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MEMBER



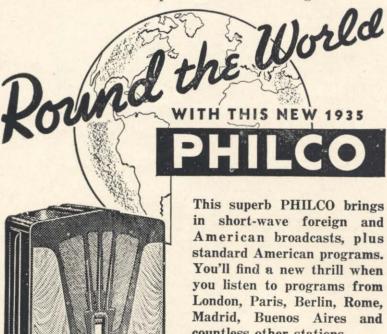


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et's cut out the bunk in radio selling HERE'S MY PROPOSITION

It's no wonder that you are confused by all the hue and cry of various all-wave manufacturers. Obviously, there can be but one "Best!" How are you to know which one? My suggestion to you—and my challenge to the radio industry—is that you be allowed to find out for yourself by actual trial in your own home. I have sufficient confidence in the superiority of the SCOTT ALLWAVE XV—above any other all-wave receiver on the market today—to willingly abide by wart findings. abide by your findings.

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Disregard all claims—remember that adjectives and fancy phrases can be used by anyone. Your investment in an all-wave receiver is a sizeable one, and deserves serious consideration. Make the receiver you finally select prove itself in actual operation over a long enough period of time to be conclusive.

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If you could look at the "insides" of other all-wave receivers in comparison you would immediately see why the SCOTT ALL-WAVE XV is such a big value, even if you knew absolutely nothing about radio construction. You would find oversize and overstrength construction everywhere, and innumerable points of superiority that would instantly explain to you why this is the only all-wave receiver given a five-year warranty by a responsible manufacturer. Why not take advantage of the opportunity of making an actual, convincing test yourself through side-by-side comparison of any other all-wave receiver during a 30-day trial period. any other all-wave receiver during a 30-day trial period.

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The Dialist

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EDITORIAL

In presenting the third issue of The Dialist its editors have endeavored to include information and items of interest to all classes of radio listeners. It will be noted that the log of broadcasting stations which heretofore has appeared in frequency arrangement, has been augmented by an alphabetical list which will serve as a further reference to quickly locate stations.

We consider these logs and the lists of frequency tests, both by stations in the United States and Canada, to be most up-to-date and it is hoped that the columns devoted to short wave activities will meet with the approval of listeners interested in that phase of reception. The short wave log has been compiled by one of the country's foremost authorities, Captain Horace L. Hall.

It is the intention to make The Dialist even still better in subsequent issues and in that direction suggestions and constructive criticism are welcomed from both readers and NNRC members.

The editors take this opportunity to extend holiday greetings to readers of The Dialist, to the officials of The Newark Evening News, to the National Broadcasting Co., the Columbia and American Broadcasting Systems and to all those whose excellent co-operation has made this publication possible.

TRANS-ATLANTIC RECEPTION

The present DX season has been unusual in that listeners along the Atlantic Coast and even in sections farther inland have been hearing consistently, a number of European broadcasters, including Poste Parisien, 959 kilocycles, Paris and Radio Toulouse, 914 kilocycles, Toulouse, all in France, during the late afternoon

Last year Poste Parisien and Radio Normandie, 1458 kcs., Fecamps, France, were logged on early morning programs by thousands of DXers. It will be remembered that the former rebroadcast Australian cricket matches received by telegraph direct from "down under". Here and there reports of reception of European stations were received but these were confined chiefly to the New England States and Maritime Provinces of Canada.

The 1934-35 season had hardly gotten under way when headquarters of The Newark News Radio Club was deluged with listeners' mail and in almost every instance the writers were amazed at the signal strength and clarity of the signals of our friends across the Atlantic.

Among the regulars this year are Poste Parisien, Radio Normandie, Radio Toulouse and Radio Strasbourg, all in France. The latter is assigned to 859 less.



Rosemary (left) and Priscilla Lane, with Fred Waring's program, are probably the only sisters in radio heard as individual soloists and not as a harmony team.

The Germans too, are frequent visitors to these shores. Best bets in that country are Cologne, 660 kcs.; Munich. 745; Leipzig, 785; Hamburg, 904. and Frankfurt, 1195 kcs.

HAL, 545 kcs. Budapest, Hungary, is also being reported although not as regularly as the others. Another infrequent one is Radio Beromunster, 555 kcs., Switzerland.

Copenhagen, Denmark, 1178 kcs., has been logged on various occasions while I1TO, Turin, Italy, 1140, and Trieste, also in Italy, and on 1223 kcs., might be classed with the regulars.

The scarcity of reports of European reception from DXers in the middle and far West is causing quite some comment as to the eccentricities of Trans-Atlantic reception inasmuch as the signal strength of stations in Europe (Continued on Page 34)

STUDIO GOSSIP

Fire Chief Ed Wynn has a fan note from the "Last of the Carrs," in response to a letter signed by "Caboose," which he read on the air recently.

Arthur Allen, NBC character actor, in his early days trouped with a repertoire company. Invariably, he was cast as an English butler. After exclaiming "Yes, me Lord," something like 10,000 times Allen sickened of stock acting and got himself a radio job.

Wendell Hall, the Red Headed Music Maker, who is heard over an NBC-WEAF network each Sunday at 7:45 P. M., EST, is, measure for measure, probably the highest paid compos r on record. He received more than \$6,000 per bar for writing "It Ain't Gonna Rain No Mo" because the whole song contained only eight bars of music. The rest was repetition and the song netted Wendell more than \$50,000 while it was selling two million copies of sheet music.

IOEY'S DIFFERENT

Joey Nash, the tenor who sings with Richard Himber and his Champions over an NBC network Monday evening at 8 works so hard crooning love songs and learning new ones that he hasn't time left to make them a personal interest.

Some singers believe they find inspiration in singing to some loved one, but Joey thinks differently. "In order to give a song its proper interpretation and do it justice," he says, "you have to concentrate on it alone. You can't do that while singing the number and thinking of someone or something else."

Joey is so busy learning such songs as "I'll Never Forget You," "Will You Remember Me?" "To Hold You and Enfold You" and "I Love You," that he hasn't had a chance to find out what "This Thing Called Love" really is. Sometime in the future he intends to investigate for himself.

Those Amos 'N' Andy episodes you hear nightly, except Saturday and Sunday, are written only a few hours before they are broadcast. There's none of this getting ahead in scripts with Freeman F. Gosden (Amos) and Charles J. Correll (Andy). They write every script the day it is broadcast. They've done so for several years, because they find they can work better that way. For one thing, the episode is fresh in their minds when it is broadcast only a short while after it is written. This is especially important in



Frank Luther, has appeared on many NBC network programs as soloist and with quartets and trios. A composer, his arrangements of favorite cowboy and hill billy songs are always in demand.

view of the fact that Amos 'n' Andy never rehearse their program. They write it together, Correll typing one original and one carbon copy, single spaced, and then he puts both copies in his hip pocket, where they remain until he produces them in the studio during the playing of the theme song. But that is not the only reason Amos 'n' Andy work so close to their broadcast schedule. Several years ago, when they sometimes wrote several episodes ahead of schedule, they found they wasted more time getting started on their job of writing than they did on the writing itself, because they knew it didn't have to be done that day. It could be postponed. Now, when they know that an episode must be written before evening they settle down to work without preliminaries.

Many persons marvel that they can keep producing daily episodes after so many years on the air. But it's simple, according to Gosden and Correll. "We've written more than 1,900 Amos 'n' Andy episodes already," they explain. "And every time the job seems difficult, we tell each other that if we've written 1,900 of them we ought to be able to do just one more. And we do!"

The twelfth anniversary of one of radio's pioneer features was celebrated Sunday morning, Nov. 18, when the 624th consecutive weekly program emanated from the Capitol Theatre in New York over an NBC network. The Capitol program first went on the air to crystal and peanut tube set listeners November 19, 1922. It immediately established itself as top rank radio entertainment, a position it has maintained through the many years despite the increasing competition of many other fine programs. During the 624 Sundays on which it has been broadcast, the Capitol Theatre program has brought to millions of listeners scores of entertainers who have achieved national radio popularity.

Major Edward Bowes, manager of the big Broadway screen house, inaugurated the now famous Capitol Family series in July, 1925. With only a few absences, most of them due to illness, the Major appeared each Sunday as the genial master of ceremonies in the widely-heard program, and his readings of appropriately topical and inspirational verse have become a feature looked forward to by millions of listeners from coast to coast.

ALLENS BUSY

Weekends aren't holidays for Fred Allen. The impresario of the Mighty Allen Art Players and star of the Town Hall Tonight broadcasts spends Saturday and Sunday working on next week's script. The script must be ready at 9 A. M. Monday, when preparation for the Wednesday program begins and very often Allen works until six or seven Monday morning before he is satisfied with the result. His right hand assistant in these long sessions is none other than Portland (Peek-a-boo) Hoffa, herself a Town Hall Tonight star and Mrs. Allen outside the studios. Weekend for the Allens actually comes in the middle of the week. They begin at 1 Thursday morning, when Town Hall Tonight signs off its repeat broadcast for Pacific coast listeners; it lasts until the cycle starts again on Saturday morning.

When Harry Richman steps up to the microphone listeners to his comic and vocal presentations may forget his other capabilities. Besides being the star of an NBC program Wednesday nights at 10.30, EST, he is a successful composer of songs. One of his early compositions was that astronomical hit "There Ought to be a Moonlight Saving Time." "Walking My Baby Back Home," and "Roll-Roll-Rolling Along," are two more that gained national recognition. Richman is tall and athletic

and has had a varied career. In turn he has been pianist for Mae West and later the Dolly Sisters; a side-show spieler, a cowboy, Atlantic City life-saver, a dress salesman, one of America's foremost night club entertainers and a gob in the United States Navy. Richman is one of radio's pioneers and atributes the greater part of his present popularity to his air programs. His chief hobbies are yachting and gun collecting. Between programs he takes out parties of friends to cruise in nearby waters. He is aided on his programs by the music of Jack Denny and the commentator, John B. Kennedy.

Gladys Swarthout, celebrated Metropolitan Opera mezzo-soprano, will be soloist with William Daly's symphonic orchestra in the new Winter series.

WFBR TO DX

Elaborate preparations are being made by WFBR, Baltimore, for their second annual DX broadcast in conjunction with The Newark News Radio Club December 23. A new antenna has been erected since their DX program last Winter and it should materially increase WFBR's signal strength and gain many new listeners in all parts of the country.

The new voice of WFBR's transmitter is a Blaw Knox self-supporting vertical steel radiator and engineers report that its efficiency corresponds to more than double the present power. The signal is sharper, clearer and miles have been added to the station's coverage. This vertical radiator is a single tower resoaring 227 feet into the air; it is the loftiest radio tower in Maryland. It has a specially designed ground system utilizing 12,000 feet of copper wire and strip. With twenty-seven tons of steel in this tower radiating the full volume of speech throughout its entire length, WFBR now has the newest and most effective broadcasting equipment.

Thus, WFBR has added another chapter to its fast moving story of success. Maryland's pioneer broadcast station first went on the air back in 1922 on a frequency of 1270 kilocycles. In 1931 they joined the NRC red network.

WFBR's NNRC program will start at 1.30 A. M., EST, immediately after the close of a sponsored three-hour dance program on the red network the night of December 22.

THE DXER'S CORNER

Henry T. Tyndall, Jr., 285 North Street, Burlington, Vt., writes: "The only catches in November were W1XBS, KYW, (in Philly); XEAF, XEK, and COA. COA was plenty tough as there was plenty of interference and a high noise level; was able however, to get his announcements and a number of selections for verification. XEK was fairly good but XEAF was weak and not on 990. I found him to be nearer 1005 kcs., and he was pretty close to KYW. Only new veries are from WLLH, WTCN and the short waver, ORK. Tuned in COH at 5.15 P. M., November 21; he came in very well."

Identifying the mystery station on 1015 kcs., as XEJ, Albert J. Bartholomew, Bradford, N. Y., adds that the Mexican is on every morning until 1.30, EST, or later, with a program of American dance music. Announcements are in English and Spanish with the selection "Sophisticated Lady," as their sign-off number. Al says: "I am hearing WAAW nearly every morning at 7, EST, when they come on the air but so far have been unable to identify any musical numbers to verify. Announcements are usually clear. Caught WABY, CKCD and CJKL Sunday morning, November 25."

Harold Gordon, 98 Second Street, Newark, N. J., informs us that while tuning in with his RCA-Victor the night of November 21 he logged KGMB, Hawaii, requesting listeners to send in reports of reception.

Says Ralph Metzger, 95 Eastern Parkway, Brooklyn, N. Y.: "When things pick up I intend to join the NNRC. I have 416 verifications at present. Do you know which station was operating on 570 kilocycles November 17 from 4 to 6 A. M.?" Our guess is TGW, 565 kcs., Guatemala City, Guatemala. Ralph also heard another foreign station on 680 that morning about 5.20 but was unable to get its call. He wonders if someone can help him identify it.

LIKES THE LS

Admitting he is keenly interested in South American stations, William Goerbig, 515 Orlinda Avenue, Scotia, N. Y.,

says he listened to LR5's NNRC broadcast November 4 and enjoyed every bit of it. School work has curtailed "The Scotia DXer's" radio activities this season but he expects to devote more time to his log from now on. We will be expecting a good DX report from that quarter before long.

Walter H. Kniffin, 7335 Ingleside avenue, Chicago, heard TGW's special program for The Newark News Radio Club November 25, and it prompted him to request membership information and an application. Mr. Kniffin adds: "I have often heard your club mentioned in connection with DX broadcasts."

Orville Brown, 419 Eighth Street, Devils Lake, N. D., believes the present DX season will be a bumper one. So far he has added TGW, LR5 and CMBC, his first stations outside of the United States, Canada and Mexico. Other new ones are CKBI and CKCH. Orville's log now includes 335 stations and 221 veries. He is determined to boost the latter number past the 300 mark before next Spring or "bust" in the attempt.

CMBC TO DX

John Clarke, 387 Fourteenth street, Buffalo, is in receipt of a verification from CMBC, 1030 kcs., Havana, whose DX announcer, Ovidio Fernandez, writes that they will transmit a special program for the NNRC December 18 from 1 to 2 A. M., EST.

DXers who might wish to obtain information concerning European BC stations can do so by writing to Hartley Phillips, R. F. D. No. 2, Flemington, N. J., enclosing return postage. Hartley has devoted considerable time and effort to the broadcasters across the Atlantic and as the result, his compilations are valuable for reference purposes.

Reporting verifications from CJLS, CKBI, WGPC, WDNC, and WAGF, William Benz, 4717 Morganford Road, St. Louis, advises he heard TGX, Guatemala City, recently, testing on about 595 megacycles. They announced they were the only short wave station in Guatemala and gave their schedule as follows: 8 A. M., to 9 A. M.; 1 to 2 P. M., and 8 P. M., to midnight, EST. To date, Mr. Benz has acquired 666 confirmations of reception.

Carl Forestieri, (The Bronx Owl) 463 East 185th Street, New York City, added three new ones to his log the morning of November 25—WABY, testing on 1370 kcs., from Albany, N. Y.; CJKL and KTRB. Says Carl: "The Europeans and trans-Pacifics seem to go up a side street when they reach this neighborhood and VOGY eluded me Honor certificates and hope to be able you see I have my eyes on one of those once more November 25."

WANTS HONOR CERTIFICATE

"From now on I am going to spend all the time I possibly can at my radio; to obtain one before the end of the present season," writes Harry M. Emerick, Shanksville, Pa. "I need forty-five veries, fifteen of which must be 2,000 milers, in order to qualify. So far this Fall, I have only been able to add twenty-five new stations to my log, increasing it to 774. My best verifications this season are KOTN, KWYO, KIDO, KPAC, (completing Texas); CHWC, WHEF, CJGX, and CJLS for a total of 755."

Submitting a resume of his DXing activities, Lloyd S. Hahn, 2810 Laurens Street, Baltimore, states he has added thirty-three new ones this season including YV1RC, LS2, TGW, CKBI, CKGX, XEMO and KFKU. Lloyd's log now contains 790 stations of which 650 are verified and 105 are 1,900 milers. Eightyone of the latter have confirmed his reception.

James Dunigan, (The Knight of the Burning Candle) 194 North Street, New Britain, Conn., has received 692 stations and 268 verifications, thirty-four of which are in the 2,000-mile category. Jimmy's new catches are CKCK, CMBC, COX, CJKL, KOB, KADA, WKZO, WBRE, WNEL, WNBH, WTAQ, WBAA, WIXBS, VONF, XEBC, XEK and YVIRC. His only SW addition is COA, Havana, Cuba. Confirmations have come in from CJLS, KTSA, KTM, KFKA, KGA, KVOD, KFBB, WHJB, WPRO, WPTF, WMBI, WOV, WEDC, WHBI, WIBA, WNBH, WSJS, WADC, WLLH, WAGM, WLAP, WOKO, WMBQ and XEAW. Jimmy is having difficulty procuring verifications from WMEX, Chelsea, Mass., and WIP, Philadelphia. The return postal card scheme has worked with WMEX but we are at a loss to understand WIP's laxity. Perhaps some other DXer can give Jimmy the combination of that one.

Andrew Hill, (The Night Owl) 14 Worthley Street, Red Bank, N. J., has boosted his log a few notches higher through the acquisition of CRCS and CHNC, both 100 watt Canadians. He



Loretta Lee, torch singer, featured with George Hall's orchestra and on her own broadcast every Thursday at 5 P. M., E.S.T., over CBS.

now has 562 BC stations. Those of you dial twisters who would like to correspond with Andy will find it worthwhile. He'll come right back at you and nine times out of ten you will find his letters contain some good DX tips.

LORD CLOSE TO 900

DXing, according to Carleton Lord, 637 North Highland Avenue, Akron, O., has been spotty for some time now. Carl says he found September and the early part of October most favorable with everything pointing to a good old-fashioned season. However, static and local interference have increased tremendously the last month and his chances of hearing a few Aussies and Zedders were null and void. Despite the QRM, Carl has added thirty-four new ones since September to bring his log total to 891. Best catches were XEXX, 2BL, XEJ, XEK, and XEAF.

On its initial broadcast of a series of

On its initial broadcast of a series of Newark News Radio Club programs, November 4, LR5, Buenos Aires, was received with excellent signal strength up in Portland, Ore., by Chester H. Monnich. Commenting about his reception, Chester says: "LR5 was perfect and I sure was glad to be able to

(Continued on Page 39)

DEFINING A DX STATION

We are asked: "What is a DX station?" many times during the course of a season by the uninitiated. Some want to know if distance, power, or lack of power are requisites to classify a station as a DX catch. We therefore mention the circumstances, or combination of circumstances, whereby any broadcasting station may be in that category, depending upon your geographical location.

For example: KFI, 640 kcs., Los Angeles, only a few years back used 5,000 watts and was then considered a good catch. Now that it has 50,000 watts, few listeners on this continent consider it as such but in South America, Europe, Asia, Australia or New Zealand, it still is alluring to the dial twister.

America, Europe, Asia, Australia of New Zealand, it still is alluring to the dial twister. Another example: In Omaha, Nebr., is located station WAAW which operates on 660 kilocycles with 500 watts. To listeners in the western section of this country WAAW is perhaps an ordinary catch but in those other sections covered by WEAF, assigned to the same frequency, WAAW is very desirable and until several months ago it was missing from many a DXer's log. The reason? WAAW signs on and signs off while WEAF is operating with its 50,000 watts. Ordinarily, a 500 watt station, on a clear channel and on a fairly decent DX night can be heard in almost every part of the northern hemisphere but not when it is blanketed by another with 100 times greater power. It will now be understood why the announcement that WAAW would broadcast a series of special early morning programs was hailed with glee by the DXing fraternity.

DAYTIMERS RARE

Daytime stations, outside of their normal coverage area, are usually considered to be good DX catches. Stations that rarely transmit special, early morning programs, and especially those on crowded channels are also good catches. For instance: KGGC,

San Francisco, a 100 watter on 1420 kilocycles has always been and still is considered to be a desirable addition to DXers' lists, not alone because of its distance from other parts of the country but primarily because it has seldom been on the air during the early morning hours. Stations with inferior transmitting equipment and with transmitters located in sections where they do not operate with a maximum of efficiency, may also be included in the seldom heard category.

Summed up, the situation is this: When a station is assigned to day-time operation only and with low power, its coverage is limited to but a few hundred miles; such a station's effectiveness is further reduced when it is

assigned to a frequency with other stations of equal or greater power. Those assigned to such frequencies as 1200, 1210, 1310, 1370 or 1420 kcs., with partial time on the air, may also be classed as hard to get outside of their immediate areas. Poor transmitter locations and broadcasting equipment are the reasons why some stations are classed as DXes. Finally, the distance of a station from the point of reception is a factor in determining its classification; in other words, a broadcaster 2,000 miles or more away and operating with low power falls into that category.



Whispering Jack Smith, who claims to have originated the low, intimate type of vocalising, is a veteran radio and recording artist.

Many stations have been rarities among the dial twisters until they were persuaded by the courtesy programs committees of the various clubs to transmit DX programs or a series of programs. As a consequence, they have become better known and their verifications part of the records of the great majority of DXers.

In the final analysis we can answer our questioners who ask: "Is such and such a station a DX catch?" by saying: "It depends upon where you live."

MONTHLY FREQUENCY TESTS

(Time is A.M., Eastern Standard; Frequencies in Kilocycles)

	(2		
	FIRST MONDAY	4.00 to 4.20	1200-KWG, Stockton, Calif.
			1290-WNEL, San Juan, P. R.
2.00 to 2.20	1500-WCNW, Brooklyn, N. Y.	4.10 to 4.30	1310-WTJS, Jackson, Tenn.
	1310-WJAC, Johnstown, Pa.		1500—KPJM, Prescott, Ariz.
2.10 to 2.30	1210—WFAS, White Plains, N. Y.	4.20 to 4.40	1370—WPFB, Hattiesburg, Miss.
	1370—WRAK, Williamsport, Pa.		1370—KERN, Bakersfield, Calif.
2.20 to 2.40	1500-WNBF, Binghamton, N. Y.	4.30 to 4.50	1420-WGPC, Albany, Ga.
	580-WCHS, Charleston, W. Va.		1500—KXO, El Centro, Calif.
2.30 to 2.50	1420—WAGM, Presque Isle, Me.	4.40 to 5.00	1200-WBNO, New Orleans, La.
	1370—WBTM, Danville, Va. 1200—WLVA, Lynchburg, Va.		1210—KIEM, Eureka, Calif.
2.40 to 3.00	1420—WHOL, Olean, N. Y.	4.50 to 5.10	1310-WROL, Knoxville, Tenn.
2.50 to 3.10	1310—WHAT, Philadelphia, Pa.		1440—KLS, Oakland, Calif.
0.004-0.00	1200—WCAX, Burlington, Vt.	5.00 to 5.20	1500—WDNC, Durham, N. C. 1420—KGIX, Las Vegas, Nev.
3.00 to 3.20	1500—WSYB, Rutland, Vt.	* *** * * **	1200—WJBW, New Orleans, La.
3.10 to 3.30	1310—WTEL, Philadelphia, Pa.	5.10 to 5.30	1320—KGMB, Honolulu, Hawali.
3.20 to 3.40	1200—WIBX, Utica, N. Y.	F 00 4 - F 40	1310—WAML, Laurel, Miss.
3.30 to 3.50	1370—WQDM, St. Albans, Vt.	5.20 to 5.40	1370—KRE, Berkeley, Calif.
3.30 10 3.00	1210—WKOK, Sunbury, Pa.		1210-WSIX, Springfield, Tenn.
3.40 to 4.00	1310-WMBO, Auburn, N. Y.	5.30 to 5.50	750—KGU, Honolulu, Hawali.
3.50 to 4.10	1370—WABY, Albany, N. Y.	T 40 4- C 00	1370—KGAR, Tueson, Ariz.
3.50 10 4.10	1210-WBAX, Wilkes-Barre, Pa.	5.40 to 6.00	1310—KCRJ, Jerome, Ariz.
4.00 to 4.20	1220-WCAD, Canton, N. Y.	5.50 to 6.10	1100-KGDM, Stockton, Calif.
4.00 10 4.20	1200—KOOS, Marshfield, Ore.	6.00 to 6.20	1200—KSUN, Lowell, Ariz.
4.10 to 4.30	1210-WBBL, Richmond, Va.	6.10 to 6.30	740—KTRB, Modesto, Calif.
4.10 10 4.50	900-KGBU, Ketchikan, Alaska.	6.20 to 6.40	740—RIRD, Modesto, Carri
4.20 to 4.40	1290-WNBZ, Saranac Lake, N. Y.		FIRST WEDNESDAY
4.20 10 4.10	1310-WBRE, Wilkes-Barre, Pa.		Transfer Contractor Contractor
	1200-KGVO, Missoula, Mont.	2.00 to 2.20	1310—WEBR, Buffalo, N. Y.
4.30 to 4.50	1200-WNBO, Washington, Pa.	2.10 to 2.30	920—WPEN, Philadelphia, Pa. 1310—WSAJ, Grove City, Pa.
2100 00 1100	1500-KPQ, Wenatchee, Wash.	2.20 to 2.40	
4.40 to 5.00	1310-WRAW, Reading, Pa.	2.30 to 2.50	
4,40 00 0100	1210-KGY, Olympia, Wash.	2.40 to 3.00	1310-WFBG, Altoona, Pa. 880-WPHR, Petersburg, Va.
4.50 to 5.10	940-WAAT, Jersey City, N. J.	2.50 to 3.10	1370—WDAS, Philadelphia, Pa.
	1370-KRKO, Everett, Wash.	3.00 to 3.20	1500—WKBB, East Dubuque, Ill.
5.00 to 5.20	570-WSYR-WSYU, Syracuse, N.Y.	9 10 1- 9 90	1410—WRBX, Roanoke, Va.
	1200-KFXD, Nampa, Idaho.	3.10 to 3.30	1200—WHBC, Canton, O.
5.10 to 5.30	600-WCAC, Storrs, Conn.		1420—KGIW, Trinidad, Colo.
	1370-KVL, Seattle, Wash.	3.20 to 3.40	
5.20 to 5.40	1310-KGEZ, Kalispell, Mont.	3.20 10 3.40	1310-WTRC, Elkhart, Ind.
5.30 to 5.50	1370-KUJ, Walla Walla, Wash.		1370-KICA, Clovis, N. M.
5.40 to 6.00	1310-KGCX, Wolf Point, Mont.	3.30 to 3.50	
5.50 to 6.10	780-KFQD, Anchorage, Alaska.	0.00 to 0.00	1410-WBCM, Bay City, Mich.
6.00 to 6.20	880—KSEI, Pocatello, Idaho.		1200-KGHI, Little Rock, Ark.
6.10 to 6.30	1200-KVOS, Bellingham, Wash.	3.40 to 4.00	
6.20 to 6.40	1310—KIT, Yakima, Wash.	0140 40 5111	630-WGBF, Evansville, Ind.
6.30 to 6.50	1120-KRSC, Seattle, Wash.		1420-KIDW, Lamar, Colo.
6.40 to 7.00	1310-KXRO, Aberdeen, Wash.	3.50 to 4.10	1210-WOCL, Jamestown, N. Y.
6.50 to 7.10	1120-KFIO, Spokane, Wash.		1410-WROK, Rockford, Ill.
7.00 to 7.20	1210—KFJI, Klamath Falls, Ore.		1200-KBTM, Jonesboro, Ark.
7.10 to 7.30	1310-KMED, Medford, Ore.	4.00 to 4.20	880-WQAN, Scranton, Pa.
7.20 to 7.40	1420-KORE, Eugene, Ore.		1310-WBOW, Terre Haute, Ind.
	FIRST TUESDAY		1280-KFBB, Great Falls, Mont.
2.00 to 2.20	1210-WPAX, Thomasville, Ga.	4.10 to 4.30	1430-WHEC, Rochester, N. Y.
2.10 to 2.30	1200-WBHS, Huntsville, Ala.		570-WOSU, Columbus, Ohio.
2.20 to 2.40	The second secon		1370—KGFL, Roswell, N. M.
2.30 to 2.50		4.20 to 4.40	
2.40 to 3.00			1310-WBEO, Marquette, Mich.
2.50 to 3.10		4.30 to 4.50	
3.00 to 3.20			570-WKBN, Youngstown, Ohlo.
3.10 to 3.30			1250-WCAL, Northfield, Minn.
3.20 to 3.40		4.40 to 5.00	
3.30 to 3.50	The state of the s		1200-KFJB, Marshalltown, Ia.
3.40 to 4.00	1200-KMLB, Monroe, La.	4.50 to 5.10	
3.50 to 4.10	The state of the s		1420—WACO, Waco, Tex.

5.00 to 5.20 1070-WDZ, Tu	iscola, Ill.	3.30 to 3.50	1420-WELL, Battle Creek, Mich.
1200—KGDE, F	ergus, Falls, Minn.		1200-KGEK, Sterling, Colo.
	Stevens Point, Wis. nneapolis, Minn.	3.40 to 4.00	1210—WALR, Zanesville, O. 1310—KFPL, Dublin, Tex.
5.20 to 5.40 890—WBAA, V 1200—WIL, St.	West Lafayette, Ind. Louis, Mo.	3.50 to 4.10	1420—WMBC, Detroit, Mich. 1200—WCAT, Rapid City, S. D.
5.30 to 5.50 1440—WTAD, 0 1320—KGHF, F		4.00 to 4.20	1310—WFDF, Flint, Mich. 1240—KGCU, Mandan, N. D.
5.40 to 6.00 1240—WXYZ,	Detroit, Mich.	4.10 to 4.30	1200—WFBE, Cincinnati, O. 1370—KWYO, Sheridan, Wyo.
FIRST THUR	RSDAY	4.20 to 4.40	1450-WGAR, Cleveland, O.
2.00 to 2.20 1210-WSOC, C	harlotte, N. C.		1240—KLPM, Minot, N. D.
2.10 to 2.30 920—WSPA, S	Spartanburg, S. C.	4.30 to 4.50	1200—WCLO, Janesville, Wis. 1370—KGFG, Oklahoma City, Okla.
2.30 to 2.50 1310—WSGN, 1	Birmingham, Ala.	4.40 to 5.00	1310—WCLS, Joliet, Ill.
2.40 to 3.00 1420—WJBO, 1	Baton Rouge, La.	4.40 10 0.00	1420-KABC, San Antonio, Tex.
2.50 to 3.10 1210-WGCM,	Gulfport, Miss.	4.50 to 5.10	1200-WJBL, Decatur, Ill.
3.00 to 3.20 1500—WRDW,	Augusta, Ga.		1370-KFJZ, Fort Worth, Tex.
	Green Bay, Wis.	5.00 to 5.20	1500-WJBK, Detroit, Mich.
3.10 to 3.30 1240—WKAQ,	San Juan, P. R.	F 40 4 - F 00	1430—KWCR, Des Moines, Ia.
	Ironwood, Mich.	5.10 to 5.30	1210-WIBU, Poynette, Wis. 1500-KGFI, Corpus Christi, Tex.
1370—KLUF, (5.20 to 5.40	
3.20 to 3.40 1360—WCSC, C	Charleston, S. C.		1420-WLBF, Kansas City, Kan.
1210—WEDC,		5.30 to 5.50	1210-WCRW, Chicago, III.
1310—KTSM, I	Greensboro, N. C.		1500—KGKB, Tyler, Tex.
	San Angelo, Tex.	5.40 to 6.00	1330-WTAQ, Eau Claire, Wis. 1420-WMBH, Joplin, Mo.
3.40 to 4.00 1340-WCOA,		5.50 to 6.10	1210-WJIM, Lansing, Mich.
1210—WSBC, 0			
	Greenville, Tex.		FIRST SATURDAY
3.50 to 4.10 1360—WQBC,			race month Bel Beek W I
	ond du Lac, Wis. San Antonio, Tex.	2.10 to 2.30	1210—WBRB, Red Bank, N. J. 1500—WWRL, Woodside, N. Y.
4.00 to 4.20 580-WDBO,		2.20 to 2.40 2.30 to 2.50	1210-WGNY, Chester Twp. N. Y.
	** ** ***	With Fire Service	
1210—WEBQ,	Harrisburg, III.	2.40 to 3.00	1500-WMBQ, Brooklyn, N. Y.
1310—KFYO,	Lubbock, Tex.	2.40 to 3.00 2.50 to 3.10	1210-WGBB, Freeport, N. Y.
1310—KFYO, 4.10 to 4.30 1430—WNBR,	Lubbock, Tex. Memphis, Tenn.		1210-WGBB, Freeport, N. Y. 1430-WOKO, Albany, N. Y.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich.	2.50 to 3.10	1210-WGBB, Freeport, N. Y. 1430-WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex.	2.50 to 3.10 3.00 to 3.20	1210-WGBB, Freeport, N. Y. 1430-WOKO, Albany, N. Y.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex.	2.50 to 3.10	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla.	2.50 to 3.10 3.00 to 3.20	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City.
1310—KFYO, 1 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 1370—KFJM,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.30 to 5.00 1210—WCBS,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4370—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 1570—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City.
1310—KFYO, 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.70 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX,	Lubbock, Tex. Memphis, Tenu. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1290—WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WIBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1222—WDAE, 1500—WKBZ, 1370—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 tq 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 1570—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia.
1310—KFYO, 1 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 1500—WKBZ, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.20 to 5.40 1210—WHBU,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1290—WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WIBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WHBU, 5.30 to 5.50 1370—WHBU, 5.30 to 5.50 1370—WHBU,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WUBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WHBU, 5.30 to 5.50 1370—WHBU, 5.30 to 5.50 1370—WHBU,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WUBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1222—WDAE, 1500—WKBZ, 1370—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 tq 5.20 1300—WIOD, 1210—WTAX, 1233—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1370—WHBU, 5.30 to 5.50 1370—WBBM, 1420—KGFF,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskezon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoc, Wis.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WIBM, 1420—KGFF, 5.40 to 6.00 1210—WOMT, 1500—KNOW,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoc, Wis. Austin, Tex.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1290—WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1290—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WIBC, Munete, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1290—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont.
1310—KFYO, 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.70—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WHBM, 1420—KGFF, 5.40 to 6.00 1210—WOMT,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoc, Wis. Austin, Tex.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30 4.20 to 4.40 4.30 to 4.50	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont. 1380—KQV, Pittsburgh, Pa. 1210—KDLR, Devils Lake, N. D.
1310—KFYO, 4.10 to 4.30 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WIBM, 1420—KGFF, 5.40 to 6.00 1210—WOMT, 1500—KNOW,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskezon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoe, Wis. Austin, Tex.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30 4.20 to 4.40 4.30 to 4.50 4.40 to 5.00	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WUBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont. 1380—KQV, Pittsburgh, Pa. 1210—KDLR, Devils Lake, N. D. 1420—WLAP, Lexington, Ky.
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1310—KFYO, 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4370—KEJM, 5.00 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WIBM, 1420—KGFF, 5.40 to 6.00 1210—WOMT, 1500—KNOW, FIRST FR 3.00 to 3.20 1210—WJW, 1310—KRMD, 3.10 to 3.30 1420—WPAD,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoc, Wis. Austin, Tex. LIDAY Akron, O. Shreveport, La. Paducah, Ky.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30 4.20 to 4.40 4.30 to 4.50 4.40 to 5.00	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1290—WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1290—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1290—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont. 1380—KQV, Pittsburgh, Pa. 1210—KDLR, Devils Lake, N. D. 1420—KLAP, Lexington, Ky. 1380—WSMK, Dayton, O. 1200—KFXJ, Grand Junction, Cole. 940—WAVE, Louisville, Ky.
1310—KFYO, 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1420—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KCMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WIBM, 1420—KGFF, 5.40 to 6.00 1210—WOMT, 1500—KNOW, FIRST FR 3.00 to 3.20 1210—WJW, 1310—KRMD, 3.10 to 3.30 1420—WPAD, 1500—KOTN,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoc, Wis. Austin, Tex. LIDAY Akron, O. Shreveport, La. Paducah, Ky. Pine Bluff, Ark.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30 4.20 to 4.40 4.30 to 4.50 4.40 to 5.00 4.50 to 5.10 5.00 to 5.20	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WUBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont. 1380—WGW, Pittsburgh, Pa. 1210—KDLR, Devils Lake, N. D. 1420—WLAP, Lexington, Ky. 1380—WSMK, Dayton, O. 1200—KFXJ, Grand Junction, Cole. 940—WAYE, Louisville, Ky. 560—KFDM, Beaumont, Tex.
1310—KFYO, 1430—WNBR, 1200—WMPC, 1370—KONO, 4.20 to 4.40 560—WQAM, 1210—WHBF, 4.30 to 4.50 1220—WDAE, 1500—WKBZ, 1370—KFJM, 4.40 to 5.00 1210—WCBS, 4.50 to 5.10 880—WCOC, 1500—WKBV, 5.00 to 5.20 1300—WIOD, 1210—WTAX, 1230—KGBX, 5.10 to 5.30 1260—WTOC, 1370—WHBD, 1420—KGMC, 5.20 to 5.40 1210—WHBU, 5.30 to 5.50 1370—WIBM, 1420—KGFF, 5.40 to 6.00 1210—WOMT, 1500—KNOW, FIRST FR 3.00 to 3.20 1210—WJW, 1310—KRMD, 1500—KOTN, 3.20 to 3.40 1210—WCOL,	Lubbock, Tex. Memphis, Tenn. Lapeer, Mich. San Antonio, Tex. Miami, Fla. Rock Island, Ill. Tampa, Fla. Muskegon, Mich. Grand Forks, N. D. Springfield, Ill. Meridian, Miss. Richmond, Ind. Miami, Fla. Springfield, Ill. Springfield, Mo. Savannah, Ga. Mt. Orab, O. Texarkana, Ark. Anderson, Ind. Jackson, Mich. Shawnee, Okla. Manitowoc, Wis. Austin, Tex. LIDAY Akron, O. Shreveport, La. Paducah, Ky.	2.50 to 3.10 3.00 to 3.20 3.10 to 3.30 3.20 to 3.40 3.30 to 3.50 3.40 to 4.00 3.50 to 4.10 4.00 to 4.20 4.10 to 4.30 4.20 to 4.40 4.30 to 4.50 4.40 to 5.00 4.50 to 5.10	1210—WGBB, Freeport, N. Y. 1430—WOKO, Albany, N. Y. 1200 WJBC, Bloomington, Ill. 1290—KTRH, Houston, Tex. 1370—WGL, Fort Wayne, Ind. 1210—KFPW, Fort Smith, Ark. 810—WNYC, New York City. 1200—WWAE, Hammond, Ind. 1120—WTAW, College Station, Tex. 1130—WOV, New York City. 1310—WLBC, Muncle, Ind. 1210—KASA, Elk City, Okla. 1180—WINS, New York City. 1200—WFAM, South Bend, Ind. 1270—KWLC, Decorah, Ia. 1280—WCAP, Asbury Park, N. J. 610—WJAY, Cleveland, O. 1270—KGCA, Decorah, Ia. 1280—WTNJ, Trenton, N. J. 1430—WBNS, Columbus, O. 1210—KFVS, Cape Girardeau, Mo. 920—WWJ, Detroit, Mich. 780—KGHL, Billings, Mont. 1380—KGY, Pittsburgh, Pa. 1210—KDLR, Devils Lake, N. D. 1420—WLAP, Lexington, Ky. 1380—WSMK, Dayton, O. 1200—KFXJ, Grand Junction, Cole. 940—WAVE, Louisville, Ky. 560—KFDM, Beaumont, Tex.

5.20 to 5.40	1340-WSPD, Toledo, O.
	760-WEW, St. Louis, Mo.
5,30 to 5.50	1210-KWEA, Shreveport, La.
5.40 to 6.00	880-WSUI, Iowa City, Ia.
5.50 to 6.10	1230-KGGM, Albuquerque, N. 1

FIRST SUNDAY

3.00 to 3.20	1290-KLCN,	Blytheville, Ark.
3.30 to 3.50	1440-KXYZ,	Houston, Tex.
3,50 to 4.10	1400-KTUL,	Tulsa, Okla.
4.00 to 4.20	1260-KPAC,	Port Arthur, Tex.
4.10 to 4.30	1340-KGDY,	Huron, S. D.
4.20 to 4.40	1260-KRGV,	Weslasco, Tex.
4.50 to 5.10	890-KARK,	Little Rock, Ark.
5.00 to 5.20	570-KGKO,	Wichita, Falls, Tex.
5.20 to 5.40		Norman, Okla.
5.40 to 6.00	1260-KUOA,	Fayetteville, Ark

CANADIAN FREQUENCY CHECKS

Following is a list of eastern Canadian stations required to transmit special test programs the 19th and 20th of each month for the CRC monitor at Ottawa. Time is A. M., and Eastern Standard:

1.11 to 1.19 CHNS, 930 kcs., Halifax Nova Scotia.

1.21 to 1.29 CFCY, 630 kes., Charlottetown, P. E. I.

1.31 to 1.39 CJLS, 1310 kes., Yarmouth, Nova Scotia.

1.41 to 1.49 CRCS, 950 kcs., Chicoutimi, Quebec.

1.51 to 1.59 CHSJ, 1120 kcs., St. John, N. B. 2.01 to 2.09 CFNB, 550 kcs., Fredericton, N. B.

2.11 to 2.19 CFNB, 550 Kes., Predericton, N. B. 2.11 to 2.19 CHRC, 580 Kes., Quebec City, Que-

2.21 to 2.29 CFCH, 930 kes., North Bay, Ontario.

2.31 to 2.39 CFPL, 730 kcs., London, Ontario. 2.41 to 2.49 CJKL, 1310 kcs., Kirkland Lake,

2.41 to 2.49 CJKL, 1310 kes., Kirkland Lake Ontario.

2.51 to 2.59 CKCL, 580 kcs., Toronto, Ontario. 3.01 to 3.09 CKTB, 1200 kcs., Port Dalhousie, Ontario.

3.11 to 3.19 CHNC, 1210 kcs., New Carlisle, Quebec.

3.21 to 3.29 CKNC,1410 kes., Toronto, Ontario. 3.31 to 3.39 CFCO, 600 kes., Chatham, Ontario.

THE MONTH'S CHANGES

DELETIONS

1210 WKFI Greenville, Miss.

FREQUENCIES

560 WIS, Columbia, S. C., from 1010

920 CMX, Havana, Cuba, from 900

910 XENT, Nuevo Laredo, Tamps, from 1110

1230 KGBX, Springfield, Mo., from 1310

1290 KTRH, Houston, Tex., from 1330

1375 CMCU, Havana, Cuba, from 1220

1410 CKGB, Timmins, Ont., from 1420

1410 CKNC, Toronto, Ont., from 1420

1435 CHGS, Summerside, P. E. I., from 1500

1450 COK, Havana, Cuba, from 1370

POWER

630 CFCY, Charlottetown, P. E. I., from 500 to 1000

920 WPEN, Phila., Pa., from 100 to 250

930 CHNS, Halifax, N. S., from 500 to 1000

990 XEAF, Nogales, Son., from 750 to 500

1320 KSO, Des Moines, Ia., from 250 to 5001450 CFCT, Victoria, B. C., from 50 to 75

LOCATION

1020 KYW, to Philadelphia, Pa.

1430 KWCR to Des Moines, Ia.

1500 WKEU, to Griffin, Ga.

NEW STATIONS AND CALLS

900 WMFI, New Haven, Conn.

1120 CKX, Brandon, Man.

1120 WMFH, Boston, Mass. 1210 WMFG, Hibbing, Minn.

1210 WMFG, Hibbing, Minn. 1210 WPAX, Thomasville, Ga., (from

WQDX)
1260 CFRN, Edmonton, Alta. (from CFTP).

1280 XEG, Ensenada, B. C., Mex.

1310 KIUJ, Santa Fe, N. Mex.

1310 WMFF, Plattsburg, N. Y.

1370 KFRO, Longview, Tex.

1370 WMFD, Wilmington, N. C.

1380 WMFE, New Britain, Conn.

1420 KABR, Aberdeen, S. D.

OWNERSHIP

1210-WPAX, Thomasville, Ga., (was WQDX) to H. Wimpy.

AUSTRALIAN AND NEW ZEALAND STATIONS

CALL	LOCATION	POWER	KCS.	CALL	LOCATION	POWER	KCS.
200	Corowa, Aust.	7500	560	3LO	Melbourne, Aust.	4500	800
2YA	Wellington, N. Z.	5000	570	2BL	Sydney, Aust.	4000	855
7ZL	Hobart, Aust.	3000	580	6PR	Perth, Aust.	500	880
3AR	Melbourne, Aust.	4500	610	4RK	Rockhampton, Aust.	5000	910
4ZP	Invercargill, N. Z.	500	620	3UZ	Melbourne, Aust.	500	930
5CK	Crystal Brook, Aust.	7500	630	2GB	Sydney, Aust.	3000	949
1XA	Auckland, N. Z.	500	650	2UE	Sydney, Aust.	3000	1025
2FC	Sydney, Aust.	4000	665	5PI	Crystal Brook, Aust.	2000	1041
6WF	Perth. Aust.	5000	690	ZUA	Canberra, Aust.	500	1050
3YA	Christchurch, N. Z.	2500	720	2KY	Sydney, Aust.	1000	1070
5CL	Adelaide, Aust.	5000	730	6AM	Northam, Aust.	500	1090
4QG	Brisbane, Aust.	5000	760	2HD	Newcastle, Aust.	500	1110
4VA	Dunedin N Z	2500	790	WALL.	The state of the state of	500	1110

MICRO CHATS

Twenty-one years ago a runaway boy from New York dodged the hook long enough to make fifty cents in an amateur night show at the old Bowdoin Square theatre in Boston. The fifty cents looked big because Phil Baker was hungry and broke. Now, the famous jester is back in Boston to star in Lew Browne's musical revue, "Calling All Stars," which opened recently, and to continue his weekly broadcasts over NBC networks from that city. After that night twenty-one years ago, newsboy Phil went back to New York. Eventually he became secretary to Carl Laemmle at the old IMP film studios where Mary and Lottie Pickford and King Baggot were the reigning stars. He spent leisure hours at a movie house around the corner. One night the pianist was taken ill and Phil stepped in to pinch hit. That was his real start in the show business. Then into vaudeville with a chap named Ben Bernie changing over from piano to ac-cordion. From that time his path led straight and sure through musical comedy, night clubs and movies to his present starring program.

Ralph Kirberry, (The Dream Singer) whose baritone solos are heard during the Treasure Chest broadcasts on the NBC-WEAF network Sundays at 2 P. M., EST, and each Thursday at noon, EST, may soon be singing on the other side of the Atlantic. Several English managers are negotiating with Kirberry for a London music hall engagement. They were attracted by his voice on phonograph recordings and discovering his radio and stage popularity in this country, decided to try to present him to their audiences.

Two elaborate three-hour radio shows, star-studded with operatic, movie, theatrical and literary figures, will be presented over the nationwide WABC-Columbia network as Christmas and New Year gifts to the radio listeners of the country by a leading automobile manufacturer. It is expected that 100 stations will carry these marathon revues to loud speakers in the homes of the nation. Lionel Barrymore, distinguished actor of stage and screen, will make his microphone debut as "Scrooge" in a condensed version of "A Christmas Carol" in the Christmas Day show. The addition of the three-hour period on New Year's day will constitute radio's greatest combination of concentrated time, talent and coverage

ever attempted by a single sponsor. This heralding of 1935, with entertainment galore, will come from New York, Chicago and Hollywood.



Tony Wons, friendly host of "The House by the Side of the Road" program on NBC-WEAF network every Sunday afternoon at 5:30, E.S.T.

Plans of the American Broadcasting System-WMCA network to broadcast a ghost story from what was said to be a haunted house went awry when the occupants of the place in Astoria, Long Island, denied it was overrun with ghosts. There had been reported the presence of a poltergeist and the spirit of a murdered woman and an investigator was sent out by the network to seek permission to make the broadcast. It is a rooming house and the landlady declared someone in the neighborhood was trying to ruin her business by circulating rumors of apparations and strange happenings in her house. The investigator admits, however, that he wouldn't want to spend a night there.

Ben Bernie is one of the few entertainers who ad libs on the air. His monologue specialties, before, during and after song numbers are extemporaneous. Dialogue, with others participating in the NBC broadcasts, is first reduced to writing and then rehearsed, but when the old maestro is alone at the mike he speaks as his fancy dictates.

Intended directly for listeners who are afflicted or confined to their beds, a new program called the "Shut-In Hour" is on the ABS-WMCA network every Monday, Wednesday and Friday from 1:30 to 1:45 P. M., EST.

An entirely new note in radio showmanship was successfully executed re-cently when Enoch Light and his orchestra, heard regularly over the Columbia network, abandoned all accepted audition methods, substituted originality, and won the most coveted winter engagement of the year at the Roney-Plaza, Miami Beach, Fla. He devised a plan after thirty-seven bands had auditioned and been turned down. Light figured the right time for his idea had arrived. First, instead of showing up at the studios in ordinary mufti like other bandsmen, Light appeared in full dress. Secondly, a half hour before the audition was scheduled to start, he roamed through Columbia's offices and studios recruiting young people to dance to his music. In other words, he had an idea that if he could create a ballroom illusion, with people actually dancing to and enjoying his music and with his band appearing just as they would on an important engagement, he would have a good chance of succeeding. He was right.

When Jane Froman, radio and Ziegfield star, now being featured over the NBC-WEAF network each Sunday at 10:30 P. M., EST, comes to check up on her living expenses for the current year, there will be quite an item for long distance telephone calls. And the calls will all have been made to one destination, Columbia, Mo., for before Jane sings a single song on her program, she calls her mother at Columbia and sings the song over the telephone to her. Jane's mother makes suggestions and corrections and then, and only then, is Jane ready to sing that song on the air. Her mother was Anna Barcafer, a famed vocal teacher and coach, and it was she who started Jane singing when the young soprano was only six years old.

Behind those smooth and apparently effortless rhythms of Guy Lombardo's Royal Canadians during their Wednesday night NBC broadcasts is the story of hours of painstaking rehearsal. Every number must bear the stamp of the distinctive Lombardo style before it receives its final approval of Guy. This approval comes only after prolonged

experiment in placing the instruments in relation to the microphone after conferences with the studio engineer and after Guy himself has laid aside the baton and heard the tune in the studio monitoring room exactly as the listener will hear it. Back in the days when the Lombardo organization was being formed, even before Guy and his three brothers left their native Ontario, Canada, he found a tempo that appealed to him and all through the "hot" music years he held to it. Now it is the same style, so peculiarly his own, that distinguishes the Royal Canadians from other orchestras.

Wayne King, the waltz king of America, will reign for another year on NBC as his contract has been renewed. The renewal marks the fourth year on NBC networks under the same sponsor. He went on the air for the sponsor September 27, 1931, with one program and proved such a tremendous success that other broadcasts soon were added.



Gina Vanna, young operatic soprano, is featured soloist of "The House By the Side of the Road" program.

Elaine Melchior, the Ardala of "Buck Rogers in the 25th Century," was married to Leon F. Anspacher, New York business man, November 15, thereby proving that the villaines can win her man, too.

BROADCASTING STATIONS

(BY FREQUENCIES

		(BY FRE	QUEN	ICIES)
HEAR	D VERIFIED			
540	Kilocycles	555.2 Meters		
		Moose Jaw, Sask.	1000	Jas. Richardson & Sons, Ltd.
H		Budapest, No. 1,		The street was a street, when
		Hungary 546	120000	
FFO	V:11	E4E 1 14		
220	Charles and the Control of the Contr	545.1 Meters		
R	CFNB KFUO		500	Jas. S. Neill & Sons. Ltd.
H		St. Louis, Mo. Bismarck, N. D.	1000	Evangelical Lutheran Church, Mayer Broadcasting Co.
	☐ KOAC	Corvallis, Ore.	1000	Oregon State Agr. College.
H	KSD KTSA	St. Louis, Mo. San Antonio, Tex.	1000	Pulitzer Publishing Co. Southwest Broadcasting Co.
	TISO	Fan Jose, Costa Rica	250	P. F. Saborio.
R	WDEV	Waterbury, Vt. Buffalo, N. Y.	500 1000	Harry C. Whitehill. Buffalo Broadcasting Corp.
H	WKRC	Cincinnati, Ohio	1000	WKRC, Inc.
	□ WSVA	Staunton, Va.	500	Marion K. Gilliam.
		Beromunster, Switz. 556	120000	
560	Kilocyclos	535.4 Meters		
200	The second secon			
H	KFDM KLZ	Beaumont, Texas Denver, Colo,	1000	Sabine Broadcasting Co. Reynolds Radio Co., Inc.
Ö	☐ KTAB	San Francisco, Cal.	1000	Associated Broadcasters, Ltd.
	□ KWTO TGW		10000	KGBX, Inc. Radio Nacionale of Guatemala
D	WFI		500	WFI Broadcasting Co.
	☐ WIND	Gary, Ind.	1000	Johnson-Kennedy Broadcasting Corp.
H	WLIT		1000 500	WIS, Inc. Lit Bros. Broadcasting System, Inc.
000000000	☐ WNOX	Knoxville, Tenn.	1000	WNOX, Inc.
B	WQAM	Miami, Fla. Mexicali, Baja Cal.	1000 250	Miami Broadcasting Co., Inc. Luis L. Castro.
Ц	L ARAG	mexican, Baja Cai.	200	Buis B. Castio.
570	Kilocycles	526.0 Meters		
П	□ коко		250	Wichita Falls Broadcasting Co.
d	KMTR	Hollywood, Cal.	1000	KMTR Radio Corp.
000000000	WKBN		1000 500	Puget Sound Broadcasting Co. WKBN Broadcasting Corp.
H	WMCA		500	Federal Broadcasting Corp.
	WNAX	Yankton, S. D.	1000	The House of Gurney, Inc.
H	Wosu Wsyr		750 250	Ohlo State University Central New York Broadcasting Corp.
	□ WSYU	Syracuse, N. Y.	250	Syracuse University
H	WWNC 2YA	Asheville, N. C. Wellington, N. Z.	1000 20000	Citizen Broadcasting Co., Inc. New Zealand Broadcasting Board.
H	-		100000	Rundfunk Stuttgart.
580	Kilocycles	516.9 Meters		
	CHRC			CHRC, Ltd.
H	CKCL CKUA		500	Dominion Battery Co., Ltd. University of Alberta.
Ö	KMJ	Fresno, Cal.	500	James McClatchy Co.
P	KSAC WCHS		500 500	State College of Agriculture. Charleston Broadcasting Corp.
000000	WDBO		250	Orlando Broadcasting Co., Inc.
	WIBW	Topeka, Kans.	1000 500	Topeka Broadcasting Assn., Inc. Worcester Telegram Pub. Co.
	□ WTAG	Worcester, Mass.	300	Wortester Telegram Tab. Co.
590	Kilocycles	508.2 Meters		
П	T KHO	Spokane, Wash.	1000	Louis Wasmer, Inc.
		Buenos Aires, Arg.		Casa America. Edison Electric Illuminating Co.
H	WEEI WKZO	Boston, Mass. Kalamazoo, Mich.	1000	John E. Fetzer.
Ö	□ wow	Omaha, Neb.	1000	Woodmen of the World.
	☐ XEPN	Piedras Negras, Coah.	50000	Piedras Negras Broadcasting Co.
600	Kilocycles	499.7 Meters		
-	CFCF		500	Canadian Marconi Co.
d	CFC0	Chatham, Ont.	100	John Beardall.
R	CJOR KFSD	Vancouver, B. C. San Diego, Cal.	1000	G. C. Chandler. Airfan Radio Corp., Ltd.
H	☐ WCAC	Storrs, Conn.	500	Connecticut State College.
	WCAO WICC	Baltimore, Md. Bridgeport, Conn.	500	Monumental Radio Co. Southern Connecticut Broadcasting Corp.
00000000	WMT	Waterloo, Iowa	1000	Waterloo Broadcasting Co.
	☐ WREC	Memphis, Tenn.	1000	WREC, Inc.

CX4 FQN KFRC KZRM WDAF WIP WJAY XFX 3AR	Havann, Cuba Montevideo, Uruguay St. Pierre, Miquelon Is. San Francisco, Cal. Manila, P. I. Kansas City, Mo. Philadelphia, Pa. Cleveland, Ohio Mexico City, D. F. Melbourne, Australia	250 1000 250 1000 50000 1000 500 500 500 4500	Raoul Karman. St. l'ierre Radio Club. Don Lee, Inc. Kansas City Star Co. Pennsylvania Broadcasting Co. Cleveland Radio Broadcasting Corp. Secretaria de Educacion Publica. National Broadcasting Service.
620 Kilocycles RGW RTAR WHJB WLBZ WSUN WTMJ	Clearwater, Fla. Greensburg, Pa. Bangor, Me. St. Petersburg, Fla.	1000 1000 1000 250 500 1000 1000	Oregonian Publishing Co. KTAR Broadcasting Co. Fiorida West Coast Broadcasting Co. Pennsylvania Radio Supply House Maine Broadcasting Co., Inc. Fiorida West Coast Broadcasting Co. The Journal Co.
630 Kilocycles	475.9 Meters	1000	Island Radio Broadcasting Co.
CFC C GAS C C G C GAS C C G C C C C C C C C C C C C C C C C	Yorkton, Sask, Kelowna, B. C. Havana, Cuba Columbia, Mo. Pierre, S. D. Buenos Aires, Arg. Evansville, Ind. Washington, D. C. Jefferson City, Mo. Providence, R. I.	500 100 250 500 200 4500 500 250 500 250 7500	Dawson, Richardson Publications, Ltd. Okanagan Broadcasters, Ltd. Callajas-Estafani KFRU, Inc. Dana McNeil. "Mayo". Evansville On The Air, Inc. National Broadcasting Co., Inc. State Highway Control. Cherry & Webb Broadcasting Co. National Broadcasting Service.
640 Kilocycles	Ames, Iowa	50000 500 500 250	Earle C. Anthony, Inc. Associated Broadcasting Corp. Iowa State College.
□ □ WSM	461.3 Meters Montevideo, Uruguay Nashville, Tenn. Auckland, N. Z.	5000 50000 500	Ministerio Instruccion Publica. National Life & Accident Insurance Co. N. Z. Broadcasting Board.
660 Kilocycles WAAW WEAR	New York, N. Y.	500 50000 1000 100000	Omaha Grain Exchange. National Broadcasting Co., Inc. Pan American Radio Co. Rundfunk Cologne
	447.5 Meters Buenos Aires, Arg. Chicago, Ill.	6000 50000	Juan G. Gonzales Speroni. National Broadcasting Co., Inc.
	Begota, Colombia St. Joseph, Mo. San Francisco, Cal. San Salvador, E. S. Glace Bay, N. S. St. John's, Nfd.	1000 1000 500 2500 5000 500 2000 500 1000	International Broadcasting Co. Andres Martinez. Ministry of Posts. Scroggin & Co. Bank. National Broadcasting Co., Inc. Republic of El Salvador. Canadian Marconi Co., Ltd. Wesley United Church. Durham Life Insurance Co.
690 Kilocycles	Toronto, Ont. Calgary, Alta. Arlington, Va.	10000 100 1000 500	Rogers Majestic Co., Ltd. Albertan Publishing Co., Ltd. United States Navy. Cadena Radiodifusora Mexicana, S. A.
700 Kilocycles		500000	Crosley Radio Corp.

HEAR	D VERIFIED			
710	T KMPC	422.3 Meters Beverly Hills, Cal. Seattle, Wash. Buenos Aires, Arg. Newark, N. J. Mexico City, D. F.	250	Bamberger Broadcasting Service, Inc.
720	KZEG WGN	416.4 Meters Manila, P. I. Chicago, III. Christchurch, N. Z.	1000 50000 2500	Erlanger & Galinger, Inc. WGN, Inc. N. Z. Broadcasting Board.
730	CFPL CJCA CKAC	410.7 Meters London, Ont. Edmonton, Alta. Montreal, Que. Havana, Cuba Adelaide, Australia		Free Press & Printing Co. Tay or & Pearson, Ltd. La Presse Publishing Co., Ltd. National Broadcasting Co. of Cuba National Broadcasting Service.
740	KMMJ KTRB WHEB	405.2 Meters Clay Center, Neb. Modesto, Cal. Portsmouth, N. H. Atlanta, Ga. Munich, Germany 745	250 250 50000	M. M. Johnson Co. T. R. McTammany & W. H. Bates, Jr. Granite State Broadcasting Corp. Atlanta Journal. Rundfunk Munich.
750	CMCW KGU WJR	399.8 Meters Hayana, Cuba Honolulu, Hawaii Detroit, Mich. Nuevo Laredo, Tams.	150 2500 10000 50	Vilarino y Cervantes Advertiser Publishing Co. WJR, Inc. Edificio Banco Longoria
760	WBAL WEW WJZ XEBO	394.5 Meters Seattle, Wash. Baltimore, Md. St. Louis, Mo. New York, N. Y. Agua Callente, B. C. Brisbane, Australia	1000 50000 5000	American Radio Telephone Co. WBAL Broadcasting Co. St. Louis University National Broadcasting Co., Inc. Agua Caliente Broadcasting Station. National Broadcasting Service.
770	□ KFAB	389.4 Meters Lincoln, Neb. Chicago, III.	5000 25000	KFAB Broadcasting Co. WBBM Broadcasting Corp.
780	CHWK CMBS KELW KFDV KFQD KGHL KTM WEAN	384.4 Meters Chilliwack, B. C. Havana, Cuba Burbark, Cal. Brookings, S. D. Anchorage, Alaska Billines, Mont. Los Angeles, Cal. Providence, R. L. Memphis, Tenn. Norfolk, Va. Mexico, D. F. Leipzig, Germany 785	150 500 1000 250 1000 500 500 1000 500	Evening Herald Publishing Co. South Dakota State College. Anchorage Radio Club, Inc. N. W. Auto Supply Co. Evening Herald Publishing Co. Shepard Broadcasting Service, Inc. WMC, Inc. WTAR Radio Corp. Angel M. Diez.
790	KGO	379.5 Meters Camaguey, Cuba San Francisco, Cal. Buenos Aires, Arg. Schenectady, N. Y.	150 7500 8000 50000	Comp. Cubana Nacl. de Radio. National Broadcasting Co., Inc. "Cultura." National Broadcasting Co., Inc.
800	Kilocycles TIGP WBAP WFAA WTBO 3LO	374.8 Meters San Jose, Costa Rica Fort Worth, Texas Dallas, Texas Cumberland, Md. Melbourne, Australia	75 50000 50000 250 4500	Gonzalo Pinto. Carter Publications, Inc. Morning News and Journal. Associated Broadcast Corp. National Broadcasting Service.
810	Kilocycles WCCO WNYC XFC Kilocycles	370.2 Meters Minneapolis, Minn. New York, N. Y. Aguacalientes, Ags.	50000 1000 350	N. W. Broadcasting, Inc. City of New York.
020	WHAS XEP XETW	365.6 Meters Louisville, Ky. Mexico, D. F. Mexico, D. F.	50000 500 500	Courier Journal. Cia Difusora de Mexico, S. A. Rafael M. Pena.

830	Kilocycles	361.2 Meters			
			500	Radio Corp. of Cuba.	
H	KOA	Havana, Cuba. Denver, Colo.		General Electric Co.	
H	LR5	Buenos Aires, Arg.	27000	A. B. Dougall.	
- I	WEEU	Reading, Pa.	1000	Berks Broadcasting Co.	
	WHDH		1000		
	□ WRUF	Gainesville, Fla.	5000	State University.	
840	Kilocycles	356.9 Meters			
	□ CFQC	Saskatoon, Sask.	1000	Electric Shop, Ltd.	
H	CMQ		5000	Jose Fernandez.	
Ö	CRCT	Toronto, Ont.	5000	Canadian Radio Broadcasting Con	n.
	□ VOGY	St. John's, Nfd.	400	Newfoundland Broadcasting Co.	
850	Kilocycles	352.7 Meters			
	□ KIEV	Glendale, Cal.	250	Cannon System, Ltd.	
H	WWL	New Orleans, La.	10000	Loyola University.	
	☐ WWPA	Clarion, Pa. Mexico, D. F.	250	Clarion Broadcasting Co.	
	□ XEXX	Mexico, D. F.	500	Maria A Para A radio a figuria	
	□ 2BL	Sydney, Australia	5000	National Broadcasting Service,	
		242 5 11 .			
860	Kilocycles	348.6 Meters			
П	CMCX	Havana, Cuba	150	New Station.	
d	☐ WABC	New York, N. Y. New York, N. Y.	50000	Atlantic Broadcasting Corp.	
	□ WB0Q	New York, N. Y.	50000	Atlantic Broadcasting Co.	
	WHB	Kansas City, Mo. Tijuana, B. C.	500 2500	WHB Broadcasting Co. Radio Station XEMO.	
П	□ ХЕМО	Tijuana, B. C.	2000	Radio Station Abaro.	
070	Mile and a	311 6 Mataux			
870	Kilocycles	344.6 Meters			
	☐ WENR	Chicago, Ill.	50000		
	□ WLS	Chicago, Ill.	50000	Agricultural Broadcasting Co.	
880	Kilocycles	340.7 Meters			
	□ CFJC	Kamloops, B. C.	100	Review Publishing Co., Ltd.	
H	CRCO		1000		
- I	☐ KFKA		500	Mid-Western Radio Corp.	
	☐ KLX		1000	Tribune Publishing Co.	
	KPOF	Denver, Colo.	500	Pillar of Fire.	
R	☐ WCOC	Meridian, Miss.	500	Mississippi Broadcasting Co., Inc.	
B	WCOC WGBI	Meridian, Miss. Scranton, Pa.	500 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc.	
	☐ WCOC	Meridian, Miss. Scranton, Pa. Petersburg, Va.	500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times.	
	WCOC WGBI WPHR WQAN WSUI	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa	500 500 500 250 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc.	
00000	WCOC WGBI WPHR WQAN	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa.	500 500 500 250	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times.	
ö	WCOC WGBI WPHR WQAN WSUI YV2RC	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela	500 500 500 250 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times.	
ö	WCOC WGBI WPHR WQAN WSUI	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa	500 500 500 250 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times.	
890	WCOC WGBI WPHR WQAN WSUI YV2RC	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters	500 500 500 250 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby.	
890	WGOC WGBI WPHR WQAN WSUI YV2RO	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters	500 500 500 250 500 100	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co.	
890	WCOC WGBI WPHR WQAN WSUI YV2RC Kilocycles	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa	500 500 500 250 500 100	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co.	
890	WCOC WGBI WPHR WQAN WSUI YV2RC Kilocycles	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D.	500 500 500 250 500 100 100 250 500 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota.	
890	WGOC WGBI WPHR WQAN WSUI YV2RC Kilocycles KARK KFNF KUSD	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind.	500 500 500 250 500 100 100 250 500 500 1000	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University.	
890	WGOC WGBI WYPHR WQAN WSUI YV2RC Kilocycles CJIC KARK KFNF KUSD WBAA WGST WILL	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill.	500 500 500 250 500 100 250 500 500 500 500 500 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois.	
890	WCOC WGBI WPHR WQAN WSUI YV2RC Kilocycles CJIC KARK KFNF KUSD WBAA WGST WILL	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill. Providence, R. L.	100 500 500 500 100 100 100 500 1000 500 5	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co.	
ö	WGOC WGBI WPHR WQAN WSUI YV2RC Kilocycles CJIC KARK KFNF KUSD WBAA WGST WILL WJAR WMMN	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste. Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va.	100 250 500 100 100 100 250 500 1000 500 250 500 250	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc.	
890	WCOC WGBI WPHR WQAN WSUI YV2RC Kilocycles CJIC KARK KFNF KUSD WBAA WGST WILL	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste. Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill. Providence, R. L. Fairmont, W. Va.	100 500 500 500 100 100 100 500 1000 500 5	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co.	
890	WCOC WGBI WPHR WQAN WSUI YV2RC Kilocycles CJIC KARK KAFNF KUSD WBAA WGST WILL WJAR WJAR WJAR WJAR	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F.	100 250 500 100 100 100 250 500 1000 500 250 500 250	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc.	
890	WGOC WGBI WYPHR WQAN WSUI YV2RC Kilocycles CJIC KARK KFNF KUSD WBAA WGST WILL WJAR WJAR WJAR WJAR WJAR KILOCycles	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, III. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters	100 250 500 250 500 100 250 500 100 250 500 250 500 250 500 250 500 250 500 250 500 50	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana.	
890	WCOC WGBI WYPHR WQAN WSUI YV2RC Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WJAR WJAR WJAR WJAR WJAR WJAR	Meridian, Miss. Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste. Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill. Providence, R. L. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash.	100 250 500 250 500 100 250 500 500 250 500 250 5000 250	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc.	
890	WOOC WGBI WGAN WSUI YV2RO Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska	100 250 500 100 100 100 250 500 500 250 500 250 500 500 500 5	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp.	
890	WOOC WGBI WGAN WSUI YV2RO Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal.	100 250 500 100 100 100 250 500 500 250 500 250 500 500 500 5	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc.	
890	WOOC WGBI WYPHR WQAN WSUI YV2RO Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGBA KGBA KGBA KGBA KGBA KGBA KGBA	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y.	500 500 500 250 500 100 100 250 500 100 250 500 250 500 250 500 250 500 250 500 250 500 250 500 250 500 50	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News.	
890	WGOC WGBI WHR WQAN WSUI YV2RC Kilocycles CJIC KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA KGBU KHJ KSEI WBEN WJAX	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill. Providence, R. L. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y. Jacksonville, Fla.	500 500 250 500 250 500 100 250 500 250 500 250 5000 250 5000 250 5000 250 5000 250 5000 250 5000 250 5000 250 500 250 500 50	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News. City of Jacksonville.	
890	WGOC WGBI WGBI WYPHR WQAN WSUI YV2RO Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA KGBU KHJ KSEI WBEN KSEI WBEN WJAX	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lova City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y. Jacksonville, Fla. Oklahoma City, Okla.	500 500 500 250 500 100 100 250 500 1000 500 500 500 500 500	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News. City of Jacksonville. Oklahoma Publishing Co.	Market
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900	WGOC WGBI WGBI WYPHR WQAN WSUI YV2RC Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA KGBU KHJ KSEII WBEN WJAX WKY WLBL WMFI Kilocycles CJAT CMHW CRCM	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Iowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, Ill. Providence, R. L. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y. Jacksonville, Fla. Oklahoma City, Okla. Stevens Point, Wisc. New Haven, Conn. Hamburg, Germany 329.6 Meters Trail, B. C. Cienfuegos, Cuba Montreal, Que. Buenos Aires, Arg.	500 500 500 250 500 100 100 250 500 1000 250 500 1000 250 250 1000 1000 250 1000 1000 250 1000 1000 250 1000	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG, Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News. City of Jacksonville. Oklahoma Publishing Co. Wisconsin Dept. of Agriculture & Patrick H. Goode. Nordischer Rundfunk. Kootenay Broadcasting Co., Ltd. Canadian Radio Com. Alfredo Schroeder.	Markets
900	WOOC WGBI WGBI WYPHR WQAN WSUI YV2RO Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA KGBU KHJ KSEI WBEN WBEN WBEN WJAX WKY WLBL WMFI Kilocycles CJAT CMHW CRCM LR2 TICR	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y. Jacksonville, Fla. Oklahoma City, Okla. Stevens Point, Wisc. New Haven, Conn. Hamburg, Germany 329.6 Meters Trail, B. C. Cientuegos, Cuba Montreal, Que. Buenos Aires, Arg. San Jose, Costa Rica	500 500 500 250 500 100 100 250 500 1000 500 250 5000 1000 250 1000	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News. City of Jacksonville. Oklahoma Publishing Co. Wisconsin Dept. of Agriculture & Patrick H. Goode. Nordischer Rundfunk. Kootenay Broadcasting Co., Ltd. Canadian Radio Com. Alfredo Schroeder. Government of Costa Rica.	Markets
900	WGOC WGBI WGBI WYPHR WQAN WSUI YV2RC Kilocycles KARK KFNF KUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA KGBU KHJ KSEII WBEN WJAX WKY WLBL WMFI Kilocycles CJAT CMHW CRCM	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lowa City, Iowa Caracas, Venezuela 336.9 Meters S. Ste, Marle, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta, Ga. Urbana, Ill. Providence, R. I. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y. Jacksonville, Fla. Oklahoma City, Okla. Stevens Point, Wisc. New Haven, Conn. Hamburg, Germany 329.6 Meters Trail, B. C. Cientuegos, Cuba Montreal, Que. Buenos Aires, Arg. San Jose, Costa Rica	500 500 500 250 500 100 100 250 500 1000 250 500 1000 250 250 1000 1000 250 1000 1000 250 1000 1000 250 1000	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News. City of Jacksonville. Oklahoma Publishing Co. Wisconsin Dept. of Agriculture & Patrick H. Goode. Nordischer Rundfunk. Kootenay Broadcasting Co., Ltd. Canadian Radio Com. Alfredo Schroeder. Government of Costa Rica. Cia Industrial Universal, S. A.	Market
900	WGOC WGBI WGHR WGAN WSUI YV2RC Kilocycles KARK KFNF KNUSD WBAA WGST WILL WJAR WMMN XEW Kilocycles KGA KGBU KHJ KSEI WBEN WJAX WKY WLLBL WMFI KILOCYCLES CJAT CMHW CRCMW CRCMW CRCMW LR2 TICR	Meridian, Miss, Scranton, Pa. Petersburg, Va. Scranton, Pa. Lova City, Iowa Caracas, Venezuela 336.9 Meters S. Ste. Marie, Ont. Little Rock, Ark. Shenandoah, Iowa Vermillion, S. D. West Lafayette, Ind. Atlanta. Ga. Urbana, III. Providence, R. L. Fairmont, W. Va. Mexico City, D. F. 333.1 Meters Spokane, Wash. Ketchikan, Alaska Los Angeles, Cal. Pocatello, Idaho Buffalo, N. Y. Jacksonville, Fla. Oklahoma City, Okla. Stevens Point, Wisc. New Haven, Conn. Hamburg, Germany 329.6 Meters Trail, B. C. Cienfuegos, Cuba Montreal, Que. Buenos Aires, Arg. San Jose, Costa Riea Nuevo Laredo, Tamps.	500 500 500 500 250 500 100 250 500 1000 250 5000 250 5000 250 1000 1000 250 1000	Mississippi Broadcasting Co., Inc. Scranton Broadcasters, Inc. WLBG. Inc. Scranton Times. State University of Iowa. J. G. Hyland & J. C. Whitby. Arkansas Radio & Equipment Co. Henry Field Co. University of South Dakota. Purdue University. Georgia School of Technology. University of Illinois. Outlet Co. A. M. Rowe, Inc. Cadena Radiodifusora Mexicana. N. W. Broadcasting Co., Inc. Alaska Radio & Service Corp. Don Lee Broadcasting System. Radio Service Corp. Buffalo Evening News. City of Jacksonville. Oklahoma Publishing Co. Wisconsin Dept. of Agriculture & Patrick H. Goode. Nordischer Rundfunk. Kootenay Broadcasting Co., Ltd. Canadian Radio Com. Alfredo Schroeder. Government of Costa Rica. Cia Industrial Universal, S. A. National Broadcasting Service.	Markets

920	Kilocycles	325.9 Meters		
	□ CMX	Havana, Cuba	1000	Casa "Lavin."
0	HHK KFEL	Port-au-Prince, Haiti Denver, Colo.	1000 500	Haitian Government. Eugene O'Fallon.
н	Комо		1000	Fishers Blend Station.
Ö	☐ KPRC	Houston, Texas	1000	Houston Printing Co.
	KVOD WAAF	Denver, Colo. Chicago, Ill.	500 500	Colorado Radio Corp. Drovers Journal.
H	WBSO		500	Broadcasting Service Organization,
	WPEN	Philadelphia, Pa.	250	Wm. Penn Broadcasting Co.
H	WRAX WSPA	Philadelphia, Pa. Spartanburg, S. C.	250 1000	WRAX Broadcasting Co. Virgil V. Evans.
H	□ WWJ	Detroit, Mich.	1000	Evening News Association.
	XEAA	Mexicali, B. C. Leon, Guan,	200 500	
	□ XEKL	Leon, Guan.	500	
930	Kilocycles	322.4 Meters		
	CFAC CFCH	Calgary, Alta. North Bay, Ont.	100	Calgary Herald.
H	CFLC	Prescott, Ont.	100	Northern Broadcasting Co., Ltd. Radio Association of Prescott.
	CHNS	Prescott, Ont. Halifax, N. S.	1000	Maritime Broadcasting Co., Ltd.
	CKPC CKPR	Brantford, Ont. Fort William, Ont.	100 50	Telephone City Broadcast, Ltd. Dougall Motor Co., Ltd.
H	CMJF	Camaguey, Cuba	200	John L. Stowers.
	CMW	Havana, Cuba	1400	Troncosa y Gil.
H	KGBZ	York, Neb. Sherandoah, Iowa	1000	KGBZ Broadcasting Corp. Earl E. May Seed Co.
ä	KROW	Oakland, Cal.	500	Educational Broadcasting Corp.
	WBRC	Birmingham, Ala. Roanoke, Va.	1000	Birmingham Broadcasting Co., Inc. Times World Corp.
Ц	□ WDBJ	Roanoke, va.	1000	Times world Corp.
940	Kilocycles	319.0 Meters		
		Manzanillo, Cuba	100	Jesus Armeste, Merchant y Figuerado.
	KOIN VOAS	Portland, Ore. St. John's, Nfd.	1000	KOIN, Inc. Ayre & Sons, Ltd.
H	T WAAT	Jersey City, N. J.	500	Bremer Broadcasting Corp.
	☐ WAVE	Louisville, Ky. Portland, Me.	1000	WAVE. Inc.
H	WCSH WDAY	Fargo, N. D.	1000	Congress Square Hotel Co. WDAY, Inc.
H	WHA	Madison, Wisc.	1000	University of Wisconsin.
	□ XEFO	Mexico City, D. F.	5000	Partido Nael, Revolucionario,
950	Kilocycles	315.6 Meters		
950	Kilocycles CMCD	315.6 Meters	250	
950	CMCD CMHD	Havana, Cuba Calbarien, Cuba	250	Manuel Alvarez.
950	CMCD CMHD CRCS	Havana, Cuba Caibarien, Cuba Chicoutimi, Que.		Canadian Radio Commission.
950	CMCD CMHD CRCS KFWB KMBC	Havana, Cuba Calbarien, Cuba Chicoutimi, Que, Hollywood, Cal, Kansas City, Mo.	250 100 1000 1000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co.
950	CMCD CMHD CRCS KFWB KMBC LR3	Havana, Cuba Calbarlen, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg.	250 100 1000 1000 12000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional."
950	CMCD CMHD CRCS KFWB KMBC	Havana, Cuba Caibarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C.	250 100 1000 1000 12000 5000 500	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc.
950	CMCD CMHD CRCS KFWB KMBC LR3 VONF	Havana, Cuba Calharien, Cuba Chicoutimi, Que. Holly wood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd.	250 100 1000 1000 12000 5000	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd.
00000000	CMCD CMHD CRCS KFWB KMBC LR3 VONF WRC	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany	250 100 1000 1000 12000 5000 500	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc.
00000000	CMCD CMHD CRCS CRCS KFWB KMBC LR3 VONF WRC	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany	250 100 1000 1000 12000 5000 500 60000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G.
00000000	CMCD CMHD CRCS KFWB KMBC LR3 VONF WRC	Havana, Cuba Caibarien, Cuba Chicoutini, Que. Holly wood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba	250 100 1000 1000 12000 5000 60000	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime.
00000000	CMCD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps.	250 100 1000 1000 12000 5000 60000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A.
00000000	CMCD CMHD CMHD CROS RFWB KFWB KMBC LR3 VONF WRC	Havana, Cuba Caibarien, Cuba Chicoutini, Que. Holly wood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba	250 100 1000 1000 12000 5000 60000	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime.
960	CMCD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW YVIRO	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France	250 100 1000 12000 5000 500 60000	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana.
960	CMCD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW YVIRO Kilocycles	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters	250 100 1000 1000 5000 5000 60000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien.
960	CMCD CMHD CROS CROS RFWB RMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW YVIRO Kilocycles	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France	250 100 1000 1000 2000 5000 60000 15000 500 10000 10000	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana.
960	CMCD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW YVIRC Kilocycles CMGF KJR WGFL	Havana, Cuba Calbarien, Cuba Chicoutimi, Que, Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, III.	250 100 1000 1000 5000 5000 60000 15000 10000 10000 10000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor.
960	CMCD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW YVIRO Kilocycles CMGF KJR WGFL WIBG	Havana, Cuba Caibarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, II. Glenside, Pa.	250 100 1000 12000 5000 5000 60000 15000 10000 10000	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre, Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc.
960	CMCD CMHD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CKY CMJL XEAW YVIRO Kilocycles CMGF KJER WOFL WIBG XES	Havana, Cuba Calbarien, Cuba Chleoutimi, Que, Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, III. Glenside, Pa. Tampico, Tams.	250 100 1000 1000 5000 5000 60000 15000 10000 10000 10000	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor.
960	CMCD CMHD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CMJL XEAW YVIRO Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles	Havana, Cuba Calbarien, Cuba Chicouttini, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, III. Glenside, Pa. Tampico, Tams. 305.9 Meters	250 100 1000 1000 2000 5000 60000 15000 10000 5000 10000 10000 1500 100 250	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada.
960	CMCD CMHD CMHD CROS CROS CROS CROS CROS CROS CROS CROS	Havana, Cuba Calbarien, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, Ill. Glenside, Pa. Tampico, Tams. 305.9 Meters Pittsburgh, Pa.	250 1000 1000 10000 5000 5000 60000 15000 10000 10000 10000 10000 1500 10000 1500	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre, Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc.
960	CMCD CMHD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CMJL XEAW YVIRO Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles Kilocycles	Havana, Cuba Calbarien, Cuba Chicouttini, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, III. Glenside, Pa. Tampico, Tams. 305.9 Meters	250 100 1000 1000 2000 5000 60000 15000 10000 5000 10000 10000 1500 100 250	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada.
960 970 980	CMCD CMHD CMHD CROS CROS CROS CROS CROS CROS CROS CROS	Havana, Cuba Caibarien, Cuba Caibarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, Ill. Glenside, Pa. Tampico, Tams. 305.9 Meters Pittsburgh, Pa. Mexicall, B. C. Veracruz, Vera,	250 100 1000 1000 2000 5000 60000 1500 1000 10000 10000 10000 1000 250	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada. Westinghouse Electric & Mfg. Co. Fernando Pazos Sosa.
960	CMCD CMHD CMHD CROS CROS CROS CROS CROS CROS CROS CROS	Havana, Cuba Calbarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, III. Glenside, Pa. Tampico, Tams. 305.9 Meters Pittsburgh, Pa. Mexicall, B. C. Veracruz, Vera.	250 100 1000 1000 2000 5000 60000 15000 10000 5000 10000 10000 250	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada. Westinghouse Electric & Mfg. Co. Fernando Pazos Sosa.
960 970 980	CMCD CMHD CMHD CMHD CROS RFWB RMBC LR3 VONF WRC Kilocycles CMST CMJL XEAW YVIRC Kilocycles CMGF KJR WOFL WIBG XES Kilocycles CMGF KJR WOFL WIBG XES Kilocycles LR4	Havana, Cuba Caibarien, Cuba Caibarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, Ill. Glenside, Pa. Tampico, Tams. 305.9 Meters Pittsburgh, Pa. Mexicali, B. C. Veracruz, Vera. 302.8 Meters Buenos Aires, Arg.	250 100 1000 1000 2000 5000 60000 1500 10000 10000 1500 150	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre, Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada. Westinghouse Electric & Mfg. Co. Fernando Pazos Sosa. "Radio Splendid."
960 970 980	CMCD CMHD CMHD CROS CROS CROS CROS CROS CROS CROS CROS	Havana, Cuba Caibarien, Cuba Caibarien, Cuba Chicoutimi, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Nfd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, Ill. Glenside, Pa. Tampico, Tams. 305.9 Meters Pittsburgh, Pa. Mexicall, B. C. Veracruz, Vera. 302.8 Meters Buenos Aires, Arg. Boston, Mass. Springfield, Mass.	250 100 1000 1000 2000 5000 60000 15000 10000 5000 10000 10000 250	Canadian Radio Commission. Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada. Westinghouse Electric & Mfg. Co. Fernando Splendid." Westinghouse Electric & Mfg. Co. Westinghouse Electric & Mfg. Co. Westinghouse Electric & Mfg. Co.
960 970 980	CMCD CMHD CMHD CROS CROS KFWB KMBC LR3 VONF WRC Kilocycles CMJL XEAW YVIRO Kilocycles KJR WCFL WIBG XES KIlocycles KJRA XEAE XEU Kilocycles	Havana, Cuba Calbarien, Cuba Calbarien, Que. Hollywood, Cal. Kansas City, Mo. Buenos Aires, Arg. St. John's Ntd. Washington, D. C. Breslau, Germany 312.3 Meters Winnipeg, Man. Camaguey, Cuba Reynosa, Tamps. Caracas, Venez. Paris, France 309.1 Meters Matanzas, Cuba Seattle, Wash. Chicago, Ill. Glenside, Pa. Tampico, Tams. 305.9 Meters Pittsburgh, Pa. Mexicall, B. C. Veracruz, Vera. 302.8 Meters Buenos Aires, Arg. Boston, Mass.	250 100 1000 1000 12000 5000 60000 15000 10000 10000 1500 1000 250 250	Canadian Radio Commission, Warner Bros. Midland Broadcasting Co. "Nacional." Dominion Broadcasting Co., Ltd. National Broadcasting Co., Inc. Schlessische Funkstude, A. G. Manitoba Telephone System. Enrique Artime. International Broadcasting Co., S. A. Cia Ama Almacen Americana. Poste Parisien. Bernabe R. de la Torre. Fishers Blend Station, Inc. Chicago Federation of Labor. WIBG, Inc. Fernando Sada. Westinghouse Electric & Mfg. Co. Fernando Splendid." Westinghouse Electric & Mfg. Co.

1000 Kilocycles 299.8 Meters		
CMBZ Havana, Cuba KFVD Los Angeles, Cal.		Manuel y G. Salas
WHO Des Moines, Iowa		E. L. Cord. Central Broadcasting Co.
1010 Kilocycles 296.9 Meters		
CHML Hamilton, Ont.	50 500	Maple Leaf Radio Co., Ltd. R. H. Williams & Sons, Ltd.
	100 500	Vancouver Daily Province. Leader-Post, Ltd.
CKCO Ottawa, Ont.	100	Dr. G. M. Geldert.
CKIC Wolfville, N. S. CKWX Vancouver, B. C.	100	Acadia University. Western Broadcasting Co., Ltd.
CMJO Ciego de Avila, Cuba KGGF Coffeyville, Kans.	1000	
KQW San Jose, Cal.	1000	Pacific Agricultural Foundation.
WHN New York, N. Y. WNAD Norman, Okla.		Marcus Loew Booking Agency. University of Oklahoma.
1020 Kilocycles 293.9 Meters		
☐ ☐ KYW Philadelphia, Pa. XEJ Juarez, Chih.	10000 250	Westinghouse Electric & Mfg. Co. Juan G. Buttner.
and a state of the	44	
1030 Kilocycles 291.1 Meters		
CECN Coleany Alta		W. W. Grant & H. G. Love.
CKLW Windsor, Ont. CMBC Havana, Cuba	5000 150	Western Ont. Broadcasting Co., Ltd. Domingo Fernandez.
CKLW Windsor, Ont. CMBC Havana, Cuba CMHI Santa Clara, Cuba CMKC Santiago, Cuba LR9 Buenos Aires, Arg. XEB Mexico City, D. F. Heilsburg, Germany	150 150	
LR9 Buenos Aires, Arg.	5000	Gregorio Echaverria,
XEB Mexico City, D. F. Heilsburg, Germany	10000 60000	
1040 Kilocycles 288.3 Meters		
CMGH Matanzas, Cuba KRLD Dallas, Tex.		Octavui y Julio Alvarez. KRLD Radio Corp.
KWJJ Portland, Ore. WKAR East Lansing, Mich.	1000	KWJJ Broadcast Co. Michigan State College.
WIIC Hartford, Conn.	50000	Travelers Broadcasting Service.
Rennes, France	120000	PTT.
1050 Kilocycles 285.5 Meters		
CMJG Camaguey, Cuba		Jose Antonio Lefran.
CRCK Quebec, P. of Q. CX26 Montevideo, Uruguay	1000 2000	Canadian Radio Commission. Figuera, Canepa y Cla.
KFBI Abilene, Kans. KNX Hollywood, Cal.	5000	Farmers & Bankers Life Insurance Co. Western Broadcast Co., Inc.
1060 Kilocycles 282.8 Meters		
CMCB Havana, Cuba KTHS Hot Springs, Ark.	10000	
WBAL Baltimore, Md.	10000	WBAL Broadcasting Co.
WJAG Norfolk, Neb. XEA Guadalajara, Jal.	125	Norfolk Daily News, Alberto Palos Souza,
The same of the same		
1070 Kilocycles 280.2 Meters		
KJBS San Francisco, Cal. WCAZ Carthage, III. WDZ Tuscola, III.	100 100	Julius Brunton & Sons Co. Superior Broadcasting Service.
WDZ Tuscola, Ill. WTAM Cleveland, Ohio	50000	Superior Broadcasting Service. James L. Bush. National Broadcasting Co.
	Willes	
1080 Kilocycles 277.6 Meters		
□ WBT Charlotte, N. C.	50000	Station WBT, Inc.
WCBD Wankegan, III. WMBI Chicago, III.	5000	Wilbur Glenn Voliva, Moody Bible Institute.
☐ XEMA Tampico, Tams.	50	Manuel M. Pier
1090 Kilocycles 275.1 Meters		
CMGI Colon, Cuba	30	Armando Linanza.
CX28 Montevideo, Uruguay KMOX St. Louis, Mo.	2000 50000	Miquel Biere. The Voice of St. Louis, Inc.
WESG Elmira, N. Y.		Elmira Star Gazette, Inc.

1100 Kilocycles 272.6 Meters	
CMCY Havana, Cuba	500 M. D. Autran.
CMHA Sagua la Grande, Cuba	50 Abelardo Menocal.
CRCV Vancouver, B. C. KGDM Stockton, Cal.	1000 Canadian Radio Com. 250 E. F. Peffer.
KWKH Shreveport, La.	10000 International Broadcasting Corp.
TIRCA San Jose, Costa Rica WLWL New York, N. Y.	500 Perry Girton. 5000 Society of St. Paul.
WLWL New York, N. Y. WPG Atlantic City, N. J.	5000 Society of St. Paul. 5000 Columbia Broadcasting System.
XEFG Mexico City, D. F.	250 Ricardo Gonzales Montero.
1110 Kilocycles 270.1 Meters	
KSOO Sioux Falls, S. D. IS5 Buenos Aires, Arg.	1000 Sioux Falls Broadcasting Association, 5000 Rafael Diaz.
WRVA Richmond, Va.	5000 Larus & Bro. Co., Inc.
1120 Kilocycles 267.7 Meters	
CHLP Montreal, Que.	100 La Patrie Publishing Co., Ltd.
CHSJ St. John, N. B.	100 N. B. Broadcasting Corp., Ltd. 500 Wentworth Radio Broadcasting Co.
CKX Brandon, Man.	100
CKOC Hamilton, Ont, CKX Brandon, Man. CMCG Havana, Cuba CMHJ Clenfuegos, Cuba KFIO Spokane, Wash. KFSG Los Angeles, Cal. KRKD Los Angeles, Cal. KRSC Seattle, Wash. WDEL Wilmington, Del. WISN Milwaukee, Wisc.	150 E. Pareda. 60 Victorino Lopez Hontanon,
KFIO Spokane, Wash.	100 Spokane Broadcasting Co
KFSG Los Angeles, Cal.	500 Echo Park Evang, Assn.
KRKD Los Angeles, Cal.	500 Radio Broadcasters, Inc. 100 Radio Sales Corp. 250 WDEL, Inc.
WDEL Wilmington, Del.	
WISN Milwaukee, Wisc.	, 250 American Radio News Corp. 500 Jeseph M. Kirby. 500 Agric. & Mech. College.
WTAW College Station, Texas	500 Jeseph M. Kirby. 500 Agric. & Mech. College.
1130 Kilocycles 265.3 Meters	
KSL Salt Lake City, Utah	50000 Radio Service Corp. of Utah.
WJJD Chicago, Ill. WOV New York, N. Y.	20000 WJJD, Inc. 1000 International Broadcasting Corp.
SBH Horby, Sweden	10000 Royal Board of Telegraphs,
1140 Kilocycles 263.0 Meters	
	25000 Southwestern Sales Corp.
WAPI Birmingham, Ala.	5000 WAPI Broadcasting Corp.
☐ ☐ IITO Turin, Italy	7000 E. I. A. R.
1150 Kilocycles 260.7 Meters	
CMBG Havana, Cuba	225 John L. Stowers.
CMJH Ciego de Avila, Cuba	50 Luis Marauri Mendosa.
WHAM Rochester, N. Y.	5000 C. R. Sherrer y Cia. 50000 Stromberg-Carlson Tel. Mfg. Co.
XEH Monterrey, N. L. XEWZ Mexico, D. F.	250 Tarnava y Cia.
AEWZ Mexico, D. F.	100 Medellin e Insurgentes.
1160 Kilocycles 258.5 Meters	
WOWO Fort Wayne, Ind.	10000 Main Auto Supply Co.
WÓWO Fort Wayne, Ind.	5000 W. Va. Broadcasting Corp.
XED Guadalajara, Jal.	500 Radiofonographica de Guadalajaro, S. A.
1170 101 1 2562 14-1-	
1170 Kilocycles 256.3 Meters	50 Manuel Fernandez.
CMJE Camaguey, Cuba	500 New Station.
WCAU Philadelphia, Pa.	50000 WCAU Broadcasting Co.
1180 Kilocycles 254.1 Meters	
KEX Portland, Ore.	5000 Western Broadcasting Co.
KOB Albuquerque, N. M. WDGY Minneapolis, Minn.	1000 Albuquerque Journal, 1000 Dr. Geo. W. Young.
WINS New York, N. Y.	1000 Am. Radio News Corp.
WMAZ Macon, Ga. XEFA Mexico, D. F.	1000 Southeastern Broadcasting Co. 500 Eduardo Limon Segui.
	all county there are
1190 Kilocycles 252.0 Meters	
1190 Kilocycles 252.0 Meters LS2 Buenos Aires, Arg.	50000 Radio Prieto.
VE9EK Montmagny, Que.	10 J. A. Marquis,
WATR Waterbury, Conn. WOAI San Antonio, Texas	100 The WATR Co., Inc. 50000 Southern Industries, Inc.
WSAZ Huntington, W. Va.	1000 WSAZ, Inc.
Frankfurt-am-Main, Ger.	. 11000

1200 Kilocycles 249.9 Meters

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			Moose Jaw, Sask.		100	
		CKTB	St. Catharines, Ont.		100	E. T. Sandell.
Ħ		CMCJ	Hay: na, Cuba		500	Rafael Rodriquez
H	H	KADA	Ada, Okla.		100	C. C. Morris,
H	H		Jonesboro, Ark.			J. P. Beard.
\vdash	-					
			Marshalltown, Iowa			Marshall Electric Co.
			Nampa, Idaho			Frank E. Hurt.
			Grand Junction, Colo.		100	Western Slope Broadcasting Co.
n		KGDE	Fergus Falls, Minn.		100	C. L. Jaren.
H		KGEK	Sterling, Colo.		100	Elmer G. Beehler.
H	H		Los Angeles, Cal.			Ben S. McGlashan.
H	H		Little Rock, Ark.			Lloyd Judd Co.
H	H					
			Missoula, Mont.		100	Mosby's Inc.
			Monroe, La.			Liner's Broadcasting Station, Inc.
			Marshfield, Ore.		100	H. H. Hanseth
П		KSUN	Lowell, Ariz.		100	Copper Electric Co., Inc
Ħ	T T	KVOS	Bellingham, Wash.		100	KVOS, Inc
H	H		Stockton, Cal.		100	
H	H		Bangor, Me.		100	1st Universalist Society.
	H					
Ш			Ponca City, Okla.		100	Estate of C. L. Carrell, deceased.
			Huntsville, Ala.		100	Radio Station WBHS, Inc.
			New Orleans, La.		100	Samuel D. Reeks.
n		WCAT	Rapid City, S. D.		100	State School of Mines.
H	H	WCAX	Burlington, Vt.		100	Burlington Daily News, Inc.
H	H		Janesville, Wisc.		100	
H	H		South Bend, Ind.			South Bend Tribune.
H			Cincinnati, Ohio			
						WFBE, Inc.
			Canton, Ohio	1		Edw. P. Graham.
				F-1		WHBY, Inc.
			Utica, N. Y.		100	WIBX, Inc.
Ħ		WIL	St. Louis, Mo.		100	Missouri Broadcasting Corp.
Ħ	Ħ	WJBC	Bloomington, Ill.		100	
H	H		Decatur, Ill.		100	Commodore Broadcasting, Inc.
H	H		New Orleans, La.			C. C. Carlson,
			Harrisburg, Pa.			
Н						Keystone Broadcasting Corp.
			Lancaster, Pa.		100	Lancaster Broadcasting Service.
				3		Lynchburg Broadcasting Corp.
			Lapeer, Mich.		100	1st Methodist Protestant Church.
П		WNBO	Washington, Pa.		100	J. B. Spriggs.
Ħ	H	WRBL	Columbus, Ga.		100	WRBL Radio Station, Inc.
H			Hammond, Ind.		100	
H			Caracas, Venez.			Degwitz & Siblesz
H	H		Stratford, Ont.			M. I. Higgins,
	H					
			Wingham, Ont.		25	W. T. Cruickshank.
		10BQ	Brantford, Ont.		15	
		10BU	Canora, Sask.		50	Canora Radio Assoc.

1210 Kilocycles 247.8 Meters

T	7 .	П	CHNC	New Carlisle, Que.	100	Gaspesian Broadcasting Co.
ì	ī	П	CKBI	Prince Albert, Sask.	100	
ì	=	H	CKCH	Hull, Que.	100	Radio Broadcasting of Hull, Ltd.
ì	7	H	CKMC	Cobalt, Ont.	50	R. L. MacAdam.
ř	=	H	CMJI	Ciego de Avila	150	Gilberto Gessa Lopez.
ř	=	H	KASA	Elk City, Okla.	100	
h	-	H	KDLR		100	KDLR, Inc.
1	=	H	KEJI	Klamath Falls, Ore.	100	
1	=	H	KFOR	Lincoln, Neb.	100	Howard Shuman.
r	=	H	KFPW	Fort Smith, Ark.	100	
r		H	KFVS	Cape Girardeau, Mo.	100	Oscar C. Hirsch.
È	=	H	KFXM	San Bernardino, Cal.	100	Lee Bros. Broadcasting Co.
1	=	H	KGY	Olympia, Wash.	100	KGY, Inc.
1	=	H	KIEM	Eureka, Cal.		H. H. Hanseth.
7	=	H	KPPC	Pasadena, Cal.		Pasadena Presbyt. Church.
F		H	KWEA	Shrevenort, La.	100	International Broadcasting Corp.
è	=	H	KWFV	Hilo, T. H.	100	Hilo Broadcasting Co., Ltd.
F		H	KWTN	Watertown, S. D.	100	Greater Kampeska Radio Corp.
7		H	WALR	Zanesville, Ohio	100	WALR Broadcasting Corp.
1	=	H	WBAX	Wilkes-Barre, Pa.	100	John H. Stenger, Jr.
r	7	H	WBBL	Richmond, Va.		Grace Covenant Presby, Church.
ř	1	H	WBRB	Red Bank, N. J.		Monmouth Broadcasting Co., Inc.
7	=	Ħ	WCBS	Springfield, Ill.		WCBS, Inc.
ř	=	H	WCOL	Columbus, Ohio	100	WCOL, Inc.
ř	=	H	WCRW	Chicago, Ill.	100	Clinton R. White.
ř		H	WEBQ	Harrisburg, Ill.	100	Harrisburg Broadcasting Co.
ř	=	H	WEDC	Chicago, Ill.	100	Emil Denmark.
ř		Ħ	WFAS	White Plains, N. Y.	100	Westchester Broadcasting Corp.
Ì	=	H	WGBB	Freeport, N. Y.	100	H. H. Carman.
Ť	=	H	WGCM	Gulfport, Miss.		Great Southern Land Co.
È	=	H	WGNY	Chester, N. Y.		Peter Goelet.
r	=	Ħ	WHBF	Rock Island, Ill.	100	Rock Island Broadcasting Co.
Ì	7	H	WHBU	Anderson, Ind.	100	Anderson Broadcasting Corp.
1	=	H	WIBU	Poynette, Wisc.	100	
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1280 Kil	KWLC Decorah, Iowa LS9 Buenos Aires, Arg. WASH Baltimore, Md. WJDX Jackson, Miss. WOOD Grand Rapids, Mich. XFB Jalapa, Ver. Coycles 234.2 Meters CMCO Havana, Cuba	100 5000 500 500 1000 500 1000	Luther College. Tagliaferro, Raffo y Cia. Kunsky-Trendle Broadcasting Corp. Baltimore Radio Show, Inc. Lamar Life Ins. Co. Kunsky-Trendle Broadcasting Corp. Gobierno Estado de Veracruz. Assn. Detes Del Comercio.
	KFBB Great Falls, Mont. LU7 Bahia Blanca, Arg. WCAM Camden, N. J. WDOD Chattanooga, Tenn. WIBA Madison, Wisc. WORC Worcester, Mass. WRR Dallas, Texas WTNJ Trenton, N. J. XEG Ensenada, B. C.	1000 5000 5000 500 1000 500 500 500 500	Buttrey Broadcasting Co. City of Camden. Radio Industries Broadcasting Co. WDOD Broadcasting Corp. Badger Broadcasting Co Inc. A. F. Kleindienst. City of Dallas. WOAX, Inc.
1290 Kil	ocycles 232.4 Meters		
	KDYL Salt Lake City, Utah KLCN Blytheville, Ark. KTRH Houston, Texas WEBC Superior, Wisc. WJAS Pittsburgh, Pa. WNBZ Saranac Lake, N. Y. WNEL San Juan, P. R.	1000 100 500 1000 1000 50 50	Intermountain Broadcasting Corp. C. L. Lintzenich. KTRH Broadcasting Co. Head of Lakes Broadcasting Co. Pitts. Radio Supply House. Smith & Mace. Juan Piza.
1200 K	lacuales 220 6 Meters		
1300 Kil	CMKJ Guantanamo, Cuba KALE Portland, Ore. KFAC Los Angeles, Cal. KFH Wichita, Kans. KFJR Portland, Ore. VOAC St. John's, Nfd. WBBB Brooklyn, N. Y. WEYD New York, N. Y. WFAB New York, N. Y. WFBC Greenville, S. C. WHAZ Troy, N. Y.	20 500 1000 1000 500 40 1000 1000 1000 10	Luis Morlote. KALE, Inc. Los Angeles Broadcasting Co., Inc. Radio Station KFH Co. Ashley C. Dixon. Peoples Pulpit Assn. Jewish Daily Forward. 5th Ave. Broadcasting Corp. Greenville News-Piedmont Co. Rensselaer Poly. Inst.
	WIOD Miami, Fla.	1000	Isle of Dreams Broadcasting Corp.
1210 K	229 0 14-1		
	CHCK CJKL CJLS CKCV CJKL CJKL CJKL CJKS CKCV CJKCRJ KFBK KFBK KFBK KFBL CJES CKCV CKCRJ KCRJ KFBK KFPL CJES CKCV CKCRJ CKCRJ CKCV CKCRJ CKCRJ CKCV CKCRJ CKCRJ CKCV CKCRJ CKCV CKCRJ CKCV CKCRJ CKCRJ CKCV CKCRJ CKCV CKCRJ CKCR CKCR	50 100 100 50 100 100 100 100 100 100 10	W. E. Burke & J. A. Gesner, Northern Broadcasting Co., Ltd. Laurie L. Smith Vandry, Inc. Chas. C. Robinson. Jas. McCatchy Pub. Co. C. C. Baxter. New Furniture Co. Exchange Ave. Baptist Church. Kirksey Bros. E. E. Krebsbach. Donald C. Treloar. Cent. Neb. Broadcasting Corp. Valley Broadcasters, Inc. J. H. Speck. Mrs. W. J. Virgin. Radio Station KRMD, Inc. Tri-State Broadcasting Co., Inc. KXRO, Inc. Southland Radio Corp. Lake Superior Broadcasting Co., Inc. Banks of Wabash, Inc. Louis G. Baltimore. WCLS. Inc. Tri-State Broadcasting Co., Inc. Howell Broadcasting Co., Inc. Howell Broadcasting Co. Gable Broadcasting Co. Flint Broadcasting Co. Hampton Rds. Broadcasting Corp. Curtis-Martin Newspapers, Inc. WJAC, Inc. D. A. Burton. Northern Broadcasting Co., Inc. WMBO, Inc. Plattsburg Broadcasting Corp.

HEARD VERIFIED	
WNBH New Bedford, Mass. WOL Washington, D. C. WRAW Reading, Pa. WROL Knoxville, Tenn. WSAJ Grove-City, Pa. WSGN Birmingham, Ala. WSJS Winston-Salem, N. C. WTEL Philadelphia, Pa. WTJS Jackson, Tenn. WTRC Elkhart, Ind. XECW Mexico City, D. F. XEFC Merida, Yuc. XEFW Tampleo, Tamps. XETB Torreon, Coah. XEX Monterrey, N. L. XFA Aguascalientes, Ags.	100 E. Anthony & Sons, Inc. 100 American Broadcasting Co. 100 Reading Broadcasting Co. 100 Stuart Broadcasting Corp. 100 Grove City College. 100 R. B. Broyles. 100 Winston Salam Journal. 100 Foulkrod Radio Eng. Co., Inc. 100 Sun Publishing Co. 50 Truth Radio Corp. 10 Maria E ena Bravo de Cardero. 100 J. Molina. 101 J. Expedito Martinez. 125 Jose A Berumen. 125 L. F. Petit Jean.
1320 Kilocycles 227.1 Meters	
CMBD Havana, Cuba COX Havana, Cuba COX Havana, Cuba KGHF Pueblo, Colo. KGMB Honolulu, T. H. KID Idaho Falls, Idaho KSO Des Moines, Iowa	150 Luis Perez Garcia 200 New Station, 500 C. P. Ritchie. 250 Honolu'u Broadcasting Co. 250 KID Broadcasting Co., Inc. 500 Des Moines Register. 1000 Allen T. Simmons. 1000 York Broadcasting Co. 500 WSMB, Inc.
1330 Kilosvelos 225 4 Motors	
1330 Kilocycles 225.4 Meters KGB San Diego, Cal. KMO Tacoma, Wash. KSCJ Sioux City, Iowa WDRC Hartford, Conn. WSAI Cincinnati, Ohio WTAQ Eau Claire, Wisc.	1000 Don Lee Inc. 250 KMO, Inc. 1000 Perkins Bros. Co. 1000 WDRC, Inc. 1000 Crosley Radio Corp. 1000 Gillette Rubber Co.
1340 Kilocycles 223.7 Meters	
KFPY Spokane, Wash. KGDY Huron, S. D. KGNO Dodge City, Kans. WCOA Pensacola, Fla. WFEA Manchester, N. H. WSPD Toledo, Ohio XFD Orizaba, Ver. Montpellier, France	1000 Symons Broadcasting Corp. 250 Voice of So. Dakota, Inc. 250 KGNO Broadcasting Station. 500 Pensacola Broadcasting Co. 500 New Hampshire Braodcasting Co. 1000 Toledo Broadcasting Co. 250 Gobierno Estado de Veracruz.
1350 Kilocycles 222.1 Meters	
KIDO Boise, Idaho KWK St. Louis, Mo. WAWZ Zarephath, N. J. WBNX New York, N. Y.	1000 C. G. Phillips & F. L. Hill. 1000 Thomas Patrick, Inc. 250 Pillar of Fire. 250 Standard Cahill Co.
1360 Kilocycles 220.4 Meters	
CMJP Moron, Cuba CMKF Holquin, Cuba KGER Long Beach, Cal. KGIR Butte, Mont. WCSC Charleston, S. C. WFBL Syracuse, N. Y. WGES Chicago, Ill. WQBC Vicksburg, Miss. WSBT South Bend, Ind.	75 Cesar Canail. 30 Libertad Esq. Arias 1000 Consolidated Broadcasting Co. 1000 KGIR, Inc. 500 So. Car. Broadcasting Co., Inc. 1000 Onondaga Radio Broadcasting Corp. 500 Oak Leaves Broadcasting Station, Inc. 500 Delta Broadcasting Co. 500 S. B. Tribune.
1370 Kilocycles 218.8 Meters	
CKCW Moncton, N. B. CMCU Havana, Cuba CMGE Cardenas, Cuba KCRC Enid, Okla. KERN Bakersfield, Cal. KFGQ Boone, Iowa KFJM Grand Forks, N. D. KFJZ Fort Worth, Texas KFRO Longview, Texas KGAR Tueson, Ariz. KGFG Oklahoma City, Okla.	100 Moncton Broadcasting Co., Ltd. 150 Jorge Garcia Serra. 30 Genaro Sebater. 100 Enid Radiophone Co. 100 Bee Bakersfield Broadcasting Co. 100 Boone Biblical College. 100 Univ. of No. Dakota. 100 Ft. Worth Broadcasters, Inc. 100 Voice of Longview. 100 Tucson Motor Service Co. 100 Oklahoma Broadcasting Co.

HEAL	RD VE	RIFIED			
		KGFL	Roswell, N. M.	100	
		KGKL	San Angelo, Texas	100	KGKL, Inc. Southwest Broadcasting Co.
H	H	KICA	Clovis, N. M. Galveston, Texas	100	George R. Clough.
H	H	KMAC	San Antonio, Texas	100	W. W. McAllister.
		KONO	San Antonio, Texas	100	Mission Broadcasting Co.
		KRE	Berkeley, Cal. Everett, Wash.	100	1st Congregational Church. Lee E. Mudgett.
H	H	KSLM	Salem, Ore.	100	Oregon Radio, Inc.
d	- I	KUJ	Salem, Ore. Walla Walla, Wash.	100	KUJ, Inc.
		KVL	Seattle, Wash. Kansas City, Mo.	100	KVL, Inc. Wilson Duncan Broadcasting Co.
H	H	KWKC	Sheridan, Wyo.	100	Big Horn Broadcasting Co.
H	H	WABY	Albany, N. Y.	100	WOKO, Inc. Dothan Broadcasting Corp.
	Ö	WAGF	Dothan, Ala.	1 10	Dothan Broadcasting Corp.
		WBTM	Danville, Va. Baltimore, Md.	100	Piedmont Broadcasting Corp. Baltimore Broadcasting Corp.
H	H	WCBM	Phliadelphia, Pa.	100	WDAS Broadcasting Co., Inc.
- F	ö	WGL	Fort Wayne, Ind.	100	F. C. Zieg.
		WHBD	Mt. Orab, Ohio Memphis, Tenn. Calumet, Mich. Jackson, Mich.	100	Veebee Corp. Broadcasting Station WHBQ, Inc.
H	H	WHBQ	Calumet, Mich.	100	Upper Mich. Broadcasting Co.
	H	WIBM	Jackson, Mich.	100	WIBM, Inc.
		WJTL	Atlanta, Ga.	100	Oglethorpe University.
5		WLLH	Lowell, Mass.	100	Albert S. Moffat. F. J. Reynolds.
H		WMBR	Jacksonville, Fla. Wilmington, N. C.	100	Richard A. Dunlea.
ñ		WOC	Davenport, Ia.	100	Palmer School of Chiropractic.
		WPFB	Hattiesburg, Miss.	100	Otis Perry Eure.
		WRAK	St. Albans, Vt. Williamsport, Pa.	100	A. J. St. Antoine & E. J. Regan. WRAK, Inc.
H	H	WRDO	Augusta, Me.	100	WRDO, Inc.
		WRJN	Racine, Wisc.	100	Racine Broadcasting Corp.
		WSVS	Buffalo, N. Y. Nuevo Laredo, Tamps.	50 100	Seneca Voca. High School. R. T. Carranza.
		XEFE	Mexico City, D. F.	100	Manuel Zetina.
H	H	XEI	Morelia, Mch.	125	Carlos Gutierrez.
		XEZZ	San Luis Potosi, Slp.	100	Emilio Delgado.
138	0 Ki	locycles	217.3 Meters		
130				150	Palistana Isaas
		KOH	Camaguey, Cuba Reno, Nev.	500	Feliciano Isaac. The Bee, Inc.
H	H	KQV			KQV Broadcasting Co.
	ŏ	WALA	Mobile, Ala. La Crosse, Wisc.	500	Pape Broadcasting Corp.
		WKBH	La Crosse, Wisc. New Britain, Conn.	1000 250	WKBH, Inc. William J. Sanders.
		WMFE	Dayton, Ohio	200	
L					
120	0 V:	lanualos	215.7 Meters		
139	OKI	locycles			10 Kilosyches 208.2 Matte
			Winnipeg, Man.	100	Jas. Richardson & Sons, Ltd.
		KLRA	S. Pedro de Macoris, D.R. Little Rock, Ark.	1000	Domingo Dominguez. Arkansas Broadcasting Co.
	H	KOY	Phoenix, Ariz.	500	Nielson Radio, Sptg. Gds. Co.
	ö	WHK	Cleveland, Ohio	1000	Radio Air Service Corp.
140	O K	locycles	214.2 Meters		
170	O IKI		Havana, Cuba	150	Antonio Ginard.
	H	KLO	Ogden, Utah	500	Interstate Broadcasting Co.
H	H	KTUL	Tulsa, Okla.	250	Tulsa Broadcasting Co., Inc.
		TGX	Guatemala City, Gua.	150	II S Broadcoating Corn
		WARD	Brooklyn, N. Y. Brooklyn, N. Y.	500	U. S. Broadcasting Corp. Brooklyn Broadcasting Corp.
	H	WKBF	Indianapolis, Ind.	500	Indianapolis Broadcasting, Inc.
H	H	WLTH	Brooklyn, N. Y.	500	Voice of Brooklyn, N. Y.
		WVFW	Brooklyn, N. Y.	500	Paramount Broadcasting Corp.
141	0 Ki	locycles	212.6 Meters		
		CKGB	Timmins, Ont.	100	Northern Broadcasting Co., Ltd.
		CKFC	Vancouver, B. C.	100	United Church of Canada,
	H	CKNC	Toronto, Ont. Vancouver, B. C.	100	Canadian National Carbon, Ltd. Sprott-Shaw Radio Co.
H	H	KGRS	Amarillo, Texas	1000	E. B. Gish.
H	d	WAAB	Boston, Mass.	500	Bay State Broadcasting Corp.
		WBCM	Bay City, Mich. Amarillo, Texas	1000	James E. Davidson. Natl. Radio & Broadcasting Corp.
H	H	WDAG	Sheboygan, Wisc.	500	Press Publishing Co.
	d	WHIS	Bluefield, W. Va.	250	Daily Telegraph Printing Co.
		WRBX	Roanoke, Va. Rockford, Ill.	250 500	Richmond Development Corp. Rockford Broadcasters, Ltd.
	H	WROK	Montgomery, Ala.	500	Montgomery Broadcasting Co., Inc.
Total Control	-	A STATE OF THE STA	The state of the s		The second secon

1420) Ki	locycles	211.1 Meters		
	П	170	Havana, Cuba	150	Alberto Alvarez.
H	ŏ	KABC	San Antonio, Texas	100	Alamo Broadcasting Co., Inc.
		KABR	Aberdeen, Wash. Portland, Ore.	100	Aberdeen Broadcasting Co.
H	H	KEME	Texarkana, Ark.	100	Benson Polytech, School. M. P. Mims.
H	H	KFIZ	Fond du Lac, Wise.	100	Reporter Printing Co.
H	H	KGFF	Shawnee, Okla.	100	KGFF Broadcasting Co., Inc.
		KGGC	San Francisco, Cal.	100	Golden Gate Broadcasting Co.
		KGIW	Alamosa, Colo.	100	Leonard E. Wilson,
	H	KIDW	Las Vegas, Nev. Lamar, Colo.	100	J. M. Heaton. Lamar Broadcasting Co.
H	H		Eugene, Ore.	100	C. G. Phillips & F. L. Hill.
Ö	d	KUMA	Yuma, Ariz.	100	Dr. A. H. Schermann.
		KXL	Portland, Ore.	100	KXL Broadcasters.
H	H	WACO	Daytena Brach, Fla. Waro, Texas	100	W. W. Esch.
H	H	WAGM	Presque Isle, Me.	100	Southwest Broadcasting Co. Aroostook Broadcasting Corp.
		WAZL	Hezelton, Pa.	100	Hazelton Broadcasting Service, Inc.
		WEED	Rocky Point, N. C.	100	Wm. Avera Wynne.
-	H	WEHS	Charlottesville, Va. Cicero, III.	100	Community Broadcasting Corp. WEHS, Inc.
H	H	WELL	Battle Creek, Mich.	50	Enquirer News Co.
	d	WGPC	Albany, Ga.	100	Americus Broadcasting Corp.
		WHDL	Otean, N. Y.	100	Tupper Lake Broadcasting Co. WHFC, Inc.
		WHFC	Cicero, III. Wilmington, Del.	100	WHFC, Inc. Delaware Broadcasting Co., Inc.
H	H	WILM	Baton Rouge, La.	100	Baton Rouge Broadcasting Co., Inc.
ō	-	WJMS	Ironwood, Mich.	100	WJMS, Inc.
		WKBI	Cicero, III.	100	WKBI, Inc.
	H	WLAP	Lexington, Ky. Kansas City, Kans.	100	Amer. Broadcasting Corp. of Ky, WLBF Broadcasting Co.
		WLEU	Erie, Pa.	100	Leo J. Omelian.
Ö	T	WMAS	Springfield, Mass.	100	WMAS, Inc.
		WMBC	Detroit, Mich. Joplin, Mo.	100	Michigan Broadcasting Co.
		WMBH	Muscle Shoals, Ala.	100	W. M. Robertson. Muscle Shoals Broadcasting Corp.
H	H	WPAD	Paducah, Ky.	100	Paducah Broadcasting Co., Inc.
			Monterrey, N. L.	100	Jesus Quantanilla.
142/	. W.		200 7 14-1		
1450) KI	locycles			
			Summerside, P. E. I.	50	R. T. Holman, Ltd.
	H	KECA	Los Angeles, Cal. North Platte, Neb.	1000 500	Earle C. Anthony, Inc. Great Plains Broadcasting Co.
H	H	KWCR	Des Moines, Iowa.	250	Cedar Rapids Broadcasting Co.
		WBNS	Columbus, Ohio Rochester, N. Y.	500	Internati. Bible Students Assn.
		WHEC	Rochester, N. Y.	500 500	WHEC, Inc.
H	H		Harrisburg, Pa. Memphis, Tenn.	500	Harrisburg Telegraph, Memphis Broadcasting Co.
ö	H	WOKO	Albany, N. Y.	500	WOKO, Inc.
1440	V:	lacuelos	208.2 Meters		
1440) KI	locycles			
		KDFN	Casper, Wyo. Oakland, Cal.	500 250	D. L. Hathaway. Warner Bros.
H	H	KXYZ	Houston, Texas	250	Harris County Broadcasting Co.
		WBIG	Greensboro, N. C.	500	No. Car. Broadcasting Co., Inc. Lehigh Valley Broadcasting Co.
		WCBA	Allentown, Pa.	250	Lehigh Valley Broadcasting Co.
	H	WMBD	Peoria, Ill. Allentown, Pa.	500 250	Peoria Broadcasting Co. WSAN, Inc.
H	H	WTAD	Quincy, III.	500	Illinois Broadcasting Corp.
7	J	XEFI	Chihuahua, Chih.	250	Feliciano Lopez,
145) K:	locycles	206.8 Meters		
1430	, KI				Wateria Breadeastina t
	H	CFCT	Victoria, B. C. Havana, Cuba	75 250	Victoria Broadcasting Assn. Rafael Valdez.
H	H	KTBS	Shreveport, La.	1000	Tri-State Broadcasting System.
H	H	WGAR	Cleveland, Ohio		WGAR Broadcasting Co.
		WHOM	Jersey, City N. J. Fall River, Mass.	250 250	N. J. Broadcasting Corp. Doughty & Welch Elec. Co., Inc.
	H	WTFI	Athens, Ga.	500	Liberty Broadcasting Co.
H			Fecamp, France	10000	Liberty Broadcasting Co. "Radio Normandie."
	1/1	Land.	205 4 14-1		
1460) Kı	locycles			TO SERVICE STORM
		KSTP WJSV	St. Paul-Mpls., Minn. Washington, D. C.	10000	
		Wasy	Washington, D. C.	10000	Old Dominion Broadcasting Corp.
1470	O Ki	locycles	204.0 Meters		
			Nashville, Tenn.	5000	Life & Casualty Ins. Co.
					Complete the state of the state
1480) Ki	locycles			
		KOMA	Oklahoma City, Okla.	5000	Natl. Radio Mfg. Co.
		WKBW	Buffale, N. Y.	5000	Buffalo Broadcasting Co.

140	0 K:I I	201 2 11 -		
149		201.2 Meters	7000	* * **
П		Covington, Ky.	5000	L. B. Wilson, Inc.
150	0 Kilocycles	199.9 Meters		
	☐ CMCN	Havana, Cuba	250	Aurelio Hernandez.
8	KDB KGET	Santa Barbara, Cal. Corpus Christi, Texas	100	Santa Barbara Broadcasters.
H	KGFK	Moorhead, Minn.		Eagle Broadcasting Co., Inc. Red River Broadcasting Co., Inc.
J	□ KGKB	Tyler, Texas	100	East Texas Broadcasting Co.
H	KGKY KNOW		100	Hilliard Co., Inc.
H	KOTN	Austin, Texas Pine Bluff, Ark.	100	Southwest Broadcasting Co. William F. Chaplin.
	□ KPJM	Prescott, Ariz.	100	Frank Mauthe.
H	KPQ KREG		100	Westcoast Broadcasting Co. Voice of the Orange Empire.
H	□ KX0	El Centro, Cal.		E. R. Irey & F. M. Bowles.
- I	WCNW	Brooklyn, N. Y. Durham, N. C.	100	
d	WGAL	Lancaster, Pa.	100	Durham Radio Corp. WGAL, Inc.
D	WHEF	Kosciusko, Miss.	100	Attala Broadcasting Corp.
	WJBK	Detroit, Mich.	100	Sanders Bros. Radio Station.
H	WKBB	East Dubuque, Ill. Richmond, Ind.	100 100	James F. Hopkins, Inc. Wm. O. Knox.
D	WKBZ	Muskegon, Mich.	100	K. L. Ashbacker & Sons.
8		Griffin, Ga.	100	Radio Station WKEU.
H	WMEX	Brooklyn, N. Y. Chelsea, Mass.	100	Paul J. Gollhofer. Northern Radio Corp.
Ö	□ WNBF	Binghamton, N. Y.	100	Howitt-Wood Radio Co., Inc.
B	WOPI	Bristol, Tenn.	100	Radiophone Broadcasting Sta. WOPI.
H	WRDW WRGA	Augusta, Ga. Rome, Ga.	100	Virgil V. Evans Co. Rome Broadcasting Corp.
	WSYB	Rutland, Vt.	100	Philip Weiss Music Co.
H	WWRL	Woodside, N. Y.		Long Island Broadcasting Corp.
П	□ wwsw	Pittsburgh, Pa.	100	Walker & Downing Radio Corp.
151	0 Kilocycles	198.6 Meters		
		Kingston, Ont.	100	Queen's University.
	☐ CKCR	Waterloo, Ont.	100	W. C. Mitchell & G. Liddle.
153	Nilocyclos	196.0 Meters		
133		Waterbury, Conn.	1000	Waterbury Republican.
H				
120	WEADX	Kansas City, Mo.	1000	First National Television, Inc.
155			1000	First National Television, Inc.
155	0 Kilocycles	193.5 Meters		
155	0 Kilocycles	193.5 Meters Long Island City, N. Y	. 1000	John V. L. Hogan.
155	0 Kilocycles	193.5 Meters		
155	0 Kilocycles	193.5 Meters Long Island City, N. Y	. 1000	John V. L. Hogan.
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BROADCASTING STATIONS

(BY CALL LETTERS)

CALL LOCATION	KCYS.	CALL LOCATION	KCYS.
CFAC—Calgary, Alta.	930	CKY-Winnipeg, Man.	960
CFCF-Montreal, Que.	600	CMAF—Havana, Cuba	680
CFCH-North Bay, Ont.	930	CMBC—Havana, Cuba	1030
CFCN—Calgary, Alta.	1030	CMBD—Havana, Cuba	1320
CFCO—Chatham, Ont.	600	CMBG—Havana, Cuba	1150
CFCT-Victoria, B. C.	1450	CMBS—Havana, Cuba	780 1150
CFCY—Charlottetown, P. E. I.	630 880	CMBG—Havana, Cuba	1425
CFLC—Prescott, Ont.	930	CMBX—Havana, Cuba CMBY—Havana, Cuba	635
CFNB—Fredericton, N. B.	550	CMBZ—Havana, Cuba	1005
CFPL-London, Ont.	730	CMC—Havana, Cuba	835
CFQC-Saskatoon, Sask.	1230	CMCA—Havana, Cuba	1230
CFRB-Toronto, Ont.	690	CMCB—Havana, Cuba	1060
CFRC-Kingston, Ont.	1510	CMCD—Havana, Cuba	955
CFRN-Edmonton, Alta.	1260	CMCF-Havana, Cuba	610
CHAB—Moose Jaw, Sask.	1200	CMCG—Havana, Cuba	1120
CHCK-Charlottetown, P. E. I.	1310	CMCJ—Havana, Cuba	1200
CHGS—Summerside, P. E. I.	1435	CMCM—Havana, Cuba	1405 1500
CHLP—Montreal, Que. CHML—Hamilton, Ont.	1120 1010	CMCO—Havana, Cuba CMCO—Havana, Cuba	1280
CHNC—New Carlisle, Que.	1210	CMCQ—Havana, Cuba	680
CHNS—Halifax, N. S.	930	CMCR—Havana, Cuba	1400
CHRC—Quebec, Que.	580	CMCU—Havana, Cuba	1375
CHSJ-St. John, N. B.	1120	CMCW-Havana, Cuba	750
CHWC-Regina, Sask,	1010	CMCY-Havana, Cuba	1100
CHWK-Chilliwack, B. C.	780	CMCX-Havana, Cuba	860
CJAT-Trail, B. C.	910	CMGE-Cardenas, Cuba	1375
CJCA-Edmonton, Alta.	730	CMGF-Matanzas, Cuba	970
CJCB—Sydney, N. S.	1240	CMGH-Matanzas, Cuba	1040
CJCJ—Calgary, Alta.	690	CMGI-Colon, Cuba	1090
CJGX—Yorkton, Sask.	630	CMHA—Sagua la Grande, Cuba	1103
CJIC—Sault Ste. Marie, Ont.	890	CMHB—San Spiritus, Cuba CMHD—Caibarien, Cuba	1245 950
CJKL—Kirkland Lake, Ont. CJLS—Yarmouth, N. S.	1310 1310	CMHI—Santa Clara, Cuba	1037
CJOC—Lethbridge, Alta.	1230	CMHJ—Cienfuegos, Cuba	1125
CJOR—Vancouver, B. C.	600	CMHK—Cruces, Cuba	1225
CJRC-Winnipeg, Man.	1390	CMHW-Cienfuegos, Cuba	910
CJRM-Moose Jaw, Sask,	540	CMJC-Camaguey, Cuba	1382
CKAC-Montreal, Que.	730	CMJE—Camaguey, Cuba	1170
CKBI-Prince Albert, Sask.	1210	CMJF—Camaguey, Cuba	930
CKCD-Vancouver, B. C.	1010	CMJG—Camaguey, Cuba	1050
CKCH—Hull, Que.	1210	CMJH—Ciego de Avila, Cuba	1150
CKCK—Regina, Sask.	1010	CMJI—Ciego de Avila, Cuba	1210
CKCL—Terento, Ont.	580	CMJK—Camaguey, Cuba	790
CKCO—Ottawa, Ont. CKCR—Waterloo, Ont.	1010	CMJL—Camaguey, Cuba CMJO—Ciego de Avila, Cuba	960
CKCV—Quebec, Que.	1510 1310	CMJP—Moron, Cuba	1010 1360
CKCW-Moncton, N. B.	1370	CMK—Havana, Cuba	730
CKFC-Vancouver, B. C.	1410	CMKC-Santiago, Cuba	1034
CKGB-Timmins, Ont.	1410	CMKF-Holquin, Cuba	1363
CKIC-Wolfville, N. S.	1010	CMKJ-Guantanamo, Cuba	1300
CKLW-Windsor, Ont.	1030	CMKM-Manzanillo, Cuba	940
CKMC-Cobalt, Ont.	1210	CMQ—Havana, Cuba	840
CKMO-Vancouver, B. C.	1410	CMW—Havana, Cuba	930
CKNC—Teronto, Ont.	1410	CMX—Havana, Cuba	918
CKOC—Hamilton, Ont.	1120	COK Hayana, Cuba	1175
CKOV—Kelowna, B. C. CKPC—Brantford, Ont.	630 930	COK—Havana, Cuba COX—Havana, Cuba	1450
CKPR—Fort William, Ont.	930	CRCK—Quebec, Que.	1320 1050
CKTB—St. Catherines, Ont.	1200	CRCM—Montreal, Que.	910
CKUA-Edmonton, Alta.	580	CRCO—Ottawa, Ont.	880
CKWX-Vancouver, B. C.	1010	CRCS-Chicoutimi, Que.	950
CKX-Brandon, Man.	1120	CRCT-Toronto, Ont.	840

CALL LOC	CATION	KCYS.	CALL LOCATION	KCYS.
CRCV-Vancouver	r, B. C.	1100	KFXD-Nampa, Idaho	1200
CX4-Montevideo,		610	KFXJ-Grand Junction, Colo.	1200
CX5-Montevideo,		650	KFXM—San Bernardino, Cal.	1210
CX26—Montevided CX28—Montevided		1050	KFXR—Oklahoma City, Okla. KFYO—Lubbock, Texas	1310 1310
FQN—St. Pierre,		609	KFYR-Bismarck, N. D.	550
HHK-Port-au-Pr		920	KGA-Spokane, Wash.	900
HIH-San Pedro	de Macoris, D. R.	1395	KGAR-Tucson, Ariz.	1370
HIX-Santo Dom	ingo, D. R.	1270	KGB-San Diego, Cal.	1330
HJN-Bogata, Co		680	KGBU—Ketchikan, Alaska	900
KABC-San Anto		1420 1420	KGBX—Springfield, Mo.	1230
KABR—Aberdeen KADA—Ada, Okl		1200	KGCA—Decorah, Iowa	930 1270
KALE-Portland,		1300	KGCU-Mandan, N. D.	1240
KARK-Little Ro		890	KGCX-Wolf Point, Mont.	1310
KASA-Elk City,		1210	KGDE-Fergus Falls, Minn.	1200
KBPS-Portland,	Ore.	1420	KGDM-Stockton, Cal.	1100
KBTM-Jonesboro		1200	KGDY-Huron, S. D.	1340
KCMC—Texarkan		1420	KGEK-Sterling, Colo.	1200
KCRC-Enid, Okl		1370 1310	KGEZ-Kalispell, Mont.	1360
KCRJ-Jerome, A KDB-Santa Bar		1500	KGFF—Shawnee, Okla.	1310 1420
KDFN—Casper, V		1440	KGFG-Oklahoma City, Okla.	1370
KDKA-Pittsburg		980	KGFI-Corpus Christi, Texas	1500
KDLR-Devils La	ake, N. D.	1210	KGFJ-Los Angeles, Cal.	1200
KDYL-Salt Lake	e City, Utah	1290	KGFK-Moorhead, Minn.	1500
KECA-Los Ange		1430	KGFL—Roswell, N. Mex.	1370
KELW-Burbank		780	KGFW-Kearney, Neb.	1310
KERN—Bakersfle		1370	KGFX—Pierre, S. D.	630
KEX-Portland, KFAB-Lincoln		1180 770	KGGC—San Francisco, Cal. KGGF—Coffeyville, Kans.	1420
KFAC-Los Ange		1300	KGGM-Albuquerque, N. Mex.	1010 1230
KFBB—Great Fa		1280	KGHF-Pueblo, Colo.	1320
KFBI-Abilene,		1050	KGHI-Little Rock, Ark.	1200
KFBK-Sacramer	nto, Cal.	1310	KGHL-Billings, Mont.	780
KFDM—Beaumon		560	KGIR-Butte, Mont.	1360
KFDY-Brooking		780	KGIW—Alamosa, Colo.	1420
KFEL-Denver, C		920	KGIX—Las Vegas, Nev. KGKB—Tyler, Texas	1420
KFEQ-St. Josep KFGQ-Boone, I		680 1370	KGKL—San Angelo, Texas	1500 1370
KFH-Wichita, B		1300	KGKO-Wichita Falls, Texas	570
KFI-Los Angeles		640	KGKY-Scottsbluff, Neb.	1500
KFIO-Spokane,		1120	KGMB-Honolulu, Hawaii	1320
KFIZ-Fond du	Lac, Wis.	1420	KGNF-North Platte, Neb.	1430
KFJB-Marshallt	own, Iowa	1200	KGNO-Dodge City, Kans,	1340
KFJI-Klamath		1210	KGO—San Francisco, Cal.	790
KFJM—Grand Fo		1370	KGRS—Amarillo, Texas KGU—Honolulu, Hawaii	1410
KFJR-Portland, KFJZ-Fort Wor		1300 1370	KGVO—Missoula, Mont.	750
KFKA-Greeley,		880	KGW-Portland, Ore,	1200 620
KFKU-Lawrence		1220	KGY-Olympia, Wash,	1210
KFNF-Shenando	oah, Iowa	890	KHJ-Los Angeles, Cal.	900
KFOR-Lincoln,	Neb.	1210	KHQ-Spokane, Wash.	590
KFOX-Long Bea		1250	KICA-Clovis, N. Mex.	1370
KFPL-Dublin, T		1310	KID—Idaho Falls, Idaho	1320
KFPM—Greenvill		1310	KIDO—Boise, Idaho	1350
KFPW—Fort Sm		1210 1340	KIDW—Lamar, Colo. KIEM—Eureka, Cal.	1420
KFPY—Spokane, KFQD—Anchoras		780	KIEV—Glendale, Cal.	1210
KFRC—San Fran		610	KIT—Yakima, Wash.	850 1310
KFRO-Longview		1370	KJBS-San Francisco, Cal.	1070
KFRU-Columbia		630	KJR—Seattle, Wash.	970
KFSD-San Dieg		600	KLCN-Blytheville, Ark.	1290
KFSG-Los Ange		1120	KLO-Ogden, Utah	1400
KFUO—St. Louis		550	KLPM—Minot, N. D.	1240
KFVD—Los Ange KFVS—Cape Gir		1000 1210	KLRA—Little Rock, Ark. KLS—Oakland, Cal.	1390
KFWB—Hollywo		950	KLUF—Galveston, Tex.	1440
				1370

CALL LOCATION	KCYS.	CALL LOCATION	KCYS.
www. colored Col	880	KTSA-San Antonio, Texas	550
KLX—Oakland, Cal. KLZ—Denver, Colo.	560	KTSM-El Paso, Texas	1310
KMA—Shenandoah, Iowa	930	KTUL—Tulsa, Okla.	1400 -
KMAC-San Antonio, Tex.	1370	KTW-Seattle, Wash.	1220
KMBC-Kansas City, Mo.	950	KUJ-Walla Walla, Wash.	1370
KMED-Medford, Ore.	1310	KUMA—Yuma, Ariz.	1420
KMJ-Fresno, Cal.	580	KUOA—Fayetteville, Ark,	1260 890
KMLB-Monroe, La.	1200	KUSD—Vermillion, S. D.	570
KMMJ-Clay Center, Neb.	740	KVI—Tacoma, Wash. KVL—Seattle, Wash.	1370
KMO-Tacoma, Wash.	1330	KVOA—Tucson, Ariz.	1260
KMOX—St. Louis, Mo.	1090	KVOD-Denver, Colo.	920
KMPC—Beverly Hills, Cal.	710 570	KV00—Tulsa, Okla.	1140
KMTR—Los Angeles, Cal.	1500	KVOR-Colorado Springs, Colo.	1270
KNOW—Austin, Texas KNX—Hollywood, Cal.	1050	KVOS-Bellingham, Wash.	1200
KOA—Denver, Colo.	830	KWCR-Cedar Rapids, Iowa	1430
KOAC-Corvallis, Ore.	550	KWEA—Shreveport, La.	1210
KOB-Albuquerque, N. Mex.	1180	KWFV—Hilo, Hawaii	1210
KOH-Reno, Nev.	1380	KWG-Stockton, Cal.	1200
KOIL-Council Bluffs, Ia.	1260	KWJJ-Portland, Ore.	1040
KOIN-Portland, Ore.	940	KWK-St. Louis, Mo.	1350
KOL-Seattle, Wash.	1270	KWKC-Kansas City, Mo.	1370
KOMA-Oklahoma City, Okla.	1480	KWKH—Shreveport, La.	1100
KOMO—Seattle, Wash.	920	KWLC—Decorah, Iowa	1270 1220
KONO-San Antonio, Tex.	1370	KWSC—Pullman, Wash. KWTN—Watertown, S. D.	1210
KOOS-Marshfield, Ore.	1200	KWTO—Springfield, Mo.	560
KORE—Eugene, Ore.	1420	KWYO-Sheridan, Wyo.	1370
KOTN-Pine Bluff, Ark.	1500	KXA—Seattle, Wash.	760
KOY-Phoenix, Ariz.	1390	KXL-Portland, Ore.	1420
KPAC-Port Arthur, Texas	1260	KXO-El Centro, Cal.	1500
KPCB—Seattle, Wash.	710	KXRO-Aberdeen, Wash.	1310
KPJM—Prescott, Ariz.	1500 680	KXYZ-Houston, Tex.	1440
KPO—San Francisco, Cal.	880	KYA-San Francisco, Cal.	1230
KPOF—Denver, Colo.	1210	KYW-Chicago, Ill.	1020
KPPC—Pasadena, Cal., KPQ—Wenatchee, Wash.	1500	KZEG-Manila, P. I.	720
KPRC—Houston, Texas	920	KZRM-Manila, P. I.	618.5
KQV—Pittsburgh, Pa.	1380	LR2—Buenos Aires, Arg.	910
KQW—San Jose, Cal.	1010	LR3—Buenos Aires, Arg.	950
KRE—Berkeley, Cal.	1370	LR4—Buenos Aires, Arg. LR5—Buenos Aires, Arg.	990 830
KREG-Santa Ana, Cal.	1500	LR3—Buenos Aires, Arg.	1159
KRGV-Weslaco, Texas	1260	LR9—Buenos Aires, Arg.	1030
KRKD-Los Angeles, Cal.	1120	LR10-Buenos Aires, Arg.	790
KRKO-Everett, Wash.	1370	LS1-Buenos Aires, Arg.	710
KRLD—Dallas, Texas	1040	LS2-Buenos Aires, Arg.	1190
KRMD-Shreveport, La.	1310	LS3—Buenos Aires, Arg.	630
KROW-Oakland, Cal.	930	LS4—Buenos Aires, Arg.	670
KRSC—Seattle, Wash.	1120	LS5—Buenos Aires, Arg.	1110
KSAC-Manhattan, Kans.	580	LS8—Buenos Aires, Arg.	1230
KSCJ-Sioux City, Iowa	1330	LS9—Buenos Aires, Arg.	1270
KSD—St. Louis, Mo.	550	LS10—Buenos Aires, Arg.	590
KSEI—Pocatello, Idaho	900	LU7—Bahia Blanca, Arg.	1280
KSL—Salt Lake City, Utah	1130 1370	NAA—Arlington, Va. RDN—San Salvadore, Sal.	690
KSUM—Salem, Ore. KSO—Des Moines, Iowa	1320	TGW—Guatemala City, Guat,	680 565
KS00—Sioux Falls, S. D.	1110	TGX—Guatemala City, Guat.	1400
KSTP-St. Paul-Minneapolis, Minn.	1460	TICR—San Jose, C. R.	912
KSUN—Lowell, Ariz.	1200	TIGP—San Jose, C. R.	800
KTAB-San Francisco, Cal.	560	TIRCA-San Jose, C. R.	1100
KTAR-Phoenix, Ariz.	620	TISO—San Jose, C. R.	550
KTAT-Fort Worth, Tex.	1240	VAS—Glace Bay, N. S.	685
KTBS—Shreveport, La.	1450	VE9EK-Montmagny, Que.	1195
KTFI-Twin Falls, Idaho	1249	VOAC-St. John's, Nfd.	1300
KTHS-Hot Springs, Ark.	1060	VOAS-St. John's, Nfd.	940
KTM—Los Angeles, Cal.	780	VOGY—St. John's, Nfd.	840
KTRB—Modesto, Cal.	740	VONF—St. John's, Nfd.	955
KTRH—Houston, Texas	1290	VOWR-St. John's, Nfd.	681

CALL LOCATION	KCYS.	CALL LOCATION	KCYS.
WAAB-Boston, Mass.	1410	WCLO—Jamesville, Wis.	1200
WAAF-Chicago, Ill.	920	WCLS-Joliet, Ill,	1310
WAAT-Jersey City, N. J.	940	WCNW-Brooklyn, N. Y.	1590
WAAW-Omaha, Neb.	660	WCOA—Pensacola, Fla.	1340
WABC-New York, N. Y.	860	WCOC-Meridian, Miss.	830 1210
WABI—Bangor, Me.	1200	WCOL—Columbus, Ohio	1210
WABY-Albany, N. Y.	1370 1420	WCRW—Chicago, Ill. WCSC—Charleston, S. C.	1360
WACO—Waco, Texas	1320	WCSH-Portland, Me.	940
WADC-Akron, Ohio WAGF-Dothan, Ala.	1370	WDAE—Tampa, Fla.	1220
WAGM—Presque Isle, Maine	1420	WDAF-Kansas City, Mo.	610
WAIU—Columbus, Ohio	640	WDAG-Amarillo, Texas	1410
WALA-Mobile, Ala,	1380	WDAH-El Paso, Texas	1310
WALR-Zanesville, Ohio	1210	WDAS—Philadelphia, Pa.	1370
WAML-Laurel, Miss.	1310	WDAY-Fargo, N. D.	940
WAPI—Birmingham, Ala.	1140	WDBJ—Roanoke, Va.	930
WARD-Brooklyn, N. Y.	1400	WDBO—Orlando, Fla.	580 1120
WASH-Grand Rapids, Mich.	1270	WDEL-Wilmington, Del. WDEV-Waterbury, Vt.	550
WATR-Waterbury, Conn.	1190 940	WDGY-Minneapolis, Minn.	1180
WAVE—Louisville, Ky.	1350	WDNC—Durham, N. C.	1500
WAWZ—Zarephath, N. J. WAZL—Hazleton, Pa.	1420	WDOD-Chattanooga, Tenn.	1280
WBAA-W. Lafayette, Ind.	890	WDRC-Hartford, Conn.	1330
WBAL—Baltimore, Md.	760-1060	WDSU-New Orleans, La.	1250
WBAP-Ft. Worth, Tex.	800	WDZ—Tuscola, Ill.	1070
WBAX-Wilkes-Barre, Pa.	1210	WEAF-New York, N. Y.	660
WBBC-Brooklyn, N. Y.	1400	WEAN-Providence, R. I.	780
WBBL-Richmond, Va.	1210	WEBC-Superior, Wisc.	1290
WBBM-Chicago, Ill.	770	WEBQ-Harrisburg, Ill.	1210
WBBR-Brooklyn, N. Y.	1300	WEBR-Buffalo, N. Y.	1310
WBBZ-Ponca City, Okla.	1200	WEDC-Chicago, Ill. WEED-Rocky Mount, N. C.	1210
WBCM—Bay City, Mich.	1410	WEEL-Boston, Mass.	1420 590
WBEN-Buffalo, N. Y.	900 1310	WEEU—Reading, Pa.	830
WBEO-Marquette, Mich. WBHS-Huntsville, Ala,	1200	WEHC-Charlottesville, Va.	1350
WBIG—Greensboro, N. C.	1440	WEHS-Cicero, Ill.	1420
WBNO-New Orleans, La.	1200	WELL-Battle Creek, Mich.	1420
WBNS-Columbus, O.	1430	WENR-Chicago, Ill.	870
WBNX-New York, N. Y.	1350	WESG-Elmira, N. Y.	1090
WBOQ-New York, N. Y.	860	WEVD-New York, N. Y.	1300
WBOW-Terre Haute, Ind.	1310	WEW-St. Louis, Mo.	760
WBRB-Red Bank, N. J.	1200	WEXL—Royal Oak, Mich.	1310
WBRC-Birmingham, Ala.	930	WFAA—Dallas, Texas	890
WBRE—Wilkes-Barre, Pa.	1310	WFAB-New York, N. Y. WFAM-South Bend, Ind.	1300
WBSO—Babson Park, Mass.	920	WFAS—White Plains, N. Y.	1200 1210
WBT—Charlotte, N. C. WBTM—Danville, Va.	1080 1370	WFBC—Greenville, S. C.	1300
WBZ—Boston, Mass.	990	WFBE-Cincinnati, Ohio	1200
WBZA—Springfield, Mass.	990	WFBG-Altoona, Pa.	1310
WCAC-Storrs, Conn.	600	WFBL—Syracuse, N. Y.	1360
WCAD-Canton, N. Y.	1220	WFBM-Indianapolis, Ind.	1230
WCAE-Pittsburgh, Pa.	1220	WFBR-Baltimore, Md.	1270
WCAL-Northfield, Minn,	1250	WFDF-Flint, Mich.	1310
WCAM-Camden, N. J.	1280	WFEA-Manchester, N. H.	1340
WCAO-Baltimore, Md.	600	WFI—Philadelphia, Pa.	560
WCAP-Asbury Park, N. J.	1280	WFLA—Clearwater, Fla.	620
WCAT—Rapid City, S. D.	1200	WGAL—Lancaster, Pa. WGAR—Cleveland, Ohio	1500
WCAU—Philadelphia, Pa. WCAX—Burlington, Vt.	1170 1200	WGBB—Freeport, N. Y.	1450 1210
WCAZ—Carthage, Ill.	1070	WGBF-Evansville, Ind.	630
WCBA—Allentown, Pa.	1440	WGBI-Scranton, Pa.	880
WCBD-Zion, Ill.	1080	WGCM-Gulfport, Miss.	1210
WCBM-Baltimore, Md.	1370	WGES-Chicago, Ill.	1360
WCBS-Springfield, Ill.	1210	WGH-Newport News, Va.	1310
WCCO-Minneapolis-St. Paul, Minn.	810	WGL-Fort Wayne, Ind.	1370
WCFL—Chicago, Ill.	970	WGN—Chicago, Ill,	720
WCHS-Charleston, W. Va.	580	WGNY—Chester, N. Y.	1210
WCKY-Covington, Ky.	1490	WGPC—Albany, Ga.	1420

CALL LOCATION	KCYS.	CALL LOCATION	KCYS.
WGR-Buffalo, N. Y.	550	WJZ-New York, N. Y.	760
WGST-Atlanta, Ga.	890	WKAQ-San Juan, P. R.	1240
WGY-Schenectady, N. Y.	790	WKAR-East Lansing, Mich.	1040
WHA-Madison, Wis,	940	WKBB-East Dubuque, Ill.	1500
WHAM—Rochester, N. Y.	1150	WKBF—Indianapolis, Ind.	1400
WHAS—Louisville, Ky.	820	WKBH—La Crosse, Wis.	1380
WHAT—Philadelphia, Pa. WHAZ—Troy, N. Y.	1310	WKBI—Cicero, Ill.	1420
WHB-Kansas City, Mo.	1300 860	WKBN—Youngstown, Ohio WKBO—Harrisburg, Pa.	570
WHBC-Canton, Ohio	1200	WKBV-Richmond, Ind.	1200 1500
WHBD-Mt. Orab, Ohio	1370	WKBW-Buffalo, N. Y.	1480
WHBF-Rock Island, Ill.	1210	WKBZ-Muskegon, Mich.	1500
WHBI-Newark, N. J.	1250	WKEU-Griffin, Ga.	1500
WHBL—Sheboygan, Wis.	1410	WKJC-Lancaster, Pa.	1200
WHBQ-Memphis, Tenn.	1370	WKOK-Sunbury, Pa.	1210
WHBU—Anderson, Ind.	1210	WKRC-Cincinnati, Ohio	550
WHBY—Green Bay, Wis.	1200	WKY-Oklahoma City, Okla.	900
WHDF—Calumet, Mich.	1370	WKZO-Kalamazoo, Mich.	590
WHDI-Olean N. V.	830	WLAC-Nashville, Tenn.	1470
WHDL—Olean, N. Y. WHEB—Portsmouth, N. H.	1420	WLAP—Lexington, Ky.	1420
WHEC-Rochester, N. Y.	740 1430	WLB—Minneapolis-St. Paul, Minn. WLBC—Muncie, Ind.	1250
WHEF-Kosciusko, Miss.	1500	WLBF-Kansas City, Kans.	1310 1420
WHFC-Chicago, Ill.	1420	WLBL—Stevens Point, Wis.	900
WHIS-Bluefield, W. Va.	1410	WLBW—Erie, Pa.	1260
WHJB-Greensburg, Pa.	620	WLBZ-Bangor, Me.	620
WHK-Cleveland, Ohio	1390	WLEU-Erie, Pa.	1420
WHN-New York, N. Y.	1010	WLIT-Philadelphia, Pa.	560
WHO-Des Moines, Ia.	1000	WLLH-Lowell, Mass,	1370
WHOM-Jersey City, N. J.	1450	WLNH-Laconia N. H.	1310
WHP-Harrisburg, Pa.	1430	WLS-Chicago, Ill.	870
WIBA—Madison, Wis.	1280	WLTH-Brooklyn, N. Y.	1400
WIBG—Glenside, Pa.	970	WLVA—Lynchburg, Va.	1200
WIBU—Poynette, Wis.	1370	WLW-Cincinnati, Ohio	700
WIBW—Topeka, Kans.	1210 580	WLWL-New York, N. Y. WMAL-Washington, D. C.	1100 630
WIBX—Utica, N. Y.	1200	WMAQ—Chicago, Ill.	670
WICC-Bridgeport, Conn.	600	WMAS—Springfield, Mass.	1420
WIL-St. Louis, Mo.	1200	WMAZ-Macon, Ga.	1180
WILL-Urbana, Ill.	890	WMBC-Detroit, Mich.	.1420
WILM-Wilmington, Del.	1420	WMBD-Peoria, Ill.	1440
WIND-Gary, Ind.	560	WMBG-Richmond, Va.	1210
WINS-New York, N. Y.	1180	WMBH-Joplin, Mo.	1420
WIOD—Miami, Fla.	1300	WMBI—Chicago, Ill.	1080
WIP—Philadelphia, Pa.	610	WMBO—Auburn, N. Y.	1310
WIS—Columbia, S. C.	560	WMBQ—Brooklyn, N. Y.	1500
WISN—Milwaukee, Wis. WJAC—Johnstown, Pa.	1120 1310	WMBR—Jacksonvile, Fla. WMC—Memphis, Tenn.	1370 780
WJAG—Norfolk, Neb.	1060	WMCA—New York, N. Y.	570
WJAR-Providence, R. I.	890	WMEX—Chelsea, Mass.	1500
WJAS-Pittsburgh, Pa.	1290	WMFG-Hibbing, Minn.	1210
WJAX-Jacksonville, Fla.	900	WMFF-Plattsburg, N. Y.	1310
WJAY-Cleveland, Ohio	610	WMFD-Wilmington, N. C.	1370
WJBC-Bloomington, Ill.	1200	WMFE-New Britain, Conn.	1420
WJBK-Detroit, Mich.	1500	WMMN-Fairmont, W. Va.	890
WJBL—Decatur, Ill.	1200	WMPC-Lapeer, Mich.	1200
WJBO-Baton Rouge, La.	1420	WMT—Waterloo, Iowa	600
WJBW—New Orleans, La.	1200	WNAD Norman Okla	1230
WJBY—Gadsden, Ala. WJDX—Jackson, Miss.	1210	WNAD-Norman, Okla. WNAX-Yankton, S. D.	1010
WJEJ-Hagerstown, Md.	1270 1210	WNBF-Binghamton, N. Y.	570 1500
WJIM—Lansing, Mich.	1210	WNBH—New Bedford, Mass.	1310
WJJD—Chicago, Ill.	1130	WNBO-Washington, Pa.	1200
WJMS-Ironwood, Mich.	1420	WNBR-Memphis, Tenn.	1430
WJR-Detroit, Mich.	750	WNBX-Springfield, Vt.	1260
WJSV-Washington, D. C.	1460	WNBZ-Saranac Lake, N. Y.	1290
WJTL-Atlanta, Ga.	1370	WNEL-San Juan, P. R.	1290
WJW-Akron, Ohio	1210	WNEW-Newark, N. J.	1250

CALL	LOCATION	KCYS.	CALL LOCATION	KCYS.
H	TOW LEE		Action contracts	000
	noxville, Tenn.	560	WSUN—St. Petersburg, Fla.	620
	uscle Shoals, Ala.	1420	WSVA—Staunton, Va.	550 1370
	ew York, N. Y.	810 1190	WSVS—Buffalo, N. Y. WSYB—Rutland, Vt.	1500
	n Antonio, Texas	1370	WSYR—Syracuse, N. Y.	570
	mestown, N. Y.	1210	WSYU—Syracuse, N. Y.	570
WOI—Ame		640	WTAD—Quincy, Ill.	1400
	lbany, N. Y.	1430	WTAG-Worcester, Mass.	580
	shington, D. C.	1310	WTAM-Cleveland, Ohio	1070
	anitowoc, Wis.	1210	WTAQ-Eau Claire, Wis.	1330
	rand Rapids, Mich.	1270	WTAR-Norfolk, Va.	780
WOPI-Br	istol, Tenn.	1500	WTAW-College Station, Texas	1120
WOR-Nev	vark, N. J.	710	WTAX—Springfield, Ill.	1210
WORC-W	orcester, Mass.	1280	WTBO-Cumberland, Md.	800
WORK-Y		1320	WTCN-Minneapolis-St. Paul, Minn.	1250
	erson City, Mo.	630	WTEL—Philadelphia, Pa,	1310
	lumbus, Ohlo		WTFI—Athens, Ga. WTIC—Hartford, Conn.	1450
	Y York, N. Y.	1130 590	WTJS-Jackson, Tenn.	
WOW—Om		1160	WTMJ-Milwaukee, Wis.	620
	ort Wayne, Ind.	1420	WTNJ-Trenton, N. J.	1280
	nomasville, Ga.	1210	WTOC-Savannah, Ga.	1260
	niladelphia, Pa.	920	WTEC-Elkhart, Ind.	1310
	attiesburg, Miss.	1370	WVFW-Brooklyn, N. Y.	1400
	ntic City, N. J.	1100	WWAE-Hammond, Ind.	1200
WPHR-P	etersburg, Va.	880	WWPA—Clarion, Pa,	850
WPRO-Pr	ovidence, R. I.	630	WWJ-Detroit, Mich.	920
	deigh, N. C.	680	WWL-New Orleans, La.	850
WQAM-M		560	WWNC-Asheville, N. C.	570
Office the first	ranton, Pa.	880	WWRL-Woodside, N. Y.	1509
	cksburg, Miss.	1360	WWSW-Pittsburgh, Pa. WWVA-Wheeling, W. Va.	1500
	. Albans, Vt.	1370	WXYZ-Detroit, Mich.	1160
	illiamsport, Pa. eading, Pa.	1370 1310	W1 BS-Waterbury, Conn.	1240 1530
	hiladelphia, Pa.	920	W2XR-Long Island City, N. Y.	
	olumbus, Ga.	1200	W6XAI—Bakersfield, Cal.	
	oanoke, Va.	1410	W9XBY-Kansas City, Mo.	1530
	shington, D. C.	950	XEA-Guadalajara, Jal.	1060
WRDO-A	ugusta, Me.	1370	XEAE-Tijuana, B. C.	980
WRDW-A	ugusta, Ga.	1500	XEAF-Nogales, Sonora	990
WREC-M	emphis, Tenn.	600	XEAI-Mexico City, D. F.	1240
	awrence, Kans.	1220	XEAL-Mexico City, D. F.	660
WRGA—Re		1500	XEAM-Nuevo Laredo, Tames	759
WRJN—Ra		1370	XEAO—Mexicali, B. C.	560
	ockford, Ill.	1410	XEAW—Reynosa, Tamps. XEAZ—Leon, Guan.	
	noxville, Tenn.	1310	XEB—Mexico City, D. F.	1420
WRR—Dal	inesville, Fla.	1280 830	XEBC—Agua Callente, B. C.	1030 760
	chmond, Va.	1110	XECW-Mexico City, D. F.	1310
	cinnati, Ohio	1330	XED-Guadalajara, Jal.	1160
	ove City, Pa.	1310	XEE-Durango, Durango	1210
WSAN-Al	lentown, Pa.	1440	XEFA-Mexico City, D. F.	1180
WSAR—Fa	Il River, Mass.	1450	XEFB-Monterrey, N. L.	1420
WSAZ-Hu	intington, W. Va.	1190	XEFC-Merida, Yuc,	1310
WSB—Atla	nta, Ga.	740	XEFE—Nuevo Laredo, Tamps.	1370
WSBC-Ch		1210	XEFG-Mexico City, D. F.	1100
	uth Bend, Ind.	1360	XEFI—Chihuahua, Chih.	720
	ontgomery, Ala.	1410	XEFJ-Monterrey, N. L.	1210
	rmingham, Ala.	1310	XEFO—Mexico City, D. F. XEFV—Juarez, Chih.	940
	ringfield, Tenn. nston-Salem, N. C.	1210	XEFW—Tampico, Tamps,	1210
	hville, Tenn.	1310 650	XEFZ—Mexico City, D. F.	1310 1370
	ew Orleans, La.	1320	XEG—Ensenada, B. C.	1280
	ayton, Ohio	1380	XEH-Monterrey, N. L.	1150
	arlotte, N. C.	1210	XEI-Morella, Mich.	1370
	artanburg, S. C.	1420	XEJ-Juarez, Chih.	1020
WSPD-To	ledo, Ohio	1340	XEK-Mexico City, D. F.	990
WSUI-Iow	va City, Iowa	880	XEKL-Leon, Guan.	920

KCYS. CALL LOCATION 1080 XEMA-Tampico, Tamps. 960 XEMO-Tijuana, B. C. 1210 XEMZ-Tijuana, B. C. 710 XEN-Mexico City, D. F. 910 XENT-Nuevo Laredo, Tamps. XEOX-Saltillo, Coah. 640 820 XEP-Mexico City, D. F. 500 XEPN-Piedras Negras, Coah. XES-Tampico, Tamps. 690 XET-Monterrey, N. L. XETB-Torreon, Coah. 1310 1210 XETH-Puebla, Puebla 820 XETW-Mexico City, D. F. 980 XEU-Veracruz, V. C. 890 XEW-Mexico City, D. F. XEWZ-Mexico City, D. F. 1150 1310 XEX-Monterrey, N. L. 850 XEXX-Mexico City, D. F. XEY-Merida, Yuc. 1200 780 XEYZ-Mexico City, D. F. 1370 XEZZ-San Luis Potosi, S. L. P. 1310 XFA-Aguascalientes, Ags. 1270 XFB-Jalapa, V. C. 810 XFC-Aguascalientes, Ags. 1340 XFD-Orizaba, V. C. XFO-Mexico City, D. F. 940 610 XFX-Mexico City, D. F. 960 YV1RC-Caracas, Venezuela YV2RC-Caracas, Venezuela 880 YV3RC—Caracas, Venezuela 1200 1200 10AK-Stratford, Ont. 1200 10BP-Wingham, Ont. 1200 10BQ-Brantford, Ont. 10BU-Canora, Sask. 1200 650 1YA-Auckland, N. Z. 570 2YA-Wellington, N. Z. 3YA-Christehurch, N. Z. 760 4QG-Brisbane, Aust. 630 5CK-Crystal Brook, Aust. 730 5CL-Adelaide, Aust. 855 2BL-Sydney, Aust. 3LO-Melbourne, Aust. 806 910 4RK-Rockhampton, Aust. 610 3AR-Melbourne, Aust.

The fifth annual radio party of the International Radio Club is to be held at the Miami Biltmore Hotel in Coral Gables, Fla., January 7, 8 and 9, according to its president, Jack Rice. More than 300 radio stations and scores of radio notables will participate in this nation-wide series of broadcasts to promote good will between Miami and other communities.

(Continued from Page 3) has been exceptionally good along the eastern seaboard. Various reasons have been advanced for this phenomena but it is safe to say that in most instances it is by reason of the use of super power which seems to be in vogue with broadcasters in all sections of the world. European stations are in most cases, quite prompt in answering listeners letters and in verifying correct reports of reception.

NNRC HAM NOTES

Although a recent addition to the club, William E. Mays, Linden, N. J., is an old timer on the ham frequencies where he is known as W2CEJ. Bill acquired his call back in '28, is mostly CW on 80 and 20 meters, likes to chew the rag and will never let a QSP go by. Two rigs of low and medium power are used, both crystal controlled.

Our eminent Jersey City DXer, Charles M. O'Brien, owns the two amateur calls W2EQS and W3DPY. Charlie has relayed important traffic, has worked sixes and sevens, likes rag chews and thinks ham radio is a great game and a swell hobby. W2EQS will soon burst forth with a new crystal controlled rig working fone on 160 and CW on 80, 40 and 20 meters.

Howard B. Beidleman, the club's technical advisor, has long owned a ham license and the call W2FHC. Howard, believe it or not, likes his rag chews and can be found near the low frequency end of the 80 meter band with an M.O.P.A., using a pair of hard-pushed 'tens in the final. Class A fone is contemplated when the depression is over.

W2FXE is Bill Tucker's ham name. Bill hails from Irvington, N. J., and has worked practically all the bands with both fone and CW, including some commendable 5 meter activities. At present W2FXE keys a 47 crystal oscillator on 7280 Kcs., and invites ham members to chew the rag any evening. Bill enjoys entering contests, welcomes a QSP and has worked all of the U. S. and a number of foreigners.

Up in West Hartford, Conn., Sidney Kaufman operates crystal controlled 160 meter fone under the call W1IFH. Although licensed only a few months, Sid has a fine business QSO log, having worked the 1st, 2nd, 3rd and 8th call districts. Like most of the fone men, W1IFH likes to chat over the mike, but would not turn down any DX that came his way.

W2HRN

APPLICATION FOR MEMBERSHIP

I am interested in receiving membership information from The Newark News Radio Club and a copy of your special program listings issued weekly:

	(Please		
City and State	**********	 	
Street and No.		 	
Name	restantes (e no	2424.00.00	

SHORT WAVE NOTES

THEY TELL US . . . that ZHI, Malay States, 6,012 kcs., is coming through weakly, but regularly, Monday, Wednesday and Thursday from 5.45 to 8.15 A. M., EST; their address is Radio Service Co., 20 Orchard Street, Singapore, Malaya . . . that ZGE, Kuala Lumpur, 6,130 kcs., is heard Sunday, Tuesday and Friday from 6.45 to 8.45 A. M., EST. . . . that FZR, Saigon, French Indo-China, has been heard in communication with Paris on 16,210 kcs., Wednesdays, from 7 to 8 A. M., EST., and irregularly between 10 and 11 A. M. An identifying note of a three-tone chime is used . . . that harmonics from the following are liable to confuse SW fans: CFCT. Victoria, B. C., a broadcast station on 1450 kcs., is sometimes heard on 50 meters; XEBC, Agua Caliente, Mexico, 760 kcs., is heard on 9,900, or close to EAQ in Madrid, Spain: As previously mentioned, XENT, Nuevo Laredo, Mexico, has a harmonic on about 6,720 kcs., and also on 4,610 kcs., although on a broadcast frequency of 1118 kcs. though on a broadcast frequency of 1116 kcs. . . . that VK3LR, Melbourne, Aust., have changed schedule; they now start at 11 P. M., instead of 1 A. M. . . . that VK3ME, Melbourne, Aust., also broadcasts Sunday from 5 to 7 A. M., EST., in addition to the regular Wednesday and Saturday transmissions of 5 to 6.30 and 5 to 1 A. M., EST., respectively. A frequency of 9,510 kcs. is being used.

That if you want real Cuban music, listen to COC, Havana, 6010 kcs., every Saturday starting at 11.30 P. M., ...that COA, a new Cuban, on 9,500 kcs., broadcasts nightly from 8 to 10:30....that our old friend Frank Jones (of 6KW fame) is transmitting under the call CM6XS. from Tunicucu, Cuba, on 8250 kcs., and is being heard from 10 to 10:30 in the evening ... that PRADO, Ecuador, is being heard very nicely Thursdays from 9 to 11:30 P. M....that KQH, Kahuku, Hawaii, changes frequency to 14,920 kcs., that you SWLs who want to log Russia will find RV15, Khabarovsk, Siberia, on 4250 kcs., best from 4 to 9 A. M. that RKI and RNE (15040 and 12,001 kcs., respectively) are going to test (or already are) for American SW fans every Saturday between 9 and 11 A. M., with WQP, Rocky Point, on 13901 kcs....that when writing for a verification to Russia, address as U. S. S. R....that HJ3ABB, Bogota, Columbia, will send gifts to those reporting reception of advertising programs. They use 7400 kcs., and the time of these broadcasts is from 7 to 10:30 P. M....that the 49 meter band is now at its best, which, of course, is only natural at this time of the year.

IAPANESE SCHEDULE

According to Carroll H. Weyrich, 4310 Evans Chapel Road, Baltimore, three Japanese stations are to enter the superpower class during the coming year. JOAK-1, Tokyo, is to jump from 10,000 up to 150,000 watts, while JOGK, Kumamoto, and JOBK-1, Osaka, are to use 100,000 each instead of their present 10,-000 watts.

Daily programs of JOAK-1 are relayed

JOAK-2, JFAK and JOAK-1, JOBK, JODK-1, JOBK, JODK-2, JFAK, JFBK and JOAK relay at times, JOAK-1, while JOAK-2 has its own programs which are often relayed by JOCK-2 and JOBK-2.

The operating time for all stations transmitting programs of JOAK-1 is from 7 A. M., to 21.45 P. M., Japanese central time, in November, December, January, February and March. In the other months of the year they are on the air at 6 A. M., JCT. From April to October, JFAK, JFBK and JQAK operate one hour later than all other J stations, due to the difference in time.

NNRC LISTENING POSTS

- 1 -E. L. Peters, Box 65, Westport, Nova Scotia, Canada.
- 2 -Louis J. McVey, Route 10, Box 144B, Sparrows Point, Md.
- 3 -Raymond Mitchell, 219 Third Avenue, North, Nashville, Tenn.
- 4 James Woonton, R. R. No. 7, London, Ontario, Canada
- 5 -Donald Hill, Broken Bow, Nebraska.
- 6 -Paul Sampson, 1820 College Avenue, Regina, Sask, Canada.
- 7 -John P. Kramer, 4401 Fourth Avenue, Brooklyn, N. Y.
- 8 E. A. Feichtner, 53 Holmes Street. Erie, Pa.
- 9 -Carl Forestieri, 463 East 185the Street, New York City.
- 10-Ray E. Everly, 102 West Washington Street, Newton, Ill.
- 11-George C. Valentine, 55 Searing Street, Dover, N. J.
- 12-James A. Dunnigan, 194 North Street, New Britain, Conn.
- 14-Herbert J. Blythe, 3 North Cornwall Ave; Ventnor City, N. J.
- 15-Irwin Beitman, 249 Gates Avenue, Elyria, Ohio.
- 16-John A. Shanks, Russellville, Tenn.

PRINCIPAL SHORT WAVE STATIONS OF THE WORLD

Dial	Meters	Kes.	Call	Location	Time (EST)
	13.93	21530	W8XK	Pittsburgh, Pa.	7 A. M. to 3 P. M.
	14.38	20860	EDM	Madrid, Spain	Mornings
_	14.49	20700	LSY	Monte Grande, Arg.	Mornings
-	14.97	20040	OPL	Leopoldville, Congo	Mornings
-	15.06	19920	HSJ	Bangkok, Siam	Early mornings
-	15.24	19690		La Granja, Chile	Early mornings
_	15.37	19520	IRW	Torrenova, Italy	Irregular
_	15.50	19350	FTM	St. Assise, France	Early mornings
_	15.62	19210	ORG	Ruysselede, Belgium	Phones Belgium Congo mornings
_	15.88	18890	ZSS	Klipheuvel, S. Africa	Early mornings
_	15.93	18830	PLE	Bandoeng, Java	Irregular
-	16.04	18700	DFQ	Nau. n, Germany	Early mornings
	16.04	18700	IRZ	Torrenova, Italy	Early mornings
_		18620	GAU	Rugby, England Manila, P. I.	Phones early morning
-		18210	PMC	Bandoeng, Java	Phones Germany and Japan
	16.55	18130	PCV	Kootwijk, Holland	Irregular Early mornings
	16.85	17800	XGBB	Shanghai, China	Early mornings
	16.86	17790	GSG	Daventry, England	6 to 7.30 A. M.
	16.87	17780	W3XAL	Bound Brook, N. J.	10 A. M. to 1 P. M.
	19.04	15760	JYT	Tokyo, Japan	Irregular
	19.20	15620	JVF	Nasaki, Japan	Phones KWU in evening
	19.46	15420	KWO	Dixon, Calif.	Phones KWU in evening
		15330	W2XAD	Schenectady, N. Y.	2.30 to 3.30 P. M.
_		15270	W2XE	Wayne, N. J.	11 A. M. to 1 P. M.
	19.67	15250	RIM	Tachkent, USSR.	Phone
_		15243		Pontoise, France	7.30 to 11 P. M.
-	19.72	15210	W8XK	Pittsburg, Pa.	11 A. M. to 5.15 P. M.
	19.73	15200	DJB	Zeesen, Germany	8 to 11.30 A. M. and 4 to 5.30 A. M., Sunday
_	19.84	15123	HVJ	Vatican City, Italy	5 to 5.15 A. M. and 10 to 10.40 A. M. Sat.
_	19.95	15000	RKI	Moscow, USSR.	Sunday mornings
_	20.65	14530	XDA	Mexico D. F., Mexico	Phone
-	20.78	14440	GBW	Rugby, England	Phone
-	21.93	13685	HAS2	Budapest, Hungary	7 to 9.30 A. M., irregularly
-	22.66	13240	KBJ	Manila, P. I.	Phone
-	The state of the s	12082	CTICT	Lisbon, Portugal	7 to 9 A. M., Sunday and 4 to 6 P. M. Thurs.
-		12000	RNE	Moscow, USSR.	6 to 7 A. M. and 10 to 11 A. M., Sunday
_	25.02	11990	FZS	Saigon, Indo China	Phones irregularly
	25.25	11880	GSE	Pontoise, France Daventry, England	11.15 A. M. to 2.15 P. M. and 4 to 6 P. M. 9.15 A. M. to 12.45 P. M.
	25.29	11860 11830	W2XE	Wayne, N. J.	3 to 5 P. M.
		11760	DJD	Zeesen, Germany	Noon to 4.30 P. M. and 5.30 to 10.45 P. M.
	25.53	11750	GSD	Daventry, England	2.15 to 4.15 A. M. and 1 to 5.45 P. M.
		11725	PHI	Huizen, Holland	8.30 to 10.30 A. M., except Tues. or Wed.
	25.58	11720	CJRX	Winnipeg, Manitoba	Irregular
	25.63	11705	11111111111	Pontoise, France	3 to 6, 6.15 to 9.15, 10 to 12 P. M.
	27.93	10740	JVM	Nasaki, Japan	Saturday, 11 P. M. and irregular
	28.91	10370	WCG	Rocky Point, N. Y.	Works LSX and KFZ
	28.99	10350	LSX	Buenos Aires, Arg.	Relays Byrd broadcasts
-	29.04	10330	ORK	Ruysselede, Belgium	2.45 to 4.15 P. M.
-	29.24	10260	PMN	Bandoeng, Java	Phones Sydney irregularly
-	29.59	10140	OPM	Belgian Congo	Irregular
-	29.79	10070	ENY	Madrid, Spain	Irregular
-	29.84	10050	ZFB	Hamilton, Bermuda	Irregular
-	30.03	9990	LSN	Buenos Aires, Arg.	Irregular
-	30.43	9860	EAQ	Aranjuez, Spain	5.15 to 7 P. M., and Saturday 1 to 3 P. M.
	30.52	9830	TRM	Rome, Italy	Irregular
	31.25	9600	CT1AA HBL	Lisbon, Portugal Prangins, Switzerland	3.30 to 6 P. M., Tuesday to Friday 5.30 to 6.15 P. M. Saturday 11.30 A. M.
	31.27	9595 9590	VK2ME	Sydney, Australia	12.30 to 2.30, 4.30 to 8.30, 9.30 A. M., (Sun-
	31.28	9090	V ALWARES	Sam 31 Trustration	day only)
	31.28	9590	W3XAU	Philadelphia, Pa.	Noon to 8 P. M.
	31.30	9580	GSC	Daventry, England	6 to 8 P. M.
_	31.32	9579	VK3LR	Melbourne, Aust.	3.15 to 7.30 A. M. except Sundays.
	31.36	9570	WIXAZ	Springfield, Mass.	7 to 1 A. M., Sunday 9 to 1 A. M.
	31.38	9560	DJA	Zeesen, Germany	8 to 11.30 A. M. and 5.15 to 9.15 P. M.

***		W.	6-11	¥	mt (Exam)
Dia	il Meters	Kes.	Call	Location	Time (EST)
_	- 31.45	9540	LCL	Jeloy, Norway	Irregular
_	- 31.48	9530	W2XAF	Schenectady, N. Y.	7.30 to 11 P. M.
	- 31.55	9510	VK3ME	Melbourne, Aust.	5 to 6.30 A. M., Wednesday to Saturday
	- 31.55	9510	GSB	Daventry, England	2.15 to 4.15 A.M. and 10.45 A.M. to 5.45 P.M.
-	- 31.57	9500	PRF5	Rio de Janeiro, Brazil	5.30 to 6.15 P. M., not Sunday,
_	- 31.61	9490	WEF	Rocky Point, N. Y.	Contacts LSX and KFZ
_	31.90	9415	PLV	Bandoeng, Java	Irregular
-	- 32.15	9332	CGA	CJA2, Dartmouth, Canada	Phones Rugby
-	- 32.33	9280	GCB	Rugby, England	Phone
-	- 34.56	8680	GBC	Rugby, England	Phone
-	- 35.80	8380	IAC	Coltano, Italy	Phone
_	- 37.33	8035	CNR	Radio Rabat, Morocco	3 to 4 P. M., Sundays
-	- 37.65	7970	HSP	Bangkok, Siam	Phone irregularly
-	- 38.47	7800	HBP	Prangins, Switzerland	5.30 to 6.15 P. M., Saturdays
-	- 39.89	7520	RKI	Moscow, USSR.	Phones irregularly
-	- 40.50	7410	EA8AB	Tenerife, Canarias	Not in operation at present
-	- 40.55	7400	HJ3ABD	Bogota, Colombia	7 to 11 P. M.
-	- 40.60	7390	ZLT	Wellington, N. Z.	Phone Phone
-	41.80	7180	CR6AA	Lobito, Angola, Africa	2.30 to 4.30 P. M.
-	42.00	7140	HJ4ABB	Manizales, Colombia	8 to 10 P. M.
-	- 43.17	6950	YNLF	Managua, Nicaragua	Irregular nights
-	43,86	6840	HAT2	Budapest, Hungary	Phone irregularly
	44.44	6750	JVT	Nasaki, Japan	4 to 7.40 A. M.
	44.71	6710	TIEP	San Jose, Costa Rica	7 to 10 P. M., except Sunday
-	- 44.96	6670	YVQ	Maracay, Venezuela	Phone irregularly
	45.00	6668	HC2RL	Guayaquil, Ecuador	5.45 to 8 P.M. Sunday and 9.15 to 11.15 P.M.
-	- 45.31	6620	PRADO	Riobamba, Ecuador	9 to 11.30 Thursday
_	- 45.38	6610	REN	Moscow, USSR.	4 to 5 P. M. Mon., Wed., Fri., Sat.
	- 46.25	6485	HI4D	Santo Domingo, D. R.	Evenings
	- 46.30	6480	HJ5ABD	Cali, Colombia	7 to 10 P. M. except Sunday
	- 46.60	6440	HJ1ABB	Baranquilla, Colombia	6 to 10 P. M.
100	- 47.50	6310	HIZ	Santo Domingo, D. R.	11 P. M. to 12.30 A. M.
	48.62	6170	HJ3ABF	Bogota, Colombia	7 to 11 P. M. except Sunday
	48.78	6150	YV3RC	Caracas, Venezuela	4.30 to 10 P. M.
	- 48.78 - 48.83	6150	HJ2ABA	Tunja, Colombia	6 to 9 P. M. Tuesday, Thursday, Saturday
		6140	CJRO	Winnipeg, Manitoba	Nightly
	- 48.92 - 49.00	6130	ZGE	Kuala Lumpur, FMS.	6.40 A. M. to 8.40 A. M. Sun., Tues., Fri.
		6122	ZTJ	Johannesburg, S. A.	11.45 P. M. to 12.30 A. M. and 3.30 to 7 A. M. 5.30 to 11.30 A. M. (N. I. R. O. M.)
	- 49.02	6120 6120	YDA	Bandoeng, Java	6 P. M. to 11 P. M.
	- 49.08	6110	W2XE YV2RC	Wayne, New Jersey Caracas, Venezuela	5.15 to 9.30 P. M.
	- 49.09	6110	VE9HX	Halifax, N. S.	5 to 11 P. M.
_	- 49.10	6110	VUC	Calcutta, India	10.30 A. M. to 1 P. M. except Fri. and Sat.
_	200	6100	W3XAL	Bound Brook, N. J.	6.30 P. M. to 1 A. M. Mon., Wed., Sat.
_		6090	HJ1ABD	Cartagena, Colom.	7 to 9 P.M. F. and Sa. 7 A.M. to 12 P.M. etc.
_	- 49.34	6080	OXY	Skamleback, Denmark	From 1 P. M.
	- 49.34	6080	W9XAA	Chicago, Illinois	3 to 4 P. M. Tu., Th., Sat., 3 P. M. to 1 A. M.
-	- 49.34	6080	CP5	La Paz, Bolivia	7.45 to 9.15 P. M.
	- 49.40	6070	HJN	Bogota, Colombia	8.15 P. M. on, irregular
	- 49.41	6070	OER2	Vienna, Austria	9 A. M. to 5 P. M.
-	- 49.42	6070	YV5RMO	Maracaibo, Venez,	5.15 to 9.30 P. M.
-	49.50	6060	W3XAU	Philadelphia, Pa.	8 to 11 P. M.
-	49.50	6060	VQ7LO	Nairobi, Kenya, Afr.	11 A. M. to 2 P. M., 3 to 4 A. M. Tu. 8 to 9
					A. M. Thursday
-	49.59	6050	GSA	Daventry, England	6 to 8 P. M.
-	- 49.65	6040	HJIABG	Barranquilla, Col.	6.30 to 10 P. M. except Sunday
-	49.67	6040	WIXAL	Boston, Mass.	5.45 to 7.15 P. M. and 7.30 to 9.30 P. M. Sat.
	49.75	6030	YV6RV	Valencia, Venezuela	Irregular
	49.80	6020	HIX	Santo Domingo, D. R.	8.10 to 10.10 P. M. Tuesday and Friday
	- 49.83	6020	DJC	Zeesen, Germany	Noon to 4.30, 5.30 to 10.45 P. M.
	49.83	6020	CQN	Macao, Macao	7 to 9 A. M. Monday, Wednesday, Friday
	49.90	6010	ZHI	Singapore, S. S.	5.40 to 8.10 P. M. Mon., Wed., Thurs., etc.
	49.90	6010	coc	Havana, Cuba	4 to 10 P. M.
	49.92	6010	XEBT	Mexico, D. F.	All evening
-	50.00		RV59	Moscow, USSR.	2 to 6 P. M.
-	00.00	6000	YV4RC	Caracas, Venezuela	4.30 to 10 P. M.
	- 51.00	5880	HJ2ABC	Cucuta, Colombia	6.30 to 9 P. M.
	- 51.99	5770	OA4AD	Lima, Peru	Tuesday and Thursday evenings irregular



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Telephone MArket 3-0088

THE DXER'S CORNER.

(Continued from Page 7)

hear it as I have never heard a BC station south of Mexico City." Other 1934-35 additions are CFTP, CRCT and WTMJ.

Although a late starter this season, George Bezilla, Morann, Pa., has verified KIDO, Boise, Ida., and WQBC, Vicksburg, Miss. From now on, George intends to do some intensive dialing; we'll be interested in his results.

A VETERAN

Edward Fletcher, 7616 Clyde Avenue, Chicago, has been DXing for eight years, four under the colors of the NNRC. He writes: "I am beginning to feel like a veteran. My verified list stands at 496. Latest confirmations are from KTUL, KPAC, KGDM, WHEF, CRCM, CRCK, CRCO, CHCK, CFPL, CJLS, and WNEL. Reports are out to WMEX, WNBH, WOSU, WKBN, WPRO, KFDY, CHSJ, CHNC, XEJ, XEMO and LR5."

With fifty new catches received during the past two months and which bring his log close to the 400 mark, J. Herbert Hyde, P. O. Box 82, Elmwood, Conn. is well on his way to acquiring an Ace certificate. Herb lists LR5 and VE9EK as his best catches so far this season.

According to A. Stephen Walbridge, 43 Burton Avenue, Westmount, Quebec, static has been bothersome all this fall. Despite this handicap and restricted time, Steve has listed a number of good ones including XEAF, WHEF, VONF, KPAC, KGDM, and WNRA. His log includes 620 stations of which 466 are verified. Unlike so many other dial twisters, he experienced no trouble procuring his verification from WMEX. Steve advises that hereafter he is resorting to the double postal card method of reporting reception.

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CMBC—Cuba My Beautiful Cuba WLAC—Life and Casualty

WSM-We Shield Millions WG3T-Georgia State Tech

KFYO-Kum Find Your Opportunity

KRGV-Rio Grande Valley

KLX, 880 Kilocycles, Oakland, Calif., are on the air every last Friday morning of the month from 2 to 3, EST, with Stuart Hamblen's Roundup presenting hill billy numbers and popular selections of the day. The programs are announced by Douglas G. Montell, who is anxious to hear from listeners in all sections with comment. KLX's December 28 broadcast will be dedicated to The Newark News Radio Club.

It is rumored that WFI and WLIT, both in Philadelphia, will merge shortly after January 1, under the call WFIL with a change in staff, location and power. With the entrance of KYW into the City of Brotherly Love, these two outlets will split the NBC-WJZ network with KYW becoming the Philadelphia key station for NBC-WEAF.

CHRISTMAS GREETINGS

A Merry Xmas and a Happy New Year Director and Mrs. E. J. Obert

The Season's Greetings to NNRCers

Vice President and Mrs. W. H. Applegate

Merry Christmas and a Prosperous New Year Director and Mrs. Lloyd Hahn

Greetings of the season to my fellow members

Director Jack B. Schneider

A Joyous Xmas and a Happy New Year Director John W. Reichert

Happy Holiday Greetings and a New Year of good DXing

Director A. J. Koempel

To the host of radio listeners who comprise that great fraternity, The Newark News Radio Club, a very Merry Xmas and a Happy and Prosperous New Year

Director Walter E. Doty

 Happy and Prosperous Holiday Season Director Dale Kennedy

Merry Christmas and Happy New Year to my friends, members and correspondents Alfred W. Oppel, Executive Secretary

Greetings of the Season to all my club friends

Lester Kraemer, Treasurer

A Happy Yuletide and a Prosperous New Year Vice President Frank Scott

To my friends and members of the NNRC —Christmas and New Year's greetings.

Margaret Shafer, Recording Secretary.

Christmas greetings and a New Year of happiness and success

Irving R. Potts, President.

COMMENT

John Beardall, director, CFCO, Chatham, Ontario: "I find The Dialist contains many interesting items which I shall be pleased to make use of and quote from during our special radio club broadcast. May I congratulate you upon the excellent setup of your magazine."

Clermont M. Zimmerman, 1026 Wolverton Street, Sunbury, Pa.: "I am glad to say The Dialist is up to expectations. It will fill a long-felt need of space for the activities of NNRC members and will surely be a success.

Henry Bowe, 431 Belmont Avenue, Newark, N. J.: "As a charter member of The Newark News Radio Club I'll be a charter subscriber to The Dialist. It is the best magazine for DXers and club news that I have ever seen."

Herbert J. Blythe, 3 North Caldwell Avenue, Ventnor City, N. J.: "I am enclosing a dollar bill for a year's subscription. I think it will double the return on my investment. I would rename The Dialist 'The DXers' Paradise."

Edward Fletcher, 7616 Clyde Avenue, Chicago: "I want those responsible for The Dialist to know it is fine. It is another Newark News Radio Club masterpiece, worthy of the organization. I especially like the listing of frequently heard foreign stations in the main log and I am glad that every little 5, 10 or 15 watter in Angora or Patagonia is omitted."

Just as it does with its BC members, The Newark News Radio Club now classifies its short wave DXers according to the number of stations logged and verified. Certificates will be awarded for the following grades: Junior, 100 stations heard, 50 verified; Senior, 150 stations heard, 75 verified; Ace, 200 stations heard and 100 verified.

The charming person who answers the telephone in James Melton's apartment, makes appointments for the singing star of "Town Hall Tonight," and identifies herself as the NBC's tenor's "secretary," is Mrs. Melton. Beautiful and blonde, she really does her husband's secretarial work, answering fan letters, among other things. Mrs. Melton thinks it keeps everything on a more impersonal and business-like plan if she calls herself a secretary.

MASTERPIECE III

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in California Contest

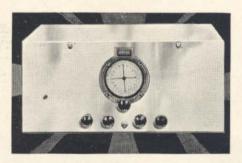
Everyone who has tuned and heard Masterpiece III wants to keep it. Columbia Broadcasting System heard it, tested it, then installed it as official studio receiver in Chicago. You can put Masterpiece III to the same tests, under your own reception conditions . . . without risking one cent of your money.

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122 stations in a week! 28 foreign countries logged! Every station at least 5000 miles away! The Masterpiece III, that I will build to your order, will be fully as capable as the two receivers used by these two famous people in the Hollywood International DX Contest.

Masterpiece III ,by any standard of measurement, by any kind of competitive tests, and in the opinion of everyone who has seen it in action, we believe, is the most complete, the most capable, the most outstanding all-wave radio receiver ever engineered. It will not only out-perform anything else in laboratory demonstrations, but is positively and unconditionally guaranteed to out-perform any other radio receiver in existence . . . right in your own home!



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3. Slow-Fast, Smooth-Acting Tuning;
4. Station Group Locator;
5. Simplified Tuning Guide Lights;
6. Automatic Select-O-Band Indicator;
7. Illuminated Pointer Indicator;
8. Sflent Shadow Tuning—Improvement on Meter Tuning;
9. Centralized Tuning;
9. Centralized Tuning;
10. Commercial, airplane and ship broadcasts and derive new delight and new excitement from unmic Coil Forms, etc. Only Mid-

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