX KNOV KOMA KRLD KRNT
KTSK KTUL WBBM WCCO WIBW
WISN WKBW WNAK WTAQ

E-3:00 p.m., C-2:00, M-1:00, P-Noon
C — N. Y. Philharmonic

CFRB CKAC KFAB KFBK KFH
KGKO KGVO KLRA KLZ KMBC
KMOX KNOV KOL KRLD KSCJ
KSL KTRH KTSK KWKH WABC
WADC WALA WBNS WBT WCAO
WCCO WCHS WDAE WDBJ WDBO
WDRG WEEI WESG WFBL WFBM
WHAS WHK WHP WIBW WIBX
WJAS WJR WJSV WKBW WKBW
WKBW WKRC WLAC WLBB WMAS
WMBD WMBG WMBR WMMN
WBNF WOC WOKO WORC WPAR
WPRO WQAM WSBT WSJS WTAQ
WTOC WWL

R — The Radio News Reel
KSD KSTP KYW WBEN WCAE
WCSH WDAF WDEL WDAF WDAF
WGY WHO WIRE WJAR WMAQ
WNAC WOW WRC WSAI WTAG
WTAM WTIC WWJ

E-3:30 p.m., C-2:30, M-1:30, P-12:30
R — Bicycle Party

KARK KDYL KFI KGW KHQ
KOA KOMO KPO KPRC KSTP
KYOO KYW WAPI WAVE WBEN
WCAE WDAF WDAF WFAA WFLA
WGY WHO WIOD WIRE WJAX
WLW WMAQ WMBG WMC WNAC
WQAI WOW WRC WSAI WTAG
WTAM WTIC WWJ

E-4:30 p.m., C-3:30, M-2:30, P-1:30
R — The World Is Yours; Drama
Available to Red Network

SUNDAY (Continued)

E-5:00 p.m., C-4:00, M-3:00, P-2:00

C — The Silver Theater

CFRB CKAC KFAB KFPY KLZ
KMBC KMOX KNOW KNX KOIN
KOL KOMA KRLL KRNT KRF0
KSL KTRH KTSa KTUL KVI
WABC WADC WBBM WBNS WCAO
WCAU WCCO WDAE WDRC WEEI
WGAR WGR WGST WHAS WHCC
WHIO WJAS WJR WJSV WKWB
WMBR WOKO WPRO WQAM WWL

R — Marion Talley

KDYL KFI KGW KHQ KOA KOMO
KPO KSTP KYW WBN WCAE
WC0L WCSH WDAF WDEL WFAF
WERC WFRB WGY WHO WIBA
WIRE WJAR WMAQ WNAO WOOD
WOW WRC WSAI WTAG WTAM
WTIC WTMJ WWJ

B — Metropolitan Opera Auditions

CFCE CRCT KARK KDKA KECA
KEN KFEL KFI KFSD KFYR KGA
KGR KGNK KGO KGU KJR KLO
KOIL KPRC KSO KTBS KV00
KWK WABY WAPI WAVE WBAL
WBAW WBZ WBSA WCKY WCSC
WDAY WEAN WEBR WENR WFIL
WFLA WHAM WHK WICC WIOD
WIS WJAX WJDX WJZ WKY WMAL
WMC WMT WOAI WOV WPTF
WREN WRDQ WSB WSM WSMB
WSOC WSPD WSN UNYR WTAR
WTCN WWSN WXYZ

E-5:30 p.m., C-4:30, M-3:30, P-2:30

C — Guy Lombardo and Orchestra

KFH KMBC KMOX KOMA KTUL
WAAB WABC WBNS WCAO WCAU
WDRC WEAN WFBL WFBM WGR
WHAS WHCC WTK WVBX WICC
WJR WJSV WNAS WOKO WORC
WSPD WWSA WVA

B — Smiling Ed McConnell

KANS KDKA KECA KERN KEX
KFBK KFSD KFYR KGA KGR
KGO KJR KLO KMJ KOIL KSO
KTAR KWG KWK WAVE WBAL
WBZ WBZA WCKY WCOL WDAY
WDSU WEAN WERC WEBR WENR
WFIL WHAM WHK WICC WJZ
WMAL WMT WEN WRDQ WSM
WSPD WSYR WTCN WXYZ

R — Joe Rines; Sheila Barrett

CFCE CRCT KDYL KFI KGW
KHQ KOA KOMO KPO KPRC KSD
KSTP KTBS KV00 KYW WAPI
WBAW WBN WCAE WCSH WDAF
WDEL WFAF WFRB WFLA WGY
WHO WIOD WIRE WIS WJAR
WJAX WJDX WKY WLW WMAQ
WMBG WMC WNAO WNAI WOW
WPTF WRC WSB WSMB WSOC
WTAG WTAM WTR WTIC

E-6:00 p.m., C-5:00, M-4:00, P-3:00

C — Joe Penner; Gene Austin

KFAB KFPY KGLO KLZ KMBC
KMOX KNOW KNX KOIN KOL
KOMA KRLL KRNT KRF0 KSL
KTRH KTSa KVI WABC WBBM
WBNS WBRC WBT WCAO WCAU
WCCO WDAE WDBO WDRC WEEI
WFBL WFBM WGAR WGST WHAS
WHCC WJAS WJR WJSV WKWB
WKRC WOKO WORC WPRO WQAM
WREC WRVA

E-6:30 p.m., C-5:30, M-4:30, P-3:30

C — Seymour Simon's Orchestra

KDAL KFAB KFBB KFH KFPY
KGKO KGVO KLRA KLZ KMBC
KMOX KNOW KNX KOH KOIN
KOL KOMA KOY KRLL KRNT
KSCJ KSP0 KSL KTRH KTSa
KTUL KVI KFOR KWKH WABC
WACO WADC WAIM WALA WBBM
WBIG WBNS WBRC WBT WCAO
WCAU WCCO WCHS WCOA WCOG
WDAE WDBJ WDBO WDNC WDOO
WDRC WEEI WEOA WFBL WFBM
WGAR WGBI WGST WHAS WHCC
WHIO WHP WIBW WIBX WISN
WJAS WJNO WJR WJSV WKBB
WKBH WKBN WKBW WKRC
WLAC WLJZ WNAS WMBD WMBR
WMAM WNAX WNBW WNOX WC
WOKO WORC WPAR WPG WPRO
WQAM WREC WRVA WSAT WSPA
WSJS WTAQ WTOC WWL WWVA

R — A Tale of Today

WBN WFAF WGY WJAR WMAQ
WOW WRC WTAM

E-7:00 p.m., C-6:00, M-5:00, P-4:00

C — Jeanette MacDonald

KFAB KFH KFPY KLZ KMOX
KNOW KNX KOIN KOL KOMA
KRLL KRNT KRF0 KSL KTRH
KTSa KTUL KVI KWKH WABC
WADC WBBM WBIG WBRC WBT
WCAO WCAU WCCO WDRC WEEI
WFBL WFBM WGAR WGBI WGR
WGST WHAS WHCC WHO WJAS
WJR WJSV WKRC WOKO WPRO
WREC WRVA WTOC WWL

R — Jack Benny; Mary Livingstone

KSD KYA KYW WBN WCAE
WCSH WDAF WFAF WFRB WGY
WHO WJAR WLW WMAQ WNAO
WOW WRC WTAG WTAM WTIC
WWJ

E-7:30 p.m., C-6:30, M-5:30, P-4:30

C — Phil Baker; Oscar Bradley

KLRA KLZ KRLL KTRH KTSa
KTUL KWKH WABC WACO WADC
WALA WBIG WBNS WBRC WBT
WCAO WCAU WCOA WDAE WDBJ
WDBO WDNC WDOO WDRC WEAN
WFBL WFBM WFEA WGR WGST
WHAS WHCC WHK WHP WIBX
WICC WJAS WJR WJSV WKBN
WKRC WLAC WLJZ WNAS WMBR
WNAO WNOX WOKO WORC WQAM
WRC WRVA WSAI WSJS WSMK
WSPD WTOC WWL WWVA

R — Fireside Recitals

KSD KYW WBN WCAE WCSH
WDAF WFAF WFRB WGY WIRE
WJAR WMAQ WOW WRC WSAI
WTAG WTAM WTIC WWJ

B — Ozzie Nelson; Harriet Hilliard

KARK KDKA KECA KFEL KEX
KFSD KFYR KGA KGO KJR KLO
KOIL KPRC KSO KSTP KTAR
KTBS KTHS KV00 KWK WABY
WAPI WAVE WBAL WBAW WBY
WBZA WCKY WCOL WDAY WEAN
WERC WEBR WFIL WFLA WHAM
WHK WIRA WICC WIOD WIS
WJAX WJDX WJZ WKY WLEU
WLS WMAL WMC WMT WOAI
WPTF WREN WRDQ WSB WSM
WSMB WSOC WSN UNYR WTAR
WTMJ WVMC WXYZ

E-8:00 p.m., C-7:00, M-6:00, P-5:00

C — Columbia Workshop

KFAB KFH KFPY KLRA KLZ
KMBC KMOX KNX KOIN KOL
KOM A KRLL KRNT KSCJ KSPD
KSL KTRH KTSa KTUL KVI
KWKH WABC WADC WBBM WBIT
WBNS WBAE WBT WCAO WCAU
WCCO WDAE WDBJ WDBO WDCU
WEEI WFBL WFBM WGR WGST
WHAS WHCC WHK WHP WIP
WIBX WJAS WJR WJSV WKBN
WKRC WLAC WLJZ WNAS WMBG
WMBR WNAX WNBW WNOX WOKO
WORC WPRO WQAM WREC WSAT
WWL WWVA

R — Don Ameche; Edgar Bergen

CFCE CRCT KDYL KFI KFYR
KGW KHQ KOA KOMO KPO KPRC
KSD KSTP KTAR KTBS KVOO
KYW WAVE WBN WCAE WCSH
WDAF WDAY WFAF WERC WFAA
WFRB WFLA WGY WHO WIBA
WIOD WIRE WIS WJAR WJAX
WJDX WKY WLW WMAQ WMC
WNAO WOAI WOW WPTF WRC
WRVA WSB WSM WSMB WSOC
WSUN WTAG WTAM WTR WTIC
WTMJ WWJ WWCN

B — General Motors Concert

KANS KDKA KERN KECA KFBK
KFEL KFSD KGA KGHL KGR
KGO KGU KJR KLO KMJ KOIL
KSO KVOD KWG KWK KXYZ
WABY WAGA WBAL WBCM WHOW
WBZ WBZA WCKY WCOL WDSU
WEAN WEBR WFRB WFEA WFIL
WGBF WGL WHAM WHK WICC
WJBO WJIM WJTN WJZ WLEU
WLS WMAL WMP5 WMT WORC
WR0L WRDQ WSGN WSMK WSPD
WSUN WSYR WXYZ

E-9:00 p.m., C-8:00, M-7:00, P-6:00

C — Ford Concert

CFRB CKAC KDB KERN KFAB
KFBK KFH KFPY KPRC KGB
KGKO KHJ KLRA KLZ KMBC
KMJ KMOX KOH KOIN KOL KOMA
KRLL KRNT KSCJ KSL KTRH
KTSa KTUL KVI KFOR KWG
KWKH WABC WACO WADC WALA
WBBM WBG WBNS WBRC WBT
WCAO WCAU WCCO WCOA WDAE
WDBJ WDBO WDNC WDOO WDR
WEAN WFAE WFBM WFEA WGR
WGST WHAS WHCC WHK WHP
WIBX WJAS WJR WJSV WKBN
WKRC WLAC WLJZ WNAS WMBR
WNAX WOC WOKO WORC WQAM
WREC WSAT WSPA WSJS WSPD
WTOC WWL WWVA

B — Tyrone Power; Drama

KDKA KECA KFSD KGA KGHL
KGR KGO KJR KLO KOIL KSO
KTAR KWK WBAL WBZ WBZA
WERC WEBR WENR WFIL WGAR
WHAM WICC WJZ WLW WMAL
WMT WREN WSYR WXYZ

R — Manhattan Merry-Go-Round

CFCE KDYL KFI KFYR KGW
KHQ KOA KOMO KPO KPRC KSD
KSTP KTBS KTHS KYW WAVE
WBN WCAE WCKY WCSH WDAF
WDAY WFAF WERC WEEI WFAA
WFRB WFLA WGY WHO WIBA
WIOD WIRE WIS WJAR WJAX
WJDX WKY WMAQ WMC WOAI

SUNDAY (Continued)

WOW WPTF WRC WRVA WSB
WSM WSMB WSOC WTAG WTAM
WTAR WTCM WTMJ WWJ WWCN

E-9:30 p.m., C-8:30, M-7:30, P-6:30

R — Album of Familiar Music

CFCE CRCT KDYL KFI KFYZ
KGW KHQ KOA KOMO KPO KPRC
KSD KSTP KTBS KYW WAPI
WAVE WBEN WCAE WCBS WDAF
WDAY WFAF WFBZ WFEI WFAA
WFBR WFLA WGY WHO WJAX
WIOD WIS WJAR WJAX WJDX
WKY WMAQ WMC WOAI WOW
WPTF WRC WRVA WSAI WSB
WSM WSMB WSOC WTAG WTAM
WTAR WTMJ WWJ WWCN

B — Geo. Fischer for Walter Winchell

KDKA KECA KEX KFSD KGA
KGHL KGIR KGO KJR KLO KOIL
KSO KTAR KWK WHAL WBZ
WBZA WENR WFIL WGAR WHAM

WJZ WLW WMAL WMT WREN
WSYR WXYZ

E-9:45 p.m., C-8:45, M-7:45, P-6:45

B — Irene Rich, Drama

KDKA KOIL KSO KWK WBAL
WBZ WBZA WCKY WHAN WEBBR
WENR WFIL WHAM WHK WICC
WJZ WMAL WMT WREN WSPD
WSYR WTCN WXYZ

E-10:00 p.m., C-9:00, M-8:00, P-7:00

R — Rising Musical Stars

KDYL KFI KGBX KGW KHQ KOA
KPO KPRC KSD KSTP KTAR KTBS
KTBS KYW WAVE WHAP WBEN
WCAE WSHV WDAF WFAF WFBR
WFLA WGY WHO WJAX WIOD
WIRE WIS WJAR WJAX WJDX
WKY WMAQ WMC WNAC WOAI
WOOD WOW WPTF WRC WRVA
WSB WSM WSMB WSOC WTAG
WTAM WTAR WTCM WTMJ WWJ
WWNC

E-11:00 p.m., C-10:00, M-9:00, P-8:00

B — Irene Rich, Drama

KECA KERN KEX KFBK KFSD
KGA KGO KJR KLO KMJ KVOD
KWG WAPI WAVE WJDX WMC
WSB WSM WSMB

E-11:15 p.m., C-10:15, M-9:15, P-8:15

B — Geo. Fischer for Walter Winchell

KDYL KFI KFSD KGHL KGIR
KGW KHQ KOA KOMO KPO KPRC
KTAR KTBS KTBS WAPI WAVE
WBAP WJDX WKY WMC WOAI
WSB WSM WSMB

E-11:30 p.m., C-10:30, M-9:30, P-8:30

R — Jack Benny-Mary Livingstone

KDYL KERN KFBK KFI KFSD
KGHL KGIR KGO KGW KHQ
KIDO KMJ KOA KOMO KPO KTAR
KWG

B — Tyrone Power; Drama

KARK KPRC KTBS WAPI WAVE
WBAP WJDX WKY WMC WOAI
WSB WSM WSMB

CLASSIFIED INDEX TO CHAIN PROGRAMS

Time in Eastern Standard

C—Columbia; R—National (Red); B—National (Blue); M—Mutual

COMEDY

Phil Baker, 7:30 p.m. Sun., CBS
Jack Benny-Mary Livingstone, 7 and 11:30 p.m. Sun.,
Red
Edgar Bergen-Charlie McCarthy, 8 p.m. Sun., Red
Bob Burns, 10:00 p.m. Thurs., Red
Burns and Allen, 8 and 10:30 p.m. Mon., Red
Charles Butterworth, 9:30 p.m. Tues., Red
Eddie Cantor, 8:30 and 11:30 p.m. Wed., CBS
Stuart Erwin, 9:30 p.m. Tues., CBS
Billy Franz, 2:00 p.m. Sun., CBS
Jack Haley, 8:30 p.m. Sat., Red
Arlene Harris, 9 and 12 p.m. Tues., CBS
Al Johnson, 8:30 and 11:30 p.m. Tues., CBS
Ken Murray and Oswald, 9:00 p.m. Fri., CBS
Jack Oakie, 9:30 p.m. Tues., CBS
Parkyakarkus, 8:30 and 11:30 p.m. Tues., CBS
Al Pearce, 9 and 12 p.m. Tues., CBS
Joe Penner, 6:00 p.m. Sun., CBS
Joe Rines, 5:30 p.m. Sun., Red
Pinky Tomlin, 8:30 and 11:30 p.m. Wed., CBS
Henny Youngman, 8 and 11:15 p.m. Thurs., CBS

CONCERTS

Frank Black, 2:00 p.m. Sun., Blue
Ford Sunday Evening Hour, 9:00 p.m. Sun., CBS
General Motors Concert, 8:00 p.m. Sun., Blue
Andre Kostelanetz, 9:00 p.m. Wed., CBS
Metropolitan Opera, Sat. afternoons, NBC
Met. Opera Auditions, 5:00 p.m. Sun., Blue
NBC Symphony Orchestra, 10:00 p.m. Sat., Red and
Blue
N. Y. Philharmonic, 3:00 p.m. Sun., CBS
Philadelphia Symphony, 9:00 p.m. Sun., Blue

DANCE BANDS

Robert Armbruster, 8:00 p.m. Sun., Red
Oscar Bradley, 7:30 p.m. Sun., CBS
Tommy Dorsey, 10:00 p.m. Fri., Blue
Eddie Duchin, 8:00 p.m. Wed., Blue
Ted Fio Rito, 8:30 p.m. Sat., Red
Al Goodman, 10:00 p.m. Sat., CBS

Benny Goodman, 10:00 p.m. Tues., CBS
Jimmy Grier, 6:00 p.m. Sun., CBS
Gustav Haenschen, 9:30 p.m. Sun., Red; 10:00 p.m.
Fri., CBS
Phil Harris, 7 and 11:30 p.m. Sun., Red
Carl Hoff, 9 and 12 p.m. Tues., CBS
Hal Kemp, 8:30 and 11:30 p.m. Fri., CBS
Wayne King, 8:30 p.m. Tues., Wed., Red; 10 p.m.
Mon., CBS
Benny Krueger, 8:30 p.m. Mon., CBS
Guy Lombardo, 5:30 p.m. Sun., CBS
Abe Lyman, 9:00 p.m. Fri., Red
Frankie Masters, 8:30 p.m. Tues., Blue
Jack Miller, 8 and 11:15 p.m. Thurs., CBS
Russ Morgan, 8:30 and 11:30 p.m. Sat., CBS; 8:00 p.m.
Tues., Red
Ozzie Nelson, 7:30 p.m. Sun., Blue
Ray Noble, 8 and 10:30 p.m. Mon., Red
Raymond Paige, 9:30 p.m. Tues., Red; 9:00 p.m. Fri.,
CBS
Leo Reisman, 10:00 p.m. Wed., Red
Jacques Renard, 8:30 and 11:30 p.m. Wed., CBS
Joe Rines, 5:30 p.m. Sun., Red
B. A. Rolfe, 8:00 and 12:00 p.m. Sat., Red
Harry Sauter, 8:00 p.m. Sat., CBS; 7:15 and 10:30 p.m.
Wed., CBS
Seymour Simons, 6:30 p.m. Sun., CBS
Phil Spitalny, 9:30 p.m. Mon., Red
George Stoll, 9:30 p.m. Tues., CBS
Johnny Trotter, 10:00 p.m. Thurs., Red
Rudy Vallee, 8:00 p.m. Thurs., Red
Peter Van Steeden, 9:00 p.m. Mon., Red
Don Voorhees, 8:00 p.m. Wed., CBS
Mark Warnow, 7:30 and 10:30 p.m. Thurs., CBS
Ted Weems, 9:00 p.m. Mon., Red
Meredith Willson, 9:00 p.m. Thurs., Red
Victor Young, 8:30 and 11:30 p.m. Tues., CBS

DIALOG

Amos 'n' Andy, 7:00 and 11:00 p.m. Mon. through
Fri., Red
Easy Aces, 7:00 p.m. Tues., Wed., Thurs., Blue
Fibber McGee and Molly, 9:00 p.m. Mon., Red
Lum and Abner, 7:30 and 11:15 p.m. Mon. through
Fri., Blue
Piek and Pat, 8:30 and 11:30 p.m. Mon., CBS

DRAMA

Campana's First Nighter, 10:00 p.m. Fri., Red
 Columbia Workshop, 8:00 p.m. Sun., CBS
 Death Valley Days, 8:30 p.m. Fri., Blue
 Gang Busters, 9:00 p.m. Wed., CBS
 Eddie Guest, 8:30 p.m. Tues., Blue
 Hollywood Hotel, 9:00 p.m. Fri., CBS
 Hollywood Playhouse, 9:00 and 11:30 p.m. Sun., Blue
 Lux Radio Theater, 9:00 p.m. Mon., CBS
 Helen Menken, 7:30 p.m. Tues., CBS
 One Man's Family, 8:00 p.m. Wed., Red
 Tyrone Power, 9:00 and 11:30 p.m. Sun., Blue
 Irene Rich, 9:45 and 11:00 p.m. Sun., Blue
 Edward G. Robinson, 8:00 p.m. Tues., CBS
 Rosalind Russell, 5:00 p.m. Sun., CBS
 Silver Theater, 5:00 p.m. Sun., CBS
 James Stewart, 5:00 p.m. Sun., CBS
 A Tale of Today, 6:30 p.m. Sun., Red
 Claire Trevor, 8:00 p.m. Tues., CBS
 We, The People, 7:30 and 10:30 p.m. Thurs., CBS
 Your Unseen Friend, 8:00 p.m. Sat., CBS

POPULAR PROGRAMS

American Album of Familiar Music, 9:30 p.m. Sun.
 Red
 Believe It Or Not, 8:00 and 12:00 p.m. Sat., Red
 Bicycle Party, 3:30 p.m. Sun., Red
 Major Bowes' Amateurs, 9:00 p.m. Thurs., CBS
 Major Bowes' Family, 11:30 a.m. Sun., CBS
 Brave New World, 10:30 p.m. Mon., CBS
 Carborundum Band, 7:30 p.m. Sat., CBS
 Cavalcade of America, 8:00 p.m. Wed., CBS
 Chase and Sanborn Hour, 8:00 p.m. Sun., Red
 Cities Service Concert, 8:00 p.m. Fri., Red
 Contented Program, 10:00 p.m. Mon., Red
 Death Valley Days, 8:30 p.m. Fri., Blue
 Fireside Recitals, 7:30 p.m. Sun., Red
 Fun Bug, 2:00 p.m. Sun., CBS
 Gang Busters, 10:00 p.m. Wed., CBS
 Jack Haley's Variety Show, 8:30 p.m. Sat., Red
 Hammerstein Music Hall, 8:00 p.m. Fri., CBS
 Hobby Lobby, 7:15 and 10:30 p.m. Wed., CBS
 Hollywood Mardi Gras, 9:30 p.m. Tues., Red
 Hour of Charm, 9:30 p.m. Mon., Red
 Husbands and Wives, 8:00 p.m. Tues., Blue
 It Can Be Done, 8:30 p.m. Tues., Blue
 Jello Program, 7:00 and 11:30 p.m. Sun., Red
 Johnny Presents—, 8:00 p.m. Tues., Red; 8:30 and
 11:30 p.m. Sat., CBS
 Kraft Music Hall, 10:00 p.m. Thurs., Red
 Warden Lawes, 10:00 p.m. Mon., Blue
 Lok Cabin Review, 8:30 p.m. Sat., Red
 Magic Key of RCA, 2:00 p.m. Sun., Blue
 Manhattan Merry-Go-Round, 9:00 p.m., Sun., Red
 March of Time, 8:30 p.m. Thurs., Blue
 MGM Program, 9:00 p.m. Thurs., Red
 Music From Hollywood, 8:30 and 11:30 p.m., Fri., CBS
 National Barn Dance, 9:00 and 11:00 p.m. Sat., Blue
 Jack Oakie's College, 9:30 p.m. Tues., CBS
 L. Fantaoes Covers Hollywood, 1:45 and 11:00 p.m.
 Sun., CBS
 Poetic Melodies, 7:00 and 11:00 p.m. Mon. through
 Fri., CBS
 Pontiac Varsity Show, 9:00 p.m. Fri., Blue
 Professor Quiz, 9:00 and 12:00 p.m. Sat., CBS
 Radio News Reel, 3:00 p.m. Sun., Red
 Salt Lake City Tabernacle, 12:30 p.m. Sun., CBS
 Saturday Night Serenade, 9:30 p.m. Sat., CBS
 Saturday Night Swing Club, 7:00 p.m. Sat., CBS
 Kate Smith Hour, 8:00 and 11:15 p.m. Thurs., CBS
 Songshop, 10:00 p.m. Fri., CBS
 Station E-Z-R-A, 7:15 p.m. Mon., Wed., Fri., Red
 Swing School, 10:00 p.m. Tues., CBS
 Texaco Town, 8:30 and 11:30 p.m. Wed., CBS
 Time of Your Life, 5:30 p.m. Sun., Red
 Town Hall Tonight, 9:00 p.m. Wed., Red
 True Story Court, 9:30 p.m. Fri., Red

Uncle Jim's Question Bee, 7:30 p.m. Sat., Blue
 Vanity Fair, 8:30 p.m. Mon., Blue
 Vick's Open House, 7:00 p.m. Sun., CBS
 Voice of Firestone, 8:30 p.m. Mon., Red
 Vox Pop, 9:00 p.m. Tues., Red
 Waltz Time, 9:00 p.m. Fri., Red
 Watch the Fun go By, 9:00 and 12:00 p.m. Tues., CBS
 We, The People, 7:30 and 10:30 p.m. Thurs., CBS
 Your Hit Parade, 10:00 p.m. Wed., Red; 10:00 p.m.
 Sat., CBS

SINGERS

Stuart Allen, 10:00 p.m. Sat., CBS
 Gene Austin, 6:00 p.m. Sun., CBS
 Kenny Baker, 7:00 and 11:30 p.m. Sun., Red
 Lois Bennett, 9:00 p.m. Fri., Red
 Henry Burr, 9:00 and 11:00 p.m. Sat., Blue
 Rachel Carlay, 9:00 p.m. Sun., Red
 Kitty Carlisle, 10:00 p.m. Fri., CBS
 Buddy Clark, 10:00 p.m. Wed., Red
 Jerry Cooper, 9:00 p.m. Fri., CBS
 Alice Cornett, 10:00 p.m. Fri., CBS
 Richard Crooks, 8:30 p.m. Mon., Red
 Bing Crosby, 10:00 p.m. Thurs., Red
 Frank Crumit, 10:00 p.m. Fri., CBS
 Jean Dickenson, 9:30 p.m. Sun., Red
 Deanna Durbin, 8:30 and 11:30 p.m. Wed., CBS
 Mary Eastman, 9:30 p.m. Sat., CBS
 Nelson Eddy, 8:00 p.m. Sun., Red
 Alice Faye, 8:30 and 11:30 p.m. Fri., CBS
 Sally Foster, 9:00 and 11:00 p.m. Sat., Blue
 Jack Fulton, 7:00 and 11:00 p.m. Mon. through Fri.,
 CBS
 Freddie Gibson, 10:00 p.m. Sat., CBS; 10:00 p.m.
 Wed., Red
 Harriet Hillard, 7:30 p.m. Sun., Blue
 Al Jolson, 8:30 and 11:30 p.m. Tues., CBS
 Reed Kennedy, 10:00 p.m. Fri., CBS
 Dorothy Lamour, 8:00 p.m. Sun., Red
 Frances Langford, 9:00 p.m. Fri., CBS
 Pierre Le Krecun, 9:00 p.m. Sun., Red
 Nick Lucas, 9:00 and 12:00 p.m. Tues., CBS
 Lullaby Lady, 10:00 p.m. Mon., Red
 Lulu Belle, 9:00 and 11:00 p.m. Sat., Blue
 Jeanette MacDonald, 7:00 p.m. Sun., CBS
 Helen Marshall, 7:30 p.m. Sun., Red
 Smiling Ed McConnell, 5:30 p.m. Sun., Blue
 Lucille Manners, 8:00 p.m. Fri., Red
 Tony Martin, 8:00 and 10:30 p.m. Mon., Red
 Frank Munn, 9:30 p.m. Sun., Red; 9:00 p.m. Fri., Red
 Martha Raye, 8:30 and 11:30 p.m. Tues., CBS
 Lanny Ross, 9:30 p.m. Tues., Red
 Kate Smith, 8:00 and 11:15 p.m. Thurs., CBS
 Marion Talley, 5:00 p.m. Sun., Red
 Virginia Verrill, 8:30 p.m. Sat., Red

TALKS

Boake Carter, 7:45 and 11:15 p.m. Mon., Wed., Fri.,
 CBS
 Jimmy Fidler, 10:30 p.m. Tues., Fri., Red
 George Fischer, 9:30 and 11:15 p.m. Sun., Blue
 Gabriel Heatter, 7:30 and 10:30 p.m. Thurs., CBS
 Gen. Hugh Johnson, 8:00 p.m. Mon., Thurs., Blue;
 10:00 p.m. Tues., Wed., Blue
 John B. Kennedy, 8:00 p.m. Sun., Blue
 Robert L. Ripley, 8:00 and 12:00 p.m. Sat., Red
 Sidney Skolsky, 8:30 p.m. Wed., Blue
 Deems Taylor, 9:00 p.m. Wed., CBS
 Lowell Thomas, 6:45 p.m. Mon. through Fri., Blue
 Dorothy Thompson, 10:45 p.m. Fri., Red

SHORTWAVE BROADCASTING STATIONS OF THE WORLD

Frequencies are given in megacycles. Power is given in parentheses in kilowatts. Schedules are shown in Eastern Standard Time by the 24-hour clock. All schedules daily unless otherwise noted.

1.715 to 2.000	Amateur Stations.	6.020	DJC	Berlin, Germany. (50.). 1135-1630.
2.500	XEXP Monterrey, N. L. (.03).		XEUW	Veracruz, Ver. (.02). 1800-2400.
3.500 to 4.000	Amateur Stations.	6.025	HJ1ABJ	Santa Marta, Colombia. (.05). 1800-2230.
3.040	YDA Tandjong Priok, Java, N.E.I. (10.).	6.030	HJ4ABP	Medellin, Colombia. (2.5). 1800-2300.
4.273	RV15 Khabarovsk, USSR (Siberia). (20.). 0100-1000.		HP5B	Panama City, Panama. (.1). 1700-2200.
4.600	HC2ET Guayaquil, Ecuador. Wed., Sat., 2100-2230.		OLR2B	Prague, Czecho. (35.).
4.795	VE9BK Vancouver, B. C. (.25).		VE9BJ	St. John, N. B. (.05).
4.810	YDE2 Solo, Java, N.E.I. (.1).		XEBQ	Mazatlan, Sin. (.05).
	HJ3ABD Bogota, Colombia. (.05). 1930-2400.	6.035	CXA2	Montevideo, Uruguay. (.5).
5.415	PMY Bandoeng, Java, N.E.I. (.45). 0530-1000.	6.040	PRA8	Pernambuco, Brazil. (3.). 1500-2000.
5.500	TI5HH San Ramon, Costa Rica. (.2). 2000-2330.		W1XAL	Boston, Mass. (10.). Daily exc. Sat., 1900-2100.
5.710	TGS Guatemala City, Guat. (.2). Wed., Thurs., Sat., 1800-2100.		W4XB	Miami, Fla. (5.).
5.725	HC1PM Quito, Ecuador. Sat., 2100-2300.	6.042	HJ1ABG	Barranquilla, Colombia. (.15). 1100-2300.
5.758	YNOP Managua, Nicaragua. 2000-2130.	6.050	GSA	Daventry, Gt. Britain. (20.).
5.775	YV2RA San Cristobal, Venez. 1800-2330.	6.060	VQ7LO	Nairobi, Kenya. 1100-2430.
5.780	OAX4D Lima, Peru. (3.5). Mon., Wed., Sat., 2100-2330.		W3XAU	Philadelphia, Pa. (10.). 2000-2300.
5.800	YV5RC Caracas, Venez. (1.). Sun., 0830-2330. Weekdays 0700-2230.		W8XAL	Cincinnati, Ohio. (10.). Daily 2300-0200. Sun. 0800-2000. Weekdays 0600-2000.
5.820	TIGPH San Jose, Costa Rica. 1100-1300; 1800-2200.	6.062	SBG	Motala, Sweden. (.5). 1330-1700.
5.850	YV1RB Maracaibo, Venez. Sun., 1145-1245. Weekdays 0845-0945; 1115-1215; 1645-2145.	6.065	XEXR	Mexico City, D. F.
5.855	H11J San Pedro de Macoris, D. R. (.04). 1200-1400; 1830-2100.	6.069	.....	Johannesburg, Union of S. Africa (5.). 2345-0030.
5.875	HRN Tegucigalpa, Honduras. (.4). Sun., 2030-2130. Weekdays 2030-2200.	6.070	CFRX	Toronto, Ont. (1.). 1000-2300.
5.880	YV3RB Barquisimeto, Venez. 1800-2200.		HJ3ABF	Bogota, Colombia. (.05). 1900-2230.
5.885	H19B Santiago, D. R. 1800-2300.		YV1RD	Maracaibo, Venez. 1900-2400.
5.905	TILS San Jose, Costa Rica. 1800-2300.	6.075	VP3MR	Georgetown, Brt. Guiana. 1700-2100.
5.910	HH2S Port-au-Prince, Haiti. 1900-2200.		XEBW	Guadalajara, Jal. (.045).
5.915	YV4RH Valencia, Venez. 1700-0100.		XECU	Guadalajara, Jal.
5.930	PJC1 Willemstad, Curacao, N.W.I. (.15). 1835-2035.	6.080	DJM	Berlin, Germany. (50.).
	YV1RL Maracaibo, Venez. (.3). 1700-2230.		HP5F	Colon, Panama.
5.940	TG2X Guatemala City, Guat. (.2). Sun., 1300-1400; Mon., Thurs., Sat., 1600-1800; 2200-2400.		VE5CS	Vancouver, B. C. (.01). 1400-2400.
5.970	HJ4ABD Medellin, Colombia. 2000-2230.		W9XAA	Chicago, Ill. (20.). Daily 1900-2200. Weekdays 0600-0730.
5.980	HJ2ABD Bucaramanga, Colombia. (.67). 1900-2300.	6.082	OAX4Z	Lima, Peru. (10.). 1900-2330.
6.000	OAX5C Ica, Peru. (.1).	6.885	HJ5ABD	Call, Colombia. 1900-2200.
	XEBT Mexico City, D. F. (1.). 1800-2400.	6.090	CRCX	Toronto, Ont. (1.). 1100-1900.
6.005	CFCX Montreal, P. Q. (.075). 0700-2400.		HJ4ABC	Ibague, Colombia. 2000-2200.
	HP5K Colon, Panama. 1800-2300.	6.097	HJ4ABE	Medellin, Colombia. (1.). 1800-2230.
	VE9DN Montreal, P. Q. (6.).	6.100	W3XAL	Bound Brook, N. J. (35.). 2115-0100.
6.010	COCO Rangoon, Burma.		W9XF	Chicago, Ill. (10.). 1700-2005.
	Havana, Cuba. (.3). Sun. 2000-2200. Weekdays 1030-1300; 1600-2000.		.....	Belgrade, Yugoslavia. (1.). 1200-1700.
	OLR2A Prague, Czechoslovakia. (35.). Mon., Wed., Fri., 1600-1630.	6.108	HJ4ABB	Manizales, Colombia. 1800-2400.
	.....	6.110	GSL	London, Gt. Britain. (20.).
	Salgon, French Indo-China.	6.115	HJ1ABB	Barranquilla, Colombia. (.3).
6.012	HJ3ABH Bogota, Colombia. (1.2). 1800-2300.	6.118	XEUZ	Prague, Czecho. (35.).
6.015	H13U Santiago de los Caballeros, D. R. (.025). Mon. 2000-2100. Daily 0730-0930; 1200-1430; 1700-1930.	6.120	W2XE	Mexico City, D. F. (5.). 2300-0300.
	XEWI Mexico City, D. F.		XEFT	New York, N. Y. (10.).
			XEPW	Veracruz, Ver. (.012).
			YDA5	Mexico City, D. F. 2100-2400.
		6.122	HJ3ABX	Bandoeng, Java, N.E.I. (1.5).
			OAX4P	Bogota, Colombia. 1730-2230.
			OAX6A	Huancayo, Peru. (.25).
		6.125	CXA4	Arequipa, Peru. (1.).
			.....	Montevideo, Uruguay. (1.). 1600-2145.
		6.128	OAX7A	Cuzco, Peru. (1.).
		6.130	COC D	Havana, Cuba. (.35). 1700-0100
			VE9HX	Halifax, N. S. (5.). 1700-2300.
		6.137	CR7AA	Lourenco Marques, Port. East Africa. Sun. 0600-0900. Weekdays 0500-0700.

SHORTWAVE BROADCASTING STATIONS OF THE WORLD

6.138	HJ4ABD	Medellin, Colombia.	6.850	TIOW	Puerto Limon, Costa Rica. (.4). Sun., 1600-1700. Daily 1200-1300.
6.140	W8XK	Pittsburgh, Pa. (40.). 2200-sign off.	6.990	VK8X1	Port Moresby, Papua.
6.145	HJ6ABA	Pereira, Colombia. 1800-2200.	7.000	to 7.300	Amateur stations.
6.150	CB615	Santiago, Chile.	7.100	FO8AA	Papeete, Tahiti. (.2). Tues., Fri., 2300-2400.
	CJRO	Winnipeg, Man. (.2.). 1800-2400.	7.200	YNAM	Managua, Nicaragua. 2000-2400.
	H15N	Ciudad Moca, D. R. (.1). 1900-2000.	7.380	XECR	Mexico City, D. F. (20.). Sun., 1800-2000.
6.158	YV5RD	Colombo, Ceylon. (.3). 0700-1030.	.....	.....	Radio Liberte. 1900-2000.
		Caracas, Venez. 1030-1330; 1530-2200.	7.625	.....	Johannesburg, U. of S. Africa. (5.). 2345-0030.
6.174	XEXA	Mexico City, D. F. 1700-2100.	7.797	HBP	Geneva, Switz. (20.). Sat., 1730-1830.
6.190	H11A	Santiago de los Caballeros, D. R. (.05). Weekdays 2000-2200.	7.894	YSD	San Salvador, E. S. 2100-2230.
6.200	COKG	Santiago, Cuba. (.05). Daily exc. Sat. 0900-2300.	8.400	HC2CW	Guayaquil, Ecuador.
	H18Q	Trujillo, D. R. 1700-1900.	8.600	HC1EC	Quito, Ecuador.
	XEXS	Mexico City, D. F.	8.650	YN1PR	Managua, Nicaragua.
6.210	YV1R1	Coro, Venez. (.15). 1700-2200.	8.655	W10XDA	Effie M. Morrissey. (.1).
6.215	TG2	Guatemala City, Guat.	8.665	COJK	Camaguey, Cuba. (2.4). 1800-0100.
6.230	OAX4G	Lima, Peru. (.4). 1900-2130.	8.950	HCJB	Quito, Ecuador. (.15). Mon., Wed., Sat., 0200-0400; 1300-1500.
	YV1RG	Valera, Venez. 1730-1930.	9.030	COBZ	Havana, Cuba.
6.235	HC2RL	Guayaquil, Ecuador.	9.100	COBX	Havana, Cuba.
	HRD	La Ceiba, Honduras. (.25). 2000-2300.	9.125	HAT4	Budapest, Hungary. (20.). Sun., Wed., 1900-2000. Sat., 1800-1900.
6.243	H1N	Trujillo, D. R. (.75).	9.330	OAX4J	Lima, Peru. (.2). 1200-1500; 1700-0100.
6.250	YV5RJ	Caracas, Venez.	9.345	HLB	Geneva, Switz. (20.). Daily exc. Sat., 1930-1945.
6.270	YV5RP	Caracas, Venez. (1.2).	9.350	HS8PJ	Bangkok, Siam. Mon., Thurs., 0730-1000.
6.280	COHB	Sancti-Spiritus, Cuba. (.15). 2100-2300.	9.363	COBC	Havana, Cuba.
	H1G	Trujillo, D. R. (.05).	9.415	PJC2	Willemstad, Curacao, N.W.I.
6.300	YV4RD	Maracay, Venez. 1700-2300.	PLV	Bandoeng, Java, N.E.I. (80.). 1000-1100.	
6.312	ZP14	Villarrica, Paraguay (1.). 1100-1700.	9.428	COCH	Havana, Cuba. (.15). 0700-0100.
6.315	H1Z	Trujillo, D. R. (.1).	9.445	HC2RA	Guayaquil, Ecuador. Sun. 1600-2200. Daily 2100-2200.
6.330	COCW	Havana, Cuba. 0700-2400.	9.450	HC20DA	Guayaquil, Ecuador. 2100-2200.
6.340	H11X	Trujillo, D. R. (.5). Tues., Fri., 2000-2200.	TGWA	Guatemala City, Guat. (.2). Sun 0000-0600. Daily 2000-2400.	
	OAX1A	Chiclayo, Peru. (.2). 2000-2300. Sat. 2000-2400.	9.460	XG0X	Nanking, China. (.5).
6.350	HRP1	San Pedro Sula, Honduras.	9.470	PJC1	Willemstad, Curacao, N.W.I. (.15). Sun. 1035-1235.
6.360	YV1RH	Maracaibo, Venez. 1900-2400.	9.480	EAR	Madrid, Spain. (20.). Mon. at 2000; Tues., Fri. at 2100.
6.380	YV5RF	Caracas, Venezuela.	XEDQ	Guadalajara, Jal. 1900-0100.	
6.400	YV5RH	Caracas, Venezuela.	9.500	EAC	Madrid, Spain.
6.410	TIPG	San Jose, Costa Rica. (1.). 1800-2230.	HJ1ABE	Cartagena, Colombia. 1700-1800; 2000-2230.	
6.416	YV6RC	Bollvar, Venez.	XEWW	Mexico City, D. F. (10.). 0800-2400.	
6.420	H11S	Santiago, D. R. (.02). 1800-2300.	9.501	PRF5	Rio de Janeiro, Brazil. (60.). 1645-1745.
6.425	OAX4K	Lima, Peru. (.2).	9.504	OLR3B	Prague, Czecho. (35.).
	W3XL	Bound Brook, N. J. (100.). Irrreg.	9.505	TILS	San Jose, Costa Rica.
	W10XDA	Effie M. Morrissey (1).	XEFT	Veracruz, Ver. (.02). 1930-2400.	
6.450	H14V	San Francisco de Macoris, D. R. (.025).	9.510	GSB	Daventry, Gt. Britain. (20.). 0315-0530; 1220-1545; 1600-2030; 2100-2300.
6.460	CDCA	Havana, Cuba.	HJU	Buenaventura, Colombia. Mon., Wed., Fri. 2000-2300.	
6.479	H18A	Trujillo, D. R.	HS8PJ	Bangkok, Siam. Mon., Thurs., 0800-1000.	
6.485	H11L	Santiago de los Caballeros, D. R. "Emisora Nacional." ?-1900; 2000-2100.	VK3ME	Melbourne, Australia. (5.). Week-days 0400-0700.	
6.479	H18A	Trujillo, D. R.	9.520	HJ4ABH	Armenia, Colombia. (1.). 0800-1100; 1800-2200.
6.500	H1L	Trujillo, D. R. (.05).	OZF	Copenhagen, Denmark. 1480-1815.	
	YV1RM	Maracaibo, Venez.	XEME	Merida, Yuc. (.015).	
6.508	Radio	Guardia Civil, Tetuan, Sp. Morocco. 1900-2080.	Y5H	San Salvador, E. S.	
6.520	YV4RB	Valencia, Venezuela. 1700-2200.	.....	Radio Liberte. 1900-2000.	
6.534	EDR4	Palma, Majorca, Balearic Isl.	9.525	ZBW3	Hong Kong. (2.5). Sat. 2100-2400. Sun. 0000-0100; 0300-0930. Other days 0400-1000; 2330-0100.
6.540	YN1GG	Managua, Nicaragua.	9.530	LKJ1	Jeloy, Norway. (1.). 0500-0800.
6.545	YV6RB	Bollvar, Venez. 2100-2300.	W2XAF	Schenectady, N. Y. (40.). Sat. 1200-2400. Other days 1600-2400.	
6.550	T1RC	San Jose, Costa Rica. (.5). Tues., Thurs., Sat. 1700-1800.	9.535	IZ1	Nazaki, Japan. (50.).
6.555	H14D	Trujillo, D. R. (.025). 1700-2000.			
6.622	Prado	Rio Bamba, Ecuador. Thur. 2100-2300.			
6.630	H1T	Trujillo, D. R. (.2). Weekdays, 1800-2100.			
6.690	T1EP	San Jose, Costa Rica. 1680-2300.			
6.700	T1VL	San Jose, Costa Rica.			
6.730	H13C	La Romana, D. R. 1745-2000.			
6.775	H1H	San Pedro de Macoris, D. R. (.15). 1900-2000.			
6.800	H17P	Trujillo, D. R. 1930-2100.			
6.820	XG0X	Nanking, China. (.5). 0530-0900.			

SHORTWAVE BROADCASTING STATIONS OF THE WORLD

9.536	VPD2	Suva, Fiji. (2.). 0530-0700.	10.430	.....	Pirate station announcing "Radio Milan."
9.540	DJN	Berlin, Germany. (50.). 0005-1100; 1650-2245.	10.530	JIB	Taihoku, Taiwan. (6.). 0900-1030.
9.550	OLR3A	Prague, Czecho. (35.). 1430-1630.	10.660	JVN	Nazaki, Japan. (50.).
9.560	DJA	Berlin, Germany. (50.). 0005-1100; 1650-2245.	10.670	CEC	Santiago, Chile. (4.).
	HJ1ABB	Barranquilla, Colombia. (.3).	10.740	JVM	Nazaki, Japan. (50.).
	YDB	Sourabaya I, Java, N.E.I. (1.).	10.823	"Radio Nacional,"	Salamanca, Spain. 1630-1800.
9.562	OAX4T	Lima, Peru. (10.). 1130-1330.	10.955	HS8PJ	Bangkok, Siam. (5.).
9.565	VUB	Bombay, India. (4.5).	11.000	PLP	Bandoeng, Java, N.E.I. (1.5).
	YV3RB	Barquisimeto, Venez.	11.040	CSW	Lisbon, Portugal. (5.). 1500-1900.
9.570	KZRM	Manila, P. I. 0400-1000.	11.402	HBO	Geneva, Switz. Sat. 1845-2030.
	W1XK	Boston, Mass. (10.). Sun. 0800-0100. Weekdays 0600-0100.	11.450	COCX	Havana, Cuba. Sun. 1800-2100. Other days 0800-2400.
	W8XK	Pittsburgh, Pa. (40.). (Not used).	11.698	SBG	Motala, Sweden. (.5). 0100-0130.
9.575	HJ2ABC	Cucuta, Colombia. (.25).	11.700	CB1170	Santiago, Chile. 1000-1400; 1530-2300.
9.580	GSC	Daventry, Gt. Britain. (20.). 2100-2300.		HP5A	Panama City, Pan. (.5). 2000-2330. Saigon, Fr. Indo-China. 0500-1100.
	VK3LR	Melbourne, Australia. (.5). 0100-0945.	11.710	XEWB	Guadalajara, Jal.
9.590	PCJ	Hulzen, Netherlands. (20.). Sun. 1400-1500; 1900-2000; Tues., 1900-2130; Tues., Wed., 1300-1530; Wed., 2000-2230; Thurs., 2100-2300.	11.718	YSM	San Salvador, E. S.
	VK2ME	Sydney, Australia. (20.). Sun., 0000-0200; 0430-0830; 1030-1230.	11.720	CR7BH	Lourenco Marques, Port. East Africa. (.2). Sun. 0530-0700. Other days 0430-0630.
	VK6ME	Perth, Australia. (5.). Weekdays 0600-0800.	11.720	CJRX	Winnipeg, Man. (2.). 1800-2400.
	W2XE	New York, N. Y.	11.730	TPA4	Pontoise, France. 0615-1300.
	W3XAU	Philadelphia, Pa. (10.). 1200-2000; Thurs., 2200-2300.	11.730	PHI	Hilversum, Netherlands. (23.6). Sun., Wed., 2000-2100.
	W8XAL	Cincinnati, Ohio. (10.). (Under construction).		XETM	Villahermosa, Tab.
9.595	HBL	Geneva, Switzerland. (18.). Sat. 1730-1830.	11.740	HP5L	David, Panama. (.35).
9.600	RAN	Moscow, USSR. 1900-2115.	11.750	GSD	Daventry, Gt. Britain. (20.). 0315-0530; 1045-1200; 1220-1545; 1800-2030; 2100-2300.
	CB960	Santiago, Chile. 1800-1930.	11.760	OLR4B	Prague, Czecho. (35.).
	XEYU	Mexico City, D. F. 1900-2200.	11.770	TGWA	Guatemala City, Guat. (10.). Mon., Thurs., 2000-2200.
9.605	HP5J	Panama City, Panama. (1.). 1830-2300.	11.770	DJD	Berlin, Germany. (50.). 1135-1630; 1650-2245.
9.618	HJ1ABP	Cartagena, Colombia. (.75). 1700-2300.	11.790	CJRX	Winnipeg, Man. (2.). 1800-2400.
9.625	.....	Johannesburg, U. of S. Africa (5.). 2345-0030.	11.796	W1XAL	Boston, Mass. (10.). Sat. 1345-1830. Other days 1645-1830.
9.630	HJ7ABD	Bucaramanga, Colombia. "Radio Bucaramanga."	11.795	DJO	Berlin, Germany. (8.).
	.....	Taihoku, Taiwan. 0430-1030.	11.796	OAX5A	Ica, Peru. (1.). 1200-1600; 1900-2330.
9.635	I2RO	Rome, Italy. (25.).	11.800	COGF	Matanzas, Cuba. (1.). 1300-1600; 1800-2200.
9.640	CXA8	Montevideo, Uruguay. 0700-2400.		JZJ	Nazaki, Japan. (50.). 1500-1600; 1630-1730; 0800-0900.
	TGWA	Guatemala City, Guat. (10.). Unknown (Spanish). Sat. 2300-0200.	11.805	OER2	Vienna, Austria. (1.5). Weekdays 0900-1800.
9.645	HH3W	Port-au-Prince, Haiti. (.03). 1300-1400; 1900-2000.	11.810	I2RO	Copenhagen, Denmark. 1830-2100. Rome, Italy. (25.). Sun. 0645-1730. Mon., Wed., Fri. 0645-1930. Tues., Thurs., Sat. 0645-1945.
9.650	CT1AA	Lisbon, Portugal. (2.). Tues., Thurs., Sat., 1600-1900.	11.820	GSN	Daventry, Gt. Britain.
9.660	CR6AA	Lobito, Angola, Port. West Africa. (.5). Wed., Sat., 1445-1845.	11.830	XEBR	Hermosillo, Son. (.15). 2100-2400.
	LRX	Buenos Aires, Argentina. (5.). 1030-2430.		KZRM	Manila, P. I.
9.670	TI4NRH	Heredia, Costa Rica. 2100-2200; 2330-2400.		W2XE	New York, N. Y. (10.). Daily 1830-1900. Sun. 1900-2400.
9.730	.....	"Radio Martinique," Fort de Havana, Mart. 1845-1945.	11.840	WSXAA	Chicago, Ill. (20.).
9.750	COCQ	Havana, Cuba. 0700-0100.		CSW	Lisbon, Portugal. (5.).
9.860	EAQ	Madrid, Spain. (20.).	11.855	KZRM	Manila, P. I. 0400-1000.
9.925	JDY	Darien, Manchukuo. 0715-0800.	11.870	OLR4A	Prague, Czecho. (35.). Mon., Thurs., 1900-2100. Daily 1400-1415.
9.940	CSW	Lisbon, Portugal. (5.). 1900-2000.	11.875	DJP	Berlin, Germany. (50.).
10.065	CQN	Macau, Portuguese China.	11.880	GSE	Daventry, Gt. Britain. (20.).
10.070	.....	Communist Statlan.	11.875	YDB	Soerabaya I, Java, N.E.I. (1.).
10.260	PMN	Bandoeng, Java, N.E.I. (1.5). 0530-1100.	11.875	W8XK	Pittsburgh, Pa. (40.). 1900-2200.
10.330	ORK	Brussels, Belgium. (11.). 1330-1500.	11.880	OLR4C	Prague, Czecho. (35.).
10.370	EAJ43	Santa Cruz de Tenerife, Canary Isl. 2000-2100.	11.880	XEXA	Mexico City, D. F. (1.).
	.....	"Radio Nacional," Salamanca, Spain. 1700-1825; 2000-2045.	11.885	TPA3	Pontoise, France. 0200-0500; 1215-1800.
			11.895	HP5I	Aguadulce, Panama. 1930-2130.
			11.900	XEXR	Mexico City, D. F.
			11.900	CD1190	Valdivia, Chile. 1000-1300; 1900-2200.
				OLRAD	Prague, Czecho. (35.).
				XEWI	Mexico City, D. F. (.25). 1930-2400.
			11.955	IUC	Addis Ababa, Ethiopia.

SHORTWAVE BROADCASTING STATIONS OF THE WORLD

11.960	HI2X	Trujillo, D. R. (.5). Tues., Fri., 2000-2200. Sun. 0740-1040.	15.300	XEBM	Mazatlan, Sin. 1000-2300.
12.000	RNE	Moscow, USSR. (20.). Sun. 1000-1100. Sun., Wed., 0600-0700. Sun., Mon., Wed., Fri., 1600-1700.	15.310	GSP	Daventry, Gt. Britain. 1600-2030.
12.120	.....	Algiers, Algeria.	15.320	OLR5B	Prague, Czecho. (35.).
12.235	TFJ	Reykjavik, Iceland. (7.5). Sun., 1345-1430.	15.330	W2XAD	Schenectady, N. Y. (25.). 1100-2100.
12.290	GBU	Rugby, Gt. Britain.	15.340	DJR	Berlin, Germany. (50.). 0800-0900; 1650-2245.
12.295	CB615	Santiago, Chile.	15.370	HAS3	Budapest, Hungary. (20.). Sun. 0900-1000.
12.500	HIN	Trujillo, D. R. (.75).	15.440	XEBM	Mazatlan, Sin. (.05). 1000-2300.
13.635	SPW	Warsaw, Poland. (10.). Mon., Wed., Fri., 1230-1330.	15.555	CO9WX	Tulnicu, Cuba. (2.).
13.986	DJS	Berlin, Germany. (20.).	17.310	W3XL	Bound Brook, N. J. (20.).
14.000 to 14.400		Amateur Stations.	17.760	DJE	Berlin, Germany. (50.). Sun. 1110-1225. Daily 0005-1100.
14.400	UPOL	North Pole. 1400-1605.	17.770	W2XE	New York, N. Y. (10.). 1830-2000.
14.535	HBJ	Geneva, Switz. Sat. 1845-2100.		PHI	Hilversum, Netherlands. (23.6). Sun., 0725-1025. Wed. 0800-1030. Mon., Tues., Thurs., Fri., 0825-1000. Sat. 0825-1040.
14.900	LZA	Sofia, Bulgaria.	17.780	W3XAL	Bound Brook, N. J. (35.). Sun., 0900-1200; 1215-1845; 1900-2100. Weekdays 0900-1845; 1900-2100.
15.040	RKI	Moscow, USSR. 1900-2115.		W8XK	Pittsburgh, Pa. (40.).
15.110	DJL	Berlin, Germany. (50.). 0000-0200; 0800-0900; 1135-1630. Sun., 0600-0800.		W9XAA	Chicago, Ill. (5.).
15.116	OLR5C	Prague, Czecho. (35.).		W9XF	Chicago, Ill. (10.).
15.120	HVJ	Vatican City. (10.). 1000-1030.	17.790	GSG	Daventry, Gt. Britain. (15.). 0315-0530; 0545-0855; 0915-1200; 1220-1545.
15.140	GSF	Daventry, Gt. Britain. (15.). 0915-1200; 1600-1800.		H8BPJ	Bangkok, Siam.
15.150	YDC	Bandoeng, Java, N.E.I. (3.).	19.020	OLR6A	Prague, Czecho. (35.).
15.160	JZK	Nazaki, Japan. (50.). 0030-0130; 0800-0900; 1500-1600; 1630-1730.	21.450	W1XAL	Boston, Mass. (10.).
	XEWVW	Mexico City, D. F. (10.).	21.470	GSH	Daventry, Gt. Britain. 0545-0855; 0915-1200.
15.170	CXA14	Montevideo, Uruguay.	21.480	W2XAD	Schenectady, N. Y. (25.).
15.175	RV96	Moscow, USSR.	21.520	W2XE	New York, N. Y. (10.). Sat., Sun., 0800-1300; Other days 0730-1000.
15.180	GSO	Daventry, Gt. Britain. 0315-0530; 0545-0855; 1600-1800.	21.530	W3XAU	Philadelphia, Pa.
15.200	DJB	Berlin, Germany. (8.). Sun. 1110-1225. Daily 0005-1100; 1650-2245.		GSJ	Daventry, Gt. Britain. 0545-0855; 0915-1030.
15.210	W8XK	Pittsburgh, Pa. (40.). 0900-1900.	21.540	W8XK	Pittsburgh, Pa. (40.). 0700-0900.
15.220	PCJ	Huizen, Netherlands. (20.). Tues. 0500-0630. Wed. 0800-1030.	21.550	GST	Daventry, Gt. Britain.
15.230	OLR5A	Prague, Czecho. (35.). 0930-1130.	25.950	W4XH	Spartanburg, S. C. (.05) (WSPA).
15.243	TPA2	Pontoise, France. 0600-1100.		W6XKG	Los Angeles, Calif. (.1) (KGFFJ). 24 hours daily.
15.250	W1XAL	Boston, Mass. (10.). Sun. 1100-1200.		W9XUP	St. Paul, Minn. (1.) (KSTP).
15.260	GSI	Daventry, Gt. Britain. 1220-1545; 2100-2300.	26.100	GSK	Daventry, Gt. Britain.
15.270	HI3X W2XE	Trujillo, D. R. (.5). Sun., 0800-1100. New York, N. Y. (10.). Sat., Sun. 1430-1800; 2000-2400. Mon. through Fri. 1300-1800; 2030-2400.	26.400	W9XJL	Superior, Wis. (.08) (WECB).
15.280	DJQ	Berlin, Germany. (50.). Sun. 1110-1225. Daily 0005-0515; 0600-0800; 0815-1100; 1650-2245.		W9XAZ	Milwaukee, Wis. (.5) (WTMJ). 1300-2400.
15.290	LRU	Buenos Aires, Arg. (5.). 0800-1000.	26.550	W2XQQ	Flushing, N. Y. (.1) (WMCA).
			27.100	W10XDA	Effe, M. Morrissey (.1).
			28.000 to 30.000		Amateurs.
			56.000 to 60.000		Amateurs.
			110.000 to infinity.		Amateurs.

Rudy Vallee, rated as one of the wealthiest of entertainers, has been careful in money matters ever since he started making an income. The first thing he did after organizing his first orchestra at Yale was to open a savings account for the profits from his college dance engagements. Throughout his career the NBC headliner has never neglected his bank reserves.

Most shortwave listeners are familiar with Big Ben, and most listeners also are aware that it is a good time signal and that it gives the correct Greenwich hour upon the first stroke after the Westminster chimes. But few persons know that Big Ben is also good to use as a piano tuner. The strokes of the hour are in the correct "A" pitch.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

KEY TO SYMBOLS

Frequency is given in kilocycles; wave lengths in meters. Night power is shown in watts in third column. Daytime power is shown in parentheses in fourth column in kilowatts, thus (.25) indicating 250 watts. Some stations outside the United States use a "split frequency." Their exact frequency is shown in fourth column.

Second Column Symbols	n	Weather or time only.	R	National "Red" network.	
a	Verifies reception for return postage.	z	No information available.	S	Sunday only.
b	Verifies only occasionally.	Fourth Column Symbols	Sy	Synchronized.	
c	Does not verify.	B	National "Blue" network.	X	Has permit to increase power.
d	Verification 10c; letter 25c.	C	Columbia network.	Y	Has permit to change location.
h	Sends own station stamp for 10c.	D	Day time only.	Z	Has permit to change frequency.
i	Sends own station stamp for 5c.	Dn	Day time with occasional evening hours.	a-b-c.	Small letters show stations using same transmitter.
j	Sends own station stamp for postage.	F	Canadian Brdcastg. Corp.	1-2-3.	Figures denote stations sharing time.
k	Has no stamps.	M	Mutual Brdcastg. Sys.	....	No information.
m	Verifies for 5c.	N	National "Red" and "Blue" networks.		
		P	Has construction permit only.		

540 kcys. (555.2)

CJRM ak 1000 F Regina, Sask.

—J. Richardson & Sons, Ltd.

550 kcys. (545.1)

CFNB	mk	500	F (1)	Fredericton, N. B.
KFUO	ak	500	2 (1)	St. Louis, Mo.
KFYR	ak	1000	N (5)	Bismarck, N. Dak.
KOAC	ak	1000	..	Corvallis, Ore.
KSD	ak	1000	2R (5)	St. Louis, Mo.
KTSA	ak	1000	C (5)	San Antonio, Tex.
WDEV	ak	500	D	Waterbury, Vt.
WGR	ak	1000	C (5)	Buffalo, N. Y.
WKRC	ak	1000	C (5)	Cincinnati, Ohio
WVA	ak	500	D	Harrisonburg, Va.
XEFC	ak	100	....	Merida, Yuc.

- James S. Neill & Sons, York St.
- Evangelical Luth. Synod 801 DeMun St.
- Meyer Brdcastg. Co., 320 Broadway
- State Agricultural Col.
- St. L. Post-Dispatch.
- KTSA Brdcastg. Co.
- Chas. B. Adams, Adm.
- Buffalo Brdcastg. Corp., Rand Bldg.
- Columbia Brdcastg. Sys., Hotel Alms
- Shenandoah Valley Brdcastg. Corp.
- Julio Molina Font., Calle 59, No. 517

560 kcys. (535.4)

KFDM	ak	500	(1) B	Beaumont, Texas
KLZ	ak	1000	C (5)	Denver, Colo.
KSFO	ak	1000	C (5)	San Francisco, Cal.
KWTO	ak	5000	D	Springfield, Mo.
WFIL	ak	1000	BM	Philadelphia, Pa.
WIND	ak	1000	(5)	Gary, Ind.
WIS	ak	1000	N (5)	Columbia, S. C.
WQAM	ak	1000	C	Miami, Fla.

- Sabine Brdcastg. Co., Inc., Box 2950
- KLZ Brdcastg. Co., Shirley-Savoy Hotel
- Associated Brdcasters, Inc., Russ Bldg.
- Ozarks Brdcastg. Co., St. Louis at Kimbrough
- WFIL Brdcastg. Co., Pub. Ledger Bldg.
- Johnson-Kennedy Radio Corp.
- Station WIS, Inc., 1811 Main St.
- Miami Brdcastg. Co., 327—1st Ave.

570 kcys. (526.0)

CMCY	ak	5000	....	Havana, Cuba
KCKO	ak	250	GY (1)	Wichita Falls, Tex.
KMTR	ak	1000	....	Los Angeles, Calif.
KVI	ak	1000	C (5)	Tacoma, Wash.
WKBN	ak	500	C1	Youngstown, Ohio
WBCA	ak	1000	....	New York, N. Y.
WNAX	ak	1000	C (5)	Yankton, S. Dak.
WOSU	ak	750	1 (1)	Columbus, Ohio
WSYR	ak	1000	B (WSYU)	Syracuse, N. Y.
WWNC	ak	1000	N	Asheville, N. C.

- Outran Cia., los Presidentes 215.
- Ft. Worth Star-Telegram.
- KMTR Radio Corp., 915 N. Formosa
- Puget Sound Brdcastg. Co., Rust Bldg.
- WKBN Brdcastg. Corp., 17 N. Champion
- Knickerbocker Brdcastg. Co., 1697 Broadway
- WNAX Brdcastg. Co., 2nd and Capitol
- Ohio State University
- Central N. Y. Brdcastg. Corp.
- Citizen-Times Co., Inc.

580 kcys. (516.9)

CFPR	ak	50	....	Prince Rupert, B. C.
CHRC	ak	100	....	Quebec, P. Q.
CKCL	ak	100	F	Toronto, Ont.
CKUA	ak	500	....	Edmonton, Alta.
KMJ	ak	1000	N	Fresno, Calif.

- Felix E. Batt, Box 132
- CHRC, Ltd., Victoria Hotel
- Dominion Battery Co., Ltd.
- University of Alta.
- McClatchey Brdcastg. Co.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

KSAC	ak	500	2 (1)	Manhattan, Kans.	—State College of Agriculture.
WCHS	ak	500	C (1)	Charleston, W. Va.	—Charleston Brdcstg. Co., 223½ Capitol
WDBO	ak	1000	C	Orlando, Fla.	—Orlando Brdcstg. Co., Inc.
WIBW	ak	1000	2C (5)	Topeka, Kans.	—Topeka Brdcstg. Ass'n., Inc.
WILL	ak	1000	D	Urbana, Ill.	—University of Ill.
WTAG	ak	1000	R	Worcester, Mass.	—Telegram Pub. Co., Inc., 20 Franklin St.
XEMU	z	.....	.....	Piedras Negras, Coah.	—“Radio Comercial.”

590 kcys. (508.2)

KHQ	ak	1000	R (5)	Spokane, Wash.	—Louis Wasmer, Inc., Sprague & Post
WEEL	ak	1000	C (5)	Boston, Mass.	—Columbia Brdcstg. Sys.
WKZO	ak	1000	BDX	Kalamazoo, Mich.	—WKZO, Inc., Burdick Hotel
WOW	ak	1000	R (5)	Omaha, Nebr.	—Woodmen of the World, 4th & Farnum

600 kcys. (499.7)

CBW	ak	500	F (1)	Windsor, Ont.	—Can. Brdcstg. Corp.
CFCF	ak	500	FN	Montreal, P. Q.	—Can. Marconi Co., Ltd.
CJOR	ak	500	.....	Vancouver, B. C.	—G. C. Chandler, 846 Howe St.
CMV	ak	1400	.....	Havana, Cuba	—Troncoso y Gil, Paseo Marti 105
KFSD	ak	1000	B	San Diego, Calif.	—Airfan Radio Corp., Ltd.
WCAO	ak	500	C (1)	Baltimore, Md.	—Monumental Radio Co., 811 W. Lanvale
WICC	ak	500	BM (1)	Bridgeport, Conn.	—Yankee Network, Inc., Stratfield Hotel
WMT	ak	1000	BM (5)	Cedar Rapids, Iowa	—Iowa Brdcstg. Co., Hotel Montrose
WREC	ck	1000	C (5)	Memphis, Tenn.	—WREC, Inc., Hotel Peabody

610 kcys. (491.5)

KFRC	c	1000	M (5)	San Francisco, Cal.	—Don Lee Sys., 1000 Van Ness Ave.
WCLE	ak	500	DM	Cleveland, Ohio.	—Cleve. Brdcstg. Corp., 1224 Huron Rd.
WDAF	ak	1000	R (5)	Kansas City, Mo.	—Kansas City Star, 1729 Grand Ave.
WIOD	ak	1000	N(WMBF)	Miami, Fla.	—Isle of Dreams Brdcstg. Corp.
WIP	ak	1000	.....	Philadelphia, Pa	—Penn Brdcstg. Co., 35 S. Ninth

620 kcys. (483.6)

KGW	ak	1000	R (5)	Portland, Ore.	—Oregonian Pub. Co., 325 Adler St.
KTAR	ak	1000	N	Phoenix, Ariz.	—KTAR Brdcstg. Co., 711 Heard Bldg.
WFLA	ak	1000	Na (5)	Clearwater, Fla.	—Fla. West Coast Brdcstg. Co.
WJJB	ak	250	CD	Greensburg, Pa.	—Pitt. Radio Sup. House.
WLBZ	ak	500	CM (1)	Bangor, Maine	—Maine Brdcstg. Co., 100 Main St.
WSUN	ak	1000	Na (5)	St. Petersburg, Fla.	—Chamber of Commerce, Recreation Pier
WTMJ	ak	1000	N (5)	Milwaukee, Wis.	—The Journal Co., 333 W. State St.

630 kcys. (475.9)

CFCO	ak	100	F	Chatham, Ont.	—John Beardall, Wm. Pitt Hotel
CFCY	ak	1000	F	Charlottetown, P.E.I.	—Island Radio Brdcstg. Co., Queen St.
CJRC	ak	500	F (1)	Winnipeg, Man.	—Jas. Richardson & Sons.
CKOV	ak	100	F	Kelowna, B. C.	—Okanagan Brdcsters, Ltd., Box 243
CMBC	z	.....	.....	Havana, Cuba	—“El Progreso Cubano,” Apto 132.
KFRU	ak	500	I (1)	Columbia, Mo.	—KFRU, Inc., 9th & Elm Sts.
KGFX	ak	200	D	Pierre, S. Dak.	—Mrs. Ida A. McNeil, Box 573
WGBF	ak	500	B1 (1)	Evansville, Ind.	—Evans. on the Air, Inc., 519 Vine St.
WMAL	ak	250	B (.5)	Washington, D. C.	—NBC, Inc., National Press Bldg.
WPRO	ak	500	C (1)	Providence, R. I.	—Cherry & Webb Brdcstg. Co., 15 Chestnut
XEZ	z	500	.....	Merida, Yuc.	—Jorge L. Falomeque.

640 kcys. (468.5)

KMCB	ak	150	.....	Havana, Cuba	—El Progreso Cubano, Maximo Gomez 139
KFI	ak	50000	R	Los Angeles, Calif.	—Earle C. Anthony, 1000 S. Hope
WGAN	z	500	DP	Portland, Maine	—Port. Brdcstg. Sys., Inc.
WHKC	ak	500	.....	Columbus, Ohio	—Associated Brdcstg. Corp.
WOI	ak	5000	D	Ames, Iowa	—State Col. of Agriculture
XEBX	z	250	.....	Sabinas, Coah.	—Benito Garza Ortegón

650 kcys. (461.3)

WSM	ak	50000	MN	Nashville, Tenn.	—Nat'l. Life & Accident Insurance Co.
-----	----	-------	----	------------------	---------------------------------------

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

660 kcys. (454.3)

WAAW ak 500 D Omaha, Nebr.
 WEAF ak 50000 R New York, N. Y.
 XEAL z 1000 Mexico City, D. F.
 XEAO ak 250 Mexicali, B. Cfa.

—Omaha Grain Exchange
 —NBC, Inc., 30 Rockefeller Plaza
 —Cia. Pan-Americana de Radio
 —Luis L. Castro, Altamirano 156

670 kcys. (447.5)

WMAQ ak 50000 R Chicago, Ill.
 XELO ak 5000 Tijuana, B. Cfa.

—NBC, Inc., Merchandise Mart.
 —.....

680 kcys. (440.9)

CMCG ak 1000 Havana, Cuba
 KFEO ak 2500 D St. Joseph, Mo.
 KPO ak 50000 R San Francisco, Cal.
 VAS akn 2000 685 Glace Bay, N. S.
 VOWR ck 500 661 St. John's, Nfld.
 WLAW z 1000 DP Lawrence, Mass.
 WPTF ak 1000 N (5) Raleigh, N. C.

—La Onda, S. A., Calle Malecon 340
 —KFEO, Inc., Schneider Bldg.
 —NBC, Inc., 111 Sutter St.
 —Can. Marconi Co., Inc.
 —Wesley United Church, Box 157
 —Hildreth & Rogers Co.
 —WPTF Co., 324 Fayetteville St.

690 kcys. (434.5)

CFRB ak 10000 C Toronto, Ont.
 CJCJ ak 100 F Calgary, Alta.
 XET ak 5000 Monterrey, N. L.

—Rogers Radio Brdcastg. Co., 37 Bloor St.
 —Albertan Publishers, Ltd.
 —El Pregonero del Norte, Aptdo. 203

700 kcys. (428.3)

WLW ak 50000 MN (W8XO) Cincinnati, O.

—Crosley Radio Corp., 1329 Arlington St.

710 kcys. (422.3)

KIRO ak 1000 C Seattle, Wash.
 KMPC ak 500 Beverly Hills, Calif.
 WOR ak 50000 M Newark, N. J.

—Queen City Brdcastg. Co., 66 Cobb Bldg.
 —The Station of the Stars, Inc.
 —Bamberger Brdcastg. Serv., Inc.

720 kcys. (416.4)

WGN ak 50000 M Chicago, Ill.
 XEH ak 250 Monterrey, N. L.

—WGN, Inc., 435 N. Michigan
 —Constantino de Ternava

730 kcys. (410.7)

CFPL ak 100 F London, Ont.
 CJCA ak 1000 F Edmonton, Alta.
 CKAC ak 5000 C Montreal, P. O.
 CKPR ak 100 F Fort William, Ont.
 CMK ak 3000 Havana, Cuba
 XEPN ak 100000 Piedras Negras, Coah.

—London Free Press, Richmond St.
 —Taylor & Pearson Brdcastg. Co.
 —La Presse Pub. Co.
 —Dougall Motor Car Co.
 —Cia. Nacional de Radio, Hotel Plaza
 —P. N. Brdcastg. Co., Box 360

740 kcys. (405.2)

KMMJ ak 1000 D Clay Center, Nebr.
 KTRB ak 250 D Modesto, Calif.
 WHEB ak 250 D Portsmouth, N. H.
 WSB ak 50000 N Atlanta, Ga.

—KMMJ, Inc.
 —McTammany & Bates, Box 405
 —Granite State Brdcastg. Corp., Box 522
 —Atlanta Journal Co., Biltmore Hotel

750 kcys. (399.8)

CMCW dk 150 Havana, Cuba
 KGU aj 2500 N Honolulu, Hawaii
 WJR ak 50000 C Detroit, Mich.
 XEAA ak 200 Mexicali, B. Cfa.
 XEAM z 25 Matamoros, Tams.

—“Radio Pilot”, San Lazaro 113
 —Advertiser Pub. Co., Ltd.
 —The Goodwill Station, Fisher Bldg.
 —P. O. Box 714, Calexico, Calif.
 —Manuel Salines.

760 kcys. (394.5)

CKY ak 15000 F Winnipeg, Man.
 CMHX ak 200 Cienfuegos, Cuba

—Man. Teleph. Sys., Sherbrooke St.
 —F. Chavarry, Box 205

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

KXA ak 250 (5) Seattle, Wash.
 WBAL ak 2500 BMSy Baltimore, Md.
 WEW ak 1000 D St. Louis, Mo.
 WJZ ak 5000 BSy New York, N. Y.
 XEOK ak 2500 Tijuana, B. Cfa.

—Am. Radio Tel. Co., 312 Bigelow Bldg.
 —WBAL Brdcastg. Co., Lexington Bldg.
 —St. Louis University, 221 N. Grand Blvd.
 —NBC, Inc., 30 Rockefeller Plaza
 —Carlos de la Serra, C. 5a, 312

770 keys. (389.4)

CMBS ak 150 Havana, Cuba
 KFAB ak 10000 CSy Lincoln, Nebr.
 WBBM ak 50000 CSy Chicago, Ill.

—“Radio Grunow”, Calzada y H
 —KFAB Brdcastg. Co., Hotel Lincoln
 —CBS, 410 N. Michigan

780 keys. (384.4)

CHWK dk 100 F Chilliwack, B. C.
 CKSO ak 1000 F Sudbury, Ont.
 CMJK ak 250 Camaguey, Cuba
 KEHE ak 1000 (5) Los Angeles, Calif.
 KFDF ak 1000 D Brookings, S. Dak.
 KFOD ck 250 Anchorage, Alaska
 KGHL ak 1000 N (5) Billings, Mont.
 KWLK z 250 DP Longview, Wash.
 WEAN ak 1000 BM Providence, R. I.
 WMC ak 1000 N (5) Memphis, Tenn.
 WTAR ak 1000 N Norfolk, Va.
 XEL z 1000 Mexico City, D. F.

—Chil. Brdcastg. Co., Ltd., Box 507
 —Sudbury Star, 23 1/2 Elgin St.
 —Cla. Nacional de Radio, Finlay 3
 —Hearst Radio, Inc., 214 S. Vermont
 —S. Dak. State College, Box L
 —Anchorage Radio Club, Inc., 411—4th Ave.
 —N. W. Auto Supply Co.
 —Twin City Brdcastg. Corp.
 —Yankee Network, Inc., New Crown Hotel
 —M. Commercial Appeal Co.
 —WTAR Radio Corp.
 —Plaza de San Juan 15.

790 keys. (379.5)

CMGH ak 500 Matanzas, Cuba
 KGO ak 7500 B San Francisco, Cal.
 KOAM z 1000 DN Pittsburg, Kans.
 WGY ak 50000 R Schenectady, N. Y.

—“Rialto”, Box 87
 —NBC, Inc., 111 Sutter St.
 —Pittsburg Brdcastg. Co., 404 Commerce Bldg.
 —General Electric Co., 1 River Rd.

800 keys. (374.8)

WBAP ak 50000 Na Fort Worth, Texas
 WFAA ak 50000 Na Dallas, Texas
 WT'BO ak 250 D Cumberland, Md.

—Ft. Worth Star-Telegram
 —A. H. Belo Corp., Baker Hotel
 —Associated Brdcastg. Corp.

810 keys. (370.2)

CMCF ak 600 X Havana, Cuba
 WCCO ak 50000 C Minneapolis, Minn.
 WNYC ak 1000 D New York, N. Y.
 XEDF z 75 Nuevo Laredo, Tams.
 XEXC z 350 Aguascalientes, Ags.

—Oscar Gutierrez, Paseo de Marti 9
 —CBS, Nicollet Hotel
 —City of N. Y.
 —Sr. Ruperto Villarreal.
 —Gobierno del E. de Ags.

820 keys. (365.6)

CMHW ak 100 Cienfuegos, Cuba
 WHAS ak 50000 C Louisville, Ky.
 XEBG z 1000 Tijuana, B. Cfa.

—Ramon Gonzales, Box 226
 —Louisville Times Co., 300 W. Liberty
 —Angel B. Fernandez

830 keys. (361.2)

CMJX ak 500 Camaguey, Cuba
 KOA ak 50000 N Denver, Colo.
 WEAU ak 1000 D Reading, Pa.
 WHDH ak 1000 Dn Boston, Mass.
 WRUF ak 5000 Dn Gainesville, Fla.

—Teatro Principal, Box 23
 —NBC, Inc., 1625 California St.
 —Berks Brdcastg. Co., 533 Pennsylvania
 —Matheson Radio Co., 62 Boylston
 —University of Fla.

840 keys. (356.9)

CBL z 50000 P Toronto, Ont.
 CFQC ak 1000 F Saskatoon, Sask.
 CRCT ak 5000 FN Toronto, Ont.
 VOGY ak 400 St. John's, Nfld.
 XERA ck 350000 Villa Acuna, Coah.

—Canadian Brdcastg. Corp., 1 Hayler St.
 —A. A. Murphy & Sons.
 —Can. Brdcastg. Corp., 805 Davenport Rd.
 —Newfoundland Hotel
 —Brinkley Hospital (Del Rio, Texas)

850 keys. (352.7)

CMCM z Havana, Cuba
 KIEV ak 250 D Glendale, Calif.
 WESG ak 1000 CD Elmira, N. Y.

—“Radio Columbia,” 23 No. 482, Vedado.
 —Cannon System, Ltd.
 —Cornell University, Mark Twain Hotel

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WKAR ak 1000 D E. Lansing, Mich. —Mich. State College
 WWL ak 10000 C New Orleans, La. —Loyola University.

860 kcys. (348.6)

WABC ak 50000 C (WBOQ) New York, N. Y. —CBS, 485 Madison Ave.
 WHB ak 1000 DM Kansas City, Mo. —WHB Brdcastg. Co., Scarritt Bldg.
 XEMO ak 5000 Tijuana, B. Cfa. —Box 202, San Diego, Calif.
 XENC z 50 Mexico City, D. F. —Ignacio Barrueta

870 kcys. (344.6)

WENR ak 50000 Ba Chicago, Ill. —NBC, Inc., Merchandise Mart
 WLS ak 50000 Na Chicago, Ill. —Agricultural Brdcastg. Co.
 XEFB ak 200 Monterrey, N. L. —Jesus Quintanilla, Box 317
 XEJW z Mexico City, D. F. —.....

880 kcys. (340.7)

CBO ak 1000 F Ottawa, Ont. —Can. Brdcastg. Corp.
 CFJC ak 100 F Kamloops, B. C. —Review Pub. Co., Wilcox-Hall Bldg.
 CMO ak 2500 X Havana, Cuba —La Casa de las Medias, Vedado
 KFKA ak 500 2M (1) Greeley, Colo. —Mid-Western Radio Corp., Box 735
 KLX ak 1000 Oakland, Calif. —Tribune Bldg., Co.
 KPOF ak 500 2 Denver, Colo. —Pillar of Fire, 1845 Champa St.
 WCOC ak 500 CX (1) Meridian, Miss. —Miss. Brdcastg. Co., Inc., Box 603
 WGBI ak 500 G1 (1) Scranton, Pa. —Scranton Brdcasters, Inc., 1000 Wyoming
 WQAN ak 500 1 (1) Scranton, Pa. —Scranton Times, 149 Penn Ave.
 WRNL ak 500 D Richmond, Va. —WLBC, Inc.
 WSUT ak 500 (1) Iowa City, Iowa —State Univ. of Iowa.

890 kcys. (336.9)

KARK ak 500 B (1) Little Rock, Ark. —Ark. Radio & Equip. Co.
 KFNF ak 500 2 (1) Shenandoah, Iowa —KFNF, Inc., 407 Sycamore
 KFYP ak 1000 C (5) Spokane, Wash. —Symons Brdcastg. Co., Symons Bldg.
 KUSD ak 500 2 Vermillion, S. Dak. —Univ. of S. Dak.
 WBAA ak 500 (1) W. Lafayette, Ind. —Purdue University
 WGST ak 1000 C (5) Atlanta, Ga. —Ga. School of Technology, Ansley Hotel
 WJAR ak 1000 R (5) Providence, R. I. —Outlet Co., Weybossett St.
 WMMN ak 500 C (1) Fairmont, W. Va. —Monongahela Valley Brdcastg. Co.
 XFW ak 50000 Mexico City, D. F. —Cadena Radiodifusora Mex., Box 2516

900 kcys. (333.1)

KGBU ak 500 X Ketchikan, Alaska —Aaa. Radio & Serv. Co., 107 Front St.
 KHJ ak 1000 M (5) Los Angeles, Calif. —Don Lee Sys., 7th & Bixel Sts.
 KSEI ak 250 (1) Pocatello, Idaho —Radio Serv. Corp., 141 S. 6th
 WBEN ak 1000 R (5) Buffalo, N. Y. —WBEN, Inc., Hotel Statler
 WELI ak 500 D New Haven, Conn. —City Brdcastg. Corp.
 WFMD ak 500 D Frederick, Md. —Monocacy Brdcastg. Co.
 WJAX ak 1000 N (5) Jacksonville, Fla. —City of Jacksonville.
 WKY ak 1000 N (5) Oklahoma City, Ok. —WKY Radiophone Co.
 WBLB ak 5000 D Stevens Point, Wis. —State of Wis., Box 233
 WTAD ak 1000 D Quincy, Ill. —Ill. Brdcastg. Corp., 510 E. Main

910 kcys. (329.6)

CBF z 50000 P Montreal, P. Q. —Canadian Brdcastg. Corp.
 CJAT ak 1000 F Trail, B. C. —Kootenay Brdcastg. Co., Box 1959
 XENT ak 150000 Nuevo Laredo, Tams. —Box 410, Laredo, Texas

920 kcys. (325.9)

CMX ak 1000 Havana, Cuba —Casa Lavin, Aptdo. 32
 KFEL ak 500 Ma Denver, Colo. —Eugene P. O'Fallon, Inc., Albany Hotel
 KOMO ak 1000 R (5) Seattle, Wash. —Fishers Blend Station, Inc., Skinner Bldg.
 KPRC ak 1000 N (5) Houston, Texas —Houston Ptg. Corp., Lamar Hotel
 KVDQ ak 500 Ba Denver, Colo. —Colo. Radio Corp.
 WAAF ak 1000 D Chicago, Ill. —Drivers Journal Pub. Co., Palmer House
 WORL ak 500 D Boston, Mass. —Brdcastg. Serv. Org., Inc.
 WPEN ak 1000 1 Philadelphia, Pa. —Wm. Penn Brdcastg. Co.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WRAX	ak	1000	I	Philadelphia, Pa.	—WRAX Brdcstg. Co., 217 S. Broad
WSPA	ak	1000	D	Spartanburg, S. C.	—Voice of S. C., Ravenel & Avant
WWJ	ak	5000	R	Detroit, Mich.	—Detroit News, 616 Lafayette Blvd.

930 kcys. (322.4)

CFAC	ak	1000	F	Calgary, Alta.	—South Western Pub., Ltd., Southam Bldg.
CFCH	ak	100	F	North Bay, Ont.	—Northern Brdcstg. Co., Ltd.
CFLC	ak	100	...	Prescott, Ont.	—Radio Ass'n. of Prescott
CHNS	ak	1000	F	Halifax, N. S.	—Maritime Brdcstg. Co., Ltd.
CKPC	ak	100	F	Brantford, Ont.	—Telephone City Brdcstg. Ltd.
KMA	ak	1000	(5)	Shenandoah, Iowa	—May Seed and Nursery Co.
KROW	ak	1000	...	Oakland, Calif.	—Educational Brdcst. Corp.
WBRC	ak	1000	C	Birmingham, Ala.	—Birm. Brdcstg. Co., Inc., Bankhead Hotel
WDBJ	ak	1000	C (5)	Roanoke, Va.	—Times World Corp., Box 150
XEBH	ak	500	...	Hermosillo, Son.	—Carlos Halderamma, Aptdo. 68

940 kcys. (319.0)

KOIN	ak	1000	C (5)	Portland, Ore.	—KOIN, Inc., New Heathman Hotel
VOAS	ak	100	...	St. John's, Nfld.	—Ayre & Sons, Ltd., Water St.
WAAT	ak	500	D	Jersey City, N. J.	—Bremer Brdcstg. Corp., 50 Journal Sq.
WAVE	ak	1000	N	Louisville, Ky.	—WAVE, Inc., 1525 Brown Hotel
WGSH	ak	1000	R (2.5)	Portland, Maine	—Congress Sq. Hotel Co., The Eastland
WDAY	ak	1000	N (5)	Fargo, N. Dak.	—WDAY, Inc., 118 Broadway
WHA	ak	5000	D	Madison, Wis.	—University of Wis., Radio Hall
WICA	z	250	DP	Ashtabula, Ohio	—Ash. Star-Beacon, 221 Center St.
XEFO	ak	5000	...	Mexico City, D. F.	—Radio Nacional, Av. 5 de Mayo 19 y 21
XEYO	z	500	...	Mexico City, D. F.	—Partido Nac. Revolucionaria

950 kcys. (315.6)

CJOC	ak	100	F	Lethbridge, Alta.	—Lethbridge Brdcstg. Co., Marquis Hotel
CMCD	ak	250	...	Havana, Cuba	—“La Voz del Aire,” S. A., Vedado
CRCK	ak	1000	F	Quebec, P. Q.	—Can. Brdcstg. Corp.
KFWB	ak	1000	(5)	Hollywood, Calif.	—Warner Bros. Brdcstg. Corp.
KMBG	ak	1000	C (5)	Kansas City, Mo.	—Midland Brdcstg. Co., Pickwick Hotel
WHAL	z	500	DP	Saginaw, Mich.	—Gross & Shields
WRC	ak	500	RX (1)	Washington, D. C.	—NBC, Inc., National Press Bldg.

960 kcys. (312.3)

CFRN	ak	100	F	Edmonton, Alta.	—Sunwapta Brdcstg. Co.
CHNC	ak	1000	F	New Carlisle, P. Q.	—Gaspeian Radio Co., Box 101
CRCY	ck	100	F	Toronto, Ont.	—Can. Brdcstg. Corp., 805 Devonport Rd.
XEAW	c	50000	...	Reynosa, Tams.	—Cia. Int. Difusora Reynosa, Aptdo. 6

970 kcys. (309.1)

CMBY	z	150	...	Havana, Cuba	—Calle Infanta 132
KJR	ak	5000	B	Seattle, Wash.	—Fishers Blend Sta., Inc., Skinner Bldg.
WCFL	ak	5000	B	Chicago, Ill.	—Chi. Fed. of Labor, Lake Shore Drive
WIBG	ak	100	D	Glenside, Pa.	—Seaboard Radio Bc. Corp.

980 kcys. (306.0)

KDKA	ak	50000	B	Pittsburgh, Pa.	—Westinghouse Elec., Grant Bldg.
XEAC	ak	1000	...	Tijuana, B. Cfa.	—Aurelio Mateus, Box 28
XEFE	z	150	...	Nuevo Laredo, Tams.	—“Voice of the Border.”, Rafael T. Carranza

990 kcys. (302.8)

WBZ	ak	50000	BSy	Boston, Mass.	—Westinghouse Elec. Co., Hotel Bradford
WBZA	ak	1000	BSy	Springfield, Mass.	—Westinghouse Elec. Co., Hotel Kimball
XEAF	ak	750	...	Nogales, Son.	—Francisco G. Elias, Hotel Central
XEK	ak	100	...	Mexico City, D. F.	—Arturo Martinez, Jalapa No. 51
XES	ak	250	...	Tampico, Tams.	—Fernando Sada, Box 309

1000 kcys. (299.8)

CMBZ	ak	500	(1)	Havana, Cuba	—Manuel y G. Salas, Aptdo. 866
KFYD	ak	1000	Dn	Los Angeles, Calif.	—Standard Brdcstg. Co.
VOCM	z	200	1006	St. John's, Nfld.	—St. John's Eve. Telegram

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WHO	ak 50000	R	Des Moines, Iowa	—Central Brdcstg. Co., 914 Walnut St.
XEBI	ak 25	.....	Aguascalientes, Ags.	—Alejandro Diaz
XEBX	ak 100	.....	Nuevo Laredo, Tams.	—“Indo Latin Voice.”
XEXS	z 100	.....	Portable in Mexico	—Dpto. de Salubridad Publica

1010 keys. (296.9)

CHML	ak 100	F	Hamilton, Ont.	—Maple Leaf Radio Co., Ltd.
CKGD	ak 100	I	Vancouver, B. C.	—Van. Daily Province, 198 Hastings, W.
CKGK	ak 1000	F	Regina, Sask.	—Leader-Post, Ltd., 1853 Hamilton
CKCO	ak 100	F	Ottawa, Ont.	—Dr. G. M. Geldert, 272 Somerset
CKIC	ak 50	.....	Wolfville, N. S.	—Acadia University
CKWX	ak 100	F1	Vancouver, B. C.	—Western Brdcstg. Co., 801 W. Georgia
CMJA	ak 300	.....	Camaguey, Cuba	—Rafael Valdez, Box 64
KCGF	ak 1000	2M	Coffeyville, Kans.	—Powell & Platz, Coffeyville Journal
KQW	ak 1000	M	San Jose, Calif.	—Station KQW, 87 E. San Antonio St.
WHN	ak 1000	(5)	New York, N. Y.	—Marcus Loew Booking Agency
WNAD	ak 1000	2	Norman, Okla.	—University of Okla.
WNOX	ak 1000	C (5)	Knoxville, Tenn.	—Scripps-Howard Radio, Inc.
XEU	ak 250	.....	Veracruz, Ver.	—Fernando Pazos S., Independencia 98

1020 keys. (293.9)

KYW	ak 10000	R	Philadelphia, Pa.	—Westinghouse Elec. Co., 1622 Chestnut
WDZ	ak 250	D	Tuscola, Ill.	—WDZ Brdcstg. Co.
XEJ	ak 1000	.....	Juarez, Chih.	—Juan G. Buttner, Box 111

1030 keys. (291.1)

CFCN	ak 10000	.....	Calgary, Alta.	—Voice of the Prairies, Ltd.
CKLW	ak 5000	M	Windsor, Ont.	—West. Ont. Brdcstg. Co.
CMCX	z 150	.....	Havana, Cuba	—“La Onda Popular,” Calle Maceo 7
XEB	ak 10000	.....	Mexico City, D. F.	—El Buen Tono, S. A. Aptdo. 79-44

1040 keys. (288.3)

KRLD	ak 10000	C	Dallas, Texas	—KRLD Radio Corp., Adolphus Hotel
KWJJ	ak 500	.....	Portland, Ore.	—KWJJ Brdcstg. Co., Inc., 622 Salmon St.
KYOS	z 250	D	Merced, Calif.	—Merced Star Pub. Co.
WTIC	ah 50000	R	Hartford, Conn.	—Travelers Brdcstg. Service, 26 Grove St.

1050 keys. (285.5)

CBM	ak 5000	F	Montreal, P. Q.	—Canadian Brdcstg. Corp.
CMKD	ak 250	.....	Santiago, Cuba	—Radioemisora Oriental, Box 23
KFBI	ak 5000	Dn	Abilene, Kans.	—Farmers & Bankers Bc. Corp.
KNX	ak 50000	C	San Angeles, Calif.	—CBS of Calif., Inc., Sunset Blvd.
WEAU	z 1000	D	Eau Claire, Wis.	—Central Brdcstg. Co.
WGVA	z 1000	DP	Indianapolis, Ind.	—Glenn Van Auken

1060 keys. (282.8)

KTHS	ak 10000	N	Hot Springs, Ark.	—Chamber of Commerce, Box 86
VOAC	z 40	1065	St. John's, Nfld.	.....
WBAL	ak 10000	BM	Baltimore, Md.	—WBAL Brdcstg. Co., Lexington Bldg.
WJAG	ak 1000	D	Norfolk, Nebr.	—Norfolk Daily News.
W3XJ	z 100	P	College Park, Md.	—McNary & Chambers
XEAD	ak 125	.....	Guadalajara, Jal.	—Alberto Palos Sauza
XEMG	z 100	.....	Atzacapotzalco, D. F.	—Humberto Garcia Ruiz

1070 keys. (280.2)

CMBX	ak 500	.....	Havana, Cuba	—Alberto Alvarez, San Miguel 194
CMHA	z 50	.....	Sagua la Grande, Cuba	—Abelardo Menocal, Carrillo 31
KJBS	ak 500	.....	San Francisco, Calif.	—Julius Brunton & Sons, 1380 Bush St.
WCAZ	ak 100	D	Carthage, Ill.	—Superior Brc. Serv., Inc., 502 Wabash
WTAM	ak 50000	R	Cleveland, Ohio	—NBC, Inc., 1367 E. 6th

1080 keys. (277.6)

WBT	ak 50000	C	Charlotte, N. C.	—Columbia Brdcstg. Sys., Wilder Bldg.
WCBQ	ak 5000	Dnl	Chicago, Ill.	—WCBQ, Inc., 128 N. Pulaski
WMBI	ak 5000	Dnl	Chicago, Ill.	—Moody Bible Institute
XEBA	z 20	.....	Guzman, Jal.	—Javier Velasco
XEDP	ak 500	.....	Mexico City, D. F.	—Dpto. de Publicidad

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

1090 keys. (275.1)

KMOX ak 5000 C St. Louis, Mo. —Columbia Brdctsg. Sys., Mart Bldg.

1100 keys. (272.6)

CBR	ak	5000	F	Vancouver, B. C.	—Can. Brdctsg. Corp., 1150 Main St.
CMCJ	ak	500	.....	Havana, Cuba.	—Radio Emisoras Comercial, Estevez 4
KGDM	ak	1000	DM	Stockton, Calif.	—E. F. Pepper, 42 S. California
KWKH	c	10000	C	Shreveport, La.	—Internat'l. Brc. Corp., Box 17
WBIL	ak	5000	I	New York, N. Y.	—Arde Bulova, 415 W. 59th
WPG	ak	5000	C1	Atlantic City, N. J.	—City of Atlantic City

1110 keys. (270.1)

KSOO	ak	2500	BDn	Sioux Falls, S. Dak.	—S. F. Brdctsg. Ass'n., Carpenter Hotel
WRVA	ak	5000	CM	Richmond, Va.	—Larus & Bros. Co., 22nd & Gary

1120 keys. (267.7)

CHLP	ak	100	F	Montreal, P. O.	—La Patrie Pub. Co., Sun Life Bldg.
CHSJ	ak	500	F (1)	St. John, N. B.	—N. B. Brdctsg. Co.
CKOC	ak	500	F (1)	Hamilton, Ont.	—Westworth Radio Brdctsg. Co.
CKX	ak	1000	F	Brandon, Man.	—Man. Telephone System, Rosser Ave.
CMGF	ak	250	.....	Matanzas, Cuba.	—Calle Gral. Betancourt 51
CMKM	ak	200	.....	Manzanillo, Cuba	—Merchan P. Figeredo, Box 4
CRCS	ak	100	F	Chicoutimi, P. Q.	—Can. Brdctsg. Corp., 4 rue Larouche
KFIO	ak	100	D	Spokane, Wash.	—Spokane Brdctsg. Corp., Ziegler Bldg.
KFSG	ak	500	a (2.5)	Los Angeles, Calif.	—Echo Park Evan. Ass'n.
KRKD	ak	500	a (2.5)	Los Angeles, Calif.	—Radio Brdcters., Inc., 312 Spring Arcade
KRSC	ak	250	.....	Seattle, Wash.	—Radio Sales Corp.
KTBC	z	1000	DP	Austin, Texas	—State Capitol Brdctsg. Assn.
WCOP	ak	500	D	Boston, Mass.	—Mass. Brdctsg. Corp., Copley Plaza Hotel
WDEL	ak	250	R (.5)	Wilmington, Del.	—WDEL, Inc., 10th & King Sts.
WISN	ak	250	C (1)	Milwaukee, Wis.	—Hearst Radio, Inc., 231 W. Michigan
WJBO	ak	500	B	Baton Rouge, La.	—B. R. Brdctsg. Co., 334 Florida St.
WTAW	ak	500	.....	College Sta., Tex.	—Agri. & Mechanical Col.

1130 keys. (265.3)

CMJI	ak	150	.....	Ciego de Avila, Cuba	—Gilberto Gesse Lopez, Box 28
KSL	ak	5000	C	Salt Lake City, Ut.	—Radio Service Corp., Vermont Bldg.
WJJD	ak	20000	Dn	Chicago, Ill.	—WJJD, Inc., 201 N. Wells St.
WOV	ak	1000	D	New York, N. Y.	—Internat'l. Brc. Corp., 16 E. 42nd
XEJP	z	100	.....	Mexico City, D. F.	—Salvador Monterrubio

1140 keys. (263.0)

CMBG	z	200	.....	Havana, Cuba	—John L. Stowers, Hospital No. 100
KVOO	ak	25000	N1	Tulsa, Okla.	—Southwestern Sales Corp., Wright Bldg.
WAPI	ak	5000	N1	Birmingham, Ala.	—Ala. Polytechnic Inst.
WSPR	ak	500	DM	Springfield, Mass.	—Conn. Valley Brdctsg. Co., 63 Chestnut St.

1150 keys. (260.7)

CMJF	z	200	.....	Camaguey, Cuba	—John L. Stowers, Republica No. 88
WHAM	ak	50000	B	Rochester, N. Y.	—Stromberg-Carlson Co., Sagamore Hotel
XEC	ak	100	.....	Tijuana, B. Cfa.	—Luis F. Enciso, Teatro Zaragoza
XEDW	z	20	.....	Minatitlan, Ver.	—Hector Silva Canto

1160 keys. (258.5)

CMHG	ak	175	.....	Gienfuegos, Cuba	—Romualdo Ugalde, Box 112
CMKG	z	.....	.....	Santiago, Cuba	.....
WOWO	ak	10000	BI	Fort Wayne, Ind.	—Westinghouse Radio Station
WWVA	ak	5000	C1	Wheeling, W. Va.	—W. Va. Brdctsg. Corp., Hawley Bldg.
XEAS	z	50	.....	Saltillo, Coah.	—"La Voz del Comercio."
XEBJ	z	20	.....	Merida, Yuc.	—Hidalgo Franco
XEBZ	ad	100	.....	Mexico City, D. F.	—Refugio Esperza Vda.
XED	ak	2500	.....	Guadalajara, Jal.	—Cia. Radiofonografica, Aptdo 197
XEP	ak	500	.....	Juarez, Chih.	—Apartado 89

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

1170 kcs. (256.3)

CMBD ak 500 Havana, Cuba —Luis Perez Garcia, Calle 17 y 0
 WCAU ak 50000 C Philadelphia, Pa. —WCAU Brdctg. Co., 1622 Chestnut St.

1180 kcs. (254.1)

CMJO ak 50 Ciego de Avila, Cuba —B. Ildefonso
 KEX ak 5000 B2 Portland, Ore. —Oregonian Pub. Co.
 KOB ak 10000 B2 Albuquerque, N. M. —Albuquerque Brdctg. Co.
 WDG Y ak 1000 Dn (5) Minneapolis, Minn. —Dr. Geo. W. Young, 909 W. Broadway
 WINS ak 1000 New York, N. Y. —Hearst Radio, Inc.
 WMAZ ak 1000 C Macon, Ga. —Southeastern Brdctg. Co.
 XEFA z 500 Tacuba, D. F. —Eduardo Limon Segui

1190 kcs. (252.0)

CMKX z Santiago, Cuba —
 KTKK z 250 D Visalia, Calif. —Tulare-Kings Counties
 VONF ak 500 1195 St. John's, Nfld. —Dominion Brdctg. Co., Box 135
 WATR ak 100 DXZ Waterbury, Conn. —WATR Co., Inc., 47 Grand St.
 WQAI ak 50000 N San Antonio, Tex. —Southland Industries, Inc., 1038 Navarro
 WSAZ ak 1000 Huntington, W. Va. —WSAZ, Inc., Box 729

1200 kcs. (249.9)

CHAB ak 100 F Moose Jaw, Sask. —CHAB, Ltd., Grant Hall Hotel
 CKNX dk 100 Wingham, Ont. —Wingham Radio Club, Box 65
 CKTB ak 100 F St. Catharines, Ont. —Silver Spire Brdctg. Station
 CMGO ad 250 Havana, Cuba —Enrique Lasanta, Calle Oficios 116
 KADA ak 100 DM Ada, Okla. —C. C. Morris
 KBTM ak 100 D Jonesboro, Ark. —W. J. Beard
 KDNC z 100 (.25) P Lewistown, Mont. —Democrat-News Co.
 KELO z 100 N Sioux Falls, S. Dak. —S. F. Brdctg. Ass'n.
 KFJB ak 100 (.25) Marshalltown, Ia. —Marshall Elec. Co., Inc.
 KFXD ak 100 (.25) Nampa, Idaho —Frank E. Hurt, Box 891
 KFXJ ak 100 (.25) Grand Junc., Colo. —Western Slope Brdctg. Co.
 KGCI z 100 DP Coeur d'Alene, Idaho —Berger and Freeman
 KGDE c 100 (.25) Fergus Falls, Minn. —Charles L. Jaren
 KGEK ak 100 Sterling, Colo. —Elmer G. Beehler, 109 W. 2nd St.
 KGJF ak 100 Los Angeles, Calif. —Ben S. McGlashan, 1417 S. Figueroa
 KGGH ak 100 (.25) Little Rock, Ark. —Ark. Brdctg. Co., Pyramid Life Bldg.
 KGVJ z 100 DP Greenville, Texas —Hunt Brdctg. Assn.
 KMLB ak 100 (.25) Monroe, La. —Liner's Brdctg. Station, Francis Hotel
 KOOS ak 100 (.25) Marshfield, Ore. —Pacific Radio Corp., Hall Bldg.
 KSUN c 100 (.25) Lowell, Ariz. —Copper Elec. Co., Inc., Drawer C
 KVCV z 100 Redding, Calif. —Golden Empire Brdctg. Co.
 KVEC z 250 D San Luis Obispo, Calif. —Valley Elec. Co.
 KVOS dk 100 M Bellingham, Wash. —KVOS, Inc., 115 W. Magnolia
 KWG ak 100 N Stockton, Calif. —McClatchey Brdctg. Co.
 KWNO z 250 DP Winona, Minn. —Winona Radio Service.
 WABI ak 100 (.25) Bangor, Maine —Community Brdctg. Serv.
 WAIM ak 100 C Anderson, S. C. —Wilton E. Hall, Anderson College
 WAYX ak 100 (.25) Waycross, Ga. —Waycross Brdctg. Co., Box 714
 WBBZ ak 100 M (.25) Ponca City, Okla. —Adelaide L. Carrell, 615 W. Grand
 WBHP ak 100 Huntsville, Ala. —Wilton Harvey Pollard
 WBN0 ak 100 2 New Orleans, La. —Coliseum Place Bap. Church
 WCAT ak 100 D Rapid City, S. Dak. —S. Dak. State School of Mines
 WCAX ak 100 (.25) Burlington, Vt. —Bur. Daily News, Inc., 203 College St.
 WCLO ak 100 (.25) Janesville, Wis. —Gazette Ptg. Co., 200 E. Milwaukee St.
 WCP0 ak 100 (.25) Cincinnati, Ohio —Scripps-Howard Radio, Inc.
 WDSM z 100 P Superior, Wis. —Fred A. Baxter, 1507 Tower Ave.
 WEST ak 100 3 (.25) Easton, Pa. —Associated Brdctrs., Inc.
 WFAM ak 100 4 South Bend, Ind. —South Bend Tribune, 225 W. Colfax Ave.
 WFAT ak 100 (.25) Kinston, N. C. —Jonas Weiland
 WHBC ak 100 (.25) Canton, Ohio —Edw. P. Graham, 319 Tuscola St., W.
 WHBY ak 100 (.25) Green Bay, Wis. —WHBY, Inc., Bellin Bldg.
 WIBX ak 100 C (.25) Utica, N. Y. —WIBX, Inc., 1st Nat'l Bank Bldg.
 WIL ak 100 C (.25) St. Louis, Mo. —Mo. Brdctg. Corp., Melbourne Hotel
 WJBC ak 100 5 (.25) Bloomington, Ill. —Kaskaskia Brdctg. Co.
 WJBL ak 100 5 Decatur, Ill. —Commodore Brdctg. Co., Gushard Bldg.
 WJBW ak 100 2 New Orleans, La. —Chas. C. Carlson, Godchaux Bldg.
 WJNO ak 100 C (.25) W. Palm Beach, Fla. —Hazelwood, Inc.
 WJRD c 250 D Tuscaloosa, Ala. —James R. Doss, Jr.
 WKBO ak 100 3 (.25) Harrisburg, Pa. —Keystone Brdctg. Corp., Penn Harris Hotel
 WLVA ak 100 (.25) Lynchburg, Va. —Lynchburg Brdctg. Corp.
 WMFR ak 100 D High Point, N. C. —Station WMFR, Inc.
 WMPC ak 100 (.25) Lapeer, Mich. —1st Methodist Church, 81 Liberty St.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WOLS	z	100	DP	Florence, S. C.	—O. Lee Stone
WRBL	ak	100	(.25)	Columbus, Ga.	—WRBL Radio Station, Inc.
WSAL	z	250	DP	Salisbury, Md.	—Frank M. Stearns.
WTHT	ak	100	M	Hartford, Conn.	—Hartford Times, Inc., 983 Main St.
WTOL	z	100	DP	Toledo, Ohio	—Community Brdcstg. Co.
WWAE	ak	100	8	Hammond, Ind.	—Hammond-Calumet Brdcstg. Corp.

1210 keys. (247.8)

CHLT	z	100	.....	Sherbrooke, P. Q.	—La Tribune, Ltd.
CJCS	ak	50	.....	Stratford, Ont.	—M. I. Higgins, Windsor Hotel
CJCU	z	50	.....	Aklavik, N.W.T.	—Dr. J. A. Urquhart, Dept. of Interior
CKBI	ak	100	F	Prince Albert, Sask.	—CKBI, Ltd., Canada Bldg.
CKKC	ak	100	F	Hull, P. Q.	—CKCH Hull Brdcstg. Co., Ltd.
CKMC	ak	50	.....	Cobalt, Ont.	—R. L. MacAdam
CMHI	ak	150	.....	Santa Clara, Cuba	—Lavis y Paz, Independencia 34
KALB	ak	100	.....	Alexandria, La.	—Alexandria Brdcstg. Co., Box 788
KANS	ak	100	B	Wichita, Kans.	—KANS Brdcstg. Co.
KASA	c	100	M	Elk City, Okla.	—E. M. Woody, Casa Grande Hotel
KDLR	ak	100	.....	Devils Lake, N. D.	—KDLR, Inc., 1025 Third St.
KDON	z	100	M	Monterrey, Calif.	—Mont. Peninsula Brdcstg. Co.
KFJI	ak	100	.....	Klamath Falls, Ore.	—KFJI Brdcsters, Inc., Willard Hotel
KFOR	ak	100	CM(.25)	Lincoln, Nebr.	—Cornbelt Brdcstg. Corp., Hotel Lincoln
KFPV	ak	100	.....	Fort Smith, Ark.	—Southwestern Hotel Co., Goldman Hotel
KFVS	ak	100	5 (.25)	Cape Girardeau, Mo.	—Hirsch Battery & Radio Co., Box 275.
KFXM	ak	100	M2	San Bernardino, Cal.	—Lee Bros. Brdc. Co., Calif. Hotel.
KGLO	z	100	C (.25)	Mason City, Iowa	—Mason City Globe Gazette
KGY	ak	100	M	Olympia, Wash.	—KGY, Inc., 11th & Capitol Way
KHBB	z	100	DP	Oklmulgee, Okla.	—Oklmulgee Brdcstg. Corp.
KIUL	ak	100	.....	Garden City, Kans.	—Garden City Brdcstg. Co.
KLAH	ak	100	.....	Carlsbad, N. Mex.	—Carlsbad Brdcstg. Co.
KOCA	z	100	(.25)	Kilgore, Texas	—Oil Capital Brdcstg. Ass'n.
KPFA	z	100	P (.25)	Helena, Mont.	—Peoples Forum of the Air
KPPC	ak	100	2	Pasadena, Calif.	—Pas. Presb. Church, 585 E. Colorado.
KROY	ak	100	D	Sacramento, Calif.	—Royal Miller
KVSO	ak	100	M	Ardmore, Okla.	—Ardmoreite Pub. Co.
KWTN	ak	100	.....	Watertown, S. Dak.	—Greater Kamespa Radio Corp.
WALR	ak	100	.....	Zanesville, Ohio	—WALR Brdcstg. Corp.
WBAX	ak	100	.....	Wilkes-Barre, Pa.	—John H. Stenger, Jr., 70 S. Main
WBBL	ak	100	S	Richmond, Va.	—Grace Presb. Church, 1627 Monument Ave.
WBLY	ak	100	D	Lima, Ohio	—Herbert Lee Bly, 1424 Rice Ave.
WBRB	ak	100	3	Red Bank, N. J.	—Monmouth Brdcstg. Co., 63 Broad St.
WCOL	ak	100	N	Columbus, Ohio	—WCOL, Inc., 33 N. High St.
WGRW	ak	100	4	Chicago, Ill.	—Clinton R. White, 2756 Pine Grove
WEBQ	ak	100	5 (.25)	Harrisburg, Ill.	—Harrisburg Brdcstg. Co., 100 E. Poplar.
WEDC	ak	100	4	Chicago, Ill.	—Emil Denmark, 3850 Ogden Ave.
WFAS	ak	100	3	White Plains, N. Y.	—Westchester Brdcstg. Corp.
WFOY	ak	100	(.25)	St. Augustine, Fla.	—Fountain of Youth Properties
WGBB	ak	100	3	Freeport, N. Y.	—Harry H. Carman, 64 S. Grove St.
WGCM	ak	100	(.25)	Gulfport, Miss.	—WGCM, Inc.
WGNV	ak	100	3	Newburgh, N. Y.	—Peter Goelt, 161 Broadway
WGRM	ak	100	P	Nevada, Miss.	—P. K. Ewing
WHBF	ak	100	(.25)	Rock Island, Ill.	—R. I. Brdcstg. Co., Hotel Harms
WHBU	ak	100	(.25)	Anderson, Ind.	—Anderson Brdcstg. Corp.
WIBU	ak	100	(.25)	Poynette, Wis.	—Wm. C. Forrest, R.F.D. No. 3
WJBY	ak	100	.....	Gadsden, Ala.	—Gadsden Brdcstg. Co., 108 S. 6th
WJBJ	ak	50	Dn(.1)	Hagerstown, Md.	—Hagerstown Brdcstg. Co., Lovely Dame Bldg.
WJIM	z	100	(.25)	Lansing, Mich.	—Harold G. Gross
WJTN	ak	100	B (.25)	Jamestown, N. Y.	—James Brdcstg. Co., Inc.
WJW	ak	100	(.25)	Akron, Ohio	—WJW, Inc., 41 S. High St.
WKOK	ak	100	.....	Sunbury, Pa.	—Sunbury Brdcstg. Corp., 1150 N. Front
WLMU	z	100	P (.25)	Middlesboro, Ky.	—Lincoln Mem. University
WMFG	ak	100	(.25)	Hibbing, Minn.	—Head of the Lakes Brdcstg. Co.
WOMT	ak	100	.....	Manitowoc, Wis.	—Francis M. Kadow, Box 326
WPAX	ak	100	D	Thomasville, Ga.	—H. Wimpy, 135 E. Jackson
WSAY	z	100	D	Rochester, N. Y.	—Brown Radio Serv., 192 S. Goodman
WSBC	ak	100	4 (.25)	Chicago, Ill.	—WSBC, Inc., 2400 Madison Ave.
WSIX	ak	100	.....	Nashville, Tenn.	—WSIX, Inc.
WSNJ	z	100	D	Bridgeton, N. J.	—Eastern States Brdcstg. Corp.
WSOC	ak	100	N (.25)	Charlotte, N. C.	—WSOC, Inc., 516 W. Trade St.
WTAX	ak	100	.....	Springfield, Ill.	—WTAX, Inc., 416 E. Capitol
XEAT	ak	250	.....	Parral, Chih.	—Box 90.
XEE	ak	50	.....	Durango, Dgo.	—Alejandro Stevens, Jr., Aptdo. 148
XEFV	ak	100	.....	Juarez, Chih.	—Jose Onofre Meza, Tlaxcala 1013
XETH	ak	100	.....	Puebla, Pue.	—Ramon Huerta G., Calle 17, Oriente 11

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

1220 kcys. (245.8)

CMJE	z	50	...	Camaguey, Cuba	—Manuel Fernandez Hnos., Aguero 2
KFKU	ak	1000	a (5)	Lawrence, Kans.	—University of Kans.
KTMS	z	500	P	Santa Barbara, Cal.	—News Press Pub. Co.
KTW	ak	1000	S2	Seattle, Wash.	—First Presb. Church, 7th & Spring
KWSC	ak	1000	2 (5)	Pullman, Wash.	—State College of Wash.
WCAD	ak	500	D	Canton, N. Y.	—St. Lawrence University
WCAE	ak	1000	MR (5)	Pittsburgh, Pa.	—WCAE, Inc.
WDAE	ak	1000	C (5)	Tampa, Fla.	—Tampa Times Co., Tampa Terrace
WREN	ak	1000	Ba(5)	Lawrence, Kans.	—WREN Brdcastg. Co., 7th & Vermont
XEBL	z	50	...	Mazatlan, Sin.	—Ignacio L. Saiz, Aptdo. 78
XEDA	z	200	...	Gra. Anaya, D. F.	—Augusta Garcia Diaz
XEG	z	250	...	Monterrey, N. L.	—de la Vega, Morelos Oriente 580
XETF	ak	30	...	Veracruz, Ver.	—Jose R. Lopez, Independencia 28

1230 kcys. (243.8)

KGBX	ak	500	...	Springfield, Mo.	—Springfield Brdcastg. Co.
KGGM	ak	1000	...	Albuquerque, N. M.	—N. Mex. Brdcastg. Co., KiMo Bldg.
KYA	ak	1000	(5)	San Francisco, Cal.	—Hearst Radio, Inc., 988 Market St.
WFBM	ak	1000	C (5)	Indianapolis, Ind.	—Ind. Power & Light Co.
WNAC	ak	1000	R (5)	Boston, Mass.	—Yankee Network, Inc.
XEFJ	ak	1000	...	Monterrey, N. L.	—Rodolfo Junco de la Vega, Box 186

1240 kcys. (241.8)

CJCB	ak	1000	F	Sydney, N. S.	—N. Nathanson, 318 Charlotte St.
CMHB	z	50	...	Sancti Spiritus, Cuba	—V. E. Weiss y Cia, Independencia 33
KGCU	ak	250	1	Mandan, N. Dak.	—Mandan Radio Ass'n., 404 W. Main
KLPM	ak	250	1XZ	Minot, N. Dak.	—John B. Cooley, Box 707
KTAT	ak	1000	M	Fort Worth, Texas	—Tarrant Brdcastg. Co.
KTFI	ak	1000	...	Twin Falls, Idaho	—Radio Brdcastg. Corp., Box 521
WKAQ	ak	1000	...	San Juan, P. R.	—Radio Corp. of P. R., Box 1414
WXYZ	ak	1000	B	Detroit, Mich.	—King-Trendle Brdcastg. Corp.
XEAP	z	50	...	Obregon, Son.	—E. Manzanilla, Veracruz 23
XEAY	z	100	...	Mexico City, D. F.	—Fernando Magallanes
XEBS	z	200	...	Mexico City, D. F.	—5 de Febrero 133
XEKL	z	500	...	Leon, Guan.	—Cia. Radio del Bajio, 5 de Mayo 26
XELA	z	50	...	Saltillo, Coah.	—Enrique Gomez

1250 kcys. (239.9)

CMCK	ak	150	...	Santiago, Cuba	—J. A. Saco, Box 466
KFOK	ak	1000	...	Long Beach, Calif.	—Nichols & Warinner, Inc.
WAIR	ak	250	D	Winst.-Salem, N. C.	—Radio Station WAIR
WCAL	ah	1000	2XZ	Northfield, Minn.	—St. Olaf College
WDSU	ak	1000	B	New Orleans, La.	—WDSU, Inc., Hotel Monteleone
WIIBI	ak	1000	a (2.5)	Newark, N. J.	—May Radio Brdcastg. Corp.
WLB	ak	1000	2XZ	Minneapolis, Minn.	—University of Minn.
WNEW	ak	1000	a (2.5)	New York, N. Y.	—Wodaam Corp., 501 Madison Ave.
WTCN	ak	1000	B (5)	Minneapolis, Minn.	—Minn. Brdcastg. Corp.
XEXH	z	250	...	San Luis Pot., S.L.P.	—Ayuntamiento S.L.P.

1260 kcys. (238.0)

CMC	z	150	...	Havana, Cuba	—Del Valle, Valdez y Cia.
KGVO	ak	1000	C	Missoula, Mont.	—Mosby's Inc., 240 N. Higgins
KHSL	ak	250	...	Chico, Calif.	—Golden Empire Brdcastg. Co.
KOIL	ak	1000	BM(2.5)	Omaha, Nebr.	—Central States Brdcastg. Co.
KPAC	ak	500	D	Port Arthur, Texas	—Port Arthur College
KRGV	ak	1000	B	Weslaco, Texas	—KRGV, Inc.
KUOA	ak	5000	D	Siloam Spgs., Ark.	—KUOA, Inc., John Brown Univ.
KVOA	ak	1000	...	Tucson, Ariz.	—Ariz. Brdcastg. Co., Inc.
WHIO	ak	1000	C (5)	Dayton, Ohio	—Dayton Daily News
WNBX	ak	1000	CM	Springfield, Vt.	—WNBX Brdcastg. Corp., 39 Main St.
WTOC	ak	1000	C	Savannah, Ga.	—Savannah Brdcastg. Co., DeSoto Hotel

1270 kcys. (236.1)

CMHD	dk	250	...	Caibarien, Cuba	—Manuel Alvarez M., Escobar 17
KGCA	ak	100	2D	Decorah, Iowa	—Chas. W. Greenley, 201 Water St.
KOL	ak	1000	CM (5)	Seattle, Wash.	—Seattle Brdcastg. Co.
KVOR	ak	1000	C	Colo. Springs, Colo.	—Out West Brdcastg. Co.
KWLC	ak	100	2D	Decorah, Iowa	—Luther College
WASH	ak	500	DaN	Grd. Rpd., Mich.	—King-Trendle Brdcastg. Corp.
WFBR	ak	500	R (1)	Baltimore, Md.	—Balt. Radio Show, Inc., 7 St. Paul St.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WJDX	ak	1000	N (2.5)	Jackson, Miss.	—Lamar Life Insurance Co.
WOOD	ak	500	Na	Gd. Rapids, Mich.	—King-Trendle Brcdstg. Corp.
XEXB	ak	50	.....	Jalapa, Ver.	—Gobierno del E. de Ver.
XEXE	z	17	.....	Mexico City, D. F.	—H. Ayuntamiento de Texcoco

1280 keys. (234.2)

CMCU	ak	500	.....	Havana, Cuba	—Estrada Palma No. 25, esq. F. Poey
CMKO	z	.....	.....	Holguin, Cuba	—
KFBB	ak	1900	C (5)	Great Falls, Mont.	—Buttrey Brcdstg. Co., Box 1817
KLS	ak	250	.....	Oakland, Calif.	—Warner Bros., 2201 Telegraph Ave.
WCAM	ak	500	1	Camden, N. J.	—City of Camden, City Hall
WCAP	ak	500	1	Asbury Park, N. J.	—Radio Industries Brcdstg. Co.
WDOD	ak	1000	C (5)	Chattanooga, Tenn.	—WDOD Brcdstg. Corp., Hotel Patten
WIBA	ak	1000	N (5)	Madison, Wis.	—Badger Brcdstg. Co., 111 King St.
WORC	ak	500	C	Worcester, Mass.	—Alf. E. Kleindienst, 60 Franklin St.
WRR	ak	500	M	Dallas, Texas	—City of Dallas, Southland Bldg.
WTNJ	ak	500	1	Trenton, N. J.	—WOAX, Inc., Stacy Trent Hotel
XEBO	z	25	.....	Irapuato, Guan.	—Alfonso Martinez, Av. Guerro 26
XEMX	z	100	.....	Mexico City, D. F.	—Alfonso Traslosheros A., Salamanca 87

1290 keys. (232.4)

KDYL	ak	1000	RX	Salt Lake City, Ut.	—Intermountain Brcdstg. Corp.
KLCN	ak	100	D	Blytheville, Ark.	—C. L. Lintzenich
KTRH	ak	1000	C (5)	Houston, Texas	—KTRH Brcdstg. Co., Rice Hotel
WEBC	ak	1000	N (5)	Duluth, Minn.	—Head of the Lakes Brcdstg. Co.
WJAS	ak	1000	C (5)	Pittsburgh, Pa.	—Pitt. Radio Supply House, 7th Ave.
WNBZ	ak	100	D	Saranac Lake, N. Y.	—Smith & Mace, 70 Broadway
WNEL	ak	1000	(2.5)	San Juan, P. R.	—Juan Piza, Box 1252

1300 keys. (230.6)

KALE	ak	500	CM	Portland, Ore.	—KALE, Inc., New Heathman Hotel
KFAC	ak	1000	.....	Los Angeles, Calif.	—L. A. Brcdstg. Co., Inc., 3443 Wilshire Blvd.
KFHH	ak	1000	C (5)	Wichita, Kans.	—Station KFH, 124 1/2 S. Market St.
WBRR	ak	1000	1	Brooklyn, N. Y.	—People's Pulpit Ass'n.
WEVD	ak	1000	1	New York, N. Y.	—Debs Memorial Radio Fund
WFAB	ak	1000	1	New York, N. Y.	—5th Ave. Brcdstg. Corp.
WFBC	ak	1000	N (5)	Greenville, S. C.	—Greenville News-Piedmont Co.
WHAZ	ak	1000	1	Troy, N. Y.	—Rensselaer Polytechnic Inst., 8th Ave.
WHBL	ak	250	.....	Sheboygan, Wis.	—Press Pub. Co., Press Bldg.

1310 keys. (228.9)

CHCK	ak	50	.....	Charlottetown, P.E.I.	—Burke & Gesner.
CJKL	ak	100	F	North Bay, Ont.	—Northern Brcdstg. Co., R & E Bldg.
CJLS	ak	100	.....	Yarmouth, N. S.	—Laurie L. Smith, Box 684
CKCV	ak	100	F	Quebec, P. Q.	—CKCV, Ltd., 142 St. John St.
KAND	z	100	D	Corsicana, Tex.	—Navarro Brcdstg. Ass'n.
KARM	z	100	P	Fresno, Calif.	—George Harm.
KCKN	ak	100	.....	Kansas City, Kans.	—KCKN Brcdstg. Co., 901 N. 8th St.
KCRJ	ak	100	DX	Jerome, Ariz.	—Chas. C. Robinson, Drawer D
KFPL	dk	100	(25)	Dublin, Texas	—C. C. Baxter, Box 176
KFXR	ak	100	(25)	Okla. City, Okla.	—Exchange Ave. Bap. Church
KFYO	ak	100	(25)	Lubbock, Texas	—Plains Radio Brcdstg. Co., Box 1448
KGEZ	ak	100	.....	Kalispell, Mont.	—Donald C. Treloar, Box 1
KGFV	ak	100	.....	Kearney, Nebr.	—Cent. Nebr. Brcdstg. Corp.
KHUB	z	250	D	Watsonville, Calif.	—Anna Atkinson
KINY	ak	100	XZ	Juneau, Alaska	—Edwin A. Kraft
KIT	ak	100	M XZ (25)	Yakima, Wash.	—Carl E. Haymond, 109 1/2 E. Yakima
KPDN	ak	100	D	Pampa, Texas	—R. C. Holles
KRBA	z	100	DP	Lufkin, Texas	—Red Lands Brcdstg. Assn.
KRMD	ak	100	(25)	Shreveport, La.	—KRMD, Inc., Box 1712
KROC	ak	100	(25)	Rochester, Minn.	—So. Minn. Brcdstg. Co., Martin Hotel.
KROA	ak	100	.....	Santa Fe, N. Mex.	—J. Laurance Martin, Box 985
KRRV	z	250	D	Sherman, Texas	—Red River Valley Brcdstg. Corp.
KSRO	ak	250	D	Santa Rosa, Calif.	—Press Democrat Pub. Co.
KSTB	z	100	.....	Cedar City, Utah	—Johnson & Perry
KTSM	ak	100	(25)	El Paso, Texas	—Tri-State Brcdstg. Co., Box 1976
KVOL	ak	100	.....	Lafayette, La.	—Evangeline Brcdstg. Co.
KVOX	z	100	P	Moorhead, Minn.	—KVOX Brcdstg. Co.
KWOS	z	100	D	Jefferson City, Mo.	—Tribune Ptg. Co.
KXRO	ak	100	M (25)	Aberdeen, Wash.	—KXRO, Inc., Hotel Morck
WAML	ak	100	.....	Laurel, Miss.	—New Laurel Radio Station, Box 26
WBEQ	ak	100	D	Marquette, Mich.	—Lake Superior Brcdstg. Co.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WBOW	ak	100	B (25)	Terra Haute, Ind.	—Banks of the Wabash, Inc.
WBRE	ak	100		Wilkes-Barre, Pa.	—Louis G. Baltimore, 16 N. Main
WBRK	z	100	P (25)	Pittsfield, Mass.	—Harold Thomas
WGLS	ak	100		Joliet, Ill.	—WGLS, Inc., 301 E. Jefferson
WGMJ	ak	100	(25)	Ashland, Ky.	—Ashland Brdcstg. Co., Box 106
WDAM	ak	100	S (25)	El Paso, Texas	—Tri-State Brdcstg. Co., Box 1976
WEBR	ak	100	B (25)	Buffalo, N. Y.	—WEBR, Inc., 23 North St.
WEMP	ak	100	D	Milwaukee, Wis.	—Milwaukee Brdcstg. Co., 711 Empire Bldg.
WEXL	ak	50		Royal Oak Brdcstg. Co., 212 W. 6th	—Royal Oak Brdcstg. Co., 212 W. 6th
WFBG	ak	100	3	Altoona, Mich.	—Gable Brdcstg. Co., 12th Ave. & 13th St.
WDFD	ak	100		Flint, Mich.	—Flint Brdcstg. Co.
WGH	ak	100	(25)	Newport News, Va.	—Hampton Roads Brdcstg. Corp.
WGTM	z	100	D	Wilson, N. C.	—H. W. Wilson and Ben Farmer
WHAT	ak	100	4	Philadelphia, Pa.	—Independence Brdcstg. Co.
WJAC	ak	100	3 (25)	Johnstown, Pa.	—WJAC, Inc., Locust St.
WLAK	z	100		Lakeland, Fla.	—Lake Region Brdcstg. Co.
WLBC	ak	100	(25)	Muncie, Ind.	—Donald A. Burton, Anthony Bldg.
WLNH	ak	100	M	Laconia, N. H.	—Northern Brdcstg. Co., 523 Main St.
WMBO	ak	100		Auburn, N. Y.	—WMBO, Inc., Metcalf Bldg.
WMFF	ak	100	(25)	Plattsburg, N. Y.	—Plattsburg Brdcstg. Corp.
WNBH	ak	100	M (25)	New Bedford, Mass.	—E. Anthony & Sons, Inc., 251 Union St.
WOL	ak	100	MXZ	Washington, D. C.	—American Brdcstg. Co., 1111 H St.
WRAW	ak	100		Reading, Pa.	—Reading Brdcstg. Co., 533 Penn St.
WROL	ak	100	B (25)	Knoxville, Tenn.	—Stuart Brdcstg. Corp., 524 S. Gay
WSAJ	ak	100		Grove City, Pa.	—Grove City College, 418 Poplar
WSGN	ak	100	B (25)	Birmingham, Ala.	—Birmingham News Co.
WSJS	ak	100	C	Winston-Salem, N. C.	—Piedmont Pub. Co., 416 N. Marshall
WTAL	ak	100		Tallahassee, Fla.	—Fla. Capital Brdcsters, Inc.
WTEL	ak	100	4	Philadelphia, Pa.	—Foulkrod Radio Eng. Co., 3701 N. Broad
WTJS	ak	100	(25)	Jackson, Tenn.	—Sun Pub. Co., Inc., Sun Bldg.
WTRC	ak	100	(25)	Elkhart, Ind.	—Truth Pub. Co., Inc., Hotel Elkhart
XEAG	z	10		Cordoba, Ver.	—Diodora Zuniga
XECW	ak	10		Mexico City, D. F.	—Ma. Elena Bravo de Cordero
XEFW	ak	250		Tampico, Tams.	—Jose Expedito Martinez, Madero 10
XETB	ak	125		Torreón, Coah.	—P. O. Box 225
XEX	ak	125		Monterrey, N. L.	—L. F. Petit Jean, Box 10

1320 keys. (227.1)

CMOX	ak	200	....	Havana, Cuba	—
KGHF	am	500	B	Pueblo, Colo.	—Curtis P. Ritchie, 113 Broadway
KGMB	ak	1000	C M	Honolulu, Hawaii	—Honolulu Brdcstg. Co., Box 581
KID	ak	500	(1)	Idaho Falls, Idaho	—KID Brdcstg. Co., Box 487
KRNT	ak	1000	C (5)	Des Moines, Iowa	—Iowa Brdcstg. Co., 715 Locust St.
WADC	ak	1000	C	Akron, Ohio	—Allen T. Simmons, Box 29
WORK	ak	1000	N	York, Pa.	—York Brdcstg. Co., 15 S. Beaver
WSMB	ak	1000	N	New Orleans, La.	—WSMB, Inc., Maison Blanche Bldg.

1330 keys. (225.4)

CMHK	z	250	....	Cruces, Cuba	—Virgilio Villanueva, Calle Heredia 61
KGB	ak	1000	M	San Diego, Calif.	—Don Lee Brdcstg. Sys., 1012—1st Ave.
KMO	ak	1000	M	Tacoma, Wash.	—KMO, Inc., 914½ Broadway
KRIS	z	500	B	Corpus Christi, Tex.	—Gulf Coast Brdcstg. Co.
KSCJ	ak	1000	C (5)	Sioux City, Iowa	—Sioux City Journal, 415 Douglas
WDRC	ak	1000	C (5)	Hartford, Conn.	—WDRC, Inc., 750 Main St.
WSAI	ak	1000	MR (2.5)	Cincinnati, Ohio	—Crosley Radio Corp., 1329 Arlington
WTAQ	ak	1000	C	Green Bay, Wis.	—WHBY, Inc., Bellin Bldg.

1340 keys. (223.7)

CMAB	z	....	....	Pinar del Rio, Cuba	—Hotel Ricardo
CMJL	z	75		Camaguey, Cuba	—M. Caymarea, Republica 181
KDTH	z	500	DP	Dubuque, Iowa	—Telegraph Herald
KGDY	ak	250	D	Huron, S. Dak.	—Voice of S. Dak., Inc., 347 Dakota St.
KGIR	ak	1000	N (2.5)	Butte, Mont.	—KGIR, Inc., 121 W. Broadway
KGNO	ak	250		Dodge City, Kans.	—Dodge City Brdcstg. Co.
WFOA	ak	500	CX	Pensacola, Fla.	—Pensacola Brdcstg. Co.
WFEA	ak	500	BM (1)	Machester, N. H.	—N. H. Brdcstg. Co., Carpenter Hotel
WSPD	ak	1000	B (5)	Toledo, Ohio	—The Fort Industry Co.
XEXD	z	350		Jalapa, Ver.	—Gobierno del E. de Ver.

1350 keys. (222.1)

CMCA	ak	450	....	Havana, Cuba	—Testar y Gonzales, Galliano 102
CMKW	z	....		Santiago, Cuba	—Reparto Vista Alegre
KIDO	ak	1000	B (2.5)	Boise, Idaho	—Boise Brdcstg. Station, Hotel Boise
KWK	ak	1000	BM (5)	St. Louis, Mo.	—Thomas Patrick, Inc., Hotel Chase

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

WAWZ	ak	500	1 (1)	Zarephath, N. J.	—Pillar of Fire
WBNX	ak	1000	1	New York, N. Y.	—WBNX Brdcastg. Co., 260 E. 161st.
WMBG	ak	500	R	Richmond, Va.	—Havens & Martin, 914 W. Broad St.

1360 keys. (220.4)

CMJH	dk	50	.....	Ciego de Avila, Cuba	—Luis Marauri H., Castilla 37
KCRC	ak	250	M	Enid, Okla.	—Enid Radiophone Co., Oxford Hotel
KGER	ak	1000	.....	Long Beach, Calif.	—Consolidated Brdcastg. Corp., 435 Pine St.
WCSC	ak	500	N (1)	Charleston, S. C.	—S. C. Brdcastg. Co., Francis Marion Hotel
WFBL	ak	1000	C (5)	Syracuse, N. Y.	—Onondaga Radio Brdcastg. Corp.
WGES	ak	500	1 (1)	Chicago, Ill.	—Oak Leaves Brdcastg. Sta.
WQBC	ak	1000	D	Vicksburg, Miss.	—Delta Brdcastg. Co., Inc., Hotel Vicksburg
WSBT	ak	500	1	South Bend, Ind.	—South Bend Tribune, 225 W. Colfax

1370 keys. (218.8)

CKCW	ak	100	F	Moncton, N. B.	—Moncton Brdcastg. Co., K. of P. Hall
CMGE	ak	150	.....	Cardenas, Cuba	—Genaro Sebatier, Av. Cespedes 180
KAST	ak	100	D	Astoria, Ore.	—Astoria Brdcastg. Co., 611 Commercial St.
KCMO	ak	100	.....	Kansas City, Mo.	—KCMO Brdcastg. Co.
KEEN	ak	100	3	Seattle, Wash.	—KVL, Inc., 2101 Smith Tower
KELD	z	100	.....	El Dorado, Ark.	—Radio Enterprises, Inc.
KERN	ak	100	B	Bakersfield, Calif.	—McClatchey Brdcastg. Co.
KFGO	ak	100	D	Boone, Iowa	—Boone Biblical College
KFJZ	ak	100	(.25)	Fort Worth, Texas	—Ft. Worth Brdcasters, Inc.
KFRD	ak	250	D	Longview, Texas	—Voice of Longview, Box 616
KGAR	ak	100	(.25)	Tucson, Arizona	—Tucson Motor Service, 142 S. 6th
KGFL	ak	100	4	Roswell, N. Mex.	—KGFL, Inc., 507 N. Main
KGKL	ak	100	(.25)	San Angelo, Texas	—KGGK, Inc., St. Angelus Hotel
KICA	ak	100	4	Dlovris, N. Mex.	—Western Brdcasters, Inc., Box 111
KIUP	ak	100	.....	Durango, Colo.	—San Juan Brdcastg. Co., 2800 Main St.
KLUF	ak	100	.....	Galveston, Texas	—Geo. R. Clough, Buccaneer Hotel
KMAC	ak	100	5 (.25)	San Antonio, Tex.	—W. W. McAllister, Smith-Young Tower
KOBH	ak	100	.....	Rapid City, S. Dak.	—Black Hills Brdcastg. Co.
KOKO	z	100	.....	La Junta, Colo.	—Southwest Brdcastg. Co.
KONO	ak	100	5	San Antonio, Tex.	—Mission Brdcastg. Co., Milam Bldg.
KRE	ak	100	(.25)	Berkeley, Calif.	—Cent. Calif. Brd., Inc.
KRKO	ak	50	3	Everett, Wash.	—Lee Mudgett, 2814 Rucker Ave.
KRMC	z	100	(.25)	Jamestown, N. D.	—Roberts McNab Co.
KSLM	ak	100	M	Salem, Ore.	—Oregon Radio, Inc., 343 Court St.
KTEM	ak	250	D	Temple, Texas	—Bell Brdcastg. Co.
KTKJ	bk	100	M	Oklahoma City, Ok.	—Okla. Brdcastg. Co., 1113 N. Broadway
KUJ	ak	100	.....	Walla Walla, Wash.	—KUJ, Inc., Marcus Whitman Hotel
KVGB	z	100	.....	Great Bend, Kans.	—Ernest Edward Ruehlen
KVRS	z	100	(.25)P	Rock Springs, Wyo.	—Wyoming Brdcastg. Co.
KWYO	ak	100	(.25)	Sheridan, Wyo.	—Big Horn Brdcastg. Co.
WABY	ak	100	B	Albany, N. Y.	—Adirondack Brdcastg. Co., Strand Theater
WAGF	ak	250	D	Dothan, Ala.	—Dothan Brdcastg. Co., Box 25
WATL	ak	100	(.25)	Atlanta, Ga.	—Atlanta Brdcastg. Co., 26 Cain St.
WBLK	ak	100	.....	Clarksburg, W. Va.	—The Exponent Corp.
WBNY	ak	100	2 (.25)	Buffalo, N. Y.	—Roy L. Albertson, 485 Main St.
WBTV	ak	100	(.25)	Danville, Va.	—Piedmont Brdcastg. Corp., Miller Bldg.
WCBM	ak	100	(.25)	Baltimore, Md.	—Baltimore Brdcastg. Co., Keith Theater
WDAS	ak	100	(.25)	Philadelphia, Pa.	—WDAS Brdcastg. Station, Inc.
WDWS	ak	100	D	Champaign, Ill.	—Champ. News-Gazette, Inc.
WEOA	z	100	C(.25)	Evansville, Ind.	—Evans. on the Air, Inc.
WFOR	ak	100	.....	Hattiesburg, Miss.	—Forrest Brdcastg. Co., Box 947
WGL	ak	100	.....	Fort Wayne, Ind.	—Westinghouse Radio Sta., Inc.
WGRC	ak	250	D	New Albany, Ind.	—North Side Brdcastg. Corp.
WHBQ	ak	100	.....	Memphis, Tenn.	—WHBQ, Inc., Hotel Claridge
WHDF	ak	100	(.25)	Calumet, Mich.	—Upper Mich. Brdcastg. Corp., Scott St.
WHLB	ak	100	(.25)	Virginia, Minn.	—Head of the Lakes Brdcastg. Co.
WIBM	ak	100	(.25)	Jackson, Mich.	—WIBM, Inc., 306 W. Michigan
WLLH	ak	100	MSy(.25)	Lowell, Mass.	—Merrimack Brdcastg. Co., Box D
WMBR	ak	100	C(.25)	Jacksonville, Fla.	—Fla. Brdcastg. Co., Carling Hotel
WMPD	ak	100	D	Wilmington, N. C.	—Richard A. Dunlea, Hotel Wilmington
WMFO	ak	100	D	Decatur, Ala.	—James R. Doss, Jr., Box 1025
WMIN	ak	100	(.25)	St. Paul, Minn.	—WMIN Brdcastg. Co.
WOC	ak	100	C(.25)	Davenport, Iowa	—Tri-City Brdcastg. Co., 1000 Brady St.
WPAY	ak	100	.....	Portsmouth, Ohio	—Veebee Corp.
WPRA	z	100	(.25)	Mayaguez, P. R.	—P. R. Advertising Co.
WRAK	ak	100	(.25)	Williamsport, Pa.	—WRAK, Inc., 244 W. 4th
WRDO	ak	100	M	Augusta, Maine	—WRDO, Inc., 1 Commercial St.
WRJN	ak	100	(.25)	Racine, Wis.	—Racine Brdcastg. Corp., Hotel Racine
WSAU	ak	100	.....	Wausau, Wis.	—Northern Brdcastg. Co.
WSVZ	ak	50	2D	Buffalo, N. Y.	—Seneca Voc. High School
XECZ	z	100	.....	San L. Pot., S.L.P.	—Zeferino Z. Jimenez
XEI	ak	125	.....	Morelia, Mich.	—Carlos Gutierrez M., Madero 545

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

XELZ z 100 Mexico City, D. F. —Aureliano Mirabel
 z 10-100 SyP Lawrence, Mass. —Merrimac Brdctg. Co.

1380 keys. (217.3)

KOH ak 500 C Reno, Nevada —The Bee, Inc., 440 N. Virginia
 KQV ak 500 C1 Pittsburgh, Pa. —KQV Brdctg. Co., 1406 C of C Bldg.
 WALA ak 500 C (1) Mobile, Ala. —Pape Brdctg. Co., Box 288
 WKBH ak 100 C La Crosse, Wis. —WKBH, Inc., 409 Main St.
 WNBC ak 250 D New Britain, Conn. —State Brdctg. Corp., 147 Main St.
 WSMK ak 200 C 1 Dayton, Ohio —WSMK, Inc., 121 N. Main

1390 keys. (215.7)

CJGX ak 100 F Yorkton, Sask. —J. Richardson & Sons, Ltd.
 CMJC z 150 Camaguey, Cuba —Felix Sanchez
 KLRA ak 1000 C (5) Little Rock, Ark. —Ark. Brdctg. Co., Box 550
 KOY ak 1000 C Phoenix, Ariz. —Salt River Brdctg. Co.
 KRLC ak 250 Lewiston, Idaho —H. E. Studebaker, Lewis-Clarke Hotel
 WHK ak 1000 BM (2.5) Cleveland, Ohio —Radio Air Corp., 1311 Terminal Tower
 WQDM dk 1000 D St. Albans, Vt. —Regan & Bostwick, 8 Kingman St.

1400 keys. (214.2)

CMGC ad 150 Matanzas, Cuba —Oscar Mechoso, Independencia 56
 CKKR z 100 Santiago, Cuba —Jaime Nadal, Calle B., Maso alta 71
 KHBC ak 250 CM Hilo, T. H. —Honolulu Brdctg. Co., Ltd., Box 595
 KLO ak 500 B Ogden, Utah —Interstate Brdctg. Corp.
 KTUL ak 500 C (1) Tulsa, Okla. —Tulsa Brdctg. Co., Inc.
 WBBC ak 500 2 (1) Brooklyn, N. Y. —Brooklyn Brdctg. Corp.
 WHDL ak 250 D Olean, N. Y. —WHDL, Inc., Exchange Bank
 WIRE ak 1000 MR (5) Indianapolis, Ind. —Indianapolis Brdctg., Inc
 WVFV ak 500 2 Brooklyn, N. Y. —Paramount Brdctg. Co., 4 & 5 Court Sq.

1410 keys. (212.6)

CKFC ak 50 5 Vancouver, B. C. —Standard Brdctg. System, Ltd.
 CKMO ak 100 5 Vancouver, B. C. —British Columbia Brdctg., Ltd.
 CMCO ak 250 Havana, Cuba —Calle Vista Alegre 90
 KFJM ak 500 (1) Grand Forks, N. D. —University of N. Dak.
 KGNC ak 1000 (2.5) B Amarillo, Texas —Plains Radio Brdctg. Co.
 KMED ak 250 N Medford, Ore. —Mrs. W. J. Virglin, Sparta Bldg.
 WAAB ak 500 M (1) Boston, Mass. —Yankee Network, Inc.
 WBCM ak 500 (1) Bay City, Mich. —Bay Brdctg. Co., Hotel Wenonah
 WHIS ak 500 (1) Bluefield, W. Va. —Daily Telegraph Ptg. Co., Bland St.
 WROK ak 500 (1) Rockford, Ill. —Rockford Broadcasters, Inc.
 WSFA ak 500 C (1) Montgomery, Ala. —Montgomery Brdctg. Co., Inc.

1420 keys. (211.1)

CKGB ak 100 F North Bay, Ont. —R. H. Thompson
 KABC ak 100 (.25) San Antonio, Texas —Alamo Brdctg. Co., Inc.
 KABR ak 100 Aberdeen, S. D. —Aberdeen Brdctg. Co.
 KATE z 250 DP Albert Lea, Minn. —Albert Lea Brdctg. Corp.
 KBPS ak 100 4 Portland, Ore. —Benson Polytechnic School
 KCMC ak 100 (.25) Texarkana, Tex. —KCMC, Inc.
 KEUB ak 100 Price, Utah —Eastern Utah Brdctg. Co.
 KFAM z 100 P St. Cloud, Minn. —Times Publishing Co.
 KFIZ ak 100 Fond du Lac, Wis. —Reporter Printing Co., Lange Bldg.
 KGFF ak 100 (.25) M Shawnee, Okla. —KGFF, Inc., 9th and Bell
 KGGC ak 100 San Francisco, Cal. —Golden Gate Brdctg. Co., 230 Eddy St.
 KGIW ak 100 1 Alamosa, Colo. —Leonard E. Wilson, Box 26
 KIDW ak 100 1 Lamar, Colo. —Southwest Brdctg. Co.
 KIUN ak 100 Pecos, Texas —J. H. Hawkins & B. H. Tubbs
 KLBZ z 100 (.25) P La Grande, Ore. —Harold M. Finley
 KNET ak 100 D Palestine, Texas —Palestine Brdctg. Ass'n.
 KORE ak 100 M Eugene, Ore. —Eugene Brdctg. Station, 733 Willamette
 KRBC ak 100 (.25) Abilene, Texas —Reporter Brdctg. Co., Box 263
 KRH z 100 D Midland, Texas —Clarence Scharbaour
 KTRI z 100 (.25) P Sioux City, Iowa —Sioux City Brdctg. Co.
 KUMA ak 100 Yuma, Ariz. —Dr. A. H. Schermann, Box 267

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

KWBG	ak	100	.....	Hutchinson, Kans.	—W. N. Greenwald
KXL	ak	100	4 (.25)	Portland, Ore.	—KXL Broadcasters, Multnomah Hotel
WACO	ak	100	C	Waco, Texas	—KTSA Brcdstg. Co.
WAGM	ak	100	.....	Presque Isle, Me.	—Aroostook Brcdstg. Corp., Main St.
WAO	ak	100	(.25)	Chattanooga, Tenn.	—W. A. Patterson, 9th Broad St.
WAZL	ak	100	2	Hazleton, Pa.	—Hazleton Brcdstg. Serv., Inc.
WCBS	ak	100	.....	Springfield, Ill.	—WCBS, Inc., 208½ S. 5th
WCHV	ak	100	3 (.25)	Charlottesville, Va.	—Community Brcdstg. Corp., Box 221
WEED	ak	100	3 (.25)	Rocky Mount, N. C.	—Wm. Avera Wynne, Box 221
WELL	ak	100	.....	Battle Creek, Mich.	—Enquirer News Co., 1 W. Michigan
WGPC	ak	100	.....	Albany, Ga.	—Americus Brcdstg. Corp.
WHFC	ak	100	(.25)	Cicero, Ill.	—WHFC, Inc., 6138 Cermak Rd.
WILM	aj	100	2	Wilmington, Del.	—Delaware Brcdstg. Corp., 920 King St.
WJMS	ak	100	.....	Ironwood, Mich.	—WJMS, Inc., St. James Hotel
WLAP	ak	100	(.25)	Lexington, Ky.	—American Brcdstg. Corp.
WLEU	ak	100	(.25) B	Erie, Pa.	—Leo J. Omelian, Commerce Bldg.
WMAS	ak	100	C (.25)	Springfield, Mass.	—WMAS, Inc., Hotel Stonehaven
WMBC	ak	100	(.25)	Detroit, Mich.	—Michigan Brcdstg. Co.
WMBH	ak	100	(.25)	Joplin, Mo.	—Joplin Brcdstg. Co., 1334 Roosevelt
WMBS	ak	250	D	Uniontown, Pa.	—Fayette Brcdstg. Corp.
WMFJ	ak	100	.....	Daytona Bch., Fla.	—W. W. Esch, 126½ Magnolia
WMSD	ak	100	.....	Sheffield, Ala.	—Muscle Shoals Brcdstg. Corp.
WNND	z	100	(.25) P	Watertown, N. Y.	—Black River Valley Broadcasts, Inc.
WPAD	ak	100	(.25)	Paducah, Ky.	—Paducah Brcdstg. Co., Inc., 2201 Broadway
WPAR	ak	100	C	Parkersburg, W. V.	—Ohio Valley Brcdstg. Corp.
WPRP	z	100	(.25)	Ponce, Puerto Rico	—Julio M. Conesa

1430 kcys. (209.7)

CMJP	ak	75	.....	Moron, Cuba	—Cesar Canall, Callejas 80
KECA	ak	1000	(5) B	Los Angeles, Cal.	—E. C. Anthony, Inc., 1000 S. Hope
KGNF	ak	1000	D	North Platte, Neb.	—Great Plains Brcdstg. Co., W. 12th St.
KSO	ak	500	BM (2.5)	Des Moines, Iowa	—Iowa Brcdstg. Co., 715 Locust St.
WBNS	ak	500	C (1)	Columbus, Ohio	—WBNS, Inc., 33 N. High St.
WHEC	ak	500	C (1)	Rochester, N. Y.	—WHEC, Inc., 40 Franklin St.
WHP	ak	500	C (1)	Harrisburg, Pa.	—WHP, Inc., 216 Locust St.
WMP5	ak	500	(1) B	Memphis, Tenn.	—Memphis Commercial Appeal, Box 445.
WOKO	ak	500	C (1)	Albany, N. Y.	—WOKO, Inc., Hotel Ten Eyck

1440 kcys. (208.2)

CMOA	z	150	.....	Havana, Cuba	—Juan Fernandez Duran, Aguilar 126
KDFN	ak	500	.....	Casper, Wyo.	—Donald Lewis Hathaway, Box 930
KELA	z	500	P	Centralia-Chehalis, Wn.	—Central Brcdstg. Corp.
KXYZ	ak	1000	B	Houston, Texas	—Harris County Brcdstg. Co., Gulf Bldg.
WBIG	ak	1000	C	Greensboro, N. C.	—N. C. Brcdstg. Co., Inc.
WCBA	aj	500	A	Allentown, Pa.	—B. B. Musselman, 39-41 Tenth St.
WMBD	ak	1000	C (5)	Peoria, Ill.	—Peoria Brcdstg. Co.
WSAN	aj	500	Na	Allentown, Pa.	—WSAN, Inc., 39 Tenth St.
XEFI	ak	250	.....	Chihuahua, Chih.	—Feliciano Lopez Isles, Aptdo. 157

1450 kcys. (206.8)

CFCT	ak	50	.....	Victoria, B. C.	—Victoria Brcdstg. Assn., 620 View St.
CHGS	ak	50	F	Summerside, P.E.I.	—R. T. Holman, Ltd., 190 Water St.
CMHM	z	100	.....	Cienfuegos, Cuba	—Hotel Union
KGCX	ak	1000	.....	Wolf Point, Mont.	—E. E. Krebsbach
KIEM	ak	500	M	Eureka, Calif.	—Redwood Brcdstg. Co., Vance Hotel
KTBS	ak	1000	N	Shreveport, La.	—Tri-State Brcdstg. System, Box 17
WAGA	ak	500	B (1)	Atlanta, Ga.	—Liberty Brcdstg. Co.
WGAR	ak	500	C (1)	Cleveland, Ohio	—WGAR Brcdstg. Co., Hotel Statler
WHOM	ak	250	.....	Jersey City, N. J.	—New Jersey Brcdstg. Corp.
WSAR	ak	1000	M	Fall River, Mass.	—Doughty & Welch Elec. Co., Inc.
XEF	ak	100	.....	Juarez, Chih.	—Box 70

1460 kcys. (205.4)

CMKF	z	250	.....	Holguin, Cuba	—Manuel J. DeGongora
KSTP	ak	10000	R (25)	St. Paul, Minn.	—National Battery Brcdstg. Co.
WJSV	ak	10000	C	Washington, D. C.	—Columbia Brcdstg. System, Earle Bldg.

1470 kcys. (204.0)

KGA	ak	5000	BM	Spokane, Wash.	—Louisa Wasmer, 1023 W. Riverside
WLAC	ak	5000	C	Nashville, Tenn.	—WLAC, Inc., 2421 West End Ave.

NORTH AMERICAN B. C. STATIONS BY FREQUENCIES

1480 kcys. (202.6)

KOMA	ak	5000	C	Oklahoma City, Ok.	—Hearst Radio, Inc., Biltmore Hotel
WHIP	z	5000	DP	Hammond, Ind.	—Hammond-Calumet Brcdstg. Corp.
WKWB	ak	5000	C	Buffalo, N. Y.	—Buffalo Brcdstg. Corp., Rand Bldg.

1490 kcys. (201.2)

KFBK	ak	5000	N X	Sacramento, Calif.	—McClatchey Brcdstg. Co., 708 I St.
WCKY	ak	10000	B	Covington, Ky.	—L. B. Wilson, Inc., 6th & Madison.

1500 kcys. (199.9)

CJIC	ak	100	....	S. S. Marie, Ont.	—Hyland & Whitby, Windsor Hotel
KAWM	z	100	....	Gallup, N. Mex.	—A. W. Mills
KBIX	ak	100	M	Muskogee, Okla.	—Muskogee Press, Barnes Bldg.
KBST	z	100	....	Big Spring, Texas	—Big Spring Herald Brcdstg. Co.
KDAL	ak	100	C	Duluth, Minn.	—Red River Brcdstg. Co., Inc.
KDB	ak	100	M(.25)	Santa Barbara, Cal.	—Santa Barbara Brcdsters., Ltd.
KGFI	ak	100	(.25)	Brownsville, Tex.	—Eagle Brcdstg. Co., Inc.
KGKB	ak	100	(.25)	Tyler, Texas	—East Texas Brcdstg. Co., 115 S. College
KGKY	ak	100	(.25)	Scottsbluff, Neb.	—Hilliard Co., Inc., 1517 1/2 Broadway
KNEL	ak	250	D	Brady, Texas	—G. L. Burns, Box 1077
KNOW	ak	100	C	Austin, Texas	—KUT Brcdstg. Co., Norwood Bldg.
KOTN	ak	100	D	Pine Bluff, Ark.	—Universal Brcdstg. Corp., Hotel Pines
KOVC	ak	100	....	Valley City, N. D.	—KOVC, Inc.
KPLC	ak	100	(.25)	Lake Charles, La.	—Calcasieu Brcdstg. Co., Majestic Hotel
KPLT	z	250	D	Paris, Texas	—North Texas Brcdstg. Co.
KPQ	ak	100M	(.25)	Wenatchee, Wash.	—Westcoast Brcdstg. Co., 20—2nd St.
KRNR	ak	100M	(.25)	Roseburg, Ore.	—News-Review Co.
KROD	ak	100	P	El Paso, Texas	—Dorrence D. Roderick
KRAL	ak	100	(.25)	Salina, Kans.	—R. J. Laubengayer, Journal Bldg.
KUTA	z	100	P	Salt Lake City, Ut.	—Utah Broadcasting Co.
KVOE	ak	100	M	Santa Ana, Calif.	—Voice of Orange Empire, Ltd.
KXO	ak	100	....	El Centro, Calif.	—F. M. Bowles, Box 140
WCNW	ak	100	I(.25)	Brooklyn, N. Y.	—Arthur Paske, 846 Flatbush
WDNC	ak	100	C	Durham, N. C.	—Durham Radio Corp., Washington Duke Hotel
WGAL	ak	100	(.25)	Lancaster, Pa.	—WGAL, Inc., 8 W. King St.
WHBB	ak	100	(.25)	Selma, Ala.	—Selma Brcdstg. Co., Inc., Box 26
WHEF	ak	100	(.25)	Kosciusko, Miss.	—Attala Brcdstg. Co., Box 631
WJBK	ak	100	(.25)	Detroit, Mich.	—Jas. F. Hopkins, Inc., 6559 Hamilton
WKAT	z	100	P	Miami Beach, Fla.	—A. Frank Katzentine
WKBB	ak	100	(.25)	E. Dubuque, Ill.	—Sanders Bros., Hotel Julian
WKBV	ak	100	(.25)	Richmond, Ind.	—Knox Radio Corp., Box 308
WKBZ	ak	100	(.25)	Muskegon, Mich.	—Karl L. Ashbacher, Mich. Theater
WKEU	ak	100	D	Griffin, Ga.	—Station WKEU, 906 Hill St.
WMBQ	ak	100	I	Brooklyn, N. Y.	—Metropolitan Brcdstg. Corp., 95 Leonard
WMEX	ak	100	(.25)	Boston, Mass.	—The Northern Corp., Hotel Manager
WNBF	ak	100	C(.25)	Binghamton, N. Y.	—Howitt-Wood Radio Co., Arlington Hotel
WNLC	ak	100	DM	New London, Conn.	—Thames Brcdstg. Corp., Mohican Hotel.
WOMI	z	100	P	Owensboro, Ky.	—Owensboro Brcdstg. Co.
WOPJ	ak	100	....	Bristol, Tenn.	—Radiophone Station WOPJ, 22nd & State
WRDW	ak	100	C(.25)	Augusta, Ga.	—Augusta Brcdstg. Co., Inc., 309-8th
WRGA	ak	100	(.25)	Rome, Ga.	—Rome Brcdstg. Corp., 10 Third
WRIT	z	100	B	Richmond, Va.	—Times Dispatch Pub. Co.
WSYB	ak	100	....	Rutland, Vt.	—Phillip Weiss Music Co., Box 328
WTMV	ak	100	(.25)	E. St. Louis, Ill.	—Miss. Valley Brcdstg. Co.
WWRL	ak	100	I(.25)	Woodside, N. Y.	—Long Isl. Brcdstg. Co.
WWSW	ak	100	(.25)	Pittsburgh, Pa.	—Walker & Downing Radio Corp., Hotel Keystone

1510 kcys. (198.6)

CFRC	ak	100	F	Kingston, Ont.	—Queen's University, Fleming Hall
CKCR	ak	100	....	Waterloo, Ont.	—K. W. Brcdstg. Co., 24 King St. S.

1530 kcys. (196.0)

KXBY	ak	1000	....	Kansas City, Mo.	—First Natl. Television Inc., 106 W. 14th
WBRV	ak	1000	M	Waterbury, Conn.	—American Republican, Inc., 136 Grand

1550 kcys. (193.4)

KPMC	ak	1000	M	Bakersfield, Calif.	—Pioneer Mercantile Co.
WQXR	ak	1000	....	New York, N. Y.	—Interstate Brcdstg. Co., 730 Fifth Ave.

NORTH AMERICAN B. C. STATIONS BY LOCATIONS

Frequency in kilocycles in second column. Night power in watts in third column. Net work affiliations in fourth column. C Columbia, R National Red, B National Blue, N National Red and Blue. F Canadian, M Mutual.

ALABAMA	CALIFORNIA	Santa Barbara	FLORIDA
Birmingham	Bakersfield	KDB 1500 100M	Clearwater
WAPI 1140 5000 N	KERN 1370 100 B	KTMS 1220 500	WFLA 620 1000 N
WBRC 930 1000 C	KPMC 1550 1000M	Santa Rosa	Daytona Beach
WSGN 1310 100 B	Berkeley	KSRO 1310 250	WMFJ 1420 100
Decatur	KRE 1370 100	Stockton	Gainesville
WMFO 1370 100	Beverly Hills	KGDM 1100 1000M	WRUF 830 5000
Dothan	KMPC 710 500	KWG 1200 100 N	Jacksonville
WAGF 1370 250	Chico	Visalia	WJAX 900 1000 N
Gadsden	KHSL 1260 250	KTKC 1190 250	WMBR 1370 100 C
WJBY 1210 100	El Centro	Watsonville	Lakeland
Huntsville	KXO 1500 100	KHUB 1310 250	WLAK 1310 100
WBHP 1200 100	Eureka	COLORADO	Miami
Mobile	KIEM 1450 500M	Alamosa	WIOD 610 1000 N
WALA 1380 500 C	Fresno	KGIV 1420 100	WMBF 610 1000
Montgomery	KARM 1310 100	Colorado Springs	WQAM 560 1000 C
WSFA 1410 500 C	KMJ 580 1000 N	KVOR 1270 1000 C	Miami Beach
Sculma	Glendale	Denver	WKAT 1500 100
WHBB 1500 100	KIEV 850 250	KFEL 920 500M	Orlando
Sheffield	Hollywood	KLZ 560 1000 C	WDBO 580 1000 C
WMSD 1420 100	KFWB 950 1000	KOA 830 50000 N	Pensacola
Tuscaloosa	Long Beach	KPOF 880 500	WCOA 1340 500 C
WJRD 1200 250	KFOX 1250 1000	KVOD 920 500 B	St. Augustine
ALASKA	KGER 1360 1000	Durango	WFOY 1210 100
Anchorage	Los Angeles	KIUP 1370 100	St. Petersburg
KFQD 780 250	KECA 1430 1000 B	Grand Junction	WSUN 620 1000 N
Juneau	KEHE 780 1000	KFXJ 1200 100	Tallahassee
KINY 1310 100	KFAC 1300 1000	Greeley	WTAL 1310 100
Ketchikan	KFI 640 50000 R	KPKA 880 500M	Tampa
KGBU 900 500	KFSG 1120 500	La Junta	WDAA 1220 1000 C
ARIZONA	KFVD 1000 1000	KOKO 1370 100	West Palm Beach
Jerome	KGFJ 1200 100	Lamar	WJNO 1200 100 C
KCRJ 1310 100	KHJ 900 1000M	KIDW 1420 100	GEORGIA
Lowell	KMTR 570 1000	Pueblo	Albany
KSUN 1200 100	KNX 1050 50000 C	KGHF 1320 500 B	WGPC 1420 100
Phoenix	KRKD 1120 500	Sterling	Atlanta
KOY 1390 1000 C	Merced	KGEK 1200 100	WAGA 1450 500
KTAR 620 1000 N	KYOS 1040 250	CONNECTICUT	WATL 1370 100
Tucson	Modesto	Bridgeport	WGST 890 1000 C
KGAR 1370 100	KTRB 740 250	WICC 600 500M	WSB 740 50000 N
KVOA 1260 1000	Monterrey	Hartford	Augusta
Yuma	KDON 1210 100M	WDRG 1330 1000 C	WRDW 1500 100 C
KUMA 1420 100	Oakland	WTIC 1040 50000 R	Columbus
ARKANSAS	KLS 1280 250	WTHT 1200 100M	WRBL 1200 100
Blytheville	KLX 880 1000	New Britain	Griffin
KLCN 1290 100	KROW 930 1000	WNBC 1380 250	WKEU 1500 100
El Dorado	Pasadena	New Haven	Macon
KELD 1370 100	KPPC 1210 100	WELI 900 500	WMAZ 1180 1000 C
Fort Smith	Redding	New London	Rome
KFPW 1210 100	KVCV 1200 100	WNLC 1500 100M	WRGA 1500 100
Hot Springs	Sacramento	Waterbury	Savannah
KTHS 1060 10000 N	KFBK 1490 5000 N	WATR 1190 100	WTQC 1260 1000 C
Jonesboro	KROY 1210 100	WBRY 1530 1000M	Thomasville
KBTM 1200 100	San Bernardino	DELAWARE	WPAX 1210 100
Little Rock	KFXM 1210 100M	Wilmington	Waycross
KARK 890 500 B	San Diego	WDEL 1120 250 R	WAYX 1200 100
KGHI 1200 100	KFSD 600 1000 B	WILM 1420 100	HAWAII
KLRA 1390 1000 C	KGB 1330 1000M	DISTRICT OF COLUMBIA	Hilo
Pine Bluff	San Francisco	Washington	KIIBC 1400 250M
KOTN 1500 100	KERC 610 1000M	WJSV 1460 10000 C	Honolulu
Siloam Springs	KGGC 1420 100	WMAL 630 250 B	KGMB 1320 1000 C
KUOA 1260 5000	KGO 790 7500 B	WOL 1310 100M	KGU 750 2500 N
	KJBS 1070 500	WRC 950 500 R	IDAHO
	KPO 680 50000 R		Boise
	KSFO 560 1000 C		KIDO 1350 1000 B
	KYA 1230 1000		
	San Jose		
	KQW 1010 1000M		
	San Luis Obispo		
	KVEC 1200 250		
	Santa Ana		
	KVOE 1500 100M		

NORTH AMERICAN B. C. STATIONS BY LOCATIONS

<p>Coeur d'Alene KGCI 1200 100 Idaho Falls KID 1320 500 Lewiston KRLC 1390 250 Nampa KFXD 1200 100 Pocatello KSEI 900 250 Twin Falls KTFI 1240 1000</p>	<p>Fort Wayne WGL 1370 100 WOWO 1160 10000 B Gary WIND 560 1000 Hammond WHHP 1480 5000 WWAE 1200 100 Indianapolis WFBM 1230 1000 C WGVA 1050 1000 WIRE 1400 1000 R Muncie WLCB 1310 100 New Albany WGRC 1370 250 Richmond WKBV 1500 100 South Bend WFAM 1200 100 WSBT 1360 500 Terre Haute WBOW 1310 100 B West Lafayette WBAA 890 500</p>	<p>Kansas City KCKN 1310 100 Lawrence KFKU 1220 1000 WREN 1220 1000 B Manhattan KSAC 580 500 Pittsburg KOAM 790 1000 N Salina KSAL 1500 100 Topeka WIBW 580 1000 C Wichita KANS 1210 100 B KFH 1300 1000 C</p>	<p style="text-align: center;">MARYLAND</p> <p>Baltimore WBAL 760 2500 B WBAL 1060 10000 B WCAO 600 500 C WCBM 1370 100 R WFBR 1270 500 R College Park W3XJ 1060 100 Cumberland WTBO 800 250 Frederick WFMD 900 500 Hagerstown WJEJ 1210 50 Salisbury WSAL 1200 250</p>
<p>ILLINOIS</p>			
<p>Bloomington WJBC 1200 100 Carthage WCAZ 1070 100 Champaign WDWS 1370 100 Chicago WAAF 920 1000 WBBM 770 50000 C WCBD 1080 5000 WCFL 970 5000 B WCRW 1210 100 WEDC 1210 100 WENR 870 50000 B WGES 1360 500 WGN 720 50000M WJJD 1130 20000 WLS 870 50000 N WMAQ 670 50000 R WMBI 1080 5000 WSBC 1210 100 Cicero WHFC 1420 100 Decatur WJBL 1200 100 East Dubuque WKBB 1500 100 East St. Louis WTMV 1500 100 Harrisburg WEBQ 1210 100 Joliet WCLS 1310 100 Peoria WMBD 1440 1000 C Quincy WTAD 960 1000 Rockford WROK 1410 500 Rock Island WHBF 1210 100 Springfield WCBS 1420 100 WTAX 1210 100 Tuscola WDZ 1020 250 Urbana WILL 580 1000</p>	<p style="text-align: center;">IOWA</p> <p>Ames WOI 640 5000 Boone KFGQ 1370 100 Cedar Rapids WMT 600 1000 B Davenport WOC 1370 100 C Decorah KGCA 1270 100 KWLC 1270 100 Des Moines KRNT 1320 1000 C KSO 1430 500 B WHO 1000 50000 R Dubuque KDTH 1340 500 Iowa City WSUI 880 500 Marshalltown KFJB 1200 100 Mason City KGLO 1210 100 C Shenandoah KFNF 890 500 KMA 930 1000 Sioux City KSCJ 1330 1000 C KTRI 1420 100</p>	<p style="text-align: center;">KENTUCKY</p> <p>Ashland WCMI 1310 100 Covington WCXY 1490 10000 B Lexington WLAP 1420 100 Louisville WAVE 940 1000 N WHAS 820 50000 C Middlesboro WLMU 1210 100 Owensboro WOMI 1500 100 Paducah WPAD 1420 100</p>	<p style="text-align: center;">MASSACHUSETTS</p> <p>Boston WAAB 1410 500M WBZ 990 50000 B WCOP 1120 500 WEEL 590 1000 C WHDH 830 1000 WMEX 1500 100 WNAC 1230 1000 R WORL 920 500 Fall River WSAR 1450 1000M Lawrence WLAW 680 1000 1370 10-100 Lowell WLLH 1370 100M New Bedford WNBH 1310 100M Pittsfield WBRK 1310 100 Springfield WBZA 990 1000 B WMAS 1420 100 C WSPR 1140 500M Worcester WORC 1280 500 C WTAG 580 1000 R</p>
		<p>KANSAS</p>	
	<p>Abilene KFBI 1050 5000 Coffeyville KGGE 1010 1000M Dodge City KGNO 1340 250 Garden City KIUL 1210 100 Great Bend KVGB 1370 100 Hutchinson KWBG 1420 100</p>	<p style="text-align: center;">LOUISIANA</p> <p>Alexandria KALB 1210 100 Baton Rouge WJBO 1120 500 B Lafayette KVOL 1310 100 Lake Charles KPLC 1500 100 Monroe KMLB 1200 100 New Orleans WBNO 1200 100 WDSU 1250 1000 B WJBW 1200 100 WSMB 1320 1000 N WWL 850 10000 C Shreveport KRMD 1310 100 KTBS 1450 1000 N KWKH 1100 10000 C</p>	<p style="text-align: center;">MICHIGAN</p> <p>Battle Creek WELL 1420 100 Bay City WBCM 1410 500 Calumet WHDF 1370 100 Detroit WJBK 1500 100 WJR 920 50000 C WMBC 1420 100 WWJ 920 5000 R WXYZ 1240 1000 B East Lansing WKAR 850 1000 Flint WFDF 1310 100 Grand Rapids WASH 1270 500 N WOOD 1270 500 N Ironwood WJMS 1420 100 Jackson WIBM 1370 100</p>
	<p>INDIANA</p>		
<p>Anderson WHBU 1210 100 Elkhart WTRC 1310 100 Evansville WEOA 1370 100 C WGBF 630 500 B</p>			

NORTH AMERICAN B. C. STATIONS BY LOCATIONS

<p>Kalamazoo WKZO 590 1000 B</p> <p>Lansing WJTM 1210 100</p> <p>Lapeer WMPC 1200 100</p> <p>Marquette WBEO 1310 100</p> <p>Muskegon WKBZ 1500 100</p> <p>Royal Oak WEXL 1310 50</p> <p>Saginaw WHAL 950 500</p> <p style="text-align: center;">MINNESOTA</p> <p>Albert Lea KATE 1420 250</p> <p>Duluth KDAL 1500 100 C WEBC 1290 1000 N</p> <p>Fergus Falls KGDE 1200 100</p> <p>Hibbing WMFG 1210 100</p> <p>Minneapolis WCCO 810 50000 C WDGY 1180 1000 WLB 1250 1000 WTCN 1250 1000 B</p> <p>Moorhead KVOX 1310 100</p> <p>Northfield WCAL 1250 1000</p> <p>Rochester KROC 1310 100</p> <p>St. Cloud KFAM 1420 100</p> <p>St. Paul KSTP 1460 10000 R WMIN 1370 100</p> <p>Virginia WHLB 1370 100</p> <p>Winona KWNO 1200 250</p> <p style="text-align: center;">MISSISSIPPI</p> <p>Grenada WGRM 1210 100</p> <p>Gulfport WGCM 1210 100</p> <p>Hattiesburg WFOR 1370 100</p> <p>Jackson WJDX 1270 1000 N</p> <p>Kosciusko WHEF 1500 100</p> <p>Laurel WAML 1310 100</p> <p>Meridian WCOC 880 500 C</p> <p>Vicksburg WQBC 1360 1000</p> <p style="text-align: center;">MISSOURI</p> <p>Cape Girardeau KFVS 1210 100</p> <p>Columbia KFRR 630 500</p> <p>Jefferson City KWOS 1310 100</p> <p>Joplin WMBH 1420 100</p>	<p style="text-align: center;">Kansas City</p> <p>KCMO 1370 100 KMBC 950 1000 C KXBY 1530 1000 WDAF 610 1000 R WHB 860 1000M</p> <p style="text-align: center;">St. Joseph</p> <p>KFEQ 680 2500</p> <p style="text-align: center;">St. Louis</p> <p>KFUO 550 500 KMOX 1090 50000 C KSD 550 1000 R KWK 1350 1000 B WEW 760 1000 WIL 1200 100</p> <p style="text-align: center;">Springfield</p> <p>KGBX 1230 500 KWTO 560 5000</p> <p style="text-align: center;">MONTANA</p> <p style="text-align: center;">Billings</p> <p>KGHL 780 1000 N</p> <p style="text-align: center;">Butte</p> <p>KGR 1340 1000 N</p> <p style="text-align: center;">Great Falls</p> <p>KFBB 1280 1000 C</p> <p style="text-align: center;">Helena</p> <p>KPFA 1210 100 Kalispell KGEZ 1310 100</p> <p style="text-align: center;">Lewistown</p> <p>KDNC 1200 100</p> <p style="text-align: center;">Missoula</p> <p>KGVO 1260 1000 C Wolf Point KGCX 1450 1000</p> <p style="text-align: center;">NEBRASKA</p> <p style="text-align: center;">Clay Center</p> <p>KMMJ 740 1000</p> <p style="text-align: center;">Kearney</p> <p>KGFW 1310 100</p> <p style="text-align: center;">Lincoln</p> <p>KFAB 770 10000 C KFOR 1210 100 C</p> <p style="text-align: center;">Norfolk</p> <p>WJAG 1060 1000</p> <p style="text-align: center;">North Platte</p> <p>KGNF 1430 1000</p> <p style="text-align: center;">Omaha</p> <p>KOIL 1260 1000 B WAAW 660 500 WOW 590 1000 R</p> <p style="text-align: center;">Scottsbluff</p> <p>KGKY 1500 100</p> <p style="text-align: center;">NEVADA</p> <p style="text-align: center;">Reno</p> <p>KOH 1380 500 C</p> <p style="text-align: center;">NEW HAMPSHIRE</p> <p style="text-align: center;">Laconia</p> <p>WLNH 1310 100M</p> <p style="text-align: center;">Manchester</p> <p>WFEA 1340 500 B</p> <p style="text-align: center;">Portsmouth</p> <p>WHEB 740 250</p> <p style="text-align: center;">NEW JERSEY</p> <p style="text-align: center;">Asbury Park</p> <p>WCAP 1280 500</p>	<p style="text-align: center;">Atlantic City</p> <p>WPG 1100 5000 C</p> <p style="text-align: center;">Bridgeton</p> <p>WSNJ 1210 100</p> <p style="text-align: center;">Camden</p> <p>WCAM 1280 500</p> <p style="text-align: center;">Jersey City</p> <p>WAAT 940 500 WHOM 1450 250</p> <p style="text-align: center;">Newark</p> <p>WHBI 1250 1000 WOR 710 50000M</p> <p style="text-align: center;">Red Bank</p> <p>WBRB 1210 100</p> <p style="text-align: center;">Trenton</p> <p>WTNJ 1280 500</p> <p style="text-align: center;">Whippany</p> <p>W3XD ... 50000</p> <p style="text-align: center;">Zarephath</p> <p>WAWZ 1350 500</p> <p style="text-align: center;">NEW MEXICO</p> <p style="text-align: center;">Albuquerque</p> <p>KGGM 1230 1000 KOB 1180 10000 B</p> <p style="text-align: center;">Carlsbad</p> <p>KLAH 1210 100</p> <p style="text-align: center;">Clovis</p> <p>KICA 1370 100</p> <p style="text-align: center;">Gallup</p> <p>KAWM 1500 100</p> <p style="text-align: center;">Roswell</p> <p>KGFL 1370 100</p> <p style="text-align: center;">Santa Fe</p> <p>KRQA 1310 100</p> <p style="text-align: center;">NEW YORK</p> <p style="text-align: center;">Albany</p> <p>WABY 1370 100 WOKO 1430 500 C</p> <p style="text-align: center;">Auburn</p> <p>WMBO 1310 100</p> <p style="text-align: center;">Binghamton</p> <p>WBNF 1500 100 C</p> <p style="text-align: center;">Brooklyn</p> <p>WBBC 1400 500 WBBR 1300 1000 WCNW 1500 100 WMBO 1500 100 WVFW 1400 500</p> <p style="text-align: center;">Buffalo</p> <p>WBEN 900 1000 R WBNY 1370 100 WBR 1310 100 B WGR 550 1000 C WKBW 1480 5000 C WSVS 1370 50</p> <p style="text-align: center;">Canton</p> <p>WCAD 1220 500</p> <p style="text-align: center;">Elmira</p> <p>WESG 850 1000 C</p> <p style="text-align: center;">Freeport</p> <p>WGBB 1210 100</p> <p style="text-align: center;">Jamestown</p> <p>WJTN 1210 100 B</p> <p style="text-align: center;">Newburgh</p> <p>WGNV 1210 100</p> <p style="text-align: center;">New York</p> <p>WABC 860 50000 C WBIL 1100 5000 WBNX 1350 1000</p>	<p>WBOQ 860 50000 WEAF 660 50000 R WEVD 1300 1000 WEAB 1300 1000 WHN 1010 1000 WINS 1180 1000 WJZ 760 50000 B WMCA 570 1000 WNEW 1250 1000 WNYC 810 1000 WOV 1130 1000 WOXR 1550 1000</p> <p style="text-align: center;">Olean</p> <p>WHDL 1400 250</p> <p style="text-align: center;">Plattsburg</p> <p>WMFF 1310 100</p> <p style="text-align: center;">Rochester</p> <p>WHAM 1150 50000 B WHCC 1430 500 C WSAY 1210 100</p> <p style="text-align: center;">Saranac Lake</p> <p>WNBZ 1290 100</p> <p style="text-align: center;">Schenectady</p> <p>WGY 790 50000 R</p> <p style="text-align: center;">Syracuse</p> <p>WFBL 1360 1000 C WSYR 570 1000 B</p> <p style="text-align: center;">Troy</p> <p>WHAZ 1300 1000</p> <p style="text-align: center;">Utica</p> <p>WIBX 1200 100 C</p> <p style="text-align: center;">Watertown</p> <p>WNNY 1420 100</p> <p style="text-align: center;">White Plains</p> <p>WFAS 1210 100</p> <p style="text-align: center;">Woodside</p> <p>WWRL 1500 100</p> <p style="text-align: center;">NORTH CAROLINA</p> <p style="text-align: center;">Asheville</p> <p>WWNC 570 1000 N</p> <p style="text-align: center;">Charlotte</p> <p>WBT 1080 50000 C WSOC 1210 100 N</p> <p style="text-align: center;">Durham</p> <p>WDNC 1500 100 C</p> <p style="text-align: center;">Greensboro</p> <p>WBIG 1440 1000 C</p> <p style="text-align: center;">High Point</p> <p>WMFR 1200 100</p> <p style="text-align: center;">Kinston</p> <p>WFTC 1200 100</p> <p style="text-align: center;">Raleigh</p> <p>WPTF 680 1000 N</p> <p style="text-align: center;">Rocky Mount</p> <p>WEED 1420 100</p> <p style="text-align: center;">Wilmington</p> <p>WMFD 1370 100</p> <p style="text-align: center;">Wilson</p> <p>WGTM 1310 100 Winston-Salem WAIR 1250 250 WSJS 1810 100 C</p> <p style="text-align: center;">NORTH DAKOTA</p> <p style="text-align: center;">Bismarck</p> <p>KFYR 550 1000 N</p> <p style="text-align: center;">Devils Lake</p> <p>KDLR 1210 100</p> <p style="text-align: center;">Fargo</p> <p>WDAY 940 1000 N</p> <p style="text-align: center;">Grand Forks</p> <p>KFMJ 1410 500</p>
---	--	--	--

NORTH AMERICAN B. C. STATIONS BY LOCATIONS

<p>Jamestown KRMC 1370 100 Mandan KGCU 1240 250 Minot KLPM 1240 250 Valley City KOVC 1500 100</p> <hr/> <p style="text-align: center;">OHIO</p> <hr/> <p>Akron WADC 1320 1000 C WJW 1210 100 Ashtabula WICA 940 250 Canton WHBC 1200 100 Cincinnati WCPO 1200 100 WKRC 550 1000 C WLW 700 500000 N WSAI 1330 1000 R WEXO 700 500000 Cleveland WCLE 610 500M WGAR 1450 500 C WHK 1390 1000 B WTAM 1070 50000 R Columbus WBNS 1430 500 C WCOL 1210 100 N WHKC 640 500 WOSU 570 750 Dayton WHIO 1260 1000 C WSMK 1380 200 C Lima WBLY 1210 100 Portsmouth WPAY 1370 100 Toledo WSPD 1340 1000 B WTOL 1200 100 Youngstown WKBN 570 500 C Zanesville WALR 1210 100</p> <hr/> <p style="text-align: center;">OKLAHOMA</p> <hr/> <p>Ada KADA 1200 100M Ardmore KYSO 1210 100M Elk City KASA 1210 100M Enid KCRC 1360 250M Muskogee KBIX 1500 100M Norman WNAD 1010 1000 Oklahoma City KFXR 1310 100 KOMA 1480 5000 C KTOK 1370 100M WKY 900 1000 N Okmulgee KHBC 1210 100 Ponca City WBZ 1200 100M Shawnee KGFF 1420 100M</p>	<p>Tulsa KTUL 1400 500 C KVOO 1140 25000 N</p> <hr/> <p style="text-align: center;">OREGON</p> <hr/> <p>Astoria KAST 1370 100 Corvallis KOAC 550 1000 Eugene KORE 1420 100M Klamath Falls KFJI 1210 100 La Grande KLBK 1420 100 Marshfield KOOS 1200 100 Medford KMED 1410 250 N Portland KALE 1300 500 C KBPS 1420 100 KEX 1180 5000 B KGW 620 1000 R KOIN 940 1000 C KWJJ 1040 500 KXL 1420 100 Roseburg KRNR 1500 100M Salem KSLM 1370 100M</p> <hr/> <p style="text-align: center;">PENNSYLVANIA</p> <hr/> <p>Allentown WCBA 1440 500 WSN 1440 500 N Altoona WFBG 1310 100 Easton WEST 1200 100 Erie WLEU 1420 100 B Glenside WBG 970 100 Greensburg WHJB 620 250 C Grove City WSAJ 1310 100 Harrisburg WHP 1430 500 C WKBO 1200 100 Hazleton WAZL 1420 100 Johnstown WJAC 1310 100 Lancaster WGAL 1500 100 Philadelphia KYW 1020 10000 R WCAU 1170 50000 C WDas 1370 100 WFL 560 1000 B WHAT 1310 100 WIP 610 1000 WPEN 920 1000 WRAX 920 1000 WTEL 1310 100 Pittsburgh KDKA 980 50000 B KOV 1380 500 C WCAE 1220 1000 R WJAS 1290 1000 C WWSW 1500 100</p>	<p>Reading WEEU 830 1000 WRAW 1310 100</p> <hr/> <p>Scranton WGBI 880 500 WQAN 880 500</p> <hr/> <p>Sunbury WKOK 1210 100</p> <hr/> <p>Uniontown WMBS 1420 250</p> <hr/> <p>Wilkes-Barre WBAX 1210 100 WBRE 1310 100</p> <hr/> <p>Williamsport WRAK 1370 100 York WORK 1320 1000 N</p> <hr/> <p style="text-align: center;">PUERTO RICO</p> <hr/> <p>Mayaguez WPR 1370 100 Ponce WPRP 1420 100 San Juan WKAO 1240 1000 WNEL 1290 1000</p> <hr/> <p style="text-align: center;">RHODE ISLAND</p> <hr/> <p>Providence WEAN 780 1000M WJAR 890 1000 R WPRO 630 500 C</p> <hr/> <p style="text-align: center;">SOUTH CAROLINA</p> <hr/> <p>Anderson WAIM 1200 100 C Charleston WCSC 1360 500 N Columbia WIS 560 1000 N Florence WOLS 1200 100 Greenville WFBC 1300 1000 N Spartanburg WSPA 920 1000</p> <hr/> <p style="text-align: center;">SOUTH DAKOTA</p> <hr/> <p>Aberdeen KABR 1420 100 Brookings KFDY 780 1000 Huron KGDY 1340 250 Pierre KGFX 630 200 Rapid City KOBI 1370 100 WCAT 1200 100 Sioux Falls KELO 1200 100 N KSOO 1110 2500 B Vermillion KUSD 890 500 Watertown KWTN 1210 100 Yankton WNAX 570 1000 C</p> <hr/> <p style="text-align: center;">TENNESSEE</p> <hr/> <p>Bristol WOPI 1500 100</p>	<p>Chattanooga WAPO 1420 100 WDOD 1280 1000 C</p> <hr/> <p>Jackson WTJS 1310 100</p> <hr/> <p>Knoxville WNOX 1010 1000 C WROL 1310 100 B</p> <hr/> <p>Memphis WHBO 1370 100 WMC 780 1000 N WMPS 1430 500 B WREC 600 1000 C</p> <hr/> <p>Nashville WLAC 1470 5000 C WSIX 1210 100 WSM 650 50000 N</p> <hr/> <p style="text-align: center;">TEXAS</p> <hr/> <p>Abilene KRBC 1420 100</p> <hr/> <p>Amarillo KGNC 1410 1000 B</p> <hr/> <p>Austin KNOW 1500 100 C KTBC 1120 1000</p> <hr/> <p>Beaumont KFDM 560 500 B</p> <hr/> <p>Big Spring KBST 1500 100</p> <hr/> <p>Brady KNEL 1500 250</p> <hr/> <p>Brownsville KGFI 1500 100</p> <hr/> <p>College Station WTAW 1120 500</p> <hr/> <p>Corpus Christi KRIS 1330 500 B</p> <hr/> <p>Corsicana KAND 1310 100</p> <hr/> <p>Dallas KRLD 1040 1000 C WFAA 800 50000 N WRR 1280 500M</p> <hr/> <p>Dublin KFPL 1310 100</p> <hr/> <p>El Paso KROD 1500 100 KTSM 1310 100 WDAH 1310 100</p> <hr/> <p>Fort Worth KFJZ 1370 100 KTAT 1240 1000M WBAP 800 50000 N</p> <hr/> <p>Galveston KLUF 1370 100 Greenville KGVL 1200 100</p> <hr/> <p>Houston KPRC 920 1000 N KTRH 1290 1000 C KXYZ 1440 1000 B</p> <hr/> <p>Kilgore KOCA 1210 100</p> <hr/> <p>Longview KFRO 1370 250</p> <hr/> <p>Lubbock KFYO 1310 100</p> <hr/> <p>Lufkin KRBA 1310 100</p> <hr/> <p>Midland KRLH 1420 100</p>
--	---	--	--

NORTH AMERICAN B. C. STATIONS BY LOCATIONS

<p>Palestine KNET 1420 100</p> <p>Pampa KPDN 1310 100</p> <p>Paris KPLT 1500 250</p> <p>Pecos KIUN 1420 100</p> <p>Port Arthur KPAC 1260 500</p> <p>San Angelo KSKL 1370 100</p> <p>San Antonio KABC 1420 100</p> <p>KMAC 1370 100</p> <p>KONO 1370 100</p> <p>KTSA 550 1000 C</p> <p>WOAI 1190 50000 N</p> <p>Sherman KRRV 1310 250</p> <p>Temple KTEM 1370 250</p> <p>Texarkana KCMC 1420 100</p> <p>Tyler KGBT 1500 100</p> <p>Waco WACO 1420 100 C</p> <p>Weslaco KRGV 1260 1000 B</p> <p>Wichita Falls KGGK 570 250 C</p> <hr/> <p style="text-align: center;">UTAH</p> <hr/> <p>Cedar City KSUB 1310 100</p> <p>Ogden KLO 1400 500 B</p> <p>Price KEUB 1420 100</p> <p>Salt Lake City KDYL 1290 1000 R</p> <p>KSL 1130 50000 C</p> <p>KUTA 1500 100</p> <hr/> <p style="text-align: center;">VERMONT</p> <hr/> <p>Burlington WGAX 1200 100</p> <p>Rutland WSYB 1500 100</p> <p>St. Albans WODM 1390 1000</p> <p>Springfield WNBX 1260 1000 C</p> <p>Waterbury WDEV 550 500</p> <hr/> <p style="text-align: center;">VIRGINIA</p> <hr/> <p>Charlottesville WCHV 1420 100</p> <p>Danville WBTM 1370 100</p> <p>Harrisonburg WSVA 550 500</p> <p>Lynchburg WLVA 1200 100</p> <p>Newport News WGH 1310 100</p> <p>Norfolk WTAR 780 1000 N</p> <p>Richmond WBBL 1210 100</p> <p>WMBG 1350 500 R</p> <p>WRNL 880 500</p>	<p>WRTD 1500 100 B</p> <p>WRVA 1116 5000 C</p> <p>Roanoke WDBJ 930 1000 C</p> <hr/> <p style="text-align: center;">WASHINGTON</p> <hr/> <p>Aberdeen KXRO 1310 100M</p> <p>Bellingham KVOS 1200 100M</p> <p>Centralia-Chehalis KELA 1440 500</p> <p>Everett KRKO 1370 50</p> <p>Longview KWLK 780 250</p> <p>Olympia KGY 1210 100M</p> <p>Pullman KWSC 1220 1000</p> <p>Seattle KEEN 1370 100</p> <p>KIRO 710 1000</p> <p>KJR 970 5000 B</p> <p>KOL 1270 1000M</p> <p>KOMO 920 1000 R</p> <p>KRSC 1120 250</p> <p>KRW 1220 1000</p> <p>KXA 760 250</p> <p>Spokane KFIO 1120 100</p> <p>KFPY 890 1000 C</p> <p>KGA 1470 5000 B</p> <p>KHQ 590 1000 R</p> <p>Tacoma KMO 1330 1000M</p> <p>KVI 570 1000 C</p> <p>Walla Walla KUJ 1370 100</p> <p>Wenatchee KPO 1500 100M</p> <p>Yakima KIT 1310 100M</p> <hr/> <p style="text-align: center;">WEST VIRGINIA</p> <hr/> <p>Bluefield WHIS 1410 500</p> <p>Charleston WGHS 580 500 C</p> <p>Clarksburg WBLK 1370 100</p> <p>Fairmont WMMN 890 500 C</p> <p>Huntington WSAZ 1190 1000</p> <p>Parkersburg WPAR 1420 100 C</p> <p>Wheeling WWVA 1160 5000 C</p> <hr/> <p style="text-align: center;">WISCONSIN</p> <hr/> <p>Eau Claire WEAU 1050 1000</p> <p>Fond du Lac KFIZ 1420 100</p> <p>Green Bay WBHY 1200 100</p> <p>WTAQ 1330 1000 C</p> <p>Janesville WCLO 1200 100</p>	<p>LaCrosse WKBH 1380 1000 C</p> <p>Madison WHA 940 5000</p> <p>WIBA 1280 1000 N</p> <p>Manitowoc WOMT 1210 100</p> <p>Milwaukee WEMP 1310 100</p> <p>WISN 1120 250 C</p> <p>WTMJ 620 1000 N</p> <p>Poynette WIBU 1210 100</p> <p>Racine WRJN 1370 100</p> <p>Sheboygan WHBL 1300 250</p> <p>Stevens Point WLBL 900 5000</p> <p>Superior WDSM 1200 100</p> <p>Wausau WSAU 1370 100</p> <hr/> <p style="text-align: center;">WYOMING</p> <hr/> <p>Casper KDFN 1440 500</p> <p>Rock Springs KVR5 1370 100</p> <p>Sheridan KWYO 1370 100</p> <hr/> <p style="text-align: center;">CANADA</p> <hr/> <p style="text-align: center;">ALBERTA</p> <hr/> <p>Calgary CFAC 930 1000 F</p> <p>CFCN 1030 10000</p> <p>CJCL 690 100 F</p> <p>Edmonton CFRN 960 100 F</p> <p>CJCA 730 1000 F</p> <p>CKUA 580 500</p> <p>Lethbridge CJOC 950 100 F</p> <hr/> <p style="text-align: center;">BRIT. COLUMBIA</p> <hr/> <p>Chilliwack CHWK 780 100 F</p> <p>Kamloops CFJC 880 100 F</p> <p>Kelowna CKOV 630 100 F</p> <p>Prince Rupert CFPR 580 50</p> <p>Trail CJAT 910 1000 F</p> <p>Vancouver CBR 1100 5000 F</p> <p>CJOR 600 500</p> <p>CKDC 1010 100</p> <p>CKFC 1410 50</p> <p>CKMO 1410 100</p> <p>CKWX 1010 100 F</p> <p>Victoria CFCT 1450 50</p> <hr/> <p style="text-align: center;">MANITOBA</p> <hr/> <p>Brandon CKX 1120 1000 F</p> <p>Winnipeg CJRC 630 500 F</p> <p>CKY 760 15000 F</p>	<p style="text-align: center;">NEW BRUNSWICK</p> <hr/> <p>Fredericton CFNB 550 500 F</p> <p>Moncton CKCW 1370 100 F</p> <p>St. John CHSJ 1120 500 F</p> <hr/> <p style="text-align: center;">N. W. TERRITORY</p> <hr/> <p>Aklavik CJCU 1210 50</p> <hr/> <p style="text-align: center;">NOVA SCOTIA</p> <hr/> <p>Glace Bay VAS 685 2000</p> <p>Halifax CHNS 930 1000 F</p> <p>Sydney CJCB 1240 1000 F</p> <p>Wolfville CKIK 1010 50</p> <p>Yarmouth CJLS 1310 100</p> <hr/> <p style="text-align: center;">ONTARIO</p> <hr/> <p>Brantford CKPC 930 100 F</p> <p>Chatham CFCO 630 100 F</p> <p>Cobalt CKMK 1210 50</p> <p>Fort William CKPR 730 100 F</p> <p>Hamilton CHML 1010 100 F</p> <p>CKOC 1120 500 F</p> <p>Kingston CFRC 1510 100 F</p> <p>London CFPL 730 100 F</p> <p>North Bay CFGH 930 100 F</p> <p>CJKL 1310 100</p> <p>CKGB 1420 100</p> <p>Ottawa CBO 880 1000 F</p> <p>CKCO 1010 100 F</p> <p>Prescott CFLC 930 100</p> <p>St. Catharines CKTB 1200 100 F</p> <p>Sault Ste. Marie CJIC 1500 100</p> <p>S Stratford CJCS 1210 50</p> <p>Sudbury CKSO 780 1000 F</p> <p>Toronto CBL 840 50000</p> <p>CFRB 690 10000 C</p> <p>CKCL 580 100 F</p> <p>CRCT 840 5000 N</p> <p>CRCY 960 100 F</p> <p>Waterloo CKCR 1510 100</p> <p>Windsor CBW 600 500 F</p> <p>CKLW 1030 5000M</p> <p>Wingham CKNX 1200 100</p>
--	---	---	---

NORTH AMERICAN B. C. STATIONS BY LOCATIONS

<p>PRINCE EDWARD ISLAND</p> <p>Charlottetown CFCY 630 1000 F CHCK 1310 50</p> <p>Summerside CHGS 1450 50 F</p> <hr/> <p>QUEBEC</p> <p>Chicoutimi GRCS 1120 100 F</p> <p>Hull CKGH 1210 100 F</p> <p>Montreal CBF 910 50000 CBM 1050 5000 F CFCF 600 500 N CHLP 1120 100 F CKAK 730 5000 C</p> <p>New Carlisle CHNC 960 1000 F</p> <p>Quebec CHRC 580 100 CKCV 1310 100 F CRCK 950 1000 F</p> <p>Sherbrooke CHLT 1210 100</p> <hr/> <p>SASKATCHEWAN</p> <p>Moose Jaw CHAB 1200 100 F</p> <p>Prince Albert CKBI 1210 100 F</p> <p>Regina CJRM 540 1000 CKCK 1010 1000 F</p> <p>Saskatoon CFQC 840 1000 F</p> <p>Yorkton CJGX 1390 100 F</p> <hr/> <p>NEWFOUNDLAND</p> <p>St. John's VOAC 1065 40 VOAS 940 100 VOCM 1006 200 VOGY 840 400 VONF 1195 500 VOWR 681 500</p>	<p>CHIHUAHUA</p> <p>Chihuahua XEFI 1440 250</p> <p>Juarez XEFV 1210 100 XEF 1450 100 XEJ 1020 1000 XEP 1160 500</p> <p>Parral XEAT 1210 250</p> <hr/> <p>COAHUILA</p> <p>Piedras Negras XEMU 580 XEPN 730 100000</p> <p>Sabinas XEBX 640 250</p> <p>Salttillo XEAS 1160 50 XELA 1240 50</p> <p>Torreón XETB 1310 125</p> <p>Villa Acuna XERA 840 350000</p> <hr/> <p>D. F.</p> <p>Atzacapotzalco XEMG 1060 100</p> <p>Gra. Anaya XEDA 1220 200</p> <p>Mexico City XEAL 660 1000 XEAY 1240 100 XEB 1030 10000 XEBX 1240 200 XEBZ 1160 100 XECW 1310 10 XEDP 1080 500 XEFO 940 5000 XEJP 1130 100 XEJW 870 XEK 990 100 XEL 780 1000 XELZ 1370 100 XEMX 1280 100 XENC 860 50 XEW 890 50000 XEXE 1270 17 XEYO 940 500</p> <p>Tacuba XEFA 1180 500</p> <hr/> <p>DURANGO</p> <p>Durango XEE 1210 50</p> <hr/> <p>GUANAJUATO</p> <p>Irapuato XERO 1280 25</p> <p>Leon XEKL 1240 500</p> <hr/> <p>JALISCO</p> <p>Guadalajara XEAD 1060 125 XED 1160 2500</p> <p>Guzman XEB A 1080 20</p>	<p>MICHOACAN</p> <p>Morelia XEI 1370 125</p> <hr/> <p>NUEVO LEON</p> <p>Monterrey XEFB 870 200 XEFJ 1230 100 XEG 1220 250 XEH 720 250 XET 690 5000 XEX 1310 125</p> <hr/> <p>PUEBLA</p> <p>Puebla XETH 1210 100</p> <hr/> <p>SAN LUIS POTOSI</p> <p>San Luis Potosi XECZ 1370 100 XEXH 1250 250</p> <hr/> <p>SINALOA</p> <p>Mazatlan XEBL 1220 50</p> <hr/> <p>SONORA</p> <p>Hermosillo XEBH 930 500</p> <p>Magales XEAF 990 750</p> <p>Obregon XEAP 1240 50</p> <hr/> <p>TAMAULIPAS</p> <p>Matamoros XEAM 750 25</p> <p>Nuevo Laredo XEBK 1000 100 XEDF 810 75 XEFE 980 150 XENT 910 150000</p> <p>Reynosa XEAW 960 50000</p> <p>Tampico XEFV 1310 250 XES 990 250</p> <hr/> <p>VERACRUZ</p> <p>Cordoba XEAB 1310 10</p> <p>Jalapa XEXB 1270 50 XEXD 1340 350</p> <p>Minatitlan XEDW 1150 20</p> <p>Veracruz XETF 1220 30 XEU 1010 250</p> <hr/> <p>YUCATAN</p> <p>Merida XEBJ 1160 20 XEFC 550 100 XEZ 630 500</p>	<p>Camaguey CMJA 1010 300 CMJC 1390 150 CMJE 1220 50 CMJF 1150 200 CMJK 780 250 CMJL 1340 75 CMJX 830 500</p> <p>Cardenas CMGE 1370 150</p> <p>Ciego de Avila CMJH 1360 50 CMJI 1130 150 CMJO 1180 50</p> <p>Cienfuegos CMHJ 1160 175 CMHM 1450 100 CMHW 820 100 CMHX 760 200</p> <p>Cruces CMHK 1330 250</p> <p>Havana CMBG 630 CMBD 1170 500 CMBG 1140 200 CMBX 770 150 CMBX 1070 500 CMBY 970 150 CMBZ 1000 500 CMC 1260 150 CMCA 1350 450 CMCB 640 150 CMCD 950 250 CMCF 810 600 CMCG 680 1000 CMCJ 1100 500 CMCM 850 CMCO 1200 250 CMCQ 1410 250 CMCU 1280 500 CMCW 750 150 CMCX 1030 150 CMCY 570 5000 CMK 730 3000 CMOA 1440 150 CMOX 1320 200 CMQ 880 250 CMW 600 1400 CMX 920 1000</p> <p>Holguin CMFK 1460 250 CMKO 1280</p> <p>Manzanillo CMKM 1120 200</p> <p>Matanzas CMGC 1400 150 CMGF 1120 250 CMGH 790 500</p> <p>Moron CMJP 1430 75</p> <p>Pinar del Rio CMAB 1340</p> <p>Sagua la Grande CMHA 1070 50</p> <p>Sancti Spiritus CMHB 1240 50</p> <p>Santa Clara CMHI 1210 150</p> <p>Santiago CMKC 1250 150 CMKD 1050 250 CMKG 1160 CMKR 1400 100 CMKW 1350 CMKX 1190</p>
---	--	---	--

NORTH AMERICAN B. C. STATIONS BY CALLS

CBF 910 Montreal, P. Q.	50000	CJCJ 690 Calgary, Alta.	100	CKX 1120 Brandon, Man.	1000
CBL 840 Toronto, Ont.	50000	CJCS 1210 Stratford, Ont.	50	CKY 760 Winnipeg, Man.	15000
CBM 1050 Montreal, P. Q.	5000	CJCU 1210 Aklavik, N. W. T.	50	CMAB 1340 Pinar del Rio, Cuba	
CBO 880 Ottawa, Ont.	1000	CJGX 1390 Yorkton, Sask.	100	CMBC 630 Havana, Cuba	....
CBR 1100 Vancouver, B. C.	5000	CJIC 1500 S. Ste. Marie, Ont.	100	CMBD 1170 Havana, Cuba	500
CBW 600 Windsor, Ont.	500	CJKL 1310 North Bay, Ont.	100	CMBG 1140 Havana, Cuba	200
CFAC 930 Calgary, Alta.	1000	CJLS 1310 Yarmouth, N. S.	100	CMBS 770 Havana, Cuba	150
CFCF 600 Montreal, Que.	500	CJOC 950 Lethbridge, Alta.	100	CMBX 1070 Havana, Cuba	500
CFCH 930 North Bay, Ont.	100	CJOR 600 Vancouver, B. C.	500	CMBY 970 Havana, Cuba	150
CFCN 1030 Calgary, Alta.	10000	CJRC 630 Winnipeg, Man.	500	CMCZ 1000 Havana, Cuba	500
CFCO 630 Chatham, Ont.	100	CJRM 540 Regina, Sask.	1000	CMC 1260 Havana, Cuba	150
CFCT 1450 Victoria, B. C.	50	CKAC 730 Montreal, Que.	5000	CMCA 1350 Havana, Cuba	450
CFCY 630 Charlottetown, P.E.I.	1000	CKBI 1210 Prince Albert, Sask.	100	CMCB 640 Havana, Cuba	150
CFJC 880 Kamloops, B. C.	100	CKCD 1010 Vancouver, B. C.	100	CMCD 950 Havana, Cuba	250
CFLC 930 Prescott, Ont.	100	CKCH 1210 Hull, Que.	100	CMCF 810 Havana, Cuba	500
CFNB 550 Fredericton, N. B.	500	CKCK 1010 Regina, Sask.	1000	CMCG 680 Havana, Cuba	1000
CFPL 730 London, Ont.	100	CKCL 580 Toronto, Ont.	100	CMCJ 1100 Havana, Cuba	500
CFPR 580 Prince Rupert, B. C.	50	CKCO 1010 Ottawa, Ont.	100	CMCM 850 Havana, Cuba	....
CFQC 840 Saskatoon, Sask.	1000	CKCR 1510 Waterloo, Ont.	100	CMCO 1200 Havana, Cuba	250
CFRB 690 Toronto, Ont.	10000	CKCV 1310 Quebec, Que.	100	CMCQ 1410 Havana, Cuba	250
CFRC 1510 Kingston, Ont.	100	CKCW 1370 Moncton, N. B.	100	CMCU 1280 Havana, Cuba	500
CFRN 960 Edmonton, Alta.	100	CKFC 1410 Vancouver, B. C.	50	CMCW 750 Havana, Cuba	150
CHAB 1200 Moose Jaw, Sask.	100	CKGB 1420 North Bay, Ont.	100	CMCX 1030 Havana, Cuba	150
CHCK 1310 Charlottetown, P.E.I.	50	CKIC 1010 Wolfville, N. S.	50	CMCY 570 Havana, Cuba	5000
CHGS 1450 Summerside, P.E.I.	50	CKLW 1030 Windsor, Ont.	5000	CMGC 1400 Matanzas, Cuba	150
CHLP 1120 Montreal, Que.	100	CKMC 1210 Cobalt, Ont.	50	CMGE 1370 Cardenas, Cuba	150
CHLT 1210 Sherbrooke, P. Q.	100	CKMO 1410 Vancouver, B. C.	100	CMGF 1120 Matanzas, Cuba	250
CHML 1010 Hamilton, Ont.	100	CKNX 1200 Wingham, Ont.	100	CMGH 790 Matanzas, Cuba	500
CHNC 960 New Carlisle, Que.	1000	CKOC 1120 Hamilton, Ont.	500	CMHA 1070 Sagua la Grande, Cuba	50
CHNS 930 Halifax, N. S.	1000	CKOV 630 Kelowna, B. C.	100	CMHB 1240 Sancti Spiritus, Cuba	50
CHRC 580 Quebec, Que.	100	CKPC 930 Brantford, Ont.	100	CMHD 1270 Calbarien, Cuba	250
CHSJ 1120 St. John, N. B.	500	CKPR 730 Fort William, Ont.	100	CMHI 1210 Santa Clara, Cuba	150
CHWK 780 Chilliwack, B. C.	100	CKSO 780 Sudbury, Ont.	1000	CMHJ 1160 Cienfuegos, Cuba	175
CJAT 910 Trail, B. C.	1000	CKTB 1200 St. Catharines, Ont.	100	CMHK 1330 Cruces, Cuba	250
CJCA 730 Edmonton, Alta.	1000	CKUA 580 Edmonton, Alta.	500	CMHM 1450 Cienfuegos, Cuba	100
CJCB 1240 Sydney, N. S.	1000	CKWX 1010 Vancouver, B. C.	100		

NORTH AMERICAN B. C. STATIONS BY CALLS

CMHW 820 100	KALB 1210 100	KEUB 1420 100
Clentuegos, Cuba	Alexandria, La.	Price, Utah
CMHX 760 200	KALE 1300 500	KEX 1180 5000
Clentuegos, Cuba	Portland, Ore.	Portland, Ore.
CMJA 1010 300	KAND 1310 100	KFAB 770 10000
Camaguey, Cuba	Corsicana, Texas	Lincoln, Neb.
CMJC 1390 150	KANS 1210 100	KFAC 1300 1000
Camaguey, Cuba	Wichita, Kans	Los Angeles, Calif.
CMJE 1220 50	KARK 890 500	KFAM 1420 100
Camaguey, Cuba	Little Rock, Ark.	St. Cloud, Minn.
CMJF 1150 200	KARM 1310 100	KFBB 1280 1000
Camaguey, Cuba	Fresno, Calif.	Great Falls, Mont.
CMJH 1360 50	KASA 1210 100	KFBI 1050 5000
Ciego de Avila, Cuba	Elk City, Okla.	Ablene, Kans.
CMJI 1130 150	KAST 1370 100	KFBK 1490 5000
Ciego de Avila, Cuba	Astoria, Ore.	Sacramento, Calif.
CMJK 780 250	KATE 1420 250	KFDM 560 500
Camaguey, Cuba	Albert Lea, Minn.	Beaumont, Texas
CMJL 1340 75	KAWM 1500 100	KFDY 780 1000
Camaguey, Cuba	Gallup, N. Mex.	Brookings, S. D.
CMJO 1180 50	KBIX 1500 100	KFEL 920 500
Ciego de Avila, Cuba	Muskogee, Okla.	Denver, Colo.
CMJP 1430 75	KBPS 1420 100	KFEQ 680 2500
Camaguey, Cuba	Portland, Ore.	St. Joseph, Mo.
CMJX 830 500	KBST 1500 100	KFGQ 1370 100
Camaguey, Cuba	Big Spring, Texas	Boone, Iowa
CMK 730 3000	KBTM 1200 100	KFH 1300 1000
Havana, Cuba	Jonesboro, Ark.	Wichita, Kans.
CMKC 1250 150	KCKN 1310 100	KFI 640 50000
Santiago, Cuba	Kansas City, Kans.	Los Angeles, Calif.
CMKD 1050 250	KCMC 1420 100	KFIO 1120 100
Santiago, Cuba	Texarkana, Texas	Spokane, Wash.
CMKF 1460 250	KCMO 1370 100	KFIZ 1420 100
Holgulin, Cuba	Kansas City, Mo.	Fond du Lac, Wis.
CMKG 1160	KCRC 1360 250	KFJB 1200 100
Santiago, Cuba	Enid, Okla.	Marshalltown, Iowa
CMKM 1120 200	KCRJ 1310 100	KFJI 1210 100
Manzanillo, Cuba	Jerome, Ariz.	Klamath Falls, Ore.
CMKO 1280	KDAL 1500 100	KFJM 1410 500
Holgulin, Cuba	Duluth, Minn.	Grand Forks, N. D.
CMKR 1400 100	KDB 1500 100	KFJZ 1370 100
Santiago, Cuba	Santa Barbara, Calif.	Fort Worth, Texas
CMKW 1350	KDFN 1440 500	KFKA 880 500
Santiago, Cuba	Casper, Wyo.	Greeley, Colo.
CMKX 1190	KDKA 980 50000	KFKU 1220 1000
Santiago, Cuba	Pittsburgh, Pa.	Lawrence, Kans.
CMOA 1440 150	KDLR 1210 100	KFNF 890 500
Havana, Cuba	Devils Lake, N. D.	Shenandoah, Iowa
CMOX 1320 200	KDNC 1200 100	KFOR 1210 100
Havana, Cuba	Lewistown, Mont.	Lincoln, Neb.
CMQ 880 2500	KDON 1210 100	KFOX 1250 1000
Havana, Cuba	Monterrey, Calif.	Long Beach, Calif.
CMW 600 1400	KDTH 1340 500	KFPL 1310 100
Havana, Cuba	Dubuque, Iowa	Dublin, Texas
CMX 920 1000	KDYL 1290 1000	KFPW 1210 100
Havana, Cuba	Salt Lake City, Utah	Fort Smith, Ark.
CRCK 950 1000	KECA 1430 1000	KFPY 890 1000
Quebec, Que.	Los Angeles, Calif.	Spokane, Wash.
CRCS 1120 100	KEEN 1370 100	KFGD 780 250
Chicoutimi, Que.	Seattle, Wash.	Anchorage, Alaska
CRCT 840 5000	KEHE 780 1000	KFRK 610 1000
Toronto, Ont.	Los Angeles, Calif.	San Francisco, Calif.
CRCY 960 100	KELA 1440 500	KFRQ 1370 250
Toronto, Ont.	Centralla-Cbehalls, Wn.	Longview, Texas
KABC 1420 100	KELD 1370 100	KFRU 630 500
San Antonio, Texas	El Dorado, Ark.	Columbia, Mo.
KABR 1420 100	KELO 1200 100	KFSO 600 1000
Aberdeen, S. Dak.	Sioux Falls, S. Dak.	San Diego, Calif.
KADA 1200 100	KERN 1370 100	KFSG 1120 500
Ada, Okla.	Bakersfield, Calif.	Los Angeles, Calif.

NORTH AMERICAN B. C. STATIONS BY CALLS

KFUO 550	500	KGHI 1200	100	KIUL 1210	100
St. Louis, Mo.		Little Rock, Ark.		Garden City, Kans.	
KFVD 1000	1000	KGHL 780	1000	KIUN 1420	100
Los Angeles, Calif.		Billings, Mont.		Pecos, Texas	
KFVS 1210	100	KGIR 1340	1000	KIUP 1370	100
Cape Girardeau, Mo.		Butte, Mont.		Durango, Colo.	
KFWB 95	1000	KGIW 1420	100	KJBS 1070	500
Hollywood, Calif.		Alamosa, Colo.		San Francisco, Calif.	
KFXD 1200	100	KGKB 1500	100	KJR 970	5000
Nampa, Idaho		Tyler, Texas		Seattle, Wash.	
KFXJ 1200	100	KGKL 1370	100	KLAH 1210	100
Grand Junction, Colo.		San Angelo, Texas		Carlsbad, N. Mex.	
KFXM 1210	100	KGKO 570	250	KLBM 1420	100
San Bernardino, Calif.		Wichita Falls, Texas		La Grande, Ore.	
KFXR 1310	100	KGKY 1500	100	KLCN 1290	100
Oklahoma City, Okla.		Scottsbluff, Neb.		Blytheville, Ark.	
KFYO 1310	100	KGLO 1210	100	KLO 1400	500
Lubbock, Texas		Mason City, Iowa		Ogden, Utah	
KFYR 550	1000	KGMB 1320	1000	KLPM 1240	250
Bismarck, N. D.		Honolulu, T. H.		Minot, N. D.	
KGA 1470	5000	KGNC 1410	1000	KLRA 1390	1000
Spokane, Wash.		Amarillo, Texas		Little Rock, Ark.	
KGAR 1370	100	KGNF 1430	1000	KLS 1280	250
Tucson, Ariz.		North Platte, Neb.		Oakland, Calif.	
KGB 1330	1000	KGNO 1340	250	KLUF 1370	100
San Diego, Calif.		Dodge City, Kans.		Galveston, Texas	
KGBU 900	500	KGO 790	7500	KLX 880	1000
Ketchikan, Alaska		San Francisco, Calif.		Oakland, Calif.	
KGBX 1230	500	KGU 750	2500	KLZ 560	1000
Springfield, Mo.		Honolulu, T. H.		Denver, Colo.	
KGCA 1270	100	KGVL 1200	100	KMA 930	1000
Decorah, Iowa		Greenville, Texas		Shenandoah, Iowa	
KGCI 1200	100	KGVO 1260	1000	KMAC 1370	100
Coeur d'Alene, Idaho		Missoula, Mont.		San Antonio, Texas	
KGCC 1240	250	KGW 620	1000	KMBC 950	1000
Mandan, N. D.		Portland, Ore.		Kansas City, Mo.	
KGCCX 1450	1000	KGY 1210	100	KMED 1410	250
Wolf Point, Mont.		Olympia, Wash.		Medford, Ore.	
KGDE 1200	100	KHBC 1400	250	KMJ 580	1000
Fergus Falls, Minn.		Hilo, T. H.		Fresno, Calif.	
KGDM 1100	1000	KHBG 1210	100	KMLB 1200	100
Stockton, Calif.		Okmulgee, Okla.		Monroe, La.	
KGDY 1340	250	KHJ 900	1000	KMMJ 740	1000
Huron, S. D.		Los Angeles, Calif.		Clay Center, Neb.	
KGEK 1200	100	KHQ 590	1000	KMO 1330	1000
Sterling, Colo.		Spokane, Wash.		Tacoma, Wash.	
KGER 1360	1000	KHSL 1260	250	KMOX 1090	50000
Long Beach, Calif.		Chico, Calif.		St. Louis, Mo.	
KGEZ 1310	100	KHUB 1310	250	KMPC 710	500
Kalispell, Mont.		Watsonville, Calif.		Beverly Hills, Calif.	
KGFF 1420	100	KICA 1370	100	KMTR 570	1000
Shawnee, Okla.		Clovis, N. M.		Los Angeles, Calif.	
KGFI 1500	100	KID 1320	500	KNEL 1500	250
Brownsville, Tex.		Idaho Falls, Idaho		Brady, Texas	
KGfJ 1200	100	KIDO 1350	1000	KNET 1420	100
Los Angeles, Calif.		Boise, Idaho		Palestine, Texas	
KGFL 1370	100	KIDW 1420	100	KNOW 1500	100
Roswell, N. M.		Lamar, Colo.		Austin, Texas	
KGFW 1310	100	KIEM 1450	500	KNX 1050	50000
Kearney, Neb.		Eureka, Calif.		Los Angeles, Calif.	
KGFX 630	200	KIEV 850	250	KOA 830	50000
Pierre, S. D.		Glendale, Calif.		Denver, Colo.	
KGGC 1420	100	KINY 1310	100	KOAC 550	1000
San Francisco, Calif.		Juneau, Alaska		Corvallis, Ore.	
KGGF 1010	1000	KIRO 710	1000	KOAM 790	1000
Coffeyville, Kans.		Seattle, Wash.		Pittsburg, Kans.	
KGGM 1230	1000	KIT 1310	100	KOB 1180	10000
Albuquerque, N. M.		Yakima, Wash.		Albuquerque, N. M.	
KGHF 1320	500				
Pueblo, Colo.					

NORTH AMERICAN B. C. STATIONS BY CALLS

KOBH 1370 Rapid City, S. Dak.	100	KRLC 1390 Lewiston, Idaho	250	KTMS 1220 Santa Barbara, Calif.	500
KOCA 1210 Kilgore, Texas	100	KRLD 1040 Dallas, Texas	10000	KTOK 1370 Oklahoma City, Okla.	100
KOH 1380 Reno, Nev.	500	KRLH 1420 Midland, Texas	100	KTRB 740 Modesto, Calif.	250
KOIL 1260 Omaha, Neb.	1000	KRMC 1370 Jamestown, N. Dak.	100	KTRH 1290 Houston, Texas	1000
KOIN 940 Portland, Ore.	1000	KRMD 1310 Shreveport, La.	100	KTRI 1420 Sioux City, Iowa	100
KOKO 1370 La Junta, Colo.	100	KRNR 1500 Roseburg, Ore.	100	KTSA 550 San Antonio, Texas	1000
KOL 1270 Seattle, Wash.	1000	KRNT 1320 Des Moines, Iowa	1000	KTSM 1310 El Paso, Texas	100
KOMA 1480 Oklahoma City, Okla.	5000	KROC 1310 Rochester, Minn.	100	KTUL 1400 Tulsa, Okla.	500
KOMO 920 Seattle, Wash.	1000	KROD 1500 El Paso, Texas	100	KTW 1220 Seattle, Wash.	1000
KONO 1370 San Antonio, Texas	100	KROW 930 Oakland, Calif.	1000	KUJ 1370 Walla Walla, Wash.	100
KOOS 1200 Marshfield, Ore.	100	KROY 1210 Sacramento, Calif.	100	KUMA 1420 Yuma, Ariz.	100
KORE 1420 Eugene, Ore.	100	KRQA 1310 Santa Fe, N. Mex.	100	KUOA 1260 Siloam Springs, Ark.	5000
KOTN 1500 Pine Bluff, Ark.	100	KRRV 1310 Sherman, Texas	250	KUSD 890 Vermillion, S. Dak.	500
KOVC 1500 Valley City, N. Dak.	100	KRSC 1120 Seattle, Wash.	250	KUTA 1500 Salt Lake City, Utah	100
KOY 1390 Phoenix, Ariz.	1000	KSAC 580 Manhattan, Kans.	500	KVCV 1200 Redding, Calif.	100
KPAC 1260 Port Arthur, Texas	500	KSAL 1500 Salina, Kans.	100	KVEC 1200 San Luis Obispo, Cal.	250
KPDN 1310 Pampa, Texas	100	KSCJ 1330 Sioux City, Iowa	1000	KVGB 1370 Great Bend, Kans.	100
KPFA 1210 Helena, Mont.	100	KSD 550 St. Louis, Mo.	1000	KVI 570 Tacoma, Wash.	1000
KPLC 1500 Lake Charles, La.	100	KSEI 900 Pocatello, Idaho	250	KVOA 1260 Tucson, Ariz.	1000
KPLT 1500 Paris, Texas	100	KSFO 560 San Francisco, Calif.	1000	KVOD 920 Denver, Colo.	500
KPMC 1550 Bakersfield, Calif.	1000	KSL 1130 Salt Lake City, Utah	50000	KVOE 1500 Santa Ana, Calif.	100
KPO 680 San Francisco, Calif.	50000	KSLM 1370 Salem, Ore.	100	KVOL 1310 Lafayette, La.	100
KPOF 880 Denver, Colo.	500	KSO 1430 Des Moines, Iowa	500	KVOO 1140 Tulsa, Okla.	25000
KPPC 1210 Pasadena, Calif.	100	KSOO 1110 Sioux Falls, S. Dak.	2500	KVOR 1270 Colorado Springs, Colo.	1000
KPQ 1500 Wenatchee, Wash.	100	KSRO 1310 Santa Rosa, Calif.	250	KVOS 1200 Bellingham, Wash.	100
KPRC 920 Houston, Texas	1000	KSTP 1460 St. Paul, Minn.	10000	KVOX 1310 Moorhead, Minn.	100
KQV 1380 Pittsburgh, Pa.	500	KSUB 1310 Cedar City, Utah	100	KVRS 1370 Rock Springs, Wyo.	100
KQW 1010 San Jose, Calif.	1000	KSUN 1200 Lowell, Ariz.	100	KVSO 1210 Ardmore, Okla.	100
KRBA 1319 Lufkin, Texas	100	KTAR 620 Phoenix, Ariz.	1000	KWBG 1420 Hutchinson, Kans.	100
KRBC 1420 Abilene, Texas	100	KTAT 1240 Fort Worth, Texas	1000	KWG 1200 Stockton, Calif.	100
KRE 1370 Berkeley, Calif.	100	KTBC 1120 Austin, Texas	1000	KWJJ 1040 Portland, Ore.	500
KRGV 1260 Weslaco, Texas	1000	KTBS 1450 Shreveport, La.	1000	KWK 1350 St. Louis, Mo.	1000
KRIS 1330 Corpus Christi, Tex.	500	KTEM 1370 Temple, Texas	250	KWKH 1100 Shreveport, La.	10000
KRKD 1120 Los Angeles, Calif.	500	KTFI 1240 Twin Falls, Idaho	1000	KWLC 1270 Decorah, Iowa	100
KRKO 1370 Everett, Wash.	50	KTHS 1060 Hot Springs, Ark.	10000	KWLK 780 Longview, Wash.	250
		KTKC 1190 Visalia, Calif.	250	KWNO 1200 Winona, Minn.	250

NORTH AMERICAN B. C. STATIONS BY CALLS

KWOS 1310	100	WAIR 1250	250	WBOQ 860	50000
Jefferson City, Mo.		Winston-Salem, N. C.		New York, N. Y.	
KWSC 1220	1000	WALA 1380	500	WBOW 1310	100
Pullman, Wash.		Mobile, Ala.		Terre Haute, Ind.	
KWTN 1210	100	WALR 1210	100	WBRB 1210	100
Watertown, S. Dak.		Zanesville, Ohio		Red Bank, N. J.	
KWTO 560	5000	WAML 1310	100	WBRC 930	1000
Springfield, Mo.		Laurel, Miss.		Birmingham, Ala.	
KWYO 1370	100	WAPI 1140	5000	WBRE 1310	100
Sheridan, Wyo.		Birmingham, Ala.		Wilkes-Barre, Pa.	
KXA 760	250	WAPQ 1420	100	WBRK 1310	100
Seattle, Wash.		Chattanooga, Tenn.		Pittsfield, Mass.	
KXBY 1530	1000	WASH 1270	500	WBRY 1530	1000
Kansas City, Mo.		Grand Rapids, Mich.		Waterbury, Conn.	
KXL 1420	100	WATL 1370	100	WBT 1080	50000
Portland, Ore.		Atlanta, Ga.		Charlotte, N. C.	
KXO 1500	100	WATR 1190	100	WBTM 1370	100
El Centro, Calif.		Waterbury, Conn.		Danville, Va.	
KXRO 1310	100	WAVE 940	1000	WBZ 990	50000
Aberdeen, Wash.		Louisville, Ky.		Boston, Mass.	
KXYZ 1440	1000	WAWZ 1350	500	WBZA 990	1000
Houston, Texas		Zarephath, N. J.		Springfield, Mass.	
KYA 1230	1000	WAYX 1200	100	WCAD 1220	500
San Francisco, Calif.		Waycross, Ga.		Canton, N. Y.	
KYOS 1040	250	WAZL 1420	100	WCAE 1220	1000
Merced, Calif.		Hazleton, Pa.		Pittsburgh, Pa.	
KYW 1020	10000	WBAA 890	500	WCAL 1250	1000
Philadelphia, Pa.		West Lafayette, Ind.		Northfield, Minn.	
VAS 685	2000	WBAL 760	2500	WCAM 1280	500
Glace Bay, N. S.		Baltimore, Md.		Camden, N. J.	
VOAC 1065	40	WBAL 1060	10000	WCAO 600	500
St. John's, Nfld.		Baltimore, Md.		Baltimore, Md.	
VOAS 940	100	WBAP 800	50000	WCAP 1280	500
St. John's, Nfld.		Fort Worth, Texas		Asbury Park, N. J.	
VOCM 1006	200	WBAX 1210	100	WCAT 1200	100
St. John's, Nfld.		Wilkes-Barre, Pa.		Rapid City, S. Dak.	
VOGY 840	400	WBBC 1400	500	WCAU 1170	50000
St. John's, Nfld.		Brooklyn, N. Y.		Philadelphia, Pa.	
VONF 1195	500	WBBL 1210	100	WCAX 1200	100
St. John's, Nfld.		Richmond, Va.		Burlington, Vt.	
VOWR 681	500	WBBM 770	50000	WCAZ 1070	100
St. John's, Nfld.		Chicago, Ill.		Carthage, Ill.	
WAAB 1410	500	WBBR 1300	1000	WCBA 1440	500
Boston, Mass.		Brooklyn, N. Y.		Allentown, Pa.	
WAAF 920	1000	WBBZ 1200	100	WCBD 1080	5000
Chicago, Ill.		Ponca City, Okla.		Chicago, Ill.	
WAAT 940	500	WBCM 1410	500	WCBM 1370	100
Jersey City, N. J.		Bay City, Mich.		Baltimore, Md.	
WAAW 660	500	WBEN 900	1000	WCBS 1420	100
Omaha, Neb.		Buffalo, N. Y.		Springfield, Ill.	
WABC 860	50000	WBEO 1310	100	WCCO 810	50000
New York, N. Y.		Marquette, Mich.		Minneapolis, Minn.	
WABI 1200	100	WBHP 1200	100	WCFL 970	5000
Bangor, Maine		Huntsville, Ala.		Chicago, Ill.	
WABY 1370	100	WBIG 1440	1000	WCBS 580	500
Albany, N. Y.		Greensboro, N. C.		Charleston, W. Va.	
WACO 1420	100	WBIL 1100	5000	WCHV 1420	100
Waco, Texas		New York, N. Y.		Charlottesville, Va.	
WADC 1320	1000	WBLK 1370	100	WCKY 1490	10000
Akron, Ohio		Clarksburg, W. Va.		Covington, Ky.	
WAGA 1450	500	WBLY 1210	100	WCLE 610	500
Atlanta, Ga.		Lima, Ohio		Cleveland, Ohio	
WAGF 1370	250	WBNO 1200	100	WCLO 1200	100
Dothan, Ala.		New Orleans, La.		Janesville, Wis.	
WAGM 1420	100	WBNS 1430	500	WCLS 1310	100
Presque Isle, Me.		Columbus, Ohio		Joliet, Ill.	
WAIM 1200	100	WBNX 1350	1000	WCMI 1310	100
Anderson, S. C.		New York, N. Y.		Ashland, Ky.	
		WBNY 1370	100	WCNW 1500	100
		Buffalo, N. Y.		Brooklyn, N. Y.	

NORTH AMERICAN B. C. STATIONS BY CALLS

WCOA 1340 Pensacola, Fla.	500	WEEU 830 Reading, Pa.	1000	WGCM 1210 Gulfport, Miss.	100
WCOC 880 Meridian, Miss.	500	WELI 900 New Haven, Conn.	500	WGES 1360 Chicago, Ill.	500
WCOL 1210 Columbus, Ohio	100	WELL 1420 Battle Creek, Mich.	100	WGH 1310 Newport News, Va.	100
WCOP 1120 Boston, Mass.	500	WEMP 1310 Milwaukee, Wis.	100	WGL 1370 Fort Wayne, Ind.	100
WCPO 1200 Cincinnati, Ohio	100	WENR 870 Chicago, Ill.	50000	WGN 720 Chicago, Ill.	50000
WCRW 1210 Chicago, Ill.	100	WEOA 1370 Evansville, Ind.	100	WGNV 1210 Newburgh, N. Y.	100
WCSC 1360 Charleston, S. C.	500	WESG 850 Elmira, N. Y.	1000	WGPC 1420 Albany, Ga.	100
WCSH 940 Portland, Me.	1000	WEST 1200 Easton, Pa.	100	WGR 550 Buffalo, N. Y.	1000
WDAE 1220 Tampa, Fla.	1000	WEVD 1300 New York, N. Y.	1000	WGRG 1370 New Albany, Ind.	250
WDAF 610 Kansas City, Mo.	1000	WEW 760 St. Louis, Mo.	1000	WGRM 1210 Grenada, Miss.	100
WDAH 1310 El Paso, Texas	100	WEXL 1310 Royal Oak, Mich.	50	WGST 890 Atlanta, Ga.	1000
WDAS 1370 Philadelphia, Pa.	100	WFAA 800 Dallas, Texas	50000	WGTM 1310 Wilson, N. C.	100
WDAY 940 Fargo, N. Dak.	1000	WFAB 1300 New York, N. Y.	1000	WGVA 1050 Indianapolis, Ind.	1000
WDBJ 930 Roanoke, Va.	1000	WFAM 1200 South Bend, Ind.	100	WGY 790 Schenectady, N. Y.	50000
WDBO 580 Orlando, Fla.	1000	WFAS 1210 White Plains, N. Y.	100	WHA 940 Madison, Wis.	5000
WDEL 1120 Wilmington, Del.	250	WFBC 1300 Greenville, S. C.	1000	WHAL 950 Saginaw, Mich.	500
WDEV 550 Waterbury, Vt.	500	WFBG 1310 Altoona, Pa.	100	WHAM 1150 Rochester, N. Y.	50000
WDGY 1180 Minneapolis, Minn.	1030	WFBL 1360 Syracuse, N. Y.	1000	WHAS 820 Louisville, Ky.	50000
WDNC 1500 Durham, N. C.	100	WFBM 1230 Indianapolis, Ind.	1000	WHAT 1310 Philadelphia, Pa.	100
WDOD 1280 Chattanooga, Tenn.	1000	WFBT 1270 Baltimore, Md.	500	WHAZ 1300 Troy, N. Y.	1000
WDRG 1330 Hartford, Conn.	1000	WFDF 1310 Flint, Mich.	100	WHB 860 Kansas City, Mo.	1000
WDSM 1200 Superior, Wis.	100	WFEA 1340 Manchester, N. H.	500	WHBB 1500 Selma, Ala.	100
WDSU 1250 New Orleans, La.	1000	WFIL 560 Philadelphia, Pa.	1000	WHBC 1200 Canton, Ohio	100
WDWS 1370 Champaign, Ill.	100	WFLA 620 Clearwater, Fla.	1000	WHBF 1210 Rock Island, Ill.	100
WDZ 1020 Tuscola, Ill.	250	WFMD 900 Frederick, Md.	500	WHBI 1250 Newark, N. J.	1000
WEAF 660 New York, N. Y.	50000	WFOR 1370 Hattiesburg, Miss.	100	WHBL 1300 Sheboygan, Wis.	250
WEAN 780 Providence, R. I.	1000	WFOY 1210 St. Augustine, Fla.	100	WHBQ 1370 Memphis, Tenn.	100
WEAU 1050 Eau Claire, Wis.	1000	WFTC 1200 Kinston, N. C.	100	WHBU 1210 Anderson, Ind.	100
WEBC 1290 Duluth, Minn.	1000	W GAL 1500 Lancaster, Pa.	100	WHBY 1200 Green Bay, Wis.	100
WEBQ 1210 Harrisburg, Ill.	100	WGAN 640 Portland, Me.	500	WHDF 1370 Calumet, Mich.	100
WEBR 1310 Buffalo, N. Y.	100	WGAR 1450 Cleveland, Ohio	500	WHDH 830 Boston, Mass.	1000
WEDC 1210 Chicago, Ill.	100	WGCB 1210 Freeport, N. Y.	100	WHDL 1400 Olean, N. Y.	250
WEED 1420 Rocky Mount, N. C.	100	WGBF 630 Evansville, Ind.	500	WHEB 740 Portsmouth, N. H.	250
WEEI 590 Boston, Mass.	1000	WGBI 880 Scranton, Pa.	500	WHEC 1430 Rochester, N. Y.	500
				WHEF 1500 Kosciusko, Miss.	100

NORTH AMERICAN B. C. STATIONS BY CALLS

WHFC 1420 Cicero, Ill.	100	WJBC 1200 Bloomington, Ill.	100	WLAP 1420 Lexington, Ky.	100
WHIO 1260 Dayton, Ohio	1000	WJBK 1500 Detroit, Mich.	100	WLAW 680 Lawrence, Mass.	1000
WHIP 1480 Hammond, Ind.	5000	WJBL 1200 Decatur, Ill.	100	WLB 1250 Minneapolis, Minn.	1000
WHIS 1410 Bluefield, W. Va.	500	WJBO 1120 Baton Rouge, La.	500	WLCB 1310 Muncie, Ind.	100
WHJB 620 Greensburg, Pa.	250	WJBW 1200 New Orleans, La.	100	WLBL 900 Stevens Point, Wis.	5000
WHK 1390 Cleveland, Ohio	1000	WJBY 1210 Gadsden, Ala.	100	WLBZ 620 Bangor, Me.	500
WHKC 640 Columbus, Ohio		WJDX 1270 Jackson, Miss.	1000	WLEU 1420 Erie, Pa.	100
WHLB 1370 Virginia, Minn.		WJEE 1210 Hagerstown, Md.	50	WLLH 1370 Lowell, Mass.	100
WHN 1010 New York, N. Y.	1000	WJIM 1210 Lansing, Mich.	100	WLMU 1210 Middlesboro, Ky.	100
WHO 1000 Des Moines, Iowa	50000	WJJD 1130 Chicago, Ill.	20000	WLNN 1310 Laconia, N. H.	100
WHOM 1450 Jersey City, N. J.	250	WJMS 1420 Ironwood, Mich.	100	WLS 870 Chicago, Ill.	50000
WHP 1430 Harrisburg, Pa.	500	WJNO 1200 W. Palm Beach, Fla.	100	WLVA 1200 Lynchburg, Va.	100
WIBA 1280 Madison, Wis.	1000	WJR 750 Detroit, Mich.	50000	WLW 700 Cincinnati, Ohio	500000
WIBG 970 Glenside, Pa.	100	WJRD 1200 Tuscaloosa, Ala.	250	WMAL 630 Washington, D. C.	250
WIBM 1370 Jackson, Mich.	100	WJSV 1460 Washington, D. C.	10000	WMAQ 670 Chicago, Ill.	50000
WIBU 1210 Poynette, Wis.	100	WJTN 1210 Jamestown, N. Y.	100	WMAS 1420 Springfield, Mass.	100
WIBW 580 Topeka, Kans.	1000	WJW 1210 Akron, Ohio	100	WMAZ 1180 Macon, Ga.	1000
WIBX 1200 Utica, N. Y.	100	WJZ 760 New York, N. Y.	50000	WMBG 1420 Detroit, Mich.	100
WICA 940 Ashtabula, Ohio	250	WKAQ 1240 San Juan, P. R.	1000	WMBD 1440 Peoria, Ill.	1000
WICC 600 Bridgeport, Conn.	500	WKAR 850 East Lansing, Mich.	1000	WMBF 610 Miami, Fla.	1000
WIL 1200 St. Louis, Mo.	100	WKAT 1500 Miami Beach, Fla.	100	WMBG 1350 Richmond, Va.	500
WILL 580 Urbana, Ill.	1000	WKBB 1500 East Dubuque, Ill.	100	WMBH 1420 Joplin, Mo.	100
WILM 1420 Wilmington, Del.	100	WKBH 1380 LaCrosse, Wis.	1000	WMBI 1080 Chicago, Ill.	5000
WIND 560 Gary, Ind.	1000	WKBN 570 Youngstown, Ohio	500	WMBL 1310 Auburn, N. Y.	100
WINS 1180 New York, N. Y.	1000	WKBO 1200 Harrisburg, Pa.	100	WMBQ 1500 Brooklyn, N. Y.	100
WIOD 610 Miami, Fla.	1000	WKBV 1500 Richmond, Ind.	100	WMBR 1370 Jacksonville, Fla.	100
WIP 610 Philadelphia, Pa.	1000	WKBW 1480 Buffalo, N. Y.	5000	WMBB 1420 Unlontown, Pa.	250
WIRE 1400 Indianapolis, Ind.	1000	WKBZ 1500 Muskegon, Mich.	100	WMC 780 Memphis, Tenn.	1000
WIS 560 Columbia, S. C.	1000	WKEL 1500 Griffin, Ga.	100	WMCA 570 New York, N. Y.	1000
WISN 1120 Milwaukee, Wis.	250	WKOK 1210 Sunbury, Pa.	100	WMEX 1500 Boston, Mass.	100
WJAC 1310 Johnstown, Pa.	100	WKRC 550 Cincinnati, Ohio	1000	WMFD 1370 Wilmington, N. C.	100
WJAG 1060 Norfolk, Neb.	1000	WKY 900 Oklahoma City, Okla.	1000	WMFF 1310 Plattsburg, N. Y.	100
WJAR 890 Providence, R. I.	1000	WKZO 590 Kalamazoo, Mich.	1000	WMFG 1210 Hibbing, Minn.	100
WJAS 1290 Pittsburgh, Pa.	1000	WLAC 1470 Nashville, Tenn.	5000	WMFJ 1420 Daytona Beach, Fla.	100
WJAX 900 Jacksonville, Fla.	1000	WLAK 1310 Lakeland, Fla.	100	WMFO 1370 Decatur, Ala.	100

NORTH AMERICAN B. C. STATIONS BY CALLS

WMFR 1200	100	WOV 1130	1000	WSAI 1330	1000
High Point, N. C.		New York, N. Y.		Cincinnati, Ohio	
WMIN 1370	100	WOW 590	1000	WSAJ 1310	100
St. Paul, Minn.		Omaha, Neb.		Grove City, Pa.	
WMMN 890	500	WOWO 1160	10000	WSAL 1200	250
Fairmont, W. Va.		Fort Wayne, Ind.		Salisbury, Md.	
WMPC 1200	100	WPAD 1420	100	WSAN 1440	500
Lapeer, Mich.		Paducah, Ky.		Allentown, Pa.	
WMPS 1430	500	WPAR 1420	100	WSAR 1450	1000
Memphis, Tenn.		Parkersburg, W. Va.		Fall River, Mass.	
WMSD 1420	100	WPAX 1210	100	WSAU 1370	100
Sheffield, Ala.		Thomasville, Ga.		Wausau, Wis.	
WMT 600	1000	WPAY 1370	100	WSAY 1210	100
Cedar Rapids, Iowa		Portsmouth, Ohio		Rochester, N. Y.	
WNAC 1230	1000	WPEN 920	1000	WSAZ 1190	1000
Boston, Mass.		Philadelphia, Pa.		Huntington, W. Va.	
WNAD 1010	1000	WPG 1100	5000	WSB 740	50000
Norman, Okla.		Atlantic City, N. J.		Atlanta, Ga.	
WNAX 570	1000	WPRA 1370	100	WSBC 1210	100
Yankton, S. D.		Mayaguez, P. R.		Chicago, Ill.	
WNBC 1380	250	WPRO 630	500	WSBT 1360	500
New Britain, Conn.		Providence, R. I.		South Bend, Ind.	
WNBH 1500	100	WPRP 1420	100	WSFA 1410	500
Binghamton, N. Y.		Ponce, P. R.		Montgomery Ala.	
WNBH 1310	100	WPTF 680	1000	WSGN 1310	100
New Bedford, Mass.		Raleigh, N. C.		Birmingham, Ala.	
WNBX 1260	1000	WQAM 560	1000	WSIX 1210	100
Springfield, Vt.		Miami, Fla.		Nashville, Tenn.	
WNBZ 1290	100	WQAN 880	500	WSJS 1310	100
Saranac Lake, N. Y.		Seranton, Pa.		Winston-Salem, N. C.	
WNEL 1290	1000	WQBC 1360	1000	WSM 650	50000
San Juan P. R.		Vicksburg, Miss.		Nashville, Tenn.	
WNEW 1250	1000	WQDM 1390	1000	WSMB 1320	1000
New York, N. Y.		St. Albans, Vt.		New Orleans, La.	
WNLC 1500	100	WQXR 1550	1000	WSMK 1380	200
New London, Conn.		New York, N. Y.		Dayton, Ohio	
WNNY 1420	100	WRAK 1370	100	WSNJ 1210	100
Watertown, N. Y.		Williamsport, Pa.		Bridgeport, N. J.	
WNOX 1010	1000	WRAW 1310	100	WSOC 1210	100
Knoxville, Tenn.		Reading, Pa.		Charlotte, N. C.	
WNYC 810	1000	WRAX 920	1000	WSPA 920	1000
New York, N. Y.		Philadelphia, Pa.		Spartanburg, S. C.	
WOAI 1190	50000	WRBL 1200	100	WSPD 1340	1000
San Antonio, Texas		Columbus, Ga.		Toledo, Ohio	
WOC 1370	100	WRC 950	500	WSPR 1140	500
Davenport, Iowa		Washington, D. C.		Springfield, Mass.	
WOI 640	5000	WRDO 1370	100	WSUI 880	500
Ames, Iowa		Augusta, Me.		Iowa City, Iowa	
WOKO 1430	500	WRDW 1500	100	WSUN 620	1000
Albany, N. Y.		Augusta, Ga.		St. Petersburg, Fla.	
WOL 1310	100	WREC 600	1000	WSVA 550	500
Washington, D. C.		Memphis, Tenn.		Harrisonburg, Va.	
WOLS 1200	100	WREN 1220	1000	WSVS 1370	50
Florence, S. C.		Lawrence, Kans.		Buffalo, N. Y.	
WOMI 1500	100	WRGA 1500	100	WSYB 1500	100
Owensboro, Ky.		Rome, Ga.		Rutland, Vt.	
WOMT 1210	100	WRJN 1370	100	WSYR 570	1000
Manitowoc, Wis.		Racine, Wis.		Syracuse, N. Y.	
WOOD 1270	500	WRNL 880	500	WTAD 900	1000
Grand Rapids, Mich.		Richmond, Va.		Quincy, Ill.	
WOPI 1500	100	WROK 1410	500	WTAG 580	1000
Bristol, Tenn.		Rockford, Ill.		Worcester, Mass.	
WOR 710	50000	WROL 1310	100	WTAL 1310	100
Newark, N. J.		Knoxville, Tenn.		Tallahassee, Fla.	
WORC 1280	530	WRR 1280	500	WTAM 1070	50000
Worcester, Mass.		Dallas, Texas		Cleveland, Ohio	
WORK 1320	1000	WRTD 1500	100	WTAQ 1330	1000
York, Pa.		Richmond, Va.		Green Bay, Wis.	
WORL 920	500	WRUF 830	5000	WTAR 780	1000
Boston, Mass.		Gainesville, Fla.		Norfolk, Va.	
WOSU 570	750	WRVA 1110	5000		
Columbus, Ohio		Richmond, Va.			

NORTH AMERICAN B. C. STATIONS BY CALLS

WTAW 1120	500	XEAT 1210	250	XEI 1370	125
College Station, Tex.		Parral, Chih.		Morelia, Mich.	
WTAX 1210	100	XEAW 960	50000	XEJ 1020	1000
Springfield, Ill.		Reynosa, Tams.		Juarez, Chih.	
WTBO 800	250	XEAY 1240	100	XEJP 1130	100
Cumberland, Md.		Mexico City, D. F.		Mexico City, D. F.	
WTCN 1250	1000	XEB 1030	10000	XEJW 870	....
Minneapolis, Minn.		Mexico City, D. F.		Mexico City, D. F.	
WTEL 1310	100	XEBA 1080	20	XEK 990	100
Philadelphia, Pa.		Guzman, Jal.		Mexico City, D. F.	
WTHT 1200	100	XEBG 820	1000	XEKL 1240	500
Hartford, Conn.		Tijuana, B. Cfa.		Leon, Guan.	
WTIC 1040	50000	XEBH 930	500	XEL 780	1000
Hartford, Conn.		Hermosillo, Sonora		Mexico City, D. F.	
WTJS 1310	100	XEBI 1000	25	XELA 1240	50
Jackson, Tenn.		Aguascalientes, Ags.		Saltillo, Coah.	
WTMJ 620	1000	XEBJ 1160	20	XELO 670	50000
Milwaukee, Wis.		Merida, Yuc.		Tijuana, B. Cfa.	
WTMV 1500	100	XEBK 1000	100	XELZ 1370	100
East St. Louis, Ill.		Neuvo Laredo, Tams.		Mexico City, D.F.	
WTNJ 1280	500	XEBL 1220	50	XEMG 1060	100
Trenton, N. J.		Mazatlan, Sin.		Atzacapotzaleco, D. F.	
WTOC 1260	1000	XEBO 1280	25	XEMO 860	5000
Savannah, Ga.		Irapuato, Guan.		Tijuana, L. C.	
WTOL 1200	100	XEBS 1240	200	XEMU 580	....
Toledo, Ohio		Mexico City, D. F.		Piedras Negras, Coah.	
WTRC 1310	100	XEBX 640	250	XEMX 1280	100
Elkhart, Ind.		Sabinas, Coah.		Mexico City, D. F.	
WVFW 1400	500	XEBZ 1160	100	XENC 860	50
Brooklyn, N. Y.		Mexico City, D. F.		Mexico City, D. F.	
WWAE 1200	100	XEC 1150	100	XENT 910	150000
Hammond, Ind.		Tijuana, L. C.		Neuvo Laredo, Tams.	
WWJ 920	5000	XECW 1310	10	XEOK 760	2500
Detroit, Mich.		Mexico City, D. F.		Tijuana, L. C.	
WWL 850	10000	XECZ 1370	100	XEP 1160	500
New Orleans, La.		San Luis Potosi, S.L.P.		Juarez, Chih.	
WWNC 570	1000	XED 1160	2500	XEPN 730	100000
Asheville, N. C.		Guadalajara, Jal.		Piedras Negras, Coah.	
WWRL 1500	100	XEDA 1220	200	XERA 840	350000
Woodside, N. Y.		Gra. Anaya, D. F.		Villa Acuna, Coah.	
WWSW 1500	100	XEDF 810	75	XES 990	250
Pittsburgh, Pa.		Nuevo Laredo, Tams.		Tampico, Tams.	
WWVA 1160	5000	XEDP 1080	500	XET 690	5000
Wheeling, W. Va.		Mexico City, D. F.		Monterrey, N. L.	
WXYZ 1240	1000	XEDW 1150	20	XETB 1310	125
Detroit, Mich.		Minatitlan, Ver.		Torreon, Coah.	
W3XDD	50000	XEE 1210	50	XETF 1220	30
Whippany, N. J.		Durango, Dgo.		Veracruz, Ver.	
W3XJ 1060	100	XEF 1450	100	XETH 1210	100
College Park, Md.		Juarez, Chih.		Puebia, Pue.	
W8XO 700	500000	XEFA 1180	500	XEU 1010	250
Cincinnati, Ohio		Tacuba, D. F.		Veracruz, Ver.	
XEAA 750	200	XEFB 870	200	XEW 890	50000
Mexicali, B. C.		Monterrey, N. L.		Mexico City, D. F.	
XEAC 980	1000	XEFC 550	100	XEX 1310	125
Tijuana, L. C.		Merida, Yuc.		Monterrey, N. L.	
XEAD 1060	125	XEFE 980	150	XEXB 1270	50
Guadalajara, Jal.		Laredo, Tams.		Jalapa, Ver.	
XEAF 990	750	XEFI 1440	250	XEXC 810	350
Nogales, Son.		Chihuahua, Chih.		Aguascalientes, Ags.	
XEAG 1310	10	XEFJ 1230	100	XEXD 1340	350
Cordoba, Ver.		Monterrey, N. L.		Jalapa, Ver.	
XEAL 660	1000	XEFO 940	5000	XEXE 1270	17
Mexico City, D. F.		Mexico City, D. F.		Mexico City, D. F.	
XEAM 750	25	XEFV 1210	100	XEXH 1250	250
Matamoros, Tams.		Juarez, Chih.		San Luis Potosi, S.L.P.	
XEAO 660	250	XEFW 1310	250	XEXS 1000	100
Mexicali, B. C.		Tampico, Tams.		Portable in Mexico	
XEAP 1240	50	XEG 1220	250	XEYO 940	500
Obregon, Son.		Monterrey, N. L.		Mexico City, D. F.	
XEAS 1160	50	XEH 720	250	XEZ 630	500
Saltillo, Coah.		Monterrey, N. L.		Merida, Yuc.	

Special DX Calendar

THE time given in the DX Calendar following is in EST by the twenty-four hour clock.

Ray W. Sahlbach, 4708 S. Compton Ave., St. Louis, Mo., arranged with fourteen stations to dedicate their frequency check programs to RADEX. He points out that KGLO in Mason City, Iowa, is especially anxious to receive reports from the southwestern part of the United States.

- Nov. 21, 0400-0500, WGTM, 1310, Wilson, N. C. (UDXC)
- Nov. 25, 0300-0400, KOKO, 1370, La Junta, Colo. (UDXC)
- Dec. 4, 0245-0400, CHWK, 780, Chilliwack, B. C. (NNRC)
- Dec. 5, 0100-0200, WILL, 580, Urbana, Ill. (UDXC)
- Dec. 12, 0200-0500, WFMD, 900, Frederick, Md. (NNRC)
- Jan. 1, 0245-0400, CHWK, 780, Chilliwack, B. C. (NNRC)
- Jan. 6, 0200-0230, KWOS, 1310, Jefferson City, Mo. (Radex)
- Jan. 8, 0410-0430, WKBZ, 1500, Muskegon, Mich. (Radex)
 0510-0530, KBTM, 1200, Jonesboro, Ark. (Radex)
 0530-0550, KFXD, 1200, Nampa, Idaho. (Radex)
 0540-0600, KFJM, 1410, Gd. Forks, N. Dak. (Radex)
- Jan. 10, 0420-0440, KLUF, 1370, Galveston, Tex. (Radex)
 0450-0510, KEUB, 1420, Price, Utah. (Radex)
 0550-0610, KGLO, 1210, Mason City, Iowa. (Radex)
- Jan. 11, 0310-0330, KPAC, 1260 Port Arthur, Tex. (Radex)
 0550-0610, KLAH, 1210, Carlsbad, N. Mex. (Radex)
- Jan. 12, 0310-0330, WPAX, 1210, Thomasville, Ga. (Radex)
 0440-0500, KPLT, 1500, Paris, Texas. (Radex)
- Jan. 14, 0400-0420, KIUL, 1210, Garden City, Kans. (Radex)
 0530-0550, WLBC, 1310, Muncie, Ind. (Radex)
- Feb. 8, 0510-0530, KAST, 1370, Astoria, Ore. (UDXC)
- Saturdays, 0230-0245, KLS, 1280, (URDXC tips).
- Wednesdays, 1345, WTAR, 780, (URDXC tips).

The MONTH'S CHANGES in STATION DATA

This information is compiled just before we go to press, after the forms for most of the other pages are closed. Some very recent changes, received too late to index in this issue, are included here, and will be incorporated next month in our main indices.

NEW			FREQUENCY		
780	KWLK	Longview, Wash.	610	WIOD	Miami, Fla., from 1300
840	CBL	Toronto, Ont.	670	XELO	Tijuana, B. Cfa., from 1110
1200	KGCI	Coeur d'Alene, Idaho	750	XEAA	Mexicali, B. Cfa., from 920
1220	NEG	Monterrey, N. L.	960	CRCY	Toronto, Ont., from 1420
1240	XEAP	Obregon, Son.	1120	CMGF	Matanzas, Cuba, from 977
	XEBS	Mexico City, D. F.			
1270	XENE	Mexico City, D. F.			
1370	KVRS	Rock Springs, Wyo.	980	XEAC	Tijuana, B. Cfa., 1000 from 250

1200	KWNO	Winona, Minn., 250 from 100
	WJRD	Tuscaloosa, Ala., 250 from 100
1280	XEBO	Irapuato, Guan., 25
1440	WBMD	Peoria, Ill., 1000 from 500

LOCATION

1500	KGFI	Brownsville, Tex. from Corpus Christi
------	------	---------------------------------------

CALL LETTERS

1050	CBM	Montreal, P. Q., from CRCM
1210	WGRM	Grenada, Miss., from WMFN

NETWORK

710	KIRO	Seattle, Wash., new CBS
790	KOAM	Pittsburg, Kans., new NBC
1200	KVOS	Bellingham, Wash., new MBS
1210	KGY	Olympia, Wash., new MBS
1260	WNBX	Springfield, Vt., new CBS
1270	KOL	Seattle, Wash., MBS from CBS
1300	KALE	Portland, Ore., new MBS
1310	KIT	Yakima, Wash., new MBS
	KXRO	Aberdeen, Wash., new MBS
1330	KMO	Tacoma, Wash., new MBS
1370	KSLM	Salem, Ore., new MBS
1420	KOBE	Eugene, Ore., new MBS
1450	KLEM	Eureka, Calif., new MBS
1470	KGK	Spokane, Wash., new MBS
1500	KPQ	Wenatchee, Wash., new MBS
	KRRR	Roseburg, Ore., new MBS
	WRDW	Augusta, Ga., new CBS

OWNER

710	KMPC	Beverly Hills, Calif. The Station of the Stars, Inc.
1410	WBCM	Bay City, Mich. Bay Broadcasting Co.

DELETE

1420	WJBR	Gastonia, N. C.
------	------	-----------------

CONSTRUCTION PERMIT TO CHANGE FREQUENCY

1190	WATR	Waterbury, Conn., to 1290
1240	KLPM	Minot, N. Dak., to 1360
1250	WCAL	Northfield, Minn., to 760
	WLB	Minneapolis, Minn., to 760
1310	KINY	Juneau, Alaska, to 1430
	KIT	Yakima, Wash., to 1250
	WOL	Washington, D. C., to 1230

CONSTRUCTION PERMIT TO CHANGE POWER

500	WKZO	Kalamazoo, Mich., to 250 (1)
810	CMCF	Havana, Cuba, to 5000.
880	CMQ	Havana, Cuba, to 25,000
	WCOC	Meridian, Miss., to 1000
900	KGBU	Ketchikan, Alaska, to 1000
950	WRC	Washington, D. C., to 1000 (5)
1190	WATR	Waterbury, Conn., to 250
1240	KLPM	Minot, N. Dak. to 500 (1).
1250	WCAL	Northfield, Minn. to 5000
	WLB	Minneapolis, Minn. to 5000
1310	KCRJ	Jerome, Ariz. to 250
	KINY	Juneau, Alaska, to 250
	KIT	Yakima, Wash. to 250 (.5)
	WOL	Washington, D. C. to 1000
1340	WCOA	Pensacola, Fla. to 1000
1490	KFBK	Sacramento, Calif. to 10,000

CONSTRUCTION PERMIT TO CHANGE LOCATION

570	KFKO	Wichita Falls, Texas to Ft. Worth
-----	------	-----------------------------------

The Frequency Checks

(Continued from page 50)

4:10-4:30	KFQD	780	Anchorage, Alaska
	KONO	1370	San Antonio, Tex.
	WBKZ	1500	Muskegon, Mich.
4:20-4:40	KRLC	1390	Lewiston, Idaho
	KTSM	1310	El Paso, Tex.
	WBHP	1200	Huntsville, Ala.

At DEADLINE . . .

According to *Broadcasting Magazine*, a new station, CFGP, is now on the air. It is located in Grande Prairie, Alta., and works on 1200 kcs with 100 watts. The Northern Broadcasting Corp. is the owner.

Another new Canadian: CJBR, 1030 kcs, Rimouski, P. Q.

QUICK INDEX TO STATION DATA

North American Broadcast	
By Frequencies	Dec. '37, p. 63
By Locations	Dec. '37, p. 80
By Calls	Dec. '37, p. 86
Frequency Checks	Dec. '37, p. 49
Names of Owners	Oct. '37, p. 63
Owners' Addresses	Dec. '37, p. 63
Time on the Air	Dec. '36, p. 59
Shortwaves	
Broadcasters, with Time on Air	Dec. '37, p. 59
North American Police	Sept. '37, p. 53
1.6 meg. to 6 meg.	Feb. '37, p. 58
6 meg. to 400 meg.	June '37, p. 50
Owners and Addresses	June '37, p. 50
By Locations	Apr. '37, p. 61
By Calls	Apr. '37, p. 65
Foreign Broadcast	
By Frequencies	Dec. '36, p. 43
By Locations	Dec. '36, p. 52
By Calls	Dec. '36, p. 57
Australasia	Apr. '37, p. 60
South America	May '37, p. 49
Europe	June '37, p. 40
Long Waves	
By Frequencies	Apr. '36, p. 49
By Locations	Apr. '36, p. 51
By Calls	Apr. '36, p. 52
Miscellaneous	
Choosing a Radio	Sept. '37, p. 3
Roster of DX Clubs	Nov. '37, p. 58
Columbia Network Stations	Jan. '37, p. 17
Mutual Network Stations	Feb. '37, p. 46
Canadian Network Stations	Mar. '37, p. 49

4:30-4:50	KOCA	1210	Kilgore, Tex.
	KUJ	1370	Walla Walla, Wash.
4:40-5:00	KCMC	1420	Texarkana, Texas
	KRRR	1500	Roseburg, Ore.
	WGTM	1310	Wilson, N. C.
4:50-5:10	KEEN	1370	Seattle, Wash.
	KWTN	1210	Watertown, S. Dak
5:00-5:20	KGFF	1420	Shawnee, Okla
	KIT	1310	Yakima, Wash.
5:10-5:30	KBTM	1200	Jonesboro, Ark.
	KRKO	1370	Everett, Wash.
5:20-5:40	KFRO	1370	Longview, Tex.
	KG EZ	1310	Kalispel, Mont.
5:30-5:50	KBIX	1500	Muskogee, Okla.
	KFXD	1200	Nampa, Idaho
5:40-6:00	KFJM	1410	Grand Forks, N. D.
	KXRO	1310	Aberdeen, Wash.
5:50-6:10	KG Y	1210	Olympia, Wash.
6:00-6:20	KINY	1310	Juneau, Alaska
6:10-6:30	KMED	1410	Medford, Ore.
6:20-6:40	KVOS	1200	Bellingham, Wash.

KDKA's New Aerial

The new 718 foot vertical antenna of KDKA, situated at Saxonburg, about twenty miles north of Pittsburgh, is now in use. This aerial, which weighs close to sixty tons, is the tallest *slim* tower in the world. Standing nearly as high as a sixty story building, it is only 5½ feet wide for its entire height.

The aerial rests on a porcelain ball-and-socket joint, and is supported by two sets of guy wires. It will sway in the wind, of course but the socket joint will permit of easy motion, and the guy wires, together with the insulator, can withstand a stress of 100 tons if necessary.

It is expected the new aerial will solve the fading problem which long has vexed the operators of KDKA. Eight smaller antennas surrounding the pylon are expected to suppress the ground waves so that only a sky wave will be emitted. A ground system consisting of 48 miles of copper wire buried in the ground will increase the effectiveness of the new aerial.

Many will recall that about a year ago an unfortunate accident occurred at the KDKA site, during the construction of their first vertical aerial. A 644 foot antenna collapsed at that time, just as it was nearing completion.

Snapshots from NBC's family album: Harriet Hilliard, of course, is Mrs. Ozzie Nelson, wife of the orchestra leader and mother of a year-old son. But H. H. is a professional name; she was christened Peggy Lou Snyder. Her father was a stage director, her mother an actress. . . . Conductor Ted Fio-Rito inherited his talent from his parents. His mother, Eugenia Conta Lupe, starred in light opera in Italy; his father, Louis Fio-Rito, played in symphony orchestras.

Station Break Rule Amended

Rule 175, concerning the call letter announcements of broadcasting stations, has been amended to allow announcements to be made "when practicable," in the case of long concerts, plays, speeches or similar broadcasts.

The rule now states that call letters and locations shall be announced as frequently as practicable, and in any event, before and after each separate program. "In no event shall more than thirty minutes elapse between such announcements," the rule reads, "and in so far as practicable these announcements shall be made on the hour and half hour. These requirements are waived when such announcements would interrupt a single consecutive speech, play, symphony concert or operatic production of longer duration than thirty minutes."

Sidelights on the career of O. B. Hanson, chief engineer of NBC: Graduate of the Marconi wireless school. . . . During the World War was radio operator of a ship sunk by a torpedo. . . . Became an engineer with the Marconi Company and designed some of the earliest broadcasting stations. . . . Was with WEAf when operated by the A. T. & T. Company.

Sheila Barrett, the mimic who is now projecting her own program on NBC with Joe Rines' Orchestra and Graham McNamee as emcee, has become cautious about the subjects she picks for impersonation. It seems two celebrities—one a movie queen and the other a stage star—protested she accentuated certain mannerisms too sharply and begged to be omitted from her repertoire. Miss Barrett, always willing to oblige, complied with their request.

I sometimes think there should be a law requiring everyone to spend some of his spare time training for the future. I once thought all the cards were stacked against me. Now I'm making good money. Maybe my experience will show you the way to better pay too.



I THOUGHT RADIO WAS A PLAYTHING

But Now My Eyes Are Opened--I'm Making Over \$40 a Week!

\$40 a week. Man alive, I used to think anyone making that much was just plain lucky.

A short time ago I was just barely getting by. It was the same old story—a little job; a salary as small as the job.

If you had told me that I would soon be making \$40 and more a week in my own Radio business—I'd thought you were crazy. To me, Radio was a plaything. Now I know it's a big business where specialized training pays rich rewards.

But I am getting ahead of my story—let me tell you how it all started. I was hard up because I had been kidding myself—that's all—not because I had to be. I thought a fellow either had to be lucky or have a string of college degrees to make good money.

One day I picked up a magazine and an ad attracted me because it seemed to fit my case. It said, "I will train you to start a spare time or full time Radio service business of your own WITHOUT CAPITAL."

"They're trying to kid somebody," I thought, "but I'll find out what it's all about."

I wrote in, and within a few days received a 64-page book, telling about the opportunities in Radio; how I could prepare right at home in my spare time, and how they would show me how to start making money in my neighborhood selling and repairing Radio sets. It would have sounded too good to be true if it had not been backed up by nearly 100 letters from fellows who had taken their course and were very enthusiastic about it.

What has happened since seems almost like a dream. I started to take their course, and soon I was ready to start making money in my neighborhood—as much as \$5 and \$15 a week. It wasn't long until I had saved enough money to start a full time business of my own.

That business in a surprisingly short time grew to the point where I am clearing over \$40 a week. All this took place under the watchful guidance of my friends at the National Radio Institute. They also offered to train me for jobs in Broadcasting Stations, Radio Factories, Radio Jobbers and Dealers, Aviation Radio, Television, Short Wave Stations, Automobile, Police Radio, Loud Speaker Systems, and other branches of Radio.

THINK IT OVER

Friend—you may not be as bad off as I was—but think it over—are you satisfied? Are you making as much money as you need? Would you sign a contract to stay where you are for the next

ten years at the same salary? Those are the things you have to think about—because no one is going to make it his business to push you ahead—you must make it your own business.

TAKE MY TIP

Write for their book, "Rich Rewards in Radio." It won't cost you anything except a postage stamp. It shows you a lot of things which I don't believe you know now about Radio—a lot of facts and figures on the opportunities in this new, fast-growing field—where the jobs are, what they pay, how to get ready for them. Beginners as well as experienced men are making as much as \$500 to \$1,500 a year more as a result of N. R. I. Training. And at the same time they send the book, "Rich Rewards in Radio," they'll send you, without any cost or obligation, a Free Lesson, to prove that their training is easy, practical, fascinating. The lesson they send, "Radio Receiver Troubles—Their Cause and Remedy," is valuable. And when you read this lesson, you'll know why so many fellows have mastered N. R. I. Training and are now making good money as Radio Experts.

You are not placing yourself under any obligation by writing for this material as they will gladly send it to anyone who is ambitious and wants to get ahead. Mail the coupon in an envelope or paste it on a 1c postcard. Just address Mr. J. E. Smith, President, National Radio Institute, Dept. 7NO, Washington, D. C.

J. E. Smith, President,
National Radio Institute
Dept. 7NO, Washington, D. C.

MAIL THIS
COUPON

Dear Mr. Smith:

Without obligation, send me the sample lesson and your book about spare time and full time Radio opportunities, and how I can train for them at home in spare time. (Please print plainly.)

Name..... Age.....

Address.....

City..... State.....

14X1