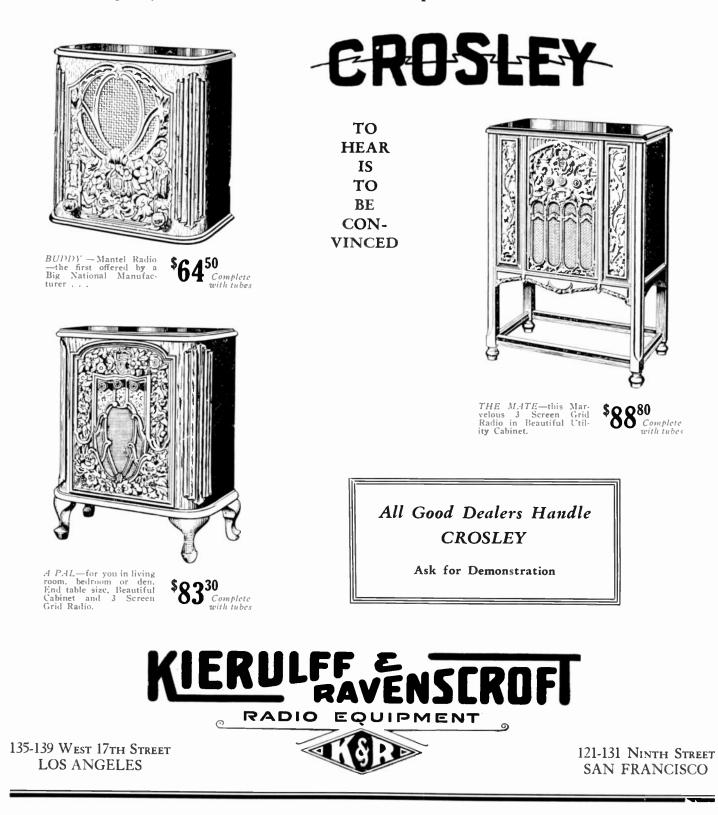


Three Winners

It's foolish to pay more than Crosley prices for a radio. You can't beat a Crosley no matter how much you pay. Crosley invested \$6,000,000 in endless chain production machinery and plant to give you the best in radio at the lowest price.

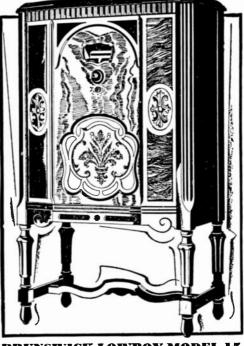


the **RADIO** of the **FUTURE**

Radios come and go but the new Brunswick is here to stay. The Radio of the Future! With features that place it years ahead of competition, you can rest confident in the knowledge that the Brunswick you buy today will be receiving the great broadcasting events of years to come.

Warner Bros., whose foresight revolutionized motion pictures with Vitaphone, are now leading the way in radio with the new Brunswick.

We are proud to be associated with them in this great enterprise. We present the new Brunswick models which mark an advance in radio as great as the talking picture does on the screen.



BRUNSWICK LOWBOY MODEL 15 With the famous chassis described below. 10 inch full dynamic speaker. Cabinet of selected butt Walnut with curved corners and carved front panel. Price less tubes \$139.50



Brunswick Armored Chassis with Uni-Selector, Tone Control, and Rigid Horizontal Tuning Scale. 4 Screen Grid Tubes.



WESTERN RADIO, Inc. . . . Distributors . . . 1135 South Wall St., Los Angeles

Page Four

RADIO DOINGS

September 5

THE ONE RADIO



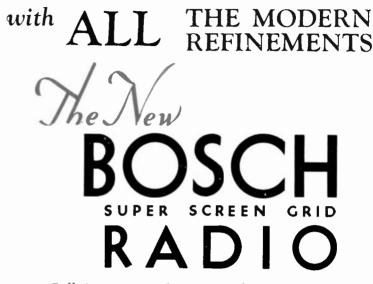
Left is the new Bosch Standard Model B. This beautiful con-sole is equipped with an eight-tube (4 screen grid) receiver, Engineered through-tional Bosch preci-sion, Single Station Selector, Local-Dte-tance Sectich, Line-o-Lite dial, vj-inch electro - dynamic Speaker, Slo3.50, less Tubes. (Tubes, §21,30.)



Right, is the gor-geously designed console of the new Boschdel, uxe Model D. Chassis is the new nine-tube re-ceiver which com-bines all modern re-finements in one set -plus many exclusive Bosch features. \$199.50, less Tubes. (Tubes, \$24.60.)







Full Automatic Volume Control-for holding tone level through all local and distance stations, and reducing fading.

- Tone Selector-for individual choice of tonal range.
- Meter Tuning—for electrical tuning accuracy. Speaker-Mute—for silent tuning through stations.

Custom-Tuning-for individually balancing each set to the aerial and ground to which it is attached, and the room where it plays.

Single Control Station Selector-for smooth and easy tuning.

Local-Distance Switch-for adjusting aerial effectiveness to maximum reception.

Five Tuned Circuits-for super-selectivity.

12-in. Electro-Dynamic Speaker-for fidelity of tonal reproduction.

Line-o-lite Dial-for illuminated kilocycle dialing.

Screen-grid Engineering-for all-round better performance.



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RADIO DOING/

Cloyd Marshall, Jr. G. W. Marshall K. G. Ormiston Dorothy Hummel Editor Business Manager Technical Editor Studio Editor

September 6, 1930

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Public Service

T has been brought to the attention of RADIO DOINGS that the mouth-

piece of the Federal Radio Commission has issued a denial of the official character of the Station Popularity Survey now being conducted by this magazine. Before commenting on its nature it is appropriate to assure our friends that RADIO DOINGS has never under any circumstances stated that the Survey has occurred through the direct request or authorization of that Federal body. On the other hand each edition of RADIO DOINGS during the last month has furnished ample evidence, even to a published letter the week of August 23rd from the Supervisor of this district, sustaining the fact of the official use to which the tally of this Survey will be put. In spite of the above mentioned denial, which obviously was made as a result of deliberate misrepresentation, the results and the signed ballots themselves will be placed at the disposal of the Commission through official channels.

The one purpose of RADIO DOINGS is to employ every faculty in building public service in radio on the one hand and to cooperate with the industry on the other. But at times it becomes necessary to pause and defend our work from the undermining activities of those whose vindictiveness overcomes their duty to the business which so fundamentally serves nearly every home. Such destroyers are now at hand. The Survey has given rise to tremendous response and publicity so that opposition must be expected from certain quarters, as deeply regretted as it is.

Notwithstanding derogatory reports the sounding out of public opinion is proceeding with increased interest and importance. The public has literally jumped at the opportunity to express themselves about the stations and programs. Thousands of ballots have been carefully and thoughtfully filled out and sent in by our readers, proving that the Survey is a popular move in the right direction.

The Survey is being conducted purely and solely to enhance public service.

Cloyd Marshall fr

VOLUME XVII

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NUMBER ELEVEN

ISSUED WEEKLY AT 407 EAST PICO, SUITE 400, LOS ANGELES, CALIF. SUBSCRIPTION \$3.00 A YEAR. ENTERED AS SECOND CLASS MATTER, NOVEM-BER 25, 1922, LOS ANGELES, CALIF., POST OFFICE UNDER ACT OF MARCH 3, 1879.

New York Office J. W. HASTIE 155 East 42nd Street, Vanderbilt 4661 Los Angeles Office HORWOOD PUBLISHING CO., INC. 407 East Pico Street. WEstmore 1401 San Francisco Office H. H. CONGER CO. 929-30 Hearst Bldg. Garfield 8990

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LARGEST RADIO PARTS JOBBER WEST OF CHICAGO

Sei embe: 6

Page Seven



Silver Marshall Licensed Custom Built Super Heterodynes

724 AC-NINE CIRCUIT SCREEN GRID SUPER

Combining in one receiver all of the accumulated engineering experience which produced the famous Silver-Marshall six-tube sets—including America's first screen-grid receiver (the S-M 630G of 1927-28) and culminating in the 720 and 722, which introduced high-grade screen-grid reception to the moderate price class—the new S-M 724 nine-circuit Super takes its place at once as the greatest buy of the 1930-31 season. Six tuned circuits (three dual selector circuits) in the i. f. amplifier preceded by two tuned r. f. circuits, together with the oscillator circuit, make a total of nine tuned circuits in this extremely moderate price set. Very accurately uniform sensitivity and selectivity over the entire broadcast band are features of tremendous value in the 724, and the sharp t.r.f. amplifier results in keeping out any perceptible evidence of the second "spot" or resonance point which causes interference in many supers.

The 724AC uses 1—'24 r. f. amplifier, 1—'24 first detector, 1—'27 oscillator, 2—'24 i. f. tubes, 1—'24 second detector, 2—'45 output tubes, and 1—'80 rectifier.

714-DOUBLE PRE-SELECTOR SCREEN GRID SUPER TUNER

Lineal successor to the great S-M 710 Sargent Rayment Seven of 1928 and the improved 712 Tuner of last season, the 714 accomplishes a feat never before successfully carried out—the building of a double preselector tuned radio frequency circuit into a single control screen grid superheterodyne for all a. c. operation. Such sharpness of tuning is achieved with a total of eleven tuned circuits, as would have been absolutely unbelievable until one remembers the screen-grid achievements of S-M receivers in 1929. The two dual-selector r. f. circuits absolutely prevent the cross-modulation usually expected in ultra-sensitive supers, and insure the complete suppression of the second resonance "spot." The 714 is unhesitatingly recommended as a tuner for use with the very best amplifiers in any installation, or wherever interference is worst.

Tubes required: 1-24 r. f. amplifier, 1-24 first detector, 1-27 oscillator, 2-24 i. f. amplifiers, 1-27 second detector.

These New Items Ready for Delivery Soon. Get In on the Ground Floor. Order Early.

Silver Marshall's Famous 692 3-stage Amplifier for Theater and P. A. Work always in stock, as well as all other S-M Kits and Parts

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LARGEST RADIO PARTS JOBBER WEST OF CHICAGO



Page Ni

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SUPER-MIDGET

TONE CONTROL 4 SCREEN GRID 4 GANG CONDENSER DYNAMIC SPEAKER

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W HEN the line of Midgets you require for your trade must include the following, the Waltham is the line. Tone Control, Local and distance switch, phonograph pick-up, single illuminated dial, four screen grid tubes, one 280 tube and one 245 tube, black walnut dual toned cabinet.

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ROBERT HURD--KFI

WE APPLAUD

Because: ROBERT HURD has succeeded admirably in maintaining two distinct characters for the two types of program he sings; because as Robert Hurd he has taken active part in furthering the classics and as Paul Roberts has endeared himself to thousands by his interpretation of such old favorites as "Sweet Genevieve"; because he pioneered Spanish music over the air with the result that KFI's Spanish programs are perhaps the best on the air; and finally because as a combination of Paul Roberts and Robert Hurd he is as nearly ideal as it is given a program director to be,

Robert Hurd Discusses Radio Programs

With Jose Rodriguez*

T HE art of music and the art of government have always suffered from the advice and compulsion of aggressive inexperts.

No one in his right senses presumes to tell an electrician or plumber what to do in minor household repairs —but no one will hesitate to tell a musician or governor what to do under all circumstances.



The same happens in radio. No one presumes to tell an engineer anything about a transmitter—unless one is oneself an engineer. But any green horn will stand up to an experienced program director, grown grey in the service, and dictate to him what kind of music shall be played for a certain purpose, and how that music shall be played.

This, in the opinion of Robert Hurd, program director of KFI-KECA, veteran pianist and conductor

JOSE RODRIGUEZ

and writer of much music, is the chief problem in the program field today. There are other problems, just as there are definite blessings, but the matter of inexpert interference is at present the most vexing.

"In radio today we are busy with the job of keeping up a combination concert, vaudeville, information bureau and university every day. We cannot favor one thing as against the other. We have symphony audiences, opera audiences, people who only want to hear news and educational data and people who tune off if anything but jazz is on the air," says Hurd.

"This in itself is an exhausting and entirely new problem in the music world. Hitherto, directors have had to handle one definite thing. One was either a symphony man, an opera man, a vaudeville man or what have you. But nowadays we must be all things and we must see to it that we are putting out the best in each field.

"The problem, in other words, needs technical and cultural preparation. One is not a musician suddenly any more than one is a world observer suddenly. A long education is necessary, then a long period of mental gestation, then a long period of humanizing experience.

"In the case of radio programs, this training has to be intense and sincere. So that when an inexpert adviser is placed in a commanding position and is able to dictate what and how program material shill be treated, the result is the same as if we had let loose a ditch-digger in a power plant.

"We have had tragic-comic examples of this. I'll never forget one agency who was entrusted with an important account, and which was at a loss what sort of program to present. Carl Haverlin, our sales manager, prepared a long list of operas, concerts and national music, cast them tentatively, and succeeded in persuad-

*Publicity Director of KFI.

ing the advertiser that this was the ideal thing. The agent, meanwhile, accustomed only to handling advertising in publications and by mail, was completely at sea. For instance, the name of a conductor suggested for the operatic performances was at first believed by the agent to be an Italian form of a familiar cuss-word. He was astonished when he discovered that the conductor was actually a man, that the name was actually his, and that he was world famous. The agent had to be gently informed what was national music, what was symphonic music, what was the difference between a tenor and a kettle-drum, what operas were subject to copyright, and so forth.

"But once he had been in the studio and heard violinists tune up a few times, the agent suddenly discovered that he, too, was an authority on music. Once he actually took a program under his guidance. This one program was such a dismal failure that he soon swallowed his pride, tacitly admitted he knew nothing, and allowed the Italian conductor to handle the programs thereafter. But now this agent, apparently unabashed by his painful experience, writes articles in trade magazines posing as an authority in radio.

"I wonder if this gentleman, up on his first flight, would presume to tell an airplane pilot how to fly. I'm sure he wouldn't. But he nevertheless intrudes in a technical field far more complicated than flying.

This case is typical, says Mr. Hurd, and it represents a mental attitude which must be rectified.

"Don't you think, however," Hurd was asked, "that a public censorship or better, a frank opinion by nontechnical people—is an effective and necessary curb to the tendencies of the hyper-specialist? Isn't it possible that the expert, in his enthusiasm for purely program matters, forgets that after all, it is the listener, the man in the street, the average citizen who must be pleased and who will ultimatly dictate what shall be? After all, the loftiest geniuses paid a strict attention to the demands of public taste."

"No. they didn't." replied KFI-KECA's director of programs. "The geniuses were notorious flaunters of public opinion. Choose at random—Bach, Beethoven, Wagner, Chopin, Liszt, Scriabine, Debussy—any of the names now accepted without blinking by average audiences, were once red rags to so many bulls. The mob must follow, it can never lead."

"Would you take programs absolutely out of the hands of sponsors or their agents?"

"No, not entirely. But we must exercise a strict supervision over them. The entire field of radio is now suffering from inexpert meddling. There is a public clamor against bad programs. The wisest and the biggest advertisers, such as Standard Oil, Union Oil, Atwater Kent and General Electric, are only too happy to leave their programs in the keeping of experts. The result justifies this procedure.

"Sooner or later we must treat the program expert with the same respect and consideration as we treat the plumber, the dentist and the surgeon—as a highly trained and experienced specialist."

Page Twelve

FOR YOUR ENTERTAINMENT

The two national radio chains, in an attempt to out-do each other in giving the listeners the best talent in the country. have each announced a most elaborate

series of broadcasts for the fall and winter months. Four radio concerts by Leopold Stokowski and the Philadelphia Orchestra have been scheduled by the National Broadcasting Company, the initial concert to be on the air Sunday afternoon, October 12th, at 2:00 p.m. November 16th, Christmas Day and Easter Sunday are announced as subsequent dates. When Stokowski, the last of the great directors relucantly consented to appear on the air, he became intensely



LEOPOLD STOKOWSKI

interested in the technical problems of orchestral broadcasts. Following the conclusion of the 1929 series of concerts, he spent twelve weeks in the NBC New York studios studying broadcasting methods and is now thoroughly familiar with this technique. These concerts need no publicity for the music loving world is well acquainted with the genius of Stokowski.

The Columbia Broadcasting Company promises the New York Philharmonic Symphony Orchestra for the first time in its eighty-eight years' existence when it goes on the air October 5th. Twenty-seven concerts with Arturo Toscanini, Erich Kleiber and Bernardino Molinari conducting. The October concerts are scheduled for the 5th, 12th and 26th. and the time will be announced later.

* * *

The following tribute from Walter David in "The Music World" will tell you about Calmon Luboviski, master violinist whose superior musicianship has been an cutstanding feature of KNX for many years. A new picture of Mr. Luboviski appears on the cover of this week's issue. Mr. David writes: "Luboviski did not build up his great following by any short method. He worked for it year after year, and mighty hard work it was. . . His bearing is dignified, rather courtly, in fact, and he never smiles on the stage or before the microphone: thought and attention are riveted to the work in hand, and that work is playing his beloved violin as only a few of the greatest violinists of the day can play."

* * * *

September 7th and 13th are important days in radio programs and you will want to be near a receiving set on those days. Madame Ernestine Schumann-Heink, beloved operatic contralto, will sing the first of a seventeen consecutive week concert series. Madame Schumann-Heink, with a record of half a century of artistic achievement, will appear on the Enna Jettick Melodies program on Sunday, September 7th, at 4:00 p.m. KFI will release the broadcast. September 13th is the day of the great races between Sir Thomas Lipton's Shamrock and American entries competing for the America's cup. On Saturdays, September 13 and 20, the reports will be heard beginning at 9:30 and 11:30 a.m., P.S.T., and 12:00 and 12:30 p.m. On Monday, September 15, the descriptions of the race will be released at 12:00 and 12:30 p.m., and on Tuesday, Wednesday, Thursday and Friday at the same time. KFI and KHJ are completing arrangements to release the broadcasts.

* * * *

Bill Ray, manager for KGER, put on one of his famous Ragtime Reviews a week day night recently. It has been packed away in ice for six months until popular demand brought it out of cold storage. The initial spasm of the new series lasted more than an hour and brought fan mail mounting up into the thousands as a result of the "not good, but loud" program.

Starting Monday, September 1, Radio Broadcast Station KELW inaugurated a new policy in radio entertainment. Beautiful studios of the Towertone Recording Studios with a seating capacity for three hun-dred is the new home of all KELW broadcast by remote control from the studios at Burbank, California. A new and unique idea in radio entertainment is not only offered to the radio public over the air, but to the public who are admitted free to Towertone Studios during all broadcasts. Each and every artist appears in make-up and costume of the character or characters they portray to the listening public and in a special setting that also fits his act. Towertone Studios will not spare any expense in securing the finest of talent for their broadcast and many very prominent artists have been placed on contracts both for recording as well as broadcasting. In addition to the new features there will be time devoted to leading colleges for educational programs, time will be allotted to city, state, and county educational departments for the broadcasting of any and all their subjects.

The broadcasting of the polo matches at the Uplifter's Field, Santa Monica from KMTR every Sunday between 2:30 and 4:30 is proving most interesting to the radio audience. Frank Bull, expert sports announcer, whose voice will be remembered for its exciting description of last season's football games, is at the microphone and describes the game, play by play. The game on September 7th between the Eleventh Cavalry Team of Monterey and a picked Uplifter team is expected to be a thriller.

* * *

Charles Frederick Lindsley, chief of the Department of Speech at Occidental College, is directing and announcing "Folgeria." the serial comic opera which is broadcast weekly over the Pacific Coast and Rocky Mountain Units of the Columbia Broadcasting System, and as they say in Africa, Mr. Lindsley doesn't fool with his announcing. Don't miss these excellent programs on Thursday night over the Don Lee Chain from KHJ.

RADIO NEWS FLASHES

Congestion in Regional Channels Hit

Federal Radio Commissioner Harold A. Lafount, who has been complaining for some time of the congestion of broadcasting stations in this country, returned from his Western tour of inspection more convinced than ever that some "weeding out" is necessary, particu-larly in the regional group of stations.

After visiting 30 cities in 11 States and inspecting 28 broadcasting stations, Mr. Lafount declared that there is a "real waste" on the regional channels, upon which the bulk of stations now operate. He found that the low powered, or local, stations are doing "reasonably well" and that the high powered stations on cleared channels are performing "the real service."

While on his tour, the Commissioner conferred with listeners as well as broadcasters so as better to ascertain actual conditions. He also met numerous radio dealers. He was entertained by Chambers of Commerce and luncheon clubs.

At Grand Island, Nebr., Mr. Lafount inspected the new radio "police station," which will begin operation early this fall. He discussed plans whereby daily reports will be transmitted from the station to the Federal Radio Commission for prompt action.

Police Investigate Radio "Psychologist" Gayle Norman, self-styled "professor of psychology", who for a month answered personal questions at \$1.00 each over Station WOL. Washington, made a hurried exit near the close of his engagement when the Washington Post revealed that the fraud squad of the Metropolitan Police Department had him under surveillance.

Listeners who had sent in questions just before the expose were doomed to disappointment when Norman failed to go on the air at either his morning or evening time for the last two days that his contract covered. It was at first said that he was late at the studio and finally that he had left the city and that the money of un-answered listeners would be refunded.

The Legal Division of the Federal Radio Commission joined the Police Department in making an investigation. It was said that the "psychologist" might be prosecuted for two probable violations of the radio law: that he was transmitting messages from person to person and that he was soliciting money for personal gain. both of which are illegal over a broadcasting station.

Norman carefully explained at each of his performances that he was not a fortune teller but that he was making a "psychological guess" as to the inquirer's future or what he wished to know.

Census to Alter Radio Quotas

Shifts in the population of various cities and sec-tions of the United States will probably necessitate a number of revisions in the assignments of broadcasting facilities by the Federal Radio Commission, an analysis of preliminary figures by the Engineering Division reveals.

Present allocations among the five zones and the 48 States and the District of Columbia are made on the basis of estimated populations in 1928. Since then a number of cities and States have added to their lists of residents.

U. S. Broadcaster Seeks Foreign Field

As in the automobile field, United States broadcasters have very nearly saturated the local market and are beginning to look for new worlds to conquer. The Westinghouse Electric and Manufacturing

Company, operator of the pioneer broadcasting station, KDKA, of Pittsburg, has applied to the Federal Radio Commission for permission to invade foreign fields with American radio programs via short waves on a commercial basis.

Such a scheme is forbidden under the present regulations of the Commission though stations are permitted to transmit programs to other nations on an experimental basis. W8XK, of East Pittsburgh, operated with 40,-000 watts by Westinghouse. has been engaged in relay broadcasting to Latin-American countries, especially, for several months. These programs, originating in the studio of KDKA, are picked up, however, in all parts of the world with short wave receivers.

The present application seeks the removal of restrictions on commercial rebroadcasts so that advertising time on the air may be sold to sponsors of programs just as is done for local broadcasting.

Short Wave S O S Urged

Designation of a short wave distress signal that would correspond with the SOS call on 500 kilocycles, so that vessels in remote areas of the world might always be able to get in touch with shore stations was urged by Capt. S. C. Hooper, Director of Naval Communications. following the foundering of the "Tahiti," British steamship, n the South Pacific.

The international distress channel is not ideally adapted for uses by ships in remote waters, Capt. Hooper said, particularly in the daytime. While at night, it has a maximum coverage of about 2,000 miles, during the day it reaches only from 100 to 200 miles.

There are areas in the Pacific Ocean, he declared, where SOS signal cannot be heard during the day because of the variable conditions governing the transmission of radio messages. The only chance that a vessel in distress in such a place may be heard, he said. is that another ship is in the vicinity and can relay the message.

Short waves carry further than long or intermediate The higher the frequency the greater the covwaves. erage.

Southwest Network Is Formed

A new radio network, linking seven broadcasting stations in Texas and designed to serve the entire Southwest, has been formed, according to advices received by the Federal Radio Commission. The network will have its formal opening on September 24.

The new chain bears the name of the Southern Broadcasting Company and has four basic stations and three associated stations, according to J. M. Gilliam, general manager. The basic stations are KTAT, at Fort Worth, which operates on the 1240 kilocycle channel with 1,000 watts; KGKO, Wichita Falls, with 250 watts at night and 500 watts during the day, on 570 kilocycles: WACO. Waco, with 1,000 watts, dividing time with KTAT, KTSA, San Antonio, with 1,000 watts at night and 2,000 watts during the day, on the 1290 kilocycle channel.

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RADIO DOINGS POPULARITY CONTEST

RADIO DOINGS POPULARITY SURVEY

Below are listed the stations of Southern California, arranged in the order in which they tune in on your dial. Please indicate your opinion of the relative merit of the stations by numbering them in the order of their value to you— "1" for your first choice, "2" for your second, etc. Mark zero after the stations which are of no value to you. A column is also provided for your comments and suggestions. Be sure and write your name and address at the bottom of the page, otherwise your vote will not be counted.

Fill out carefully and thoughtfully, cut out the half page and mail to RADIO DOINGS, 407 East Pico St., Los Angeles, Calif.

Station	Rating by Number	Comments or Suggestions
KMTR		
KFSD		
KFI		
КМРС		
ктм		
KELW		
КНЈ		
KFWB		
KFVD		
KNX		
KMIC		
KFSG		
KGFJ		
KFXM		
KFOX		
KGEF		
КТВІ		
KGB		
KGER		
KPSN		
KECA		
Name		

The tally of votes in the Radio Doings Station Popularity Survey to date affords an accurate gauge of the relative popularity of the broadcast stations of Southern California. The stations stand today in the same relative position as they did when the first few hundred ballots were checked up, and before any of the stations had mentioned the Survey over the air. The publicity given to this survey of public opinion by the stations themselves has not in any way altered their respective standing, but has served to bring in more votes for all stations.

Radio listeners have very definite opinions with regard to the comparative service rendered by the broadcasters, and they are glad of the opportunity to express them, especially for official use.

Here are a few facts for the consideration of our readers. Judge Sykes, vice-chairman of the Federal Radio Commission, stated to newspaper men when he was in Los Angeles last July that the ether was overcrowded and that stations will be weeded out; those to survive being the ones which best meet the test of "public interest, convenience or necessity." In a recent hearing before the District of Columbia Court of Appeals, the Commission stated that it will have to "effect a reduction in the number of certain types and classes of stations," and that "overcrowding exists in numerous communities." Commissioner Lafount, who has returned to Washington from a Western tour of inspection, is reported in the press as stating that "he is convinced that some weeding out is necessary, particularly in the regional group of stations." It is also a fact that five Pacific Coast stations are now operating under temporary permits and in danger of being refused renewals of license on October 31.

Hearings scheduled before the Commission during September, October and November effect practically all of our Southern California stations. Applications for increased power, for full time, for better channels, etc., by numerous stations naturally involve the rest of the stations. One station cannot increase it facilities without affecting some other station, except in the case of cleared channel broadcasters.

If the Commission is to rule fairly in these hearings it must apply the test required by law,—namely "public interest, convenience and necessity." The Commission has requested the Department of Commerce radio supervisors to furnish them with data relative to the public service rendered by the stations in each district. Where can such information be obtained more accurately than from the listeners themselves?

James Chapple, radio inspector of the Southern California district, is satisfied that the Radio Doings Survey is NOT a circulation boosting scheme, but that it constitutes an honest, unprejudiced survey of public opinion. He believes that the information thus obtained will be of value to his office and to Mr. Linden, the supervisor of this district; that it will be of material help in the compiliation of data to eventually reach the Commission. Radio Doings has no other motive than to render a service to Messrs. Linden and Chapple and the listening public. And since Messrs. Linden and Chapple and the listening public are appreciative of this service, we are content.

The Torpedoing of Merchant Vessels in the Mediterranean

By HALL BERRINGER

EDITOR'S NOTE: We have asked many of the old timers in radio to write of their early experiences, believing that these episodes will be of interest to our readers. The author of this story, Hall Berringer, is now branch manager for the Brunswick Company in the state of Washington.

Y experience with wireless, as it was called in the beginning, dates back to the coherer and the decoherer, followed by the electrolytic detector. In those days, wave-length was unknown, and everything was on a hit and miss basis.

I decided to go to sea when the war started, and joined the Navy in San Francisco as a first-class wireless operator. I was immediately assigned a position on the ship to shore traffic on Yerba Buena Island in San Francisco Bay. Spent about one month telegraphing at this United States Naval Station, with call letters NPG. After this time had elapsed I was offered a chance to go to Europe, and jumped at it. My commanding officer suggested that I go over to San Francisco and inspect two large vessels and pick out the one I liked best. One of these ships was a very large German passenger liner, and the other a smaller vessel, 420 feet long. After going over the radio equipment, I made my decision and took the smaller ship. In three days, after picking two good radio men to go with me, we sailed from San Francisco for Chile to load niter for France.

We were called back to San Francisco after being at sea for two weeks and were told to load flour for Bordeaux. Of course, none of us knew we were going to Bordeaux, except possibly the Captain; but found out later. We sailed under sealed orders. Arrived in Panama City about two weeks later and spent four days in this historical old city. Went through the Canal to Newport News, Virginia, where we took on guns.

After seven months of sailing across the Atlantic, carrying cargo and troops from New York to France, we received orders to load 340 troops and whole grain for Genoa, Italy. In a very slow convoy (8 knots) we made Gibraltar in thirty days. after zig-zagging all the way across the Atlantic. This convoy consisted of 36 ships. It so happens that during the war, Gibraltar was the place where convoys were made up for all points in the Mediterranean Sea; and after waiting here for a little over a week, we took our place in a convoy of 18 vessels and started for Genoa. We were warned by the United States Navy that certain parts of the Mediterranean were very dangerous.

Up to this time, on my trips across the Atlantic, I had copied four hundred and some odd S O S or distress signals from vessels that were either torpedoed or being fired upon by submarines.

We proceeded very cautiously and none of us seemed to be nervous because we had never seen any action. The sea was very calm, with hardly a breath of wind. Ideal weather for submarines and the work of torpedoing.

Our convoy was a very slow one, travelling not over 6 miles per hour. This slow speed was due to the fact that there were several very slow vessels among us, and a convoy was always as fast as the slowest ship. In two days we found ourselves just north of Cicily, in a part of the Mediterranean called the Gulf of Lyons. The British admiral in charge of the convoy signalled

all ships to be very cautious, and informed us that any lights on deck after dark would be fired upon by other ships. When I say fired upon, I do not mean with heavy guns, but with rifles.

It was a very beautiful evening, and between the hours of 5 and 8, just at twilight, was the ideal time for action because one could not see objects such as periscopes on the water. I had the 4 to 8 watch all during the war. About 7:45 one of the gun crew, a man named Lyons, came up to the wireless room, sat down, and we began to talk about a good many things. Naturally, a wireless room aboard ship is the place where all the scandal starts. At about 5 minutes to eight we were going along nicely. A very large British tramp steamer was about 1,000 feet on our right; and, by the way, these ships were going along much as soldiers march on parade, abreast of each other. I was seated there with the head phones on and my feet on the sill of the wireless room door. I don't know what made me do it, but I said, 'Lyons. do you think a torpedo makes much noise when it hits a ship?" He spoke up and said, "Well, Hall, I have never heard one go off, but I have an idea if one hit us we wouldn't sleep through it; I think it would wake us up." Just as he finished this sentence, the ship on our right, mentioned above, was nearly blown in ha!f. And believe me, that torpedo made plenty of noise. There was one man killed on this vessel, a fireman, and the ship went down in just exactly 7 minutes. It was a terrifying sight, and lots of excitement to go with it. As the cold water rushed into the hull and got to the boilers, the boilers exploded with a terrific crash, the ship leaned to starboard and went down bow first with the stern high in the air. Only one lifeboat was launched, the rest of the crew jumped into the water and swam to one of the vessels that was protecting us. This vessel happened to be a Pacific Coast yacht, known as the Venetia. This yacht was turned over to the Navy by Mr. Spreckles of this Coast during the war to be used for convoy purposes. Some 5 or 6 depth bombs were discharged by the Venetia, and all the vessels in the convoy manned the guns and certainly tried hard to see signs of a submarine, but without avail. During the war when a con-voy was attacked, and ships sunk, the rest of the convoy proceeded. The only difference being that the zig-zagging was increased so that a three-point bearing could not be taken by a submarine very easily.

I sat around on deck until about 9:30 P.M., and decided I should get a little sleep, so left my stateroom door open and lay down in a position where I could see about one-third of the other ships. At 9:35 the second ship was torpedoed, and this ship happened to be just astern and to the right of us. It took this ship about 8 or 9 minutes to go down, which she did with lights ablaze. We never could understand why the captain of that ship ordered all lights lighted. The lights of this ship could have been seen for many miles and could attract more of the enemy to us.

(Continuen on Page 16)

Torpedoing of Merchant Vessels SHORT WAVE NOTES in the Mediterranean

(Continued from Page 15)

News got around that the Admiral ship, which was just ahead of us and to our left, was loaded with T.N.T., and there happened to be another ship just to the right of us that was loaded with gasoline. Frankly, everyone on board our ship looked forward to a lot of excitement. About 1 o'clock I went to sleep, and when I awoke the next morning at 4 o'clock, found that there were only 3 ships left in the entire convoy. There were 18 ships in this convoy when it left Gibraltar. The strange part of the whole thing was that the 3 ships left were all American ships, and every British ship in the convoy had been torpedoed. During the night only 15 men lost their lives. No one had seen anything of a periscope, not even oil on the water that would point to where a submarine might have been, and it had been a bright moonlight night.

My watch was uneventful. Had a good breakfast at 8 o'clock, and went on deck to see if I could see any submarines. About 9 o'clock a submarine came to the surface a mile and a half off our port beam, and then the fun began. Our commanding officer gave orders to fire, which we did steadily for about 10 minutes, and at this time the submarine submerged. leaving nothing but the periscope showing. These three ships fired con-tinually for about one hour and a half at what they thought were periscopes. The little yacht, Venetia, was the only protection we had and she was equipped with two small guns and depth charges, but was somewhat handicapped due to the fact that she had all the crews, some 250 men, aboard her which slowed her down a good deal. About 11 o'clock orders were given to cease firing and the rest of the trip was uneventful.

Could go on for pages about convoys and the protection that was afforded them by the Allies, but let me say right here that many a Britisher admitted to me during the war the only time they felt safe was when their convoys were protected by American destroyers.

Dial Flashes

A world-wide network of radio stations is expected to be ready for the message of Pope Pius XI which will probably be broadcast sometime in November. The Vatican radio station is said to be practically completed. * .

Station WABC, New York, is still having great difficulty in securing a site for a new 50,000 watt transmitter. The spot selected in Passaic County, New Jersey, has been objected to from several sources.

Despite all that has been said on the subject, there are some broadcasting stations which just will not make announcements of some sort when it has been necessary to cancel a feature. Mostly the smaller stations are the guilty ones. * *

In England, several studios are used for a program, one for the actors, another for sound effects, still another for music, and the announcer has his own separate cabinet.

Contributed by WILLIS WERNER

Reception remains very poor. Periods of good and bad reception seem to occur over vast areas simultaneously; for example, one day I noticed reception was much improved; the Easterners came through like locals and England was heard from through G5SW. This same bright spot was noticed by correspondents in Ohio, Oregon and England, all reporting a sudden turn for the better on that day, showing this improvement was effective over a known area 6000 miles in extent. This should prove something or other.

And while on the subject of reception, I have received many complaints from fans, because they can't get England and Europe and do not understand why not; they see reports in the Eastern-published magazines of loud-speaker reception of distant foreigners, and letters from English fans telling of hearing W2XAF and the others.

The catch is this: We on the Pacific Coast are another 3000 miles farther away from these European stations. When you consider that we are nearly as far away from New York as is London, it puts a different light on matters. Whereas the Eastern fans who get loudspeaker reception from G5SW, et cetera, are only some 3000 miles from the stations, we are 6000 miles away and even in short-waves, an extra 3000 miles or so is a long way!

Bear in mind that when an Eastern fan hears London, or London hears New York, conditions are about the same as a Pacific Coast fan picking up New York, and don't cuss your set if it won't bring in trans-Atlantic reception like a local. When you pick up those sta-tions, you've got some REAL DX and their elusiveness adds to the thrill of the thing. In addition, at the present time we are passing through a period of unusually bad reception.

This afternoon, Sunday, Aug. 24, at 3:45 p.m., I logged a station new to me. Just under W2XAF. (who was relaying the Capitol Theatre program). I found a new carrier and this proved to be W1XAZ. They were carrying a NBC program, for William's Oil-O-Matic. W1XAZ is "owned and operated by the Westinghouse Electric Company," at East Springfield, Mass., and are listed as 31.35 meters with 10 kw power. Reception from W1XAZ was much weaker than from W2XAF and this might be expected as, according to my map, they are a hundred miles farther from us. Just under W1XAZ was another, still weaker carrier, which I was unable to tune in. Perhaps some one else identified this one today.

I wonder if W8XK on 25.25 meters wasn't using more power today. I heard them at 11:30 a.m., 12:30 noon and again during the afternoon and reception was much above what it has been from them, while other stations remained about the same as usual.

Short-wave fan E. F. Muenster, Portland, Oregon, writes:

"Maybe you could benefit by the experience that I had some time ago. I had a lot of noise in my set and after tearing it all apart and putting it back again, the noise was still there, and I finally found that it was coming from a bum grid leak."

Los Angeles, Calif. 900 Kc.—1000 Watts

Hollywood, Calif. 950 Kc.—1000 Watts

Culver City, Calif. 1000 Kc.—250 Watts

Hollywood, Calif. 1050 Kc.—5000 Watts

Los Angeles, Calif. 1120 Kc.--500 Watts

Inglewood, Calif. 1120 Kc.—500 Watts

1120 Kc.—500 Watts -Sabbath Sunrise and Symphony Or, -Sunday Morning Worship. -Dispensational Message. -Musical and Evangelistic Service. -Organ Recital.

Detailed Programs of Western Stations

The order of arrangement of the programs follows the dial strip beginning with 570 kilocycles, the lowest frequency station, straight up the dial to 1430, the highest frequency station. This arrange. ment was finally decided upon after much consideration because of the facility with which one can refer to the program and then the dial in systematic order from KMTR up to KECA.

SUNDAY, SEPT. 7

National Broadcasting Co., Inc.

- 9:00 a.m.- Bible Stories. 11:00 a.m.- The Friendly Hour. Religious prog. 12:00 noon- National Sunday Forum. Dr. R. W. 11:00 a. m. - The Friendly Hour. Religious prog.
 12:00 noon- National Sunday Forum. Dr. R. W. Sockman.
 1:00 p. m. - Sabbath Reveries. Religious talk and sacred music.
 2:00 p. m. - Catholic Hour. KECA.
 3:00 p. m. - Sunday Concert. Irving Kennedy, 4:00 p. m. - Catholic Hour. KECA.
 4:00 p. m. - Enna Jettick Melodies. Mme. Ernetine Schumann-Heink.
 4:00 p. m. - The Vagabouds. KECA.
 4:00 p. m. - David Lawrence Talk, "Our Government." KFL.
 5:00 p. m. - News Service.
 5:15 p. m. - Aduater Kent program. The Revelers Ourtet. KFL.
 5:15 p. m. - Mystery House. Melodrama.
 6:15 p. m. - Sunday at Seth Parker's. Informal gathering of neighbors.
 7:15 p. m. - Enter Kenters.
 7:15 p. m. - Hotel St. Franc's Salon Orchestra.
 8:00 p. m. - Cumar Johansen, pianist.
 9:00 p. m. - Cumar Johansen, pianist.
 9:00 p. m. - Cumar Johansen, pianist.
 9:00 p. m. - Cumar Johansen, Stale, KECA.

Columbia Broadcasting System

- System 8:30 a m.—International Broadcast. 8:45 a. m.—Jewish Art Program. 9:30 a. m.—The Aztecs. 10:00 a. m.—Paul Tronaine's Orch., Asbury Park 11:00 a. m.—Paul Tremaine's Orch., Asbury Park 11:00 a. m.—Paul Tremaine's Orch., Asbury Park 11:00 p. m.—The Coleder Totter. 1:00 p. m.—French Trio. 1:00 p. m.—The Globe Trotter. 3:00 p. m.—The Globe Trotter. 3:00 p. m.—The Colekett Mountaineers. 3:45 p. m.—The World's Business, Dr. Klein. 4:00 p. m.—Mayhew Lake's Band. 5:00 p. m.—Mayhew Lake's Band.

Hollywood, Calif. 570 Kc.—500 Watts

KMTR

- 12:00 uoon.-12:30 p. m.-1:00 p. m.-1:30 p. m.-2:00 p. m. 2:30 p. m.-4:30 p. m.-5:00 p. m.-

- AMIL
 570 Kc.—500 Watts

 7:00 a. m.—Selected Recordings.
 9:00 a. m.—John Driscoll's Musicland Revue.

 12:00 noon.—Victor Salon Orchestra.
 12:30 p. m.—New Releases of Red Seal Artists.

 1:00 p. m.—New Releases of Red Seal Artists.
 1:00 p. m.—Symphonic Jazz.

 2:30 p. m.—Popular and New Releases.
 2:30 p. m.—Hopular and Spanish Numbers.

 5:00 p. m.—Nevican and Spanish Numbers.
 5:00 p. m.—Novelty Vocal and Instrumental Se lections.
- lections.
- Selected Recordings.
- 5 :30 p. m. 6 :00 p. m. 6 :30 p. m.
- 5:30 p. m.—Selected Recordings.
 6:00 p. m.—Banjo Boys.
 6:30 p. m.—"From Behind the Footlights."
 7:15 p. m.—Hollywood Sweepstakes.
 7:30 p. m.—"Tene Poems."
 8:00 p. m.—"Talking Picture Song Hits.
 8:30 p. m.—"Moss-Covered Melodics."
 9:00 p. m.—S. C. Collegians.

9:30 p. m.—"Vibrant Melodies." 10:00 p. m.—"The Old and the New." 10:30 p. m.—"Howdy Songs." 11:00 p. m.—Records.

KFSD

KHJ San Diego, Calif. 600 Kc.—1000 Watts

9:00 p. m.— Rauch Hour. 10:00 p. m.— Readers Hour. 11:00 p. m.— Spizzerktum Club,

11:00 a.m.

5 :00 p. m. 6 :00 p. m. 5 :30 p. m. 7 :00 p. m. 8 :00 p. m. 9 :00 p. m. 10 :00 p. m.

KFWB

8:30 a.m. 9;00 a.m. 10:00 a.m.-10:30 a.m.-

KFVD

8:00 a.m.-11:00 a.m.-12:00 noou-

12:00 noon-1:00 p. m.-2:30 p. m.-3:00 p. m.-4:00 p. m.-4:30 p. m.-9:15 p. m.-11:00 p. m.-

KNX

10:00 a. m.-10:15 a. m.-11:00 a. m.-wood. 12:30 p. m.-1:00 p. m.-

KFSG

8:00 a. m.-10:30 a. m.-2:30 p. m.-6:30 p. m.-10:00 p. m.-

KMIC

12:30 p.m.-

Records

12:30 p. m.—Records.
4:00 p. m.—Records.
4:30 p. m.—Mann Brothers Orch,
11:00 p. m.—Records.
12:00 midnight – Louie Armstrong Orchestra.
2:00 a. m.—Jack the Bell Boy, Dawn Patrol.

900 Kc.—1000 Watts 8:00 a. m. Recordings. 8:30 a. m.—Come Into the Garden, from KFRC, 9:00 a. m.—Concert from KFRC, 11:00 a. m.—First M. E. Church of Los Angeles. 12:30 p. m.—Cathedral Half H. ur, CBS, 1:00 p. m.—French Trio, CBS, 1:30 p. m.—Rose Hill Memorial Park, 2:30 p. m.—The Globe Trotters, CBS, 3:00 p. m.—Columbia String Symphony, CBS, 3:00 p. m.—The Romd Towners, CBS, 3:00 p. m.—The Romd Towners, CBS, 3:00 p. m.—The World's Business," CBS, 4:40 p. m.—Cather The Towners, CBS, 4:45 p. m.—The World's Business," CBS, 4:45 p. m.—Columia Dames, 4:45 p. m.—Cather There, KFRC, 5:00 p. m.—Majestic Theatre of the Air, CBS, 6:00 p. m.—Anabesque,

-Majestic Theatre of the Air, C65, -Arabesque, -Prof. Lindsley and organ, -Melody Heur, KFRC, -Cadillac LaSalle Orch, KFRC, -Val Valente and Roof Garden Or, -World-wide News, courtesy Times, -Wald-vide News, courtesy Times, -Val Valente and Roof Garden Orch, -Wesley Tourtellotte, Organ Recital,

-The Funny Paper Man. -Late Recordings. -Mutual Building and Loan program.

1000 Kc.—250 Watts -Popular Recordings. -Harmony Hawaiians. -Turn-table Hour. -"Inspiration," Magazine of the Air. -Sacred Half Hour. -Auburn Hour. -Light Classics on the Organ. -Selected Recordings. -Sounderaft Studio program. -M Caiol. niano.

10:30 a, m. - Late Recordings.
1:00 p. m. - Contresy program.
1:30 p. m. - Double-header Baseball game, San Francisco vs. Los Angeles.
After Game-Late Recordings.
6:30 p. m. - Harry Jackson and Pig'n Whistle Entertainers.
7:00 p. n. - Burr MeIntosh, the Cheerful Philosopher.

7 (00 p. m. - barry -009 p. m. "Hearts Around the World." 00 p. m.—Emma Kimmel, soprano; Boris Kramarenko's Russian Ensemble. 00 p. m.—Bert Fiske's Dance Orchestra and

9.00 p. m.—Bert Fiske's Dance Orchestra a solists. 10:00 p. m.—George Olsen and his Music. 10:30 p. m.—Black and White Cab Company.

Al Cajol, piano.

9:00 a.m.—Musical program of recordings. 10:00 a.m.—Musical program. 10:15 a.m.– Musical program. 11:00 a.m.—First Presbyterian Church of Holly-

a. m.—rust rrespyterian Church of Holly-wood.
12:30 p. m.—Louise Johnson, astro-analyst.
1:00 p. m.—Watchtower I. B. S. A. program.
2:00 p. m.—Leo Fidler's Orchestra.
4:00 p. m.—Program of late recordings.
4:30 p. m.—First Radio Church of the Air.
5:30 p. m.—Dr. Ernest Holmes.
6:30 p. m.—Dr. Theodore Curtis Abel.
7:00 p. m.—Horse Fly and His Wranglers.
8:00 p. m.—First Presbyterian Church of Holly-wood.
9:00 p. m.—Calmon Luboviski, master violinist: Claire Mellonino, pianist: Rosalie Barker Frye.
10:30 p. m.—Broadcasting by remote control from Pantages Hollywood Theater.

Late Recordings

- San Diego, Call.

 600 Kc.—1000 Watts

 9:30 a.m.—Spensored program.

 10:30 a.m.—Studio.

 11:00 a.m.—Studio.

 12:00 noon.—Bay City Old-Time program.

 2:00 p.m.—Concert.

 2:30 p.m.—Organ recital.

 3:30 p.m.—NBC, Sunday Concert.

 4:00 p.m.—NBC, Final Jettick Melodies.

 5:00 p.m.—NBC, Sunday Concert.

 4:00 p.m.—NBC, Sunday at Seth Parker's.

 7:15 p.m._North American Ensemble.

 8:00 p.m.—SBC, Canna Jettick Melodies.

 8:15 p.m.—SBC, Canna Jettick Melodies.

 8:15 p.m.—Cene Perry.

 8:30 p.m.—HCR, Guinar Johanussen.

 9:10 p.m.—Program by remote control from Kennedy's Cafe.

KTAR

Phoenix, Arizona 620 Kc. 1000 Watts 10:10 p.m.-11:00 p.m.-

- KIAK 620 Kc. 1000 7:30 a. m. Pipe Organ Recital. 8:30 a. m. Cactus Brand Boys. 9:00 a. m. Special Recordings. 10:00 a. m. Mexican Church services. 11:30 a. m. Mexican Church services. 12:00 noon–Organ and Song Recital. 1:00 p. m. Sabhath Reveries. 2:00 p. m. Catholic Relegious Hour. 3:00 p. m. Catholic Relegious Hour. 3:00 p. m. Catholic Relegious Hour. 3:00 p. m. Enna Jettick Melodics. 4:15 p. m. Hand Jettick Melodics. 4:15 p. m. Half Hour of Hymns. 5:45 p. m. Mystery House. 6:15 p. m. KTAR Musical program. 6:45 p. m. KTAR Musical program.

- 5:45 p.m. Mystery flouse.
 6:15 p.m. KTAR Musical program.
 6:45 p.m. Seth Parker.
 7:15 p.m. Hotel St. Francis Orchestra.
 8:16 p.m. Fina Jettick Melodics.
 8:15 p.m. The Entertainers.
 8:30 p.m. Gunnar Johansen, pianist.
 9:00 p.m. Borden program.

KFI

11eink, 4:15 p. m.-5:15 p. m.-5:45 p. m.-6:15 p. m.-6:15 p. m.-7:15 p. m.-7:45 p. m.-8:15 p. m.-9:00 p. m.-

9;30 p. m. 19;00 p. m. 10:30 p. m. 11:00 p. m.

KMPC

KTM

Los Angeles, Calif. 640 Kc.-5000 Watts

Beverly Hills, Calif. 710 Kc.-500 Watts

Los Angeles, Calif. 780 Kc.—1000 Watts

Insurance prog.

640 Kc.—5000 Watts
 9:50 a. m.—Pryor Moore Orch., with Everton Stidham, baritone, and male quartet.
 10:50 a. m.—Third Church of Christ Scientist.
 12:10 p. m.—Karl Brandenburg, baritone.
 12:30 p. m.—Helen Guest, ballads.
 1400 p. m.—NBC—National Thrift Golden Hour, with Virginia Flohri, soprano, James Bur-roughs, tenor.
 2:00 p. m.—Sylvia's Happy Hour.
 3:30 p. m.—Icila Castberg, advanced thought.
 4:00 p. m.—NBC—Mme. Ernestine Schumann-Heink.

Acolian Organ Recital, remote, -Acolian Organ Recital, remote, -NBC-Atwater Kent Hour, -Melody Makers String Ensemble, -NBC-Studebaker Champions, -Maurine Dyer, contralto, -Durcell Mayer, violin recital, -Evelyn Snow, contralto, -Sarah Padden Players, -NBC-Borden Milk program, Iane Green and Ron Wilson, -Kellogg Shumber Hour, Pryor Moore, -Wally Perrin's Packard Dance Orch, -NBC-Blue Boys,

 710 Kc.—500 V

 9:00 a. m. — Piacific Employers' Insurance

 10:00 a. m. — Piaco Organ Recordings.

 11:00 a. m. — Piaco And Voice.

 12:00 noon.— Piano and Voice.

 12:30 p. m.—On the Shores of Hawaii.

 3:00 p. m.—Church of Latter Day Saints.

 4:00 p. m.—Red Scal Hour.

 5:30 p. m.—Dinner Hour Music.

 8:00 p. m.—Clever Mannes — Organ in Studio.

 9:00 p. m.—Cene Taylor—Piano Solos.

 10:00 p. m. —Beverly Hill Billies.

1 1vi 780 kc.-10
7:00 a m.-Bill Sharples and His Gang.
9:00 a m.- Watchtower, I. B. S. A.
10:00 p. m.-Watchtower, I. B. S. A.
10:00 p. m.-Organ Echoes.
2:00 p. m.-Santa Monica Band.
3:30 p. m.-Sacred Concett.
4:00 p. m.-Interesting Items.
4:30 p. m.-Salent.
5:00 8:00 p. m.-Silent.
8:00 p. m.-Santa Monica Band.

RADIO DOINGS

MONDAY, SEPT. 8

National Broadcasting

Co., Inc.

San Diego, Calif. 600 Kc.—1000 Watts

Phoenix, Arizona 620 Kc. 1000 Watts

Los Angeles. Calif. 640 Kc.-5000 Watts

Beverly Hills, Calif. 710 Kc.--500 Watts

9:00 p. m.--Star Reporter-Playlette, 9:30 p. m.—String Quintette. 9:30 p. m.—String Quintette. 10:30 p. m.—"The Old and the New." 10:30 p. m.—"Howdy Songs." 12:00 midnight—"8 Ball" and Charley Lung.

8:00 a.m.—Morning Musical. 9:00 a.m.—Good Cheer program. 9:15 a.m.—Morning Musical continued. 9:45 a.m.—Amy Lon Shopping Hour. 11:00 a.m.—Organ program, Jamie Erickson at

11:00 a. m.—Service Hour.
12:00 noon.—Organ program, Jamie Erickson at the console.
12:30 p. m.—Studio.
1:00 p. m.—NBC, Blue Boys.
2:00 p. m.—NBC, Blue Boys.
2:00 p. m.—NBC, Mormon Tabernacle Choir.
2:30 p. m.—NBC, Thil Cook.
3:34 p. m.—NBC, Half Hour in Nation's Capitol.
4:00 p. m.—NBC, Crime Prevention.
5:00 p. m.—SBC, Stromberg Carlson.
6:30 p. m.—NBC, Stromberg Carlson.
6:30 p. m.—NBC, The Troubadors.
7:30 p. m.—NBC, Mass Items.
6:00 p. m.—NBC, Mass Items.
7:00 p. m.—NBC, Stromberg Carlson.
6:30 p. m.—NBC, The Troubadors.
7:30 p. m.—NBC, Amos 'n' Andy.
7:45 p. m.—Cencert Quintette and soloist.
9:00 p. m.—NBC, Pacific Serenaders.
9:30 p. m.—NBC, Pacific Serenaders.
9:30 p. m.—Program by remote control from Kennedy's Cafe.
11:00 p. m.—Request program.

KTARPhoenix, A
620 Kc. 10007:00 a. m.—Farm Flashes, U. S. D. A.
7:30 a. m.—Pipe Organ Recital.8:30 a. m.—Cactus Brand Boys.
9:00 a. m.—Kadio Newspaper.10:00 a. m.—Aunt Helen's Home Ilints.
9:45 a. m.—Radio Newspaper.10:50 a. m.—Selected Recordings.10:50 a. m.—Selected Recordings.10:50 m.—Magazine of the Air.11:10 a. m.—Studio program.12:00 non.10:00 p. m.—Hule Boys Dance Band.2:00 p. m.—Mormon Tabernacle organ.2:30 p. m.—KAK's Variety program.3:30 p. m.—KAK's Variety program.3:30 p. m.—Hormon Tabernacle organ.3:30 p. m.—Musical program.3:30 p. m.—Horons KNBC.3:45 p. m.—In Storyland with Big Sister.4:00 p. m.—Blaron Keyes Air Castle.4:15 p. m.—Setted recordings.5:00 p. m.—Studio Varieties.6:00 p. m.—Studio Varieties.6:00 p. m.—Studio Varieties.6:00 p. m.—Clay Ramsey's Old Timers.3:30 p. m.—Arm of the Law.1:00 p. m.—Radio Newspaper.

KFI Los Angeles, Calif. 6430 a. m. —Opening stock market qootations, 6445 a. m.—Health Exercises, Louis Rueb. 7300 a. m.—Karl Brandenburg, popular songs. 8000 a. m.—Karl Brandenburg, popular songs. 8000 a. m.—Karl Brandenburg, popular songs. 9300 a. m.—Karl Brandenburg, popular songs. 9300 a. m.—Karl Brandenburg, popular songs. 9300 a. m.—Karlbeen Clifford, beauty talk. 9455 a. m.—Helen Guest, ballads. 10:15 a. m.—NBC—Josephine Gibson, speaker. 10:300 a. m.—NBC—Vonan's Magazine of the Air. 11:300 p. m.—Roh Lesson, Annette Doherty. 2:300 p. m.—Uconard Van Berg, tenor. 3:000 p. m.—Leonard Van Berg, tenor. 3:000 p. m.—Leonard Van Berg, tenor. 3:000 p. m.—The story man, Baron Keyes. 5:300 p. m.—Roh and Jimmy. 5:45 p. m.—Closing stock market quotations. 6:300 p. m.—Rok and Jimmy. 5:45 p. m.—Closing stock market quotations. 6:300 p. m.—NBC—Stromberg Carlson program. 6:300 p. m.—Anna and Oscar, character sketches. 7:15 p. m.—Loun Gordon, tenor. 8:000 p. m.—Anna and Oscar, character sketches. 7:15 p. m.—Loun Gordon, tenor. 8:000 p. m.—NBC—Shell program. 9:00 p. m.—NBC—Shell program. 9:00 p. m.—NBC—Shell program. 9:00 p. m.—Program of songs, Virginia Flohri. 9:15 p. m.—Laekard Concert Orch., Blanche Croosman. 11:00 p. m.—NBC—Hotel St, Francis Dance Orch.

Crossman, 11:00 p. m.- NBC-Hotel St. Francis Dance Orch,

7:00 a. m. - Recordings.
7:30 a. m. - Latin-American Half Hour.
8:00 a. m. - Pot O' Gold.
8:30 a. m. - American Prosperity Hour.
9:00 a. m. - A Little Bit of Everything.

KFSD

KTAR

KFI

KMPC

Sunday, Sept. 7 (Cont.)

KGFJ

- 1200 Kc.-100 Watts 12:00 midnight .- Night Owl Request program.

- 12:00 midnight.—Night Owl Request program. 7:00 a.m.—Recordings. 10:00 a.m.—Organ Recital. 11:00 a.m.—KGFJ Concert Orchestra. 12:00 noon.—KGFJ Symphonists: Allan Fairchild 10:00 p.m.—KGFJ Symphonists: Allan Fairchild 10:00 p.m.—KGFJ Symphonists: Allan Fairchild 10:00 p.m.—KGFJ Symphonist. Neuro Spirituals. 5:00 p.m.—Harmony Hawaiian Quartet. 5:00 p.m.—Glenn Edmunds' Orchestra. 7:00 p.m.—Recordings. 9:00 p.m.—Mosby's Dixieland Blue Blowers. 10:00 p.m.—Recordings.

KFXM

San Bernardino, Calif. 1210 Kc .--- 100 Watts

Los Angeles, Calif.

- 3:00 p.m.—Band Concert. 4:00 p.m.—Rev. Olsen's Bible Class. 5:00 p.m.—Album Hour.
- **KFOX**

Long Beach, Calif. 1250 Kc.—1000 Watts

- AFUA1250 Kc.−1000 watts5000 a. m.− The Early Bird.7:00 a. m.− Husic.8:00 a. m.− Fanily Circle Hour.8:00 a. m.− Fanily Circle Hour.9:00 a. m.− Clover Leaf program.9:00 a. m.− Old Time Music.10:00 a. m.− Angleis. Abbey Organ Recital.11:00 a. m.−-St. Luke Episcopal Church.12:30 p. m.−Musical Program, Birkel Music Co.1:00 p. m.−Hollywood Girls− Novelty Trio.2:00 p. m.−Memory Hour.

- 1:00 p. m. —Hollywood Girls Novelty Trio.
 2:00 p. m. —Memory Hour.
 3:00 p. m. —On with the Show.
 4:00 p. m. YA Moment with Patriarchs of Old."
 4:15 p. m. Organ Recital—Vera Graham.
 5:00 p. m. Len Nash and his Country Boys.
 6:00 p. m. The Nash and Clarence.
 6:30 p. m. Sunset Harmony Boys.
 7:00 p. m. Vera Graham and Harry Morton.
 8:00 p. m. Vera Graham and Harry Morton.
 9:00 p. m. Three Yagabonds.
 10:00 p. m. Organ Recital—Vera Graham.
 11:00 p. m. Seal Beach Marathon.
 12:00 midnight—Records.

Los Angeles, Calif. 1300 Kc.-1000 Watts

- KGEF
 1300 Kc.—1000 Watts

 8:30 a. m.—Morning Watch Quartet.

 9:30 a. m.—Radio Sunday School.

 10:00 a. m.—Claude L. Heskett.

 10:45 a. m.—Trinity Church.

 12:00 noon.—Signing off.

 4:00 p. m.—Lutheran Churches of Southern Calif

 4:30 p. m.—Dorothy Hankins and Associated Artists.

 5:00 p. m.—Vesper Hour.

 6:00 p. m.—Signing off.

 7:00 p. m.—Trinity Church.

KTBI

Los Angeles, Calif. 1300 Kc.-1000 Watts

6:00 p. m.—Studio Vesper Service. 8:00 p. m.—Church of the Open Door. 9:00 p. m.—Bible Institute After-Church Service.

- Long Beach, Calif. 1360 Kc.-1000 Watts KGER

 KGER
 Long Deach, Cani,

 1360 KC.-1000 Watts

 8:30 a.m.—M. E. Church, Long Beach.

 9:00 a.m.—Funny Paper Man.

 9:33 a.m.—Taubman s Men's Bible Class.

 11:00 a.m.—Calvary Church, Placentia.

 12:00 noom—Studio Orchestra and Singers.

 12:00 p.m.—Using Beach.

 12:00 p.m.—Calvary Church, Placentia.

 12:00 p.m.—Helene Smith, piano requests.

 2:00 p.m.—Using Beach Municipal Band.

 4:00 p.m.—Cathedral hour; organ, trio & soloist

 5:00 p.m.—Cathedral hour; organ, trio & soloist

 9:00 p.m.—Everett Hoagland's Troubadors.

 7:00 p.m.—Everett Hoagland's Troubadors.

 9:00 p.m.—Ho num organ duets; Helene Smith

 0:00 p.m.—Ho and organ duets; Telenet Smith

 0:00 p.m.—Ho Hum frolic and revue.

 11:00 p.m.—Everett Hoagland's Troubadors.

 Los Angeles, Calif. 1430 Kc.-1000 Watts KECA
- 1430 Kc.—1000 Watts2:00 p. m.—Catholic Services.3:00 p. m.—Etude Etheopian Chorns.3:30 p. m.—H-lenclair Dudley, pianist.4:00 p. m.—NBC—The Blue Boys.5:00 p. m.—NBC—David Lawrence. speaker.5:15 p. m.—Manly P. Hall, psychology.5:45 p. m.—Manny Stein and his orchestra.7:00 p. m.—NBC—Ennal ettick Melodies.8:09 p. m.—NBC—Ennal ettick Melodies.8:15 p. m.—Margaret Ruth Kernan, melodies.8:15 p. m.—Margaret Ruth Kernan, melodies.9:00 p. m.—KECA Symphonette, Raine Dennett.10:00 p. m.—NBC—Concert Jewels.

Co., Inc. 7:30 a.m.—Sunrise Serenaders, 8:00 a.m.—Financial Service program. 8:15 a.m.—Morning Melodies. 8:30 a.m.—Cross-cuts of the Day. 9:00 a.m.—Meet the Folks. 9:30 a.m.—Meet the Folks. 9:30 a.m.—Meet the Folks. 10:15 a.m.—Losephine B. Gibson, Food. KFI. 10:30 a.m.—Woman's Magazine of the Air. KFI. 11:30 p.m.—The Viagabonds. 2:00 p.m.—Matinee Time. 3:315 p.m.—The World Today. 3:30 p.m.—Pail Cook, the Quaker Man. KECA. 3:45 p.m.—Roxy and his Gang. 4:00 p.m.—Crime Prevention program. 5:00 p.m.—Crime Prevention program. 5:00 p.m.—Gen. Motors Family Party, KECA. 6:00 p.m.—Gen. Motors Family Party, KECA.

- 4:00 p. m.—Half Hour in the Nation's Capital. KECA.
 4:30 p. m.—Crime Prevention program.
 5:00 p. m.—Maytag Orchestra, music. KECA.
 5:30 p. m.—Cein. Motors Family Party. KECA.
 6:00 p. m.—Stromberg-Carlson prog. KFI.
 6:30 p. m.—Piano Capers.
 7:30 p. m.—The Troubadours.
 7:30 p. m.—The Pepsodent program. Amos 'n' Andy. KECA.
 7:45 p. m.—Iohn and Ned.
 8:00 p. m.—Rudy Seiger's Shell Symphonists. KFL.
 8:00 p. m.—The Arm of the Law.
 9:00 p. m.—The Arm of the Law.
 9:00 p. m.—Harp Harmony.
 10:30 p. m.—Harp Harmony.
 10:30 p. m.—Hot Spot of Radio.
 11:00 p. m.—Laughner-Harris Hotel St. Francis Dance Orchestra. KFL.

Columbia Broadcasting System

- System 8:00 a.m.—Columbia Revue. 8:30 a.m.—Manhattam Towers Orch. 9:30 a.m.—Harold Stern and Ambassador Orch. 10:00 a.m.—The Honoluluans. 10:30 a.m.—Columbia Educational Features. 11:00 a.m.—Columbia Salon Orchestra. 11:15 a.m.—Columbia Educational Features. 12:30 p.m.—The Merrymakers. 12:30 p.m.—The Merrymakers. 12:35 p.m.—Che Merrymakers. 12:35 p.m.—The Aztecs. 12:35 p.m.—The Aztecs. 12:35 p.m.—Current Events. H. V. Kaltenborn. 3:00 p.m.—Current Events. 3:00 p.m.—Current Events. 3:00 p.m.—Current Events. 3:00 p.m.—Current Events. 3:00 p.m.—Current I. Kongalians. 3:00 p.m.—Tesse Crawford. Poet of the Organ. 3:00 p.m.

KMTR

- Hollywood, Calif. 570 Kc.---500 Watts

- 570 Kc.—500 W 6:00 a.m.—"Wake Up, Chillun, Wake Up," 7:00 a.m.—Records, 8:05 a.m.—Records, 9:00 a.m.—Nayal Observatory Time, 9:00 a.m.—Nayal Observatory Time, -Stock Quotations, -Records, -Naval Observatory Time, -Mildred Kitchen, -Health Man, -Records,
- 9:00 a. m.-9:01 a. m.-9:15 a. m.-9:30 a. m.-
- 9:15 a. m.—Health Man,
 9:30 a. m.—Records.
 10:00 a. m.—Studio program,
 10:15 a. m.—Louise Howatt, Happiness Girl,
 10:30 a. m.—Dr. Haigh's Morning Screnaders,
 11:00 a. m.—Calloping Gophers,
 11:30 a. m.—Records,
 11:45 a. m.—Public and Civic Officials,
 12:100 noon,—'World in Review,"
 12:15 p. m.—Prosperity Hour,
 1:15 p. m.—Records,
 2:15 p. m.—Spanish program,
 3:00 p. m.—Records,
 4:00 p. m.—Pare Sisters,
 4:00 p. m.—Dare Sisters,
 4:30 p. m.—Recorts,
 5:15 p. m.—Drewitt Hagar program,
 5:145 p. m.—Bewitt Hagar program,
 5:15 p. m.—Bewitt Hagar program,
 5:145 p. m.—Belly Markowitz and his Jazzmaniaes,
 7:30 p. m.—Chamber of Commerce Talk,
 7:30 p. m.—Talking Picture Song Hits,

Ceptember 6

- 9:30 a.m.—The "Sam" program. 9:45 a.m.—Dan Maxwell—King of Scotland. 10:00 a.m.—The Ad-Visor. 10:30 a.m.—Studio IIalf Hour. 11:00 a.m.—Rollicking Radichers remote. 12:00 noon.— Dreamy Melodies. 12:00 n.m.—Rollicking Radichers.

- 12:00 non. Dreamy Melodies.
 12:00 non. Dreamy Melodies.
 12:00 p. m. Recordings.
 1:00 p. m. Gene Taylor, piano, in studio.
 1:30 p. m. Bob, Bunny and Junior.
 2:00 p. m. Classical and semi-classical program.
 2:30 p. m. Southern Melodies.
 3:00 p. m. U. S. C. Lectures remote.
 5:00 p. m. Larvard Furniture program.
 5:45 p. m. Harvard Furniture program.
 6:00 p. m. Leo Mannes Organ in Studio.
 8:15 p. m. The Groen and his Trio.
 9:00 p. m. U. S. C. Lectures.

KTM

- Los Angeles, Calif. 780 Kc.—1000 Watts
- K I M780 Kc. -1000 Watts6:00 a. m. Eye Opener.7:00 a. m. Bill. Sharples and His Gang.9:00 a. m. Bert's Best Bets.10:00 to 1:00 p. m. Silent.1:00 p. m. Organ Echoes.1:30 p. m. Inspirational Poetry.1:45 p. m. Powler's Fool for Though.2:30 p. m. Health Man.2:45 p. m. Leate Melodics.3:30 p. m. Health Man.3:30 p. m. Towler's Fool for Though.3:30 p. m. Health Man.3:45 p. m. Late Melodics.3:30 p. m. Tuneful Melodies.4:30 p. m. Tuneful Melodies.5:00-8:00 p. m. Silent.8:00 p. m. Charmers of History.9:00 p. m. Charmers of History.9:00 p. m. Spantalla's Whispering Screnaders.11:00 p. m. Spizzerinktum Club.12:00 midnight—Request Organ Program.

KHJ

- Los Angeles, Calif. 900 Kc.—1000 Watts
- 900 Kc.—1000 Watts
 7:00 a. m.—Recordings.
 7:30 a. m. Hallelujah.
 8:30 a. m.—Stock Exchange Reports.
 8:40 a. m.—Manhattan Towners Orch., CBS.
 9:15 a. m. Richardson's Music Lovers Shop.
 9:30 a. m.—Feminine Fancies, from KFRC.
 10:30 a. m.—Mert. Institute of Feod Products.
 10:45 a. m.—Elvia and Nell.
 11:30 a. m.—Yfer Your Information," CBS.
 12:00 noon Biltmore Hotel Concert Orch.
 12:30 p. m.—World-wide News, courtesy Times.
 12:45 p. m.—Normalizer Sales Syn., Recordings.
 1:40 p. m.—Manhattan Towers.
 1:30 p. m.—Happy-Go-Lucky Hour, from KFRC
 3:00 p. m.—Colonial Dames.
 3:15 p. m.—Colri Scouts.

- 10:30 a. m. 10:45 a. m. 11:15 a. m.-11:30 a. m.-

- 3:00 p. m.-3:15 p. m.-3:30 p. m.-

- 2000 p. m. Happy-GoLucky Hour, Hom KEKK 300 p. m. Colonial Dames.
 315 p. m. Grl Scouts.
 3130 p. m. Matthew Murray, Home Problems.
 3145 p. m. I. Robertson, talk on Dogs.
 4100 p. m. Intrig's Syncopatel History, CBS.
 4130 p. m. I. M. Warrington, "Termites."
 4135 p. m. Recordings.
 4140 p. m. Investment and Examining Service.
 4145 p. m. World-wide News, courtesy Times.
 4155 p. m. Town Topics.
 5100 p. m. Handard Furniture Co., Records.
 600 p. m. Hae and his Log Cabin.
 5130 p. m. Baulevard Furniture Co., Records.
 600 p. m. Hae and Fark Orch.
 5130 p. m. Lesse Crawford, CBS.
 7000 p. m. Hage World-wide Jark Orch.
 7130 p. m. Blue Monday Jamboree.
 1000 p. m. Karl Burtnett's Biltmore Hotel Or.
 12:00 midnight Wesley Tourtellotte, organ.

Hollywood, Calif.

- KFWB Hollywood, Calit, 950 Kc.—1000 Watts 8:30 a.m.—Dorothy Burnham, pianist; "The Ivory Twins;" Gus Mack, baritone. 10:00 a.m.—Prudence Penny Home Economic Ex-

- 10:00 a. m.—Prindence Penny frome Recording Expert.
 10:30 a. m.—Prindence Penny frome Recording Experima Miller, pianist.
 11:30 a. m.—Organ Recital.
 12:00 noon.—The Adventures of Tom and Wash.
 12:15 p. m.—Late Recordings.
 12:30 p. m.—Rose Valerie's Concert Ensemble.
 2:00 p. m.—Art Pabst and his Banjo in old-time songs.

- 2:00 p. m.—Art Fabst and fus bando in coefficiency songs.
 2:30 p. m.—Ann Grey, popular songs, accompanied by Don Warner.
 3:00 p. m.—Art and Artie.
 3:30 p. m.—Late Recordings.
 4:00 p. m.—Hare Recordings.
 4:00 p. m.—Hared Howard's Dance Band; Jean Cowan.
 6:00 p. m.—Wade Hamilton at the console of the Forum Theater Organ.
 6:30 p. m.—Harry Jackson and his Entertainers.
 7:00 p. m.—Cecil and Sally in "The Funniest Things."
- Things. 7:10 p.m.—KFWB Salon Orchestra.

7:30 p. m.- Sport Talk by R. W. Shirey.
7:45 p. m.-Program.
8:00 p. m.-"The Rubbernecks."
8:30 p. m.-"Thusical Portrait."
9:00 p. m.-KFWB Concert Orchestra.
9:30 p. m.-Tom Brenneman's "Radio Periscope."
10:00 p. m.-George Olsen and his Music.
11:00 p. m.-George Freeman's Orchestra from the Montmartre. Montmartre. 11:30 p. m.—Johnny Johnson and his Orehestra from Rocsevelt Hotel.

KFVD

Culver City, Calif. 1000 Kc.—250 Watts

Page Nineteen

 KGFJ
 Los Angeles, Calit. 1200 Kc.—100 Watts

 12:00 mminight.— Mosby's Dixieland Blue Blowers.
 1:00 a.m.— Night Owl Request program.

 7:00 a.m.— Goodwill program.
 8:30 a.m.— Coodwill program.

 8:30 a.m.— Coodwill program.
 9:00 a.m.— Recordings.

 0:00 a.m.— The Health Man.
 11:30 a.m.— The Health Man.

 12:00 noon.— Carroll Johnson, seng and piano.
 12:30 p.m.— Bob Holman's California Freshmen;

 13:0 p.m.— Bob Holman's California Freshmen;
 1:30 p.m.— Mary Maison, pianist,

 3:00 p.m.— Mary Maison, pianist,
 3:00 p.m.— Recordings.

 2:00 p.m.—Recordings.
 5:00 p.m.—Recordings.

 2:00 p.m.—Recordings.
 5:00 p.m.—Recordings.

5:00 p. m.—Occordings,
5:00 p. m.—Market Reports; Harmony Hawaiian Quartet.
6:00 p. m.—Glenn Edmunds' Orchestra from Elks Chib.

KFXM 7:00 a. m.—Early Bird Club. 8:00 a. m.—Old Time Program. 9:00 a. m.—Old Time Program. 9:00 a. m.—Californis Hotel Program. 9:45 a. m.—Late Records. 10:00 a. m.—R. S. Pearsall Co. 10:15 a. m.—Net Recordings. 10:30 a. m.—The Trading Post. 11:15 a. m.—News Reports. 11:30 a. m.—Cliizens Service Bureau. 12:00 noon—Organ Recital. 5:00 p. m.—Novelty Recordings. 5:30 p. m.—Hunt's Theatre Program. 5:45 p. m.—Evening Mail. 6:15 p. m.—News Reports. 6:45 p. m.—News Reports. 6:45 p. m.—News Reports. 6:45 p. m.—News Reports.

Studio program. «KFXM Sketch Book. «Studio program. «KFXM Carnival of the Air.

-The Early Bird, -Hello Everybody, -Early News Items, Press -Novelty Musical Numbers, -Bright and Early Hour, -Music

7:30 a. m.—Early News Items, Press-Telegram.
7:45 a. m.—Novelty Musical Numbers.
7:50 a. m.—Early Musical Numbers.
8:20 a. m.—Music.
9:00 a. m.—Beauty Talk—Mae Day Salon.
9:10 a. m.—Music.
10:30 a. m.—Organ Recital—Vera Graham.
11:00 a. m.—Roby Wray.
11:15 a. m.—Cline and Gene.
11:30 a. m.—News Reports, Press-Telegram.
11:45 a. m.—Cline and Gene.
11:30 a. m.—News Reports, Press-Telegram.
11:45 a. m. Steinway Duo Art.
12:30 p. m.—Beatrice Smith, Novelty Entertainer.
12:45 p. m. Musical Moments, Mart Dougherty.
1:00 p. m.—Bill and Coo.
1:30 p. m.—The Cherrio Boys.
1:50 p. m.—Dr. Harbottle, Doris and Clarence.
2:20 p. m.—Rolly Wray.
3:30 p. m.—Cherio Boys.
3:30 p. m.—Organ Recital, Vera Graham.
4:00 p. m.—Organ Recital, Vera Graham.
4:00 p. m.—Organ Recital, Vera Graham.
4:00 p. m.—Organ Recital, Vera Graham.
4:30 p. m.—Organ Recital, Vera Graham.
4:30 p. m.—Organ Recital, Vera Graham.
4:30 p. m.—Organ Recital, Vera Graham.
5:30 p. m.—Organ Recital, Vera Graham.
4:30 p. m.—Dretre Ynunes and Daisy Mae.
6:30 p. m.—Three Yagabonds.
7:00 p. m.—Three Yagabonds.
7:00 p. m.—Treatments of "Harmonions Suggestions" by Dr. J. F. Rausch.
9:00 p. m.—Teatments of "Harmonions Suggestions" by Dr. J. F. Rausch.
9:00 p. m.—Len Nash and His Country Boys.
9:00 p. m.—Len Nash and His Country Boys.
9:00 p. m.—Len Nash and His Country Boys.
9:00 p. m.—Earliete Smith, Novelty Boys.
9:00 p. m.—Earliete Minstrels.
9:00 p. m.—Earliete Smith Novelty Boys.
9:00 p. m.—Earliete Baltoom.
9:00 p. m.—Earliete Reach Marathon.
9:00 p. m.—Earliete Reach Marathon.
9:00 p. m.—Earliete Combaration.
9:00 p. m.—Earliete Reach Marathon.
9:00 p. m.—Earliete Re

NIDI1300 Kc.—1008:00 a. m.—Gospel Song requests.8:15 a. m.—Devotional Service.8:15 a. m.—Ira L. Eldridge Bible Class.9:15 a. m.—Recture.9:45 a. m.—Rev. L. A. Moon.10:35 a. m.—Music and Lecture.11:30 a. m.—Music.12:00 noon-Chimes.7:00 p. m.—C. A. Haskett.7:30 p. m.—Rev. Milo Jamison.8:00 p. m.—Musical program.9:00 p. m.—Musical program.

Lucky Seven Orchestra. -California Freshmen -String Quintet; Allan Fairchild. -Mosbys Dixieland Blue Blowers. -Organ Melodies. -Bob Holman's California Freshmen.

San Bernardino, Calif. 1210 Kc.-100 Watts

Long Beach, Calif. 1250 Kc.-1000 Watts

Los Angeles, Calif. 1300 Kc.—1000 Watts

Press-Telegram.

Chib, 7 :00 p. m.-8 :00 p. m. 8 :30 p. m.-9 :30 p. m.-10 :30 p. m.-11 :00 p. m.-

KFXM

 $\begin{array}{c} 12\,(00-n\,00n\,-\\ 5\,(00-p,\,m,-\\ 5\,(30-p,\,m,-\\ 5\,(35-p,\,m,-\\ 6\,(15-p,\,m,-\\ 6\,(15-p,\,m,-\\ 6\,(15-p,\,m,-\\ 7\,(00-p,\,m,-\\ 8\,(00-p,\,m,-\\ 9\,(00-p,\,m,-\\ 10\,(00-p,\,m,-\\ 10\,(00-$

KFOX

5:00 a.m.-7:00 a.m.-

7:50 a.m.-7:45 a.m.-7:50 a.m. 8:20 a.m.-9:00 a.m. 9:10 a.m.

KTBI

:30 a.m.

KFVD Curve c

RADIO DOINGS

7:15 a. m. — "Tep and Ginger exercises.
7:45 a. m. — "Home Folks" exercises.
8:00 a. m. — Inspirational talk and morning prayet
8:15 a. m. — Popular Recordings.
9:00 a. m. — Redio Shopping News.
10:00 a. m. — "Be Young and Be Happy."
10:30 a. m. — Home Economics talk given by Kate Vaught.

11:00 a. m.—Musical program.
11:15 a. m.—First Radio Church of the Air.
11:30 a. m.—Musical program.
11:45 a. m.—Program of popular recordings.
12:00 noon.— Hungarian Ensemble.
12:30 p. m.—Silver Slipper Cafe.
1:00 p. m.—Off the Air.
1:30 p. m.—Eddie Albright's reading of late ficture.

tion, 2:00 p. m. – "Tay," the Jingle Man, 2:30 p. m. – Program of popular recordings, 2:55 p. m. – Lost and Found Announcements, 3:00 p. m. – Word-O-Graphs,

2:55 p.m.—Lost and Pound Announcements.
3:00 p.m.—Worl-O-Graphs.
3:15 p.m.—Musical program. or recordings.
3:30 p.m.—Musical program.
4:00 p.m.—Gene Byrnes at Wurlitzer Studio Organ in the Hotel Ambassador.
4:30 p.m.—C. P. R.'s musical program.
5:00 p.m.—Talk on "Travel."
5:15 p.m.—"Big Brother Ken's Kiddie Hour."
5:45 p.m.—Town Crier's Timely Amusement Tips 6:00 p.m.—Frank Watanabe, the Japanese House Boy.
6:30 p.m.—Persenting the KNX Symphonette.
8:00 p.m.—Presenting the KNX Symphonette.
8:00 p.m.—Presenting the KNX Symphonette.
8:00 p.m.—Rio Grande Male Singers and the Piano Twins, Marc Golden and Ethel Kay.
9:30 p.m.—Rev. Ethel Duncan, the Question and Answer Lady.
10:00 p.m.—Hotel Ambassador: Gus Arnheim and His Orchestra.

Los Angeles, Calif. 1120 Kc.-500 Watts

Inglewood, Calif. 1120 Kc.—500 Watts

12:00 midnight. - Remote Madame Zucca's Cafe.

7:00 a.m.- Family Altar Hour. 10:00 a.m.- Sunshine Hour. 11:00 a.m.- Studio program.

Andy and Jack, Records, Health Man, "Zoro" astrolog

8:45 a. m.— Health Man.
9:00 a. m.— "Zoro," astrologist.
9:30 a. m.— Records.
12:00 noom- Radio News Reporter.
12:15 p. m.—Hi-Noon Varieties.
1:00 p. m.— I, atest Releases.
2:00 p. m.— Musical Comedy Selections.
3:00 p. m.— Novelty Numbers.
4:00 p. m.— Popular Dance Orch.
5:00 p. m.— Radio Round-Up."
8:30 p. m.— "Radio Round-Up."
8:30 p. m.— "Radio Round-Up."
8:30 p. m.— Records.
12:00 midnight -Louie Armstrong.
2:00 a. m.— Iack the Bell Boy, Dawn Patrol.

KFSG

KMIC

6:00 a.m. 8:00 a.m. 8:45 a.m. -Musical program.

KNX

6:45 a.m.-7:15 a.m. 7:45 a.m.-

Vaughn.

11:00 a. m.-11:15 a. m.-11:30 a. m.-

tion

Hollywood, Calif. 1050 Kc.—5000 Watts -"Earlybirds" exercises. -"Pep and Ginger" exer -"Home Folks" exercise

exercises.

Monday, Sept. 8 (Cont.)
KGER Long Beach, Calif. 1360 Kc.—1000 Watts
6 (00-a. m. — Morning-musicale, 6 (30-a. m. — Studio-varietics,
7:00 a.m. Sumrise exercise club, 7:30 a.m. Earl Judy, piano and organ, 9:00 a.m. Chick, Chet and Chuck, guitars and
voice. 10:00 a.m. – Women's hour and Helene Smith.
11:00 a.m Helene Smith, piano requests. 11:15 a.m Concert orchestra.
12:15 p. m. – Silent for 15 minutes, 12:30 p. m. – Peggy and Jerry skit, 12:45 p. m. – Ceed Fry, songs and piano,
1:00 p. m.—Allay Oop frolic. 2:00 p. m.—Organ requests, Dick Dixon.
3:00 p. m. — Orchestra and string trio. 4:00 p. m. — James orchestra and organ. 5:00 p. m. – Peggy Russell's Personality Girls.
6:00 p. mSilent for 15 minutes. 6:15 p. m. Senoritas string trio.
7:00 p. m.—Syncopators dance band. 7:30 p. m. –Organ. 8:00 p. m. – Cavaliers dance band and soloist.
8:55 p. m.—Long Beach news flashes.

- 8155 p. m.—Leong Beach news flashes.
 9:00 p. m.—Everett Hoagland's Troubadors.
 9:30 p. m.—Rhythm Makers dance (rehestra, 10:00 p. m.—Cavaliers dance orchestra, 11:00 p. m. Everett Hoagland's orchestra, 11:30 p. m. Organ recital, Dick Dixon.

Los Angeles, Calif. 1430 Kc.—1000 Watts

KE	0		ngeles, Calif.
NC	U	A 1430 Kc	-1000 Watts
3:00	р.	mKatherine Spangler, whis	tler.
3:15	р.	m.— Leonard Van Bert, popul	ar melodies.
-3:30	-р.	mNBC-Phil Cook, the Qu	aker man. –
3:45	р.	mSherman Lloyd, pianist.	
		m.—NBC—Half Hour, Natio	
-4:30	р.	m.—Eleanor Wells, popular n	ielodi es .
5:00	р.	mNBC-The Maytag Orch	estra,
		m.—NBC—General Motors F:	
6:00	р.	m. –Buster Wilson's Orchestr	a,
6:30	ju.	m.—Elton Hey's Virginia Bal	lroom Orch,
		m, —Yellow Cab Quartette, —	
		m,—NBC –Amos ⁴ N [*] Andy. –	
		mNBC-Cotton Blossom M	
		m, –Ray V a n Dyne's Orch, –	
10:00	р.	mJames Anderson, haritone	
10:30	p.	m.— Health Exercises, Louis-	Ruch,

TUESDAY, SEPT. 9

National Broadcasting Co., Inc.

- 7 :30 a.m. S 8:00 a.m. F 8:15 a.m. N 8:30 a.m. V 9:30 a.m. V 9:30 a.m. V 9:45 a.m. 1 0:00 a.m. V 11:30 a.m. V 11:30 a.m. V 11:30 a.m. V 12:00 p.m. 1 2:00 p.m. 1 2:45 p.m. 0 3:05 p.m. 1
- Surrise Serenaders, Financial Service program, -Morning Melodies, Cross-cuts of the Day, -Meet the Folks. William Don, comedian, The Entertainers, Color Harmony program, KFL, Woman's Magazine of the Air, KFI -NBC Philharmonic Organ Recital, -Pacific Vagabonds, Popular and in-al.

- 11:00 a. m.—XiX Primaritorine Organ Veeta.
 12:00 noon—Pacific Vagabonds, Popular and imstrumental.
 1:00 p. m.—Hotel Sir Francis Drake Orchestra.
 2:35 p. m.—Organ Concert.
 3:00 p. m.—Elæk and Gold Room Orchestra.
 2:35 p. m.—Organ Concert.
 3:00 p. m.—Elæk and Gold Room Orchestra.
 3:15 p. m.—Laws that Safeguard Society, KECA.
 3:30 p. m.—Phil Cook, Quaker Man, KECA.
 3:35 p. m.—Hotel St. Francis Salon Orchestra.
 4:45 p. m.—Hotel St. Francis Salon Orchestra.
 4:45 p. m.—Hotel St. Francis Salon Orchestra.
 4:30 p. m.—Hotel St. Francis Salon Orchestra.
 4:30 p. m.—Evercady program.
 5:30 p. m.—Evercady program.
 5:30 p. m.—Everning Reveites.
 7:30 p. m.—Evering Reveites.
 7:30 p. m.—The Pepsodent program. Amos 'n' Andy. KECA.
 8:00 p. m.—The Pepsodent program. Amos 'n' Andy. KECA.
 8:00 p. m.—Floreng Reveites.
 7:30 p. m. The Story Teller presents "The Phantom Ricksha".
 9:00 p. m.—Florsheim Frolie. Ansen Weeks and his orchestra. KECA.
 9:00 p. m.—Florsheim Frolie. Ansen Weeks and his orchestra. KECA.
 9:00 p. m. Elørsheim Frolie. Ansen Weeks and his orchestra. KECA.
 9:00 p. m. Horsheim Frolie. St. Francis Dance Orchestra. KFL.

Columbia Broadcasting System

8:00 a.m.—Columbia Revue, 8:30 a.m.—Manhattan Towers Orchestra,

RADIO DOINGS

Week of

Los Angeles, Calif. 640 Kc.—5000 Watts

Beverly Hills, Calif. 710 Kc.—500 Watts

3:30 p. m.—Phil Cook, NBC.
3:45 p. m.—In Storyland.
4:00 p. m.—Baron Keyes Air Castle,
4:15 p. m.—Studio Varieties.
5:20 p. m.—Cecil and Sally.
5:30 p. m.—House That Jack Built.
6:30 p. m.—Radio-Keith-Orpheum Hour.
7:00 p. m.—Wusical program.
8:30 p. m.—The Story Teller.
9:00 p. m.—Florsheim program.
9:30 p. m.—KTAR Variety program.
10:00 p. m.—Radio Newspaper.

KFI

KMPC

9:45 a. m. 9:45 a. m. 10:00 a. m. 10:30 a. m. 11:00 a. m. 12:00 noon.

 $\begin{array}{c} 12 :00 \ \text{m.com}, \\ 1:00 \ \text{p. m.}, \\ 1:30 \ \text{p. m.}, \\ 1:35 \ \text{p. m.}, \\ 2:00 \ \text{p. m.}, \\ 2:30 \ \text{p. m.}, \\ 3:00 \ \text{p. m.}, \\ 3:00 \ \text{p. m.}, \\ 3:00 \ \text{p. m.}, \\ 5:30 \ \text{p. m.}, \\ 5:30 \ \text{p. m.}, \\ 6:00 \ \text{p. m.}, \\ 8:15 \ \text{p. m.}, \\ 9:00 \ \text{p. m.}, \\ 1:60 \ \text{p. m.}, \\ 1:60$

KTM

Phoenix, Arizona

620 Kc. 1000 Watts

KFILos Angeles, Calif.
640 Kc.—5000 Watts0:30 a. m.—Opening Stock Market Quotations,
6:45 a. m.—Louis Ruch, Health Exercises,
7:30 a. m.—Gertrude Guselle, ballads,
8:00 a. m.—NBC Shell Happy Time,
9:00 a. m.—Wall Street financial news,
9:45 a. m.—Beatrice Mabie beauty talk,
10:00 a. m.—NBC—Color Harmony,
10:30 a. m.—NBC—Color Harmony,
10:30 a. m.—NBC—Color Harmony,
10:30 a. m.—NBC—Woman's Magazine of the Air,
11:30 a. m.—English Lesson, Artia Drew,
11:45 a. m.—Hules Garrison, the pas-er.by,
12:00 noon—U. C. & U. S. Dept, of Agriculture,
12:15 p. m.—Federal and State Market reports,
12:30 p. m.—Veft the air,
2:30 p. m.—Veft the air,
2:30 p. m.—Veft the air,
2:30 p. m.—Veft the air,
2:30 p. m.—Veft the story man.
1:00 p. m.—Off the air,
3:00 p. m.—Haramount Trio, popular music,
3:30 p. m.—Ur, H. Edward Myers, care of teeth,
4:15 p. m.—KF1 News Flashes,
4:40 p. m.—Big Brother Don,
1:00 p. m.—Hari Kars, baritone,
6:00 p. m.—Earl Kass, baritone,
6:00 p. m.—Earl Kass, baritone,
6:00 p. m.—Earl Kass, baritone,
6:30 p. m.—Veft Story man, Baritone and North
Tume: Arthur Lang, baritone and Nor

91 Crime. 9130 p. m.—Tom Terriss, vagabond movie director. 10:00 p. m.—Acolian organ recital. 11:00 p. m.—NBC—Hotel St. Francis Dance Orch.

7:00 a. m.—Wake Up, Sleepy Head,
7:30 a. m.—Latin-American program,
8:00 a. m.—Pot O' Gold,
8:30 a. m.—Prosperity Hour,
9:00 a. m.—A Little Bit of Everything,
9:30 a. m.—YSam,"
9:45 a. m.—Dan Maxwell -the King of Scotland,
10:00 a. m.—Kulick Bit of, Hour,
10:30 a. m.—Sundio Half Hour,
11:00 a. m.—Rollicking Radichers—remote,
12:00 noon.—Studio program,

KTM 750 Kc.-1000 Watts 6:00 a. m.—Eye Opener. 7:00 a. m.—Bill Sharples and His Gang. 9:00 a. m.—Bert's Best Bets. 0:00 to 1:00 p. m.—Silent. 1:00 p. m.—Organ Echoes. 1:30 p. m.—Inspirational Poetry. 1:45 p. m.—Laft Man. 2:00 p. m.—Fowler's Food for Thought. 2:30 p. m.—Health Man. 2:45 p. m.—Late Melodies. 3:00 p. m.—Spanish Program. 3:30 p. m.—Duecland Melodies. 4:30 p. m.—Tuneful Melodies. 4:30 p. m.—Tuneful Melodies. 5:00.8:00 p. m.—Silent. 8:00 p. m.—Bilent. 8:00 p. m.—Health Man. 1:00 p. m.—Enceland Melodies. 5:00.8:00 p. m.—Silent. 8:00 p. m.—Highlights. 9:00 p. m.—Banch Hour. 10:00 p. m.—Banch Hour. 10:00 p. m.—Spizzerinktum Club. 12:00 midnight—Request Organ Program.

Stuno Fran Hour,
Rollicking Radio liers—remote,
Studio program,
Gene Taylor—Piano in Studio,
Recordings,
Bob, Bunny and Junior,
Classical and semi-classical recordings
Studio program,
Popular Orchestra,
Away Down South,
Macmillan Hawaiian program,
Inst Kids' Club,
The Very Newest,
Latin-American program,
Organ program,
Organ program,
Chaucey and Mike,
Avera Products program,
Mystery Play -remote,
Listenwater and Gough,
Beverly Hill Billies,
Ray Howell—the And How Boy,

Los Angeles, Calif. 780 Kc.—1000 Watts

- Savoy Plaza Orchestra,
 The Metropolitans,
 The Aztecs,
 Columbia Ensemble,
 Columbia Educational Features,
 L. S. Army Band,
 Ann Leaf at the Organ,
 Rhythm Kings Dance Orchestra,
 Dancing by the Sea, Atlantic City,
 New World Symphony,
 The Creckett Mountaineers,
 Columbia Educational Feature,
 Jack Denny's Orchestra,
 The Melody Musketeers,
 Leggett program, 9:30 a.m.— 10:00 a.m.— 10:30 a.m.— 11:00 a.m.—
- 11:30 a.m. 12:00 noon
- р. ш.-р. ш.-1:00
- 1:30 p.m.
- :00 p. m. :00 p. m. 3.00
- p. m.
- ic m. b. m.
- 4:003-35
- p. m. p. m. 5.30
- 6:00 p. m.
- p. m.-p. m.-p. m.-6:15 7:15
- 7:15 7:30
- The Melody Musketeers,
 Leggett program,
 The Columbians,
 "Joe and Vi," Graybar program,
 Faramount Hours,
 The Vagabonds,
 Chicago Variety program,
 What's Wrong with This Picture,
 Nocturne,
- 8:00 p.m. 8:30 p.m.

KMTR

- Hollywood, Calil. 570 Kc.—500 Watts "Wake Up, Chillun, Wake Up."

- 8:05 a.m. 8:30 a.m. Records, Bess Kilmer, Helpful Hiuts,
- 8 :30 a. m. 8 :45 a. m.-
- 8:45 a.m.—Records. 9:00 a.m.—Mildred Kitchen, Home Economics.
- 9:15 a. m. 9:30 a. m.

- -Health Man, Records, Studio pregram, -Louise Howatt, Happiness Girl, -Dr, Haigh's Morning Se snade.s. -Galloping Gophers, -Damael Damael Studies,

- 9:30 a. m, 10:00 a. m, 10:15 a. m, 10:30 a. m, 11:00 a. m, 11:30 a. m, 11:45 a. m, 12:15 p. m, 2:15 p. m, 2:15 p. m, 4:00 p. m, 4:00 p. m, 5:15 p. m,

- 10:30 a. m. —Chr. Hagn's Morning Se Judie's.
 11:00 a. m. —Galloping Gohers.
 11:45 a. m. —Public and Civic Officials.
 12:00 non... "World in Review."
 12:15 p. m. —Prosperity Hour,
 11:15 p. m. —Prosperity Hour,
 11:15 p. m. —Prosperity Hour,
 11:15 p. m. —Brosperity Hour,
 11:15 p. m. —Prosperity Hour,
 11:15 p. m. —Brosperity Hour,
 11:15 p. m. —Brosperity Hour,
 11:15 p. m. —Brosperity Hour,
 11:15 p. m. —Bewitt Hagar program.
 5:15 p. m. —Dewitt Hagar program.
 5:15 p. m. —Dewitt Hagar program.
 5:45 p. m. —Talk on Fraff 2
 5:50 p. m. —Banjo Boys.
 6:30 p. m. —Banjo Boys.
 6:30 p. m. —Galloping Gophers.
 7:00 p. m. —Barbard Ballads."
 8:15 p. m. —Bechall Game from Wrigley Field.
 10:30 p. m. —Records.
 12:00 midmight = "8 Ball" and Charley Lung.

KFSD

KTAR

- San Diego, Calif. 600 Kc.-1000 Watts
- 8:00 a.m. 9:00 a.m.-

- Morning Musical Good Cheer program. Morning Musical continued. Amy Lou Shopping Hour. Service Hour. Organ program, Jamie Erickson at 8:00 a.m.
 9:00 a.m. Good
 9:15 a.m. Morning Additional State of the console
 11:00 a.m. Service Hour.
 12:00 noon. Organ program, Jamie Erness, the console.
 12:00 noon. NBC, Pacific Vagabonds.
 1:00 p.m. NBC, Hotel Sir Francis Drake Orch.
 2:00 p.m. Matinee Hour.
 3:00 p.m. Matinee Hour.
 3:00 p.m. Stade.
 4:15 p.m. French Lesson.
 4:15 p.m. Seeing San Diego with Cora Babbia
 State.

6:00 a. m. Y. M. C. A. Farly Morning Exercises.
7:00 a. m. Farm Flashes, U. S. D. A.
7:30 a. m. Pipe Organ Recital.
8:30 a. m. Cactus Brand Boys.
9:40 a. m. - Autur Helen's Home Hints.
9:45 a. m. --Radio Newspaper.
10:00 a. m. -- Studio brogram.
12:45 p. m.--Musical program.

12:45 p. m.—Musical program.
 1:00 p. m.—Hotel Sir Francis Drake Orchestra.
 2:00 p. m.—Black and Gold Room Orchestra.
 2:45 p. m.—Radio Newspaper.
 3:00 p. m.—Selected Recordings.

3:15 p.m.-Kathleen Stewart, pianist.

- 7.52 p. m.— seeing San Diego with Cora Babbitt Johnson.
 7.00 p. m.— Continuation of Popular Dance prog.
 5.145 p. m. Late News Items.
 6.00 p. m.— NBC, Westinghouse Salute.
 6.30 p. m.— NBC, RKO Hour.
 7.100 p. m.— Feature.
 7.135 p. m.— Onalitee Quartette.
 7.130 p. m.— KBC, Amos 'n' Andy.
 7.145 p. m.— Coreil and Sally.
 8.00 p. m.— San Diego Civie Symphony Orch.
 100 p. m. Parama by remote control from Kennedy's Cafe.
 11.00 p. m.— Request program.

RADIO DOINGS

Page Twenty-onc

Los Angeles, Calif.

1300 Kc.-1000 Watts

Los Angeles, Calif. 1300 Kc.—1000 Watts

Long Beach, Calif, 1360 Kc.—1000 Watts

Novelty Musical Numbers, Bright and Early Hour, Music, Beauty Talk, Mae Day Beauty Saloy, Music, David Matter and Saloy,

8:20 a. m. -Music.
9:00 a. m. Beauty Talk, Mae Day Beauty Salov.
9:10 a. m. -Music.
10:30 a. m. Organ Recital, Vera Graham.
11:00 a. m. Bentrice Smith, Novelty Entertainer.
11:15 a. m. -Cline and Gene.
11:30 a. m. -News Reports, PressTelegram.
11:45 a. m. Hollywood Girs.
12:45 p. m. Musical Moments, Mart Dougherty.
100 p. m. Cherrio Boys.
1:50 p. m. Doris and Clarence.
2:20 p. m. Rolly Wray.
2:30 p. m. Cherrio Boys.
1:50 p. m. Cherrio Boys.
2:30 p. m. Cherrio Hory.
2:30 p. m. Cherrio Boys.
3:30 p. m. Cherrio Boys.
3:45 p. m. -Today in History.
3:40 p. m. Press-Telegram Late News Reports.
4:45 p. m. Organ Recital, Vera Graham.
4:00 p. m. Press-Telegram Late News Reports.
4:45 p. m. Cheerio Boys.
5:00 p. m. Bill and Coo.
4:45 p. m. Cheerio Boys.
5:00 p. m. Vest Pocket Minstrels.
6:30 p. m. Vest Pocket Minstrels.
6:45 p. m. Dris and Clarence.
8:00 p. m. Suiver Spray Hawaiians.
7:45 p. m. Dris and Clarence.
8:00 p. m. Silver Spray Hawaiians.
7:45 p. m. Dris and Clarence.
8:00 p. m. Lamplit Honr.
9:00 p. m. Lamplit Honr.
9:00 p. m. Suiver Scray Latathon.
11:00 p. m. Bemett's Crystal Ballroom.
11:30 p. m. Majestie Ballroom.
12:09 midnight Seal Beach Marathon.
100 a. m. Records.

 1300 Kc.-1000 Watts

 6:00 p. m.-Poetry and Music Club.

 6:30 p. m.-W. W. Newberry.

 7:00 p. m.-Iohn Unfried, Radio Evangelist.

 7:15 p. m.-Woman's Civic Hour.

 7:45 p. m.-Jock McGilp.

 8.00 p. m.-Bob Shuler's Civic Hour.

 9:00 p. m.-South Park Christian Church Bereast.

reans, 9:30 p. m.—Torrance Methodist Church, 10:00 p. m.—Jess Blankenship, Old-Time Fiddlers.

1300 Kc.—100 - Gospel Seng Requests. Devotional Service. - Ira L. Eldridge Bible Class. Lecture. - Special Speaker. - Music. - Music. - China.

-Chimes. -Special Message and Music.

Musical melange, Sundio diversities, Smurise exercise club, Earl Judy, piano and organ, -Chick, Chet and Chuck, voice and

Work, Cher and Chuck, voice and
Women's hour and Helene Smith.
Helene Smith, piano requests.
Studio concert orchestra.
Silent for 15 minutes.
Pegg and Jerry skit.
Cecil Fry, songs and piano.
Alay Oop frolie
Organ requests, Dick Dixon.
Long Beach Municipal Band.
Morris-sey's orche ara and organ.
Pegg Russell's Personality Girls.
Silent for 15 minutes.
-Chick, Chet and Chuck, voice and

-Syneopators dance band. - Long Beach Municipal Band. Musi-cal gems program. Long Beach Sun news flashes. Everett Hoagland's Troubadors. Olympic fights, Los Angeles. Rhythm Makers dance orchestra. -Everett Hoagland's Troubadors, -Organ recital, Dick Dixon.

1430 Kc.—1000 Watts -Max Mellinger, musical memories, NBC - Laws that safeguard society, Sherman Lloyd, pianist. -Ballads on approval. -Carol Iohnson, piano and song. -lames Owen, tenor, -NBC - Hanov Wonder Bakers, -NBC - Westimehouse Salute, -NBC - Westimehouse Salute, -NBC - Westimehouse Salute, -NBC - Westimehouse Salute, -NBC - Akoo Hour, -Hollwood Hams, -R. O. Valentine, baritone, -NBC - Amos 'N' Andy,

Los Angeles, Calif. 1430 Kc.—1000 Watts

7:45 a.m. 7:50 a.m. 8:20 a.m. 9:00 a.m. 9:10 a.m.

KGEF

KTBI

8:00 a, m, -8:15 a, m, 9:15 a, m, -9:15 a, m, -10:35 a, m, -11:30 a, m, -12:00 n; con-1:00 p, m, -

KGER

6:00 a.m.-6:30 a.m. 7:00 a.m.

7:30 a.m.

 $\begin{array}{c} 7:30 \ a,\ m, \\ 9:00 \ a,\ m, \\ gutars, \\ 10:00 \ a,\ m, \\ 11:00 \ a,\ m, \\ 12:15 \ p,\ m, \\ 12:30 \ p,\ m, \\ 12:30 \ p,\ m, \\ 2:30 \ p,\ m, \\ 4:00 \ p,\ m, \\ 5:00 \ p,\ m, \\ 6:00 \ p,\ m, \\ 6:00 \ p,\ m, \end{array}$

6:00 p. m. 6:15 p. m.

6 (15 p. m. guitars, 7 (00 p. m. 7 (30 p. m. 8 (55 p. m. 9 (30 p. m. 9 (30 p. m. 10 (30 p. m. 11 (30 p. m.

11:30 p. m.

KECA

3:00 p. m. 3:15 p. m. 3:30 p. m.

3 ;30 p. m.-4 :00 p. m.-5 :00 p. m.-5 :15 p. m.-6 :00 p. m.-6 :30 p. m.-7 :00 p. m.-7 :15 p. m.-7 :30 p. m.-

KH	TT	Los Angeles. Calif.
I/I	LJ .	900 Kc1000 Watts
7:00	a. m. –	Recordings.
7:30	a. m.	Hallelujah.
8:30	a. m.	Stock Éxchange Reports.
-8;40	a. m. –	Manhattan Towers Orch., CBS.
9:30	a. m.	Feminine Fancies, from KFRC,
9:45	a. m.	National Pectin, from KFRC.
	a. m. –	Feminine Fancies, from KFRC.
10:30	a. m.	June and Nell.
11:00	a. m. –	Agnes White,
11:15	a. m. –	Safety Building & Loan Co.
11:30	a. m. –	For Your Information, CBS.
12:00	110011	Biltmure Concert Orchestra.
12(30)	p. m.	World-wide News, courtesy Times.
12:45	p. m. –	Los Angeles Adv. Club Luncheon.
-1:30	p. m.	Times Forum.
-2:00	p. m.—	Happy-Go-Lucky Hour, KFRC.
-3:00	p. m.	Clella Collins, Finance.
3:15	p. m. –	Safety Conference, talk.
3:30	p. m	Midn'ght Mission, talk,
	p. m.	U. S. C. Trojan Period.
	р. ш.	Siesta Hour.
	p. m.	World-wide News, courtesy Times,
		Fown Topics.
4:45	p. m. –	Leggett program, CBS.
		Seeing Southern California.
5:15		Police Commissioner Thorpe, talk.
5:30		Terpezone Company, Recordings,
6:00	p. m.	Graybar Electric, "Jo & Vi," CBS.
6:15	p. m.	Paramount Heur, CBS.
7:00	p. m.	Broadway Melodies,
7:30		
8:00	p. m	What's Wrong with This Picture?
8:30	p. m.—	S. & W. Forum.
9:30		Christian Sprotte's Little Symphony
10:00		World-wide News, courtesy Times,
10:05		Earl Buitnett's Biltmore Orch.
12:00	mang	ht Wesley Tourtellotte, organ.

KFWB

Hollywood, Calif. 950 Kc.-1000 Watts

Los Angeles Calif

KFWB 950 Kc.—1000 Watts
8:30 a. m. – Dorothy Burnhant in popular piano numbers.
10:00 a. m. – Organ Recital.
10:30 a. m. – Melody Boys Dance Band; Virginia Miller, pianist.
11:30 a. m. – Melody Boys Dance Band; Virginia Miller, pianist.
11:30 a. m. – Melody Boys Dance Band; Virginia Miller, pianist.
12:30 p. m. – Rose Valeric's Concert Ensemble.
2:00 p. m. – Billy Van, "Hollwood Playboy."
2:30 p. m. – Ann Grey, popular songs, accompanied by Don Warner.
3:30 p. m. – Late Recordings.
3:30 p. m. – Harold Howard's Dance Band; Jern Cowan, in popular songs.
6:00 p. m. – Harold Howard's Dance Band; Jern Cowan, in popular songs.
6:00 p. m. – Harry Jackson's Pig'n Whistle Entertainers.
7:00 p. m. – Cecil and Sally in "The Funniest Thimes".

- remainers, 7:00 p. m. Cceil and Sally in "The Funniest Things,"
- Things," 7:10 p. m. KFWB Salon Orchestra, 7:20 p. m.- "Gelden Days," Continuity by Kay
- Van Riper, 8 (00 p. m. Johnny Johnson and his orchestra, 8 (30 p. m. Strings and Bows): Vernon Rickard,
- tenor. tenor. 9:00 p.m. The Edgeworth Plantation Club, 9:20 p.m. The wa'n bout from the Olympic Auditorium, Los Angeles, 10:30 p.m. - Iohuny Tohnson and his Orchestra, 11:00 p.m. - George Freeman's Orchestra.

KFVD

- Culver Citv. Calif. 1000 Kc.—250 Watts

- KFVD For the second sec
- KNX

Hollywood, Calif. 1050 Kc.—5000 Watts

- **KNX** 1050 Kc.—5000 Watts 6:45 a. m.—"Earlybirds" exercises. 7:15 a. m.—"Pep and Ginger" exercises. 7:30 a. "Home Folks" exercises. 8:00 a. m. "Inspirational talk and morning prayer 8:15 a. m. Musical program of recordings. 8:30 a. m.—Clinic of the Air. 9:00 a. m.—Clinic of the Air. 9:00 a. m.—Edide Albright's Ten O'Clock Family 10:30 a. m.—Home Economics talk. 11:00 a. m.—Musical program of KNX Sympho-nette. 11:30 a. m.—Golden Rule Health Service. 11:40 a. m.—Musical program of recordings.

- 12:00 noon.—Kip Corporation, contrest program, 12:15 p. m. Musical program of recordings, 12:30 p. m. Silver Slipper Cafe, 1:00 p. m. -Off the Air. 1:30 p. m.—Eddie Albright's reading of late fietion, 2:00 p. m.-2:30 p. m.--"Jay." the Jingle Man. -The KNX Symphonette. Hiram and Simpson at Yapp's Cross 3:00 p. m. ing.
 3:15 p. m.— Musical program.
 3:25 p. m. Lost and Found Announcements.
 3:30 p. m.—Gene Brynes at the Wullitzer organ.
 4:30 p. m.—G. P. R.'s musical program.
 5:00 p. m.—Talk on "Travel."
 5:15 p. m.—Big Brother Ken's Kiddie Honr.
 5:45 p. m.—Town Crier's Timely Annuschent Tips
 6:00 p. m.—Pregram, presenting the KXX Trio.
 6:15 p. m.—Pregram, presenting the KXX Trio.
 6:15 p. m.—Popular Science talk by Dr. Mars Baumgardt. ing. 3 (15 p. m.-3 (25 p. m. 3 (30 p. m.-7:00 p. m. Popular Science (a), by Baumgardt.
 7:30 p. m. - Eugene Egloff, 'cellist; Theodore Kittay, teno; ; Elizabeth Prochl, accompanist.
 8:00 p. m. - Hose Fly and His Wranglers.
 9:00 p. m. - Hap and Sap, the Royal Vagadonds.
 9:30 p. m. Radio Detective.
 10:00 p. m. Hotel Ambassador; Gus Arnheim and His Orchestra.
 12:00 midnight. Mme. Zucca's Cafe.

KFSG

- 1120 Kc.-500 Watts 7:00 a.m.—Family Altar Hom. 10:00 a.m. Sunshine Hour. 11:00 a.m. Organ Recital.
- **KMIC**
- Inglewood, Calif. 1120 Kc.—500 Watts

Los Angeles, Calif.

- -Andy and Jack. Records. Health Man. "Zoro," astrologic
- 6:00 a. m. 8:00 a. m 8:45 a. m. 9:00 a. m.

- 8:45 a.m. Health Man.
 9:30 a.m. "Zoro," astrologist.
 9:30 a.m. Records.
 12:00 noon Radio News Reporter.
 12:15 p.m.—Hi-Noon Varieties.
 1:00 p.m. Latest Releases.
 2:00 p.m. Scleeted R cordings.
 3:00 p.m. "Meladies You Love."
 4:00 p.m. Popular Dance Orch.
 5:00 p.m. "Radio Round-Up."
 8:3: p.m. "Radio Round-Up."
 8:3: p.m. "Radio Round-Up."
 8:3: p.m. N: nn Brothers Orchestra.
 10:30 p.m. -Records.
 12:00 nidnight—Louise Armstrong Orchestra.
 2:00 a.m. Jack the B.d. Boy, Dawn Patrol.

- 2:00 a.m. Jack the B.II Boy, Dawn Patrol.
 KGFJ Los Angeles, Calif. 1200 Kc.-100 Watts
 12:00 midnight.-Mosby's Dixieland Blue Blowers.
 1:00 a.m.-Sight Owl Request program.
 8:00 a.m.-Organ Recital by Arch Fritz.
 9:00 a.m.-Studio Ensemble: George Cox, 'cellist 11:00 a.m.-Studio Ensemble: Acce Recordings.
 10:00 a.m.-Studio Ensemble: George Act, 'cellist 11:00 a.m.-Carrell Johnson, song and pano.
 12:00 noon.-Carrell Johnson, song and pano.
 12:00 p.m.-California Freshmen.
 13:00 p.m.-Gainsborough Trio: Beauty Talk.
 4:00 p.m.-Geordings.
 3:00 p.m.-Glein Edmind's Orchestra.
 7:00 p.m.-Bob Holman's California Freshmen.
 8:00 p.m.-Bob Holman's California Freshmen.
 8:00 p.m.-Bob Holman's California Ereshmen.
 9:00 p.m.-Bob Y's Dixieland Blue Blowers from Apex Night Club.
 10:00 p.m.-California Freshmen: Novelty Trios.
 - San Bernardino, Calif. 1210 Kc.-100 Watts

Long Beach, Calif.

1250 Kc.-1000 Watts

KFXM Early Bird Club. 1210 Kc.—100 Early Bird Club. Old Time Program, Select Recordings, California Hotel Program, Late Recordings, California Hotel Program, Late Recordings, B. S. Pearsall Co. Select Recordings, The Trading Post, News Reports, Organ Recital, Novelty Recordings, Hunt's Theatre Program, Evening Mail, —News Reports, A. G. McCrea Co. —Fire and Police Program, —Immie Summers' Blue Boys, Eagle Ballroem,

5:00 a.m. The Early Bird. 7:00 a.m. Hello Everybody. 7:30 a.m. Early News Items, Press-Telegram.

- 7:00 a.m. 8:00 a.m.
- 9:00 a. m. 9:30 a. m. 9:45 a. m. 10:10 a. m.

 $\begin{array}{c} 9:45 \mbox{ a. m.}\\ 10:70 \mbox{ a. m.}\\ 10:70 \mbox{ a. m.}\\ 10:30 \mbox{ a. m.}\\ 11:15 \mbox{ a. m.}\\ 11:15 \mbox{ a. m.}\\ 11:30 \mbox{ a. m.}\\ 12:09 \mbox{ noan}\\ 5:00 \mbox{ p. m.}\\ 5:30 \mbox{ p. m.}\\ 5:45 \mbox{ p. m.}\\ 6:15 \mbox{ p. m.}\\ \end{array}$

6:15 p. m.-6:30 p. m. 8:00 p. m.-8:30 p. m.-10:00 p. m.

KFOX

Page Twenty-two

Tuesday, Sept. 9 (Cont.)

7:45 p.m.—NBC —Sperry Sweethearts, 8:00 p.m.—Helen Guest, ballads, 8:30 p.m.—Nick Harris program, 9:00 p.m.—NBC –Florsheim Frolic, 9:30 p.m.—Ray Van Dine Oreh, Jean Dunn, 19:30 p.m.—Health Exercises,

WEDNESDAY, SEPT. 10

National Broadcasting Co., Inc.

- Co., Inc.
 7:30 a.m.—Sunrise Serenaders.
 8:00 a.m.—Financial Service program.
 8:15 a.m.—Morning Melodies.
 8:30 a.m.—Cross-cuts of the Day.
 9:00 a.m.—Meet the Folks.
 9:30 a.m.—Meet the Folks.
 9:30 a.m.—Meet the Folks.
 9:43 a.m.—Morning Glories.
 10:15 a.m.—Marty Hale Martin's Household Period. KFI.
 10:30 a.m.—Woman's Magazine of the Air. KFI
 11:30 a.m.—Evening Stars.
 12:00 noon—Radio Guild.
 1:00 p.m.—Series of Talks.
 1:15 p.m.—Breen and De Rose.
 1:30 p.m.—Tea Timers.
 2:00 p.m.—Whyte's Orchestra.
 2:35 p.m.—Whyte's Orchestra.
 2:35 p.m.—Whyte's Orchestra.
 2:35 p.m.—Whyte's Orchestra.
 2:35 p.m.—The Yagabonds.
 3:30 p.m.—The Yagabonds.
 3:30 p.m.—The Xagabonds.
 3:45 p.m.—Back of the News in Washington.
 William Hard.
 4:00 p.m.—East of Cairo. Dramatic sketch.

- 3:00 p. m.—Thé Vagabonds.
 3:30 p. m.—Thé Vagabonds.
 3:30 p. m.—Pail Cook, Quaker Man, KECA.
 3:45 p. m.—Back of the News in Washington, William Hard.
 4:00 p. m.—East of Cairo. Dramatic sketch.
 4:30 p. m.—Hotel St. Francis Salon Orchestra.
 4:45 p. m.—News Service.
 5:00 p. m.—Halsey-Stuart program, KECA.
 5:30 p. m.—Palmolive Hour, KECA.
 6:30 p. m.—Cocc Cela program, KECA.
 7:00 p. m.—Southern Harmony Four.
 7:50 p. m.—The Hot Spot of Radio.
 7:30 p. m.—The Pepsodent program, Amos 'n' Andy. KECA.
 8:00 p. m.—John and Ned.
 8:00 p. m.—Parisian Quintet, KECA.
 8:00 p. m.—Parisian Quintet, KECA.
 8:00 p. m.—Hill Billy Boys.
 9:00 p. m.—Hill Billy Boys.
 9:00 p. m.—Hill Billy Boys.
 9:00 p. m.—Miniature Biographies, Joaquin Murietta is featured.
 9:30 p. m.—Yir Frien' Scotty.
 10:30 p. m.—Yir Frien' Scotty.
 10:45 p. m.—Laughner-Harris Hotel St. Francis Dance Orchestra. KF1.

Columbia Broadcasting System

- System 8:00 a.m.—Columbia Revue. 8:30 a.m.—Manhattan Towers Orchestra. 9:30 a.m.—Harry Tucker's Hotel Barclay Orch. 10:00 a.m.—Columbia Little Symphony and solo. 11:30 a.m.—Columbia Little Symphony and solo. 11:30 a.m.—Columbia Educational Features. 11:30 a.m.—Columbia Educational Features. 11:30 a.m.—Columbia Grenadiers. 11:30 p.m.—Columbia Grenadiers. 11:45 p.m.—Coutotes. 14:5 p.m.—Coutotes.

KMTR

- Hollywood, Calif. 570 Kc,—500 Watts Wake Up, Chillun, Wake Up." 6:00 a.m.--"Wake Up, Chillun, Wake Up," -Records. -Records. - Mildred Kitchen. -Health Man. -Records. -Louise Howatt, Happiness Girl. -Dr. Haigh's Morning Screnaders. -Galloping Gophers. -Records. 7 :00 a. m.— 8 :00 a. m.— 8 100 a. m.— 8 105 a. m.— 9 100 a. m.— 9 115 a. m.— 9 30 a. m.— 10 115 a. m.— 10 115 a. m.—

- 11:00 a.m.—Gallopin 11:30 a.m.—Records.

RADIO DOINGS

Week of

Beverly Hills, Calif. 710 Kc.—500 Watts

Los Angeles, Calif.

780 Kc.-1000 Watts

Los Angeles, Calif. 900 Kc.—1000 Watts

4:30 p. m. -Big Brother Don.
5:00 p. m.—The story man, Baron Keyes.
5:30 p. m.—Haven Johnson, the melody man.
5:45 p. m.—Closing stock market reports.
6:00 p. m.—Xick Harris program.
6:30 p. m.—Sierra Male Quartet.
6:45 p. m.—Slavick String Trio.
7:00 p. m.—Luis Alvarez, Felipe Delgado.
7:30 p. m.—Lack Miller's paramount trio.
8:00 p. m.—Dane Rudhyar, composer.
9:15 p. m.—Janes Carden in "Emperor of Crime."

Crime." 9:30 p. m.—Paekard Concert Orch., Eva Olivotti. 10:00 p. m.—Gretchen Garrett, soprano, and con-cert orchestra. 11:00 p. m.—Hotel St. Francis Dance Orch.

10:00 a. m. — Fred Forrest.
11:00 a. m. — Rollicking Radiolicrs—temote.
12:00 noon. — Studio program.
1:00 p. m. — Gene Taylor—Piano in Studio.
1:30 p. m. — Bob, Banny and Junior.
2:00 p. m. — Classical and semi-classical recordings.
2:30 p. m. — Classical and semi-classical recordings.
3:00 p. m. — Classical and semi-classical recordings.
3:00 p. m. — Classical and semi-classical recordings.
3:00 p. m. — U. S. C. Lectures—remote.
5:00 p. m. — Latin-American program.
6:00 p. m. — Leto Mannes at the Studio Organ.
8:15 p. m. — Gene Leonard Studio program.
8:30 p. m. — Fred Forrest.
9:00 p. m. — Le Mannes.
4:00 p. m. — Lettire Madie.
1:00 p. m. — Lettire Forrest.
9:00 p. m. — Lettire Forrest.
9:00 p. m. — Lettire Forrest.
9:00 p. m. — Martich Radio.
1:00 p. m. — Ray Howell — the And How Boy.

K I IVI780 Kc.-1000 Watts6:00 a.m.—Eye Opener.7:00 a.m.—Bill Sharples and His Gang.9:00 a.m.—Bert's Best Bets.10:00 to 1:00 p.m.—Silent.1:00 p.m.—Organ Echoes.1:30 p.m.—Inspirational Poetry.1:45 p.m.—Powlar Tunes.2:00 p.m.—Fowler's Food for Thought.2:30 p.m.—Health Man.2:45 p.m.—Late Tunes.3:00 p.m.—Spanish Program.3:30 p.m.—Inspirational Melodies.4:30 p.m.—Enceland Melodies.4:30 p.m.—Chaneland Melodies.4:30 p.m.—Chaneland Melodies.4:30 p.m.—Bilent.8:00 p.m.—Silent.8:00 p.m.—Banch Hour.10:00 p.m.—Popular Concert.11:00 p.m.—Spizerinktum Club.12:00 midnight—Request Organ Program.

KHJLos Angeles, Cant.900 Kc.—1000 Watts7:00 a. m.—Recordings.7:30 a. m.—Hallelujah.8:30 a. m.—Stock Exchange Reports.8:40 a. m.—Kichardson's Music Lovers Shop.9:15 a. m.—Kichardson's Music Lovers Shop.9:30 a. m.—Feninine Fancies, from KFRC.10:30 a. m.—Kichardson's Music Lovers Shop.9:30 a. m.—Kichardson's Music Lovers Shop.10:45 a. m.—Log Cabin Bread, Agnes White.11:30 a. m.—Recordings.11:40 a. m.—Recordings.12:45 p. m.—Kiwanis Club Luncheon, Biltmore.13:00 p. m.—World-wide News, courtesy Times.12:45 p. m.—Kiwanis Club Luncheon, Biltmore.13:00 p. m.—Happy-Go-Lucky Hour.3:00 p. m.—Ines Forum.2:00 p. m.—Happy-Go-Lucky Hour.3:00 p. m.—Ines Notes.3:00 p. m.—Inea and Nell.4:30 p. m.—Inea and Nell.4:30 p. m.—Inea and Nell.4:30 p. m.—Gold Medal Fast Freight.5:30 p. m.—Gold Medal Fast Freight.5:30 p. m.—Gold Medal Fast Freight.5:30 p. m.—Romance of Fashions, Peggy Hamilten.6:30 p. m.—Prof. Chas. Lindsley, organ.

ilten. 6:30 p. m.—Prof. Chas. Lindsley, organ. 7:00 p. m.—Ballad Crooners. 7:30 p. m.—California Melodies. CBS. 8:00 p. m.—California Melodies. CBS. 8:00 p. m.—Claifornia Melodies. CBS. 8:30 p. m.—Demi-Tasse Revue, Geo. Olsen Orch. 9:00 p. m.—Ascot Races. 9:30 p. m.—Ascot Races. 9:30 p. m.—Vscot Races. 10:00 p. m.—World-wide News, courtesy Times. 10:05 p. m.—Earl Burtnett's Biltmore Orch. 12:00 midnight—Wesley Tourtellotte, Organ.

- Sam. Dan Maxwell—the King of Scotland, -Fred Forrest, -Rollicking Radiolicrs—remote.

7:00 a. m.— Wake Up, Sleepy Head, 7:30 a. m.— Latin-American program, 8:00 a. m. Pot O'Gold, 8:30 a. m. American Prosperity Hour, 9:00 a. m.—The Ad-Visor, 9:30 a. m.—The Ad-Visor,

'Sam

815 p. a 915 p. a Crime 29 p. i p. 11.-

KMPC

9:30 a. m. 9:45 a. m. 10:00 a. m. 11:00 a. m.

KTM

KHJ

11:45 a. m.—Public and Civic Officials, 12:00 noon.—"World in Review." 12:15 p. m.—Prosperity Honr. 1:15 p. m.—Old Records, 2:15 p. m.—Old Records, 2:15 p. m.—Spanish program, -Old Records, Spanish program, -Records, 3:00 3:00 p. m.—Records.
4:00 p. m.—Dare Sisters.
4:30 p. m.—Trading Post program.
5:15 p. m.—Dewitt Hagar program.
5:45 p. m.—Reporter of the Air."
6:00 p. m.—Banjo Boys.
6:30 p. m.—Galloping Gophers.
6:45 p. m.—Patrick Playing by Ear.
7:00 p. m.—Senator Rochester, speaker.
7:15 p. m.—Hollywood Sweepstakes.
7:30 p. m.—Taking Picture Song Hits."
8:15 p. m.—Beaball Game from Wrigley Field.
10:30 p. m.—Records.
11:00 p. m.—Records.
12:00 minght—'8 Ball" and Charley Lung. 3:00 p. m.-4:00 p. m. -"8 Ball" and Charley Lung. 12:00 midnight -

KFSD	San Diego, Calif 600 Kc.—1000 Watts
8:00 a.mMorning Music	al.
= 9:00 a.m.—Good Cheer pro	
9:15 a.mMorning Music	al continued.

- 9:15 a. m.—Morring Musical continued.
 9:15 a. m.—MBC, Betty Crocker.
 9:45 a. m.—MBC, Easier Housekceping.
 10:50 a. m.—SBC, Easier Housekceping.
 11:00 a. m.—Service Hour.
 12:00 noon.—NBC, Series of Talks.
 11:15 p. m.—NBC, Breen and De Rose.
 1:30 p. m.—NBC, Tea Timers.
 2:00 p. m.—Matinee Hour.
 2:30 p. m.—Organ recital, Dr. Humphrey J. Stewart at the conscle.
 3:30 p. m.—NBC, Phil Cook, the Quaker Man.
 3:45 p. m.—NBC, Back of the News in Washington. ington. ington, 4:00 p.m.—Operatic program, 6:00 p.m.—Late News Items, 6:15 p.m.—Feature, 6:30 p.m.—NBC, Coco-Cola p. 7:00 p.m.—Union Tribune Sat 7:30 p.m.—NBC, Amos 'n' An 7:45 p.m.—Cecil and Sally 8:00 p.m.—North American E. 8:00 p.m.—North American E. 4:00 p. m.—Operatic program.
 6:00 p. m.—Late News Items.
 6:15 p. m.—Feature.
 6:30 p. m.— NBC, Coco-Cola program.
 7:30 p. m.—NBC, Coco-Cola program.
 7:30 p. m.—NBC, Amos 'n' Andy.
 7:45 p. m.—Cecil and Sally
 8:00 p. m.—NBC, Miniature Biographies.
 9:30 p. m.—NBC, Camel Pleasure Hour.
 10:30 p. m.—PRC, Camel Pleasure Hour.
 10:30 p. m.—Procram by remote control from Kennedy's Cafe.
 11:30 p. m.—Request program.

Phoenix, Arizona

Los Angeles Calif. 640 Kc.—5000 Watts

1000 Watts

KTAR

- KTARPhoenix, Arizona
620 Kc. 1000 Watts7:00 a. m.—Farm Flashes, U. S. D. A.8:30 a. m.—Cactus Brand Boys.9:00 a. m.—Aunt Helen's Home Hints.9:45 a. m.—Radio Newspaper.10:00 a. m.—Blue Room Studio.11:10 a. m.—Magazine of the Air.11:10 a. m.—Blue Room Studio.11:10 p. m.—Breen and De Rose.1:30 p. m.—Breen in the Kennedy; Cummins Orch.2:35 p. m.—Bernie Cummin's Orchestra. NBC.2:45 p. m.—Batolio Varieties.3:00 p. m.—Studio Varieties.3:00 p. m.—Netholo Varieties.3:30 p. m.—In Storyland.4:00 p. m.—Baron Keyes Air Castle.4:15 p. m.—Franc Keyes Air Castle.4:15 p. m.—Franc Keyes Air Castle.4:15 p. m.—Forward Arizona Hour.5:00 p. m.—Forward Arizona Hour.9:00 p. m.—Forward Arizona Hour.9:00 p. m.—Radio Newspaper. 620 Kc.

KF1 640 Kc.—5000 Watts 6:30 a. m. – Opening stock market reports, 6:45 a. m. – Health exercises, Louis Rueh, 7:30 a. m. – Karl Brandenburg, ballads, 8:00 a. m. – KBC Shell Happy Time, 9:00 a. m. – Helpfu Hints to Housewives, 9:15 a. m. – Helpfu Hints to Housewives, 9:13 a. m. – KBC – Betty Crocker, speaker, 9:45 a. m. – Chester Foster Rand, tenor, 10:00 a. m. – Wall Street Financial News, 10:15 a. m. – NBC – Womari's Magazine of the Air, 11:30 a. m. – NBC – Womari's Magazine of the Air, 11:43 a. m. – French lesson, Annette Doherty, 12:45 p. m. – Federal and State Market reports, 2:30 p. m. – Warly State Market reports, 1:45 a. m. – Steine kisson, Annette Doherty, 1:45 p. m. – Federal and State Market reports, 1:45 p. m. – Carol Johnson, piano and song, 1:45 p. m. – Eddie Armstrong, ballads, 4:00 p. m. – Noreen Gammill, character sketches, 4:15 p. m. – KFI News Flashes.

KFI

KFWB

Hollywood, Calif. 950 Kc.-1000 Watts

- -The Los Angeles Breakfast Club. -Home Economic Expert. -Melody Boys' Dance Band; Virginia 8:00 a.m.— 10:00 a.m.— 10:30 a.m.—
- Miller, pianist, 11:30 a.m.—Orga 12:00 noon.— The
- edust. Organ Recital. The Adventures of Tom and Wash Records. Rose Valerie's Concert Ensemble. p. m. 12:30 p. m.
- 2:00 p. m. 4:00 p. m. Musical program, -Harold Howards Dance Band; Jean
- Cowan, 6:00 p. m. – KFWB Salon Orchestra; Emma
- Kimmel, soprano. 6:30 p. m.—Harry Jackson and Entertainers. 7:00 p. m.—Cecil and Sally in "The Funniest Things."
- Things.
- 7:10 p. m.—KFWB Salen Orchestra. 7:30 p. m.—Lovec Whiteman and Nelson Case. 7:45 p. m.—KFWB Salon Orchestra.
- 8:00 p. m.-
- -KFWB Salon Orchestra. -Lovee Whiteman and Nelson Case. -KFWB Salon Orchestra. -Seaboard Petroleum Corporation. -George Olsen and his Music. -KFWB Concert Orchestra and so-8:30 p. m.-9:00 p. m.-loists.
- loists.
 9:30 p. m.—"Racketeer"—continuity by Jack Joy
 10:00 p. m.—Johnny Johnson and his Orchestra.
 10:30 p. m.—George Olsen and his Music by remote control.
 11:00 p. m.—George Freeman's Orchestra.
- - Culver City, Calif. 1000 Kc.—250 Watts
- 6:00 a.m.-7:00 a.m.-9:00 a.m.-

- 9:30 a. m. 11:00 a. m.
- 1000 Kc.—250 Wat -Spanish program. -Happy-Go-Lucky Trio. -Piano Requests. -Zandra, Morning Psychologist. -Beauty Hour. -Burton Bennett, guitar and songs. -Waves of Happiness. -G. Allison. -Curriers Messenger. -Merchants Slogan Contest. -Auburn Half Hour. -Purchaser's Guide. -Drop-aline Contest. -Timely Tonics. -Health Talk. -Studio Orchestra. :00 noon
- 12:00 noon 12:30 p. m. 1:00 p. m.-2:00 p. m.-2:30 p. m. 3:00 p. m.-3:30 p. m.

KFVD

- 4:30 p. m. 5:45 p. m. 6:45 p. m.

- 9.75 p. m. Studio Orchestra.
 9.15 p. m. Studio Orchestra.
 10:00 p. m. In Old Mexico.
 11:00 p. m. Louie Armstrong, Cotton Club.
 12:00 midnight- Ballads Old and New, organ.

KNX

Hollywood, Calif. 1050 Kc.—5000 Watts

- 1050 Kc.—5000 Watts
 6:45 a. m.—"Earlybirds" exercises.
 7:15 a. m.—"Pep and Ginger" exercises.
 7:45 a. m.—"Home Folks" exercises given by Dr. P. M. Seixas.
 8:00 a. m.—Inspirational talk: morning prayer.
 8:15 a. m.—Program of late recordings.
 9:00 a. m.—Time Signals from Washington, D. C.
 9:00 a. m.—Time Signals from Washington, D. C.
 9:00 a. m.—Time Signals from Vashington, D. C.
 9:00 a. m.—Program of records continues.
 9:15 a. m.—Dorothy Chase and Charis Players.
 9:30 a. m.—Radio Shopping News.
 10:00 a. m.—Home Economics Department.
 11:00 a. m.—Musical program.
 11:15 a. m.—Beauty Secrets.
 11:30 a. m.—Musical program.
 12:00 non.—Musical program.
 12:01 non.—Musical program.
 12:15 p. m.—Recordings. 9:00 a. m. 9:00 a. m. 9:15 a. m. 9:13 a. m. 10:00 a. m. 10:30 a. m. 10:30 a.m.-11:00 a.m.-11:15 a.m.-11:30 a.m.-12:00 noon, 12:15 p.m. 12:30 p.m.-1:30 p.m. 1:30 p.m. tion,
- Mistear program. Recordings. -The Silver Slipper Cafe. -Off the Air. -Eddie Albright's reading of late fic-

- tion, "Plan," the Jingle Man.
 2:00 p. m. "Play," the Jingle Man.
 2:30 p. m.—Musical program.
 3:00 p. m.—Lost and Found Announcements.
 3:05 p. m.—Presenting the KNX Symphony and Wilda Bernard, soprano.
 4:00 p. m.—Gene Byrnes, presenting an organ program.
- brogram.
 4:30 p. m. -C. P. R.'s musical program.
 5:00 p. m.-Talk on "Travel."
 5:15 p. m.-Big Brother Ben's Kiddie Honr.
 5:45 p. m.-Town Crier's Timely Annuscement Tips
 6:00 p. m. -Presenting the KNX Trio.
 6:15 p. m. Frank Watanabe, the Japanese House Dom program.

- 6 :15 p. m. Boy, 6 :30 p. m. 7 :00 p. m.

- Boy, 6:30 p.m. Pantages Hollywood Theater, 7:00 p.m. Mr., and Mrs. Radio Skit. 7:30 p.m. Presenting Paramount Previews, 8:00 p.m. Bert Burerworth and His Mirdales, 8:30 p.m. Uorse Fly and His Wranglers, 9:00 p.m. Sherman Oaks Serenaders, 9:30 a.m. Rev. Ethel Duncan, Questions and Mission Market Science (2019)

- Answers -Hotel Ambassador: Gus Arnheim and
- 10:00 p. m.—Hotel Ambassador; Gus His Cocoanut Grove Orchestra. 12:00 midnight.—Mmc. Zucca's Cafe.

KFSG

- 7:00 a.m.—Family Altar Hour. 10:00 a.m.—Sunshine Hour. 11:00 a.m.—Organ Recital. 2:30 p.m.—Divine Healing Service.

- - Los Angeles. Calif. 1120 Kc.—500 Watts

RADIO DOINGS

Page Twenty-three

KGEF

KTBI

12:00 moon

KGER

guitars. 10:00 a.m. 11:00 a.m. 11:15 a.m.

Lindsay.

KECA

8:30 p. m. Moore.

7:30 a.m.-8:00 a.m.-8:15 a.m.-8:30 a.m.

10:35

6:00 p.m.-Mother Hubbard.

6:45 p. m.—Mother Hubbard. 6:45 p. m.—Miniature Aircrafters. 7:00 p. m.—Conrey Bible Class. 7:45 p. m.—Union Rescue Mission. 8:30 p. m.—Rev. E. E. Wall. 9:00 p. m.—Old Songs Quartet. 10:00 p. m.—Volunteers of America.

8:00 a.m.—Gospel Song Requests. 8:15 a.m.—Devotional Service. 8:45 a.m.—Ira L. Eldridge Bible Class. 9:15 a.m.—Music and Lecture. 9:45 a.m.—Prof. H. W. Kellogg. 10:35 a.m.—Rev. Frank Lindgren. 11:30 a.m.—Book Review, Mrs. Whitwell. 12:00 noo.—Chimes.

2:00 noon—Chimes. 1:00 p. m.—Special Messages and Music.

6:00 a.m.—Studio varieties. 7:00 a.m.—Sunrise exercise club. 7:30 a.m.—Earl Judy, piano and organ. 9:00 a.m.—Chick, Chet and Chuck, voice and

11:15 a. m. — Studio concert orchestra, Char Lindsay,
12:15 p. m. — Silent for 15 minutes.
12:30 p. m. — Peggy and Jerry skit.
12:45 p. m. — Cecil Fry, songs.
1:00 p. m. — Allay Oop frolie.
2:00 p. m. — Dick Dixon, organist.
2:30 p. m. — Long Beach Municipal Band.
4:00 p. m. — Long Reach Municipal Band.
4:00 p. m. — Peggy Russell's Personality Girls.
6:00 p. m. — Silent for 15 minutes.
6:15 p. m. — Senoritas string trio.
7:00 p. m. — Long Beach Municipal Band.
8:00 p. m. — Silent for 15 minutes.
6:15 p. m. — Senoritas string trio.
7:30 p. m. — Long Beach Municipal Band.
8:00 p. m. — Studio diversities.
8:55 p. m. — Long Beach Sun news flashes.
9:00 p. m. — Everett Hoagland's Troubadors.
9:30 p. m. — Rhythm Makers dance orchestra.
11:30 p. m. — Dick Dixon, organ recital.

 ALLOA
 1430 Kc.—1000 Watts

 3:00 p. m.—Harry Coe, popular melodies,

 3:30 p. m.—NBC—Phil Cook, the Quaker Man.

 3:45 p. m.—Sherman Lloyd, pianist,

 4:00 p. m.—Lydia Aldrich, soprano,

 4:15 p. m.—Happy Chappies, songs of tomorrow,

 4:30 p. m.—Eddle Armstrong, Weldrenov,

 5:00 p. m.—NBC—Halsey-Stuart program,

 5:30 p. m.—NBC—Coca-Cola program,

 7:30 p. m.—NBC—Coca-Cola program,

 7:00 p. m.—NBC—Coca-Cola program,

 7:00 p. m.—NBC—Coca-Cola program,

 7:00 p. m.—NBC—Coca-Cola program,

 7:00 p. m.—NBC—Cora-Cola program,

 7:30 p. m.—NBC—Anos N'Andy,

 7:45 p. m.—Otto Plotz, dialog songs,

 7:35 p. m.—WBC—Parisian Quintet,

 8:30 p. m.—WBC — Parisian Quintet,

 8:30 p. m.—WBC — Cora-t, Burger Planet

Moore, 9:30 p. m.—NBC—Camels Pleasure Hour, 10:30 p. m.—Health Exercises,

THURSDAY, SEPT. 11

National Broadcasting

Co., Inc.

8:15 a. m.—Arnonage
8:30 a. m.—Crossecuts of the Day.
9:00 a. m.—Meet the Folks.
9:30 a. m.—The Entertainers.
9:45 a. m.—Safeguarding the Nation's Food and Drug Supply.
10:00 a. m.—Woman's Magazine of the Air. KFI 11:00 a. m.—Woman's Magazine of the Air. KFI 11:00 a. m.—NBC Organ Recital.
12:00 noon—Hotel Sir Francis Drake Orchestra.
1:00 p. m.—Breen and De Rose.
1:30 p. m.—Bralads.
1:45 p. m.—Tea Timers.
2:00 p. m.—Black and Gold Room Orchestra.
2:30 p. m.—Daldes of Yesterday.
2:45 p. m.—Organ Concert.
3:30 p. m.—Phil Cook, Quaker Man. KECA.
3:45 p. m.—Ohid Fashioned Dance Band.
4:00 p. m.—Fleischmann Hour. Rudy Valle's Orchestra. KECA.

-Sunrise Serenaders. -Pinancial Service program. -Morning Melodies. -Cross-cuts of the Day. -Meet the Polks.

-Women's hour and Helene Smith. -Helene Smith, piano requests. -Studio concert orchestra, Charlie

Los Angeles, Calif. 1300 Kc.—1000 Watts

Los Angeles. Calif.

1300 Kc.-1000 Watts

Long Beach, Calif. 1360 Kc.—1000 Watts

Los Angeles, Calif. 1430 Kc.—1000 Watts

- **KMIC**
- Inglewood, Calif. 1120 Kc.-500 Watts

 - 12:00 noon-
 - 12:15 p. m.— 12:15 p. m.— 1:00 p. m.— 5:00 p. m.—
 - 6:00 a. m.— Andy and Jack. 8:00 a. m.—Records. 8:45 a. m.—Health Man. 9:00 a. m.— "Zoro," astrologist. 9:30 a. m.—Records. 12:00 noon—Radio News Reporter. 12:15 p. m.—Hi-Noon Varieties. 1:00 p. m.—Latest Releases. 5:00 p. m.—Cordon Smith's Radiotising Prog. 6:00 p. m.—Records.
 - 6:00 h.m.-Records

 - 6:00 p. m.—Records. 6:30 p. m.— "Radio Round-Up." 9:30 p. m.—Recv. Ethel Duncan, Questions and 10:30 p. m.—Records. 12:00 midnight—Lonic Armstrong Orchestra, 2:00 a. m.— Jack the Bell Boy, Dawn Patrol.

- Los Angeles, Calif. 1200 Kc.-100 Watts KGFJ

KFXM

KFOX

2150 a.m.-8120 a.m.-9100 a.m.-9110 a.m.-10130 a.m.-11100 a.m.-11115 a.m.-

- NUT[]1200 Kc.-100 Watts12:00 midnight—Mosby's Dixieland Blue Blowers.1:00 a. m.—Night Owl Request program.7:00 a. m.—Organ Recital by Arch Fritz.9:00 a. m.—Recordings.10:00 a. m.—Studio Ensemble : Allan Pairchild.11:00 a. m.—The Health Man.11:30 a. m.—Studio Ensemble : Allan Pairchild.11:00 a. m.—The Health Man.12:00 moon.—Carroll Johnson, song and piano.12:30 p. m.—Bob Holman's California Freshmen.1:30 p. m.—Corgan Recital by Arch Fritz.2:00 p. m.—Recordings.3:00 p. m.—Recordings.3:00 p. m.—Recordings.5:00 p. m.—Recordings.5:0

KFAM1210 Kc.-100 Watts7:00 a. m.—Early Bird Club.8:00 a. m.—Sunshine Hour, Rev. J. E. Freeman.9:00 a. m.—Scheet Recordings.9:03 a. m.—California Hotel Program.9:45 a. m.—Late Records.10:00 a. m.—B. S. Pearsall Co.10:15 a. m.—Scheet Recordings.10:30 a. m.—Chiter Records.11:30 a. m.—Ketter Recordings.12:30 noon—Organ Recital.5:30 p. m.—Novelty Recordings.5:30 p. m.—News Reports.5:35 p. m.—Evening Mail.6:15 p. m.—News Reports.6:30 p. m.—Select Recordings.

5:00 a.m.—The Early Bird. 7:00 a.m.—Hello Everybody. 7:30 a.m.—Lerly News Items, Press-Telegram. 7:45 a.m.—Novelty Musical Numbers. 7:56 a.m.—Night and Early Hour.

-Beauty Talk, Mae Day Beauty Salon.

Music

7:50 a. m.—Bright and Early Hour.
8:20 a. m.—Music.
9:00 a. m.—Beauty Talk, Mae Day Beauty Salon.
9:10 a. m.—Music.
10:30 a. m.—Organ Recital, Vera Graham.
11:00 a. m.—Beatrice Smith, Novelty Entertainer.
11:15 a. m.—Cline and Gene.
11:15 a. m.—Heatrice Smith, Novelty Entertainer.
11:15 a. m.—Cline and Gene.
11:35 a. m.—Hollywood Girls.
12:45 p. m.—Musical Moments, Mart Dougherty.
1:30 p. m.—Rotary Luncheon.
1:36 p. m.—HollyWood, Girls.
1:36 p. m.—Cherrio Boys.
1:50 p. m.—Dr. Harbottle, Ooris and Clarence.
2:20 p. m.—Roly Wray.
2:30 p. m.—Cherrio Boys.
3:15 p. m.—Today in History.
3:30 p. m.—Peress-Telegram Late News Reports.
4:30 p. m.—Press-Telegram Late News Reports.
4:30 p. m.—HollyWray in piano numbers.
4:30 p. m.—HollyWood Girls.
6:00 p. m.—Tem and Clem."
6:15 p. m.—Ferre Prunes and Daisy Mae.
6:33 p. m.—Erres Prunes and Daisy Mae.
6:34 p. m.—Sunset Harmony Boys.
7:15 p. m.—Sunset Harmony Boys.
7:15 p. m.—Erres And Abe.
7:30 p. m.—Senset Harmony Boys.
7:35 p. m.—Erres And Abe.
9:30 p. m.—Bers And Abe.
9:30 p. m.—Senset Harmony Boys.
1:31 p. m.—Erres And Abe.
1:30 p. m.—Erres And Abe.
1:30 p. m.—Erres And Abe.
1:30 p. m.—Seal Beach Marathon.
1:30 p. m.—Beand Baroom.
1:30 p. m.—Beand Recital Ballroom.
1:30 p. m.—Beand Recital Ballroom.
1:30 p. m.—Reard Recent Ballroom.
1:30 p. m.—Reard Ballroom.
1:30 p. m.—Reards Reard Marathon.
1:30 p. m.—Reards.

San Bernardino, Calif.

Long Beach, Calif. 1250 Kc.—1000 Watts

1210 Kc.--- 100 Watts

5:00 p. m. – Market Reports; Harmony Hawanan Quartet.
6:00 p. m. – Glenn Edmunds' Orchestra.
7:00 p. m. – Hucky Seven Orchestra.
8:00 p. m. – Boh Holman's California Freshmen,
8:30 p. m. – String Quintet; Allan Fairchild.
9:30 p. m. – Mosby's Dixieland Blue Blowers.
10:30 p. m. – Microphone Club Frolic.

RADIO DOINGS

Week of

Los Angeles, Calif.

900 Kc.-1000 Watts

Hollywood, Calif. 950 Kc.—1000 Watts

Culver City, Calif. 1000 Kc.—250 Watts

AFWD 950 Kc.-1000 Watts
8:30 a.m.-Dorothy Burnham, in popular piano numbers, "The Ivory Twins," Gus Mack.
10:00 a.m.-Organ Recital.
10:30 a.m.-The Melody Boys' Dance Band: Virginia Miller, pianist.
11:30 a.m.-The Melody Boys' Dance Band: Virginia Miller, pianist.
12:00 noon.-The Adventures of Tom and Wash.
12:15 p.m.-Louise Lynch, popular songs.
12:30 p.m.-Rose Valerie's Concert Ensemble.
2:00 p.m.-Musical program.
4:00 p.m.-Harold Howard's Dance Band; Jean Cowan in popular songs.
6:00 p.m.-Harold Howard's Dance Band; Jean Cowan in popular songs.
6:00 p.m.-Harold Howard's Entertainers.
7:00 p.m.-Harry Jackson's Entertainers.
7:00 p.m.-Cecil and Sally in "The Funniest Things."
7:10 p.m.-FWB Salon Orchestra

Things." 7:10 p. m.—KPWB Salon Orchestra. 8:00 p. m.—Johnny Johnson and his Orchestra. 8:30 p. m.— A detective story by Edward Mur-

9:00 p. m.— R. detective story by Edward Attr-phey.
9:00 p. m.—Boswell Sisters; KFWB Concert orch
9:30 p. m.— "An Old Tintype" continuity by Jack Joy.
10:30 p. m.—George Olsen and his Music.
11:00 p. m.—George Freeman's Orchestra from the Montmartre Cafe.

KFVD1000 Kc.-250 Wat6:00 a. m.-Spanish program.7:00 a. m.-Happy-Go-Lucky Trio.9:00 a. m.-Beauty Hints.9:03 a. m.-Zandra, Morning Psychologist.10:30 a. m.-Helpful Hints to Housewives.11:00 a. m.-Beauty Hour.12:00 noon-Burton Bennett, guitar and songs.12:45 p. m.-Dict Question Box.1000 p. m.-G. Allison.2:00 p. m.-Merchants Slogan Contest.3:00 p. m.-Merchants Slogan Contest.3:00 p. m.-Purchaser's Guide.4:30 p. m.-Drop-a-line Contest.5:45 p. m.-Diret.10:00 p. m.-Organ, J. Newton Yates.11:00 p. m.-Lonie Armstrong, Cotton Club.12:00 midnight-Ballads Old and New, organ.

Thursday, Sept. 11 (Cont.)

- 5:00 p. m. Arco Birthday Party. KECA.
 5:30 p. m. Maxwell House Einsemble. KECA.
 6:00 p. m. RCA Hour. KFI.
 7:00 p. m. Piano Capers.
 7:30 p. m. The Pepsodent program, Amos 'n' Andy, KECA.
 7:45 p. m. Standard Symphony Hour. KFI.
 8:00 p. m. B. A. Rolfe and his Lucky Strike Dance Orchestra. KECA.
 8:45 p. m. Balanced Blend Quartet. KFI.
 9:00 p. m. Piano Paintings.
 10:00 p. m. Pacific National Singers. KFI.
 10:30 p. m. Laughner-Harris Hotel St. Francis Dance Orchestra. KFI.

Columbia Broadcasting System

- System 8:00 a. m.—Columbia Revue. 8:30 a. m.—Manhattan Towers Orch. 9:30 a. m.—Harold Stern's Ambassador Orch. 10:00 a. m.—Quiet Harmonies. 10:30 a. m.—Columbia Ensemble. 11:30 a. m.—Columbia Ensemble. 11:30 a. m.—Columbia Ensemble. 11:30 a. m.—Columbia Educational Features. 12:00 p. on.—U. S. Navy Band. 1:00 p. m.—Daucing by the Sea. Atlantic City. 2:00 p. m.—Harry Tucker's Hotel Barclay Orch. 2:30 p. m.—Harry Tucker's Hotel Barclay Orch. 1:00 p. m.—Symphonic Interlude. 4:00 p. m.—Mardi Gras. 6:00 p. m.—Columbia Educational Features. 7:00 p. m.—Columbia Educational Features. 7:00 p. m.—Columbia Educational Features. 7:30 p. m.—Cuy Lombardo's Royal Canadians. 8:00 p. m.—Tremaine's Orch., Asbury Park. 9:00 p. m.—South American Music, from KHJ.

570 Kc.-500 Watts

San Diego, Calif. 600 Kc.—1000 Watts

- Hollywood, Calif. **KMTR** 6:00 a.m.--"Wake Up, Chillun, Wake Up." -Records, -Stock Ouotations, :00 a.m. 8:00 a. m.-8:05 a. m.-8:30 a. m.-9:00 a. m.-9:15 a. m.-9:15 a. m.-10:15 a. m.-10:30 a. m.-11:00 a. m.-11:30 a. m.-11:45 a. m.-8:00 a.m. -Stock Quotations, -Records, -Ress Kilmer, Helpful Hints, -Records, -Mildred Kitchen, j a. m.—Records.
 j a. m.—Medrd. Kitchen.
 j a. m.—Health Man.
 j a. m.—Records.
 j a. m.—Chese Howatt, Happiness Girl.
 j a. m.—Or. Haigh's Morning Serenaders.
 j a. m.—Or. Mord in Review."
 j p. m.—Prosperity Hour.
 j p. m.—Prosperity Hour.
 j p. m.—Old Records.
 j p. m.—Old Records.
 j p. m.—Old Records.
 j p. m.—Prosperity Hour.
 j p. m.—Prosperity Hour.
 j p. m.—Prosperity Hour.
 j p. m.—Old Records.
 j p. m.—Prosperity Hour.
 j p. m.—Barola Boys.
 j p. m.—Prosperity Hour.
 j p. m.—Pennant Collegians.
 j p. m.—Pennant Collegians.
 j p. m.—Pennant Collegians.
 j p. m.—Pare Sisters.
 j p. m.—Pare Sisters.
 j p. m.—Pare Sisters.
 j p. m.—Baseball Game from Wrigley Field.
 j p. m.—Baseball Game from Wrigley Field.
 j p. m.—Records.
 j p. m.—Records. :45 a. m. 2:00 noon 12:00 noon. 12:15 p. m.-1:15 p. m.-2:15 p. m.-3:00 p. m.-4:00 p. m.-4:30 p. m. 5:15 p. m. 6:00 p. m. 6:30 p. m. 7:00 p. m.
- Compton, 7:15 p. m.— 7:45 p. m.— 8:00 p. m.—

- 10:30 p. m.
- 11:00 p. m.—Rec 12:00 midnight-

KFSD

- 8:00 a. m.—Morning Musical. 9:00 a. m.—Good Cheer prog. am. 9:15 a. m.—Morning Musical continued. 9:45 a. m.—Amy Lou Shopping Hour. 11:00 a. m.—Service Hour. 12:00 noon.—Organ program, Jamie Erickson at

- 11:00 a.m.—Service Hour.
 12:00 noon.—Organ program, Jamie Erickson at the console.
 12:10 p. m.—NBC, Sir Francis Drake Orchestra.
 1:00 p. m.—NBC, Series of Talks.
 1:15 p. m.—NBC, The and De Rose.
 1:30 p. m.—NBC, The Ballads.
 1:45 p. m.—NBC, The Ballads.
 1:45 p. m.—MBC, Tea Timers.
 2:00 p. m.—MBC, Tea Timers.
 2:00 p. m.—MBC, Tea Timers.
 2:00 p. m.—MBC, Tea Timers.
 3:30 p. m.—Organ recital, Dr. Humphrey J. Stewart at the console.
 3:30 p. m.—NBC, Phil Cook, the Quaker Man.
 3:45 p. m.—French Lesson.
 4:15 p. m.—French Lesson.
 4:15 p. m.—Concert.
 6:00 p. m.—Concert.
 6:00 p. m.—Crauer's Trio with John Wells.
 7:30 p. m.—NBC, Amos 'n' Andy.

- 7:45 p. m.—Cecil and Sally,
 8:00 p. m.—NBC, Lucky Strike Orchestra,
 9:00 p. m.—NBC, Memory Lane,
 9:30 p. m.—NBC, The Olympians,
 10:00 p. m.—Program by remote control from Kennedy's Cafe,
 11:00 p. m.— Request program.
- 10:00 to 1:00 p. m.- Silent.
 1:00 p. m.-Organ Echoes.
 1:30 p. m.-Inspirational Poetry.
 1:45 p. m.-Popular Tunes.
 2:00 p. m.-Fowler's Food for Thought.
 2:30 p. m.-Health Man.
 2:45 p. m.-Late Melodies.
 3:00 p. m.-Spirish Program.
 3:30 p. m.-Danecland Melodies.
 4:30 p. m.-Theful Melodies.
 5:00-8:00 p. m.-Silent.
 8:00 p. m.-Musical program.
 9:00 p. m.-Frankie and Johnnie.
 10:00 p. m.-Frankie and Johnnie.
 11:00 p. m.-Spizzerinktum Club.
 12:00 midnight-Request Organ Program. Phoenix, Arizona 620 Kc. 1000 Watts KTAR 7:00 a. m.—Farm Flashes, U. S. D. A. 7:30 a. m.—Pipe Organ Recital. 8:30 a. m.—Caetus Brand Boys. 9:00 a. m.—Aunt Helen's Home Hints. 9:00 a. m. 9:45 a. m. 10:00 a. m. 11:00 a. m. Radio Newspaper. Blue Room Studio. Selected recordings Radio Revival. 12:00 noon-1:00 p. m. 1:15 p. m. Series of Talks. Breen and De Rose. Parson's Musical Trio.
 KHJ
 Los Angeles, Calif. 900 Kc. - 1000 Watts

 7.00
 a. m. - Recordings.

 7.30
 a. m. - Stock Exchange Reports.

 8.30
 a. m. - Stock Exchange Reports.

 8.30
 a. m. - Stock Exchange Reports.

 8.30
 a. m. - Hallelujab.

 8.30
 a. m. - Stock Exchange Reports.

 8.30
 a. m. - Handattan Towers Orch., CBS.

 9.30
 a. m. - Elvia and Nell.

 9.30
 a. m. - Elvia and Nell.

 9.30
 a. m. - Bafety Building & Loan Co.

 1.30
 a. m. - Four Your Information. CBS.

 1.30
 a. m. - World-wide News, courtesy Times.

 1.30
 p. m. - Hour Your Information. CBS.

 1.30
 p. m. - Hubry-Co-Lacky Hour, from KFRC

 1.30
 p. m. - World-wide News, courtesy Times.

 1.31
 p. m. - Mapper Co-Lacky Hour, from KFRC

 1.30
 p. m. - Mapper Co-Lacky Hour, from KFRC

 1.31
 p. m. - Manobile Club of So. Calif.

 1.30
 p. m. - Manoville.

 1.31
 p. m. - Manoville.

 1.32
 p. m. - Manoville.

 1.33
 p. m. - Manoville.
 </ :15 p. m. :30 p. m. KHJ -Parson's Musical Trio. -Parson's Musical Trio. -Black and Gold Room Orchestra. -Radio Newspaper. -Matinee Time. Phil Cook, NBC. -In Storyland. -Baron Keyes Air Castle. -Fleischmann Sunshine Hour. -Variaty correctom 1:45 p. m.-2:00 p. m.-2:45 p. m.-2:45 p. m.-3:00 p. m.-3:30 p. m.-3:45 p. m.-4:00 p. m.-4:00 p. m.-4 :00 p. m. -5 :00 p. m. -5 :20 p. m. -5 :20 p. m. -6 :00 p. m. -8 :00 p. m. -9 :00 p. m. -10 :00 p. m. Variety program. Cecil and Sally. -Ready's Ramblers. -Neado Varieties, -Lucky Strike Dance Orchestra, -Memory Lane, Radio Newspaper,
- Los Angeles, Calif. KFI 640 Kc.-5000 Watts

KMPC

- Beverly Hills, Calif. 710 Kc.-500 Watts
- 7:00 a.m.—Wake Up, Sleepy Head, 7:30 a.m.—Latin-American program, 8:00 a.m.—Pot O' Gold.
- 8:30 a. m.— 9:00 a. m.— 9:30 a. m.— 9:45 a. m.—
- -Pot O' Gold. American Prosperity Hour, Recordings. "Sam," Dan Maxwell—the King of Scotland, The Ad-Visor, Rollicking Radioliers—remote, Studio program, Gene Taylor—Piano in Studio, Recordings
- 10:00 a.m.— 11:00 a.m.— 12:00 noom.—

- 11:00 a. m. Rollbeking Radiohers—remote.
 12:00 noon. Studio program.
 1:00 p. m. Gene Taylor Piano in Studio.
 1:30 p. m. Recordings.
 1:45 p. m. Bob, Bunny and Junior.
 2:00 p. m. Classical and semi-classical recordings.
 2:30 p. m. Studio program.
 3:00 p. m. Southern Melodics.
 3:30 p. m. An Afternoon in Spain.
 4:00 p. m. Macmillan Tour.
 4:30 p. m. Macmillan Tour.
 4:30 p. m. Macmillan Hawaiian program.
 5:00 p. m. Latin-American program.
 6:00 p. m. Latin-American program.
 8:00 p. m. Latin-American Organ Recital.
 8:15 p. m. Channeey and Mike.
 8:30 p. m. Lohn Te Groen's Trio and Orchestra.
 10:00 p. m. Beverly Hill Billies.
 11:00 p. m. Ray Howell—the And How Roy.
- KTM
- Los Angeles, Calif. 780 Kc.-1000 Watts
- 6:00 a.m.—Eye Opener. 7:00 a.m.—Bill Sharples and His Gang. 9:00 a.m.—Bert's Best Bets.

KFWB

KFVD

Thursday, Sept. 11 (Cont.)

KNX

Hollywood, Calif. 0 Kc.—5000 Watts 1050 Kc.-

- "Earlybirds" exercises. "Pep and Ginger" exercises. "Home Folks" exercises. -"Inome Folks" exercises. -Inspirational talk and morning prayer -Musical program, Golden Rule Health Service. -Radio Shopping News. -"Be Young and Be Happy." Home Economics talk. Musical program of recordings. -Gene Byrnes picks Scraps from the iasket. 6:45 a. m. 7:15 a. m. 7:45 a. m. 8:00 a.m.
- 8:15 a.m.
- 9:00 a. m. 9:15 a. m. 9:30 a. m.
- 10:00 a.m.
- 10:30 a.m. 11:00 a.m. 11:30 a.m.

- Lessons. 3:00 p. m.—Musical program. 3:30 p. m.—Stock Market, Lost and Found. 3:35 p. m.—Louise Johnson, astro-analyst. 4:00 p. m.—G. P. R.'s nusical program. 5:00 p. m.—Talk on "Travel." 5:15 p. m.—Big Brother Ken's Kiddie Hour. 5:45 p. m.—The KNN Trio. 6:15 p. m.—The KNN Trio. 6:15 p. m.—Frank Watanabe, the Japanese House Boy. 6:15 p Boy.
- 6:30 p.m.- Gene Byrnes at the Wurlitzer Studio
- Organ, 7:00 p. m.—Program, presenting Laf-O-Graphs, 7:30 p. m.—Bill Hately's String Quarter and Peggy Matthews, nopular singer, 8:00 p. m.—Horse Fly and His Wronglers, 9:00 p. m.—Freesenting "The Nomeds" 9:30 p. m.—The KNN Trio and Theodore Kittay 10:00 p. m.—Hotel Ambassador; Gus Arnheim and His Orchestra, 12:00 midnight, Madame Zucca's Cafe. Organ.

Los Angeles, Calif. 1120 Kc.—500 Watts

- 7:00 a.m.—Family Altar Hour. 10:00 a.m.—Sunshine Hour. 11:00 a.m.— Organ Recital. 2:00 p.m.—Studio program. 3:00 p.m.—Bethesda Hour. 4:00 p.m.—Mater Baptismal Service and Sym-aboux Orchestra. :30 p. m.—Water phony Orchestra,

KMIC

KFSG

- 6:00 a. m.—Andy and Jack. 8:00 a. m.—Records. 8:45 a. m.—Health Man. 9:00 a. m.—"Zoro," astrologist.

- 8:45 a. m.—Health Man.
 9:00 a. m.—"Zoro," astrologist.
 9:30 a. m.—Records.
 12:00 noon—Radio News Reporter.
 12:15 p. m.—Hi-Noon Varieties.
 1:00 p. m.—Latest Releases.
 5:00 p. m.—Records.
 6:30 p. m.—Records.
 6:30 p. m.—Records.
 12:00 midnight—Lonie Armstrong.
 2:00 a. m.—Jack the Bell Boy, Dawn Patrol.

Los Angeles, Calir. 1200 Kc.—100 Watts

Inglewood, Calif. 1120 Kc.—500 Watts

- KGFJ

- Los Angeles, Calit. 12:00 midnight.—Mosby's Dixieland Blue Blowers. 1:00 a. m.—Night Owl Request program. 7:00 a. m.—Goodwill program. 8:30 a. m.—Organ Recital by Arch Fritz. 9:00 a. m.—Studio Ensemble; Jerry Joyce. 11:00 a. m.—Catroll Johnson, song and piano. 12:30 p. m.—Carroll Johnson, song and piano. 1:30 p. m.—Organ Recital by Arch Fritz. 2:00 p. m.—Les Ilite and Ilis Famous Emancipators. 3:00 p. m.—Gainsborough Trios P.
- pators. 3:00 p. m.—Gainsborough Trio; Beauty Talk. 4:00 p. m.—Recordings. 5:00 p. m.—Market Reports; Harmony Hawaiian Quartet.
- 6:00 p. m. –Glenn Edmunds' Orchestra from Elks Club.
- Club. 7:00 p. m.—Lucky Seven Orchestra. 8:00 p. m.—California Freshmen from Oaks Tavern. 8:30 p. m.—String Quintet; Allan Fairchild. 9:30 p. m.—Mosby's Dixieland Blue Blowers. 10:30 p. m.—Organ Melodies. 11:00 p. m.—California Freshmen; Novelty Trios.

B. S. Pearsall Co. -Select Recordings. -The Trading Post. News Reports. -Citizens Service Burean. -Organ Recital. Novelty Recordings. -Hunt's Theatre Program. -Evening Mail. News Reports. Hodge Bros., Hollingsworth program. -Farm Burean program. -Cooley Hardware Co., ensemble. University of Redlands. - KFXM Carnival of the Air. $\begin{array}{c} 12\,(00\ noon-\\ 5\,(00\ p,\ m,-\\ 5\,(30\ p,\ m,-\\ 6\,(15\ p,\ m,-\\ 6\,(15\ p,\ m,-\\ 7\,(00\ p,\ m,-\\ 8\,(00\ p,\ m,-\\ 9\,(30\ p,\ m,-\\ 10\,(00\ p,\ m,-\\ \end{array}) \end{array}$ **KFOX**

KFXM

7:00 a.m.-8:00 a. m. 9:00 a. m.

9:30 a.m. 9:45 a.m.

9445 a. m. 10400 a. m. 10455 a. m. 10430 a. m. 11415 a. m. 11430 a. m.

:00 noon

Long Beach, Calif. 1250 Kc .- 1000 Watte Page Twenty-five

Los Angeles, Calif. 1430 Kc.—1000 Watts

Senoritas string trio. - Long Beach Municipal Band, Mid-week varieties, - Long Berch Sun news flashes, Everett Hoagland's Troubadors, Mariners concert orchestra, Cavaliers dance band, Rhythm Makers orchestra, Everett Hoagland's Troubadors, - Dick Dixon, organ.

1430 Kc.-1000 Watts -German lesson, by Annette Doherty. -NRC-Phil Cook, the Ouaker man. -Sherman Lloyd, pianist. NRC - Areo Birthday party. -NRC Maxwell House Melodies. Buster Wilson's Orchestra. -Lydia Aldrich, Armand, pop. music. -Joe Bishop and his guitar. -Annette Petite, character songs. - NBC Annos N'Andy. - Happ Chappies, songs. - NBC Lucky Strike Hour, - NBC Armstrong, hallads. Maurine Dyer, contralto. Health exercises, Louis Rueb.

FRIDAY, SEPT. 12

National Broadcasting

Co., Inc.

Co., Inc.
7:30 a.m. - Surrise Screnaders
8:00 a.m. - Morning Melodies.
8:15 a.m. - Morning Melodies.
8:10 a.m. - Cross-cuts of the Day.
9:00 a.m. - Meet the Folk.
9:30 a.m. - Betty Crocker Gold Medal Home Service Talks. KFI.
9:45 a.m. - Morning Glories.
10:00 a.m. - The Recitalists.
10:00 a.m. - More Phile B. Gibson, Food. KFI.
10:30 a.m. - Woman's Magazine of the Mr. KFI.
11:50 a.m. - Vogenine B. Gibson, Food. KFI.
11:50 a.m. - Woman's Magazine of the Mr. KFI.
12:00 n.m. - Woman's Magazine of the Mr. KFI.
12:00 n.m. - Woman's Magazine of the Mr. KFI.
12:00 n.m. - Matinee Time.
130 p. m. - Matinee Time.
130 p. m. - He Ramblers Trio.
2:45 p. m. - Organ Concet.
3:00 p. m. - He Ramblers Trio.
3:40 p. m. - Phil Cook, Quaker Man. KECA.
3:45 p. m. - Organ Concet.
3:00 p. m. - Heis Service Concert Oreh. KECA.
3:40 p. m. - Phil Cook, Quaker Man. KECA.
3:40 p. m. - Philo Cook, Quaker Man. KECA.
3:40 p. m. - Mensong Quakers. KECA.
4:40 p. m. - Membrandt Trio.
4:40 p. m. - Mensong Quakers. KECA.
4:50 p. m. - Mensong Quakers. KECA.
5:40 p. m. - The Posodent program. Amos 'n' Amy. KECA.
5:45 p. m. - One Pictures. KFI.
9:45 p. m. - Modern Melodists.
9:45 p. m. - Medern Melodists.
9:45 p. m. - The Dragon in the Sun.
1:40 p. m. - The Dragon in the Sun.
1:40 p. m. - The Dragon in the Sun.
1:40 p. m. - Laughner-Harris Hotel St. Francis Dance Orchestra. KFI.

Columbia Broadcasting

System

System 8:00 a.m.—Columbia Revue. 8:30 a.m.—Manhattan Towers Orchestra. 9:30 a.m.—Harry Tucker's Hotel Barclay Orch. 10:00 a.m.—The Aztecs. 10:30 a.m.—Columbia Artists Recital. 11:00 a.m.—Columbia Educational Features. 11:32 a.m.—Columbia Educational Features. 11:32 a.m.—Columbia Educational Features. 11:35 a.m.—Columbia Educational Features. 11:35 a.m.—Columbia Educational Features. 12:30 p.m.—Thirty Minute Men. 1:00 p.m.—Carl Rupp and WXYZ Captivators. 1:45 p.m.—Carl Rupp and WXYZ Captivators. 1:40 p.m.—Chr Forontaris Hollywood Orchestra. 1:40 p.m.—Columbia Male Chorus. 7:00 p.m.—Gert Lown and his Biltmore Orch. 7:30 p.m.—Cotton Club Band. 8:30 p.m.—Will Osborne's Orchestra. 8:30 p.m.—Nocturne, Organ Recital.

Senoritas string trio.

7 (C) p. m. 7 (30 p. m. 8 (30 p. m. 8 (30 p. m. 8 (55 p. m.

8 155 p. m.
 9 (00 p. m.
 9 (30 p. m.
 10 (00 p. m.
 10 (00 p. m.

10:30 p.m. 11:00 p.m. 11:30 p.m.

KECA

3:15 p. m. – 3:30 p. m. – 3:45 p. m. –

4:00 p. m. 5:00 p. m. 5:30 p. m. 5:30 p. m. 6:00 p. m. 6:30 n.m. 6:50 p. m. 6:45 p. m. 7:00 p. m. 7:30 p. m. 7:45 p. m.

2:42 p. m. 8:00 p. m. 9:00 p. m. 9:30 p. m.

10:00 p. m. 10:30 p. m.

- 5:00 a.m.
- :00 a. m. :30 a. m.

RADIO DOINGS

-Early Bird Club. Old Time Program. -Select Recordings. California Hotel Program. -Jate Records. B. S. Pearsall Co.

San Bernardino, Calif.

1210 Kc .- ! 00 Watts

- The Early Bird. Hello Everylody, Early News Iteas, Press-Telegram, Sovelty Musical Numbers, Bright and Early Hour. :30 a. m. :45 a. m.
- 50 a. m.
- 8:20 a. m. 9:00 a. m. 9:10 a. m. 10:30 a. m.
- Bright and Early Hour, Music, Beauty Talk, Mae Day Beauty Salon, Music, Organ Recital, Vera Graham, Bentrice Smith, Novelty Entertainer, Clime and Gene, News Reports, Press-Telegram, Hollywood Girls, Musical Moments, Mart Pongherty Dr, Clark, Health and Efficiency, Cherrio Boys, Dr, Harbottle, Doris and Clarence, 11:00 a.m.
- 11:00 a. m. 11:15 a. m. 11:30 a. m. 11:30 a. m. 12:45 p. m. 1:00 p. m. 1:30 p. m. 1:50 p. m. 2:20 p. m. 2:30 p. m. 3:15 p. m.
- 3:15 p.m. 3:30 p.m.
- Dr. Clark, Health and Efficiency, Cherrio Boys,
 Dr. Harbottle, Doris and Clarence,
 Rolly Wray,
 Len Nash and His Country Boys,
 Today in History,
 Organ Recital, Vera Gruhaen
 Press-Telegram Late News Reports,
 Rolly Wray in piano numbers,
 Bill and Coo,
 Cheerio Boys,
 Hollywood Girls,
 "Em and Clen."
 Percy Prunes and Daisy Mae,
 Vest Pocket Minsters,
 Subset Harmony Boys,
 Ezra and Abe,
 Silver Spray Hawaiians,
 Doris and Clarence,
 Studio Program,
 Lamplit Hour, Weichten Barbaro

Los Angeles, Calif.

1300 Kc.-1000 Watts

Los Angeles, Calif. 1300 Kc.—1000 Watts

Long Beach, Calif.

1360 Kc .- 1000 Watts

-Morning musicale. -Studio diversities. -Sunrise Exercise Club. -Earl Judy, piano and organ. - Chick, Chet and Chuck, guitars and

voice. — Women's hour and Helene Smith.
10:00 a. m.— Women's hour and Helene Smith.
11:00 a. m.—Helene Smith, piano requests.
11:15 a. m.—Studio concert orchestra.
12:15 p. m.—Silent for 15 minutes.
12:30 p. m.—Peggy and Jerry skit.
12:45 p. m.—Cecil Fry, songs and piano.
1:00 p. m.—Allay Oop frolic.
2:30 p. m.—Lorg Beach Municipal Band.
4:00 p. m.—Morrissey's orchestra and eigan.
5:00 p. m.—Peggy Russell's Personality Girls.
6:00 p. m.—Chick, Chet and Church, voice and guitars.

- 3(15 p. m.) 3(30 p. m.) 4(00 p. m.) 4(15 p. m.) 4(30 p. m.) 4(45 p. m.) 5(00 p. m.) 6(15 p. m.) 6(30 p. m.) 6(35 p. m.)
- p. m. p. m. p. m. p. m. p. m. 6:45 ·00
- :15 :30

1300 Kc.---6:00 p. m.--Trinity Church Ensemble. 7:00 p. m.--Dr. Fredus Nelson Peters. 7:30 p. m.--Bob Shuler's Civic Heur. 9:00 p. m.--Splvia and Al. 10:00 p. m.--Maude Burnette Studio. 10:30 p. m.--The Two Janitors.

1300 Kc.—1000
8:00 a.m.— Gospel Song Requests.
8:15 a.m.—Devotional Service.
8:45 a.m.—Ira L. Eldridge Bible Class.
9:15 a.m.—Music and Lecture.
9:45 a.m.—Music and Lecture.
10:35 a.m.—Music.
12:00 noon—Chimes.
1:00 p.m.—Special Messages and Music.

45 8:00 p. m. 9:00 p. m. 9:30 p. m. 10:30 p. m. Studio Program, - Lamplit Hour, - Len Nash and His Country Boys, Seal Beach Marathon, - Bennett's Crystal Ballroom, - Majestic Ballroom, ght—Seal Beach Marathon, Ballroot

11:00 p.m.-11:30 p. m. 12:00 midnight—Seal 1:00 a.m. Records

1:00 a.m.

KGEF

KTBI

KGER

6:00 a, m.-6:30 a, m.-7:00 a, m.-30 a.m. 2 :30 a. m.-9 :00 a. m.-voi**ce.** 10 :00 a. m.-11 :00 a. m.-11 :15 a. m.-

12:15 p. m.-12:30 p. m.-12:45 p. m.-1:00 p. m.-

guitars

Friday, Sept. 12 (Cont.)

KMTR

Hollywood, Calif. 570 Kc.—500 Watts

- 6:00 a.m.-7:00 a.m.-"Wake Up, Chillun, Wake Up." – Wake Cp, Chin –Records, –Stock Quotations, –Records,
- 8:00 a.m.-8:05 a.m.-8:05 a. m.—Records,
 9:00 a. m.—Mildred Kitchen,
 9:10 a. m.—Health Man,
 9:30 a. m.—Records,
 10:15 a. m.—Louise Howatt, Happiness Girl,
 10:30 a. m.—Dr. Haigh's Morning Serenaders,
 11:30 a. m.—Records,
 11:30 a. m.—Records,
 11:45 a. m.—Public and Civic Officials,
 12:00 noon,—"World in Review."
 12:15 p. m.—Prosperity Hour,
 11:15 p. m.—Old Records,
 2:15 p. m.—Spanish program,

- $1:15 \\ 2:15$ p. m.
- 3 :00 p. m. 4 :00 p. m. 4 :30 p. m.
- 5:15 p.m. 5:45 p.m.
- 6:00 p. m. 6:30 p. m.
- Old Records.
 Spanish program,
 Records.
 Dare Sisters,
 Trading Post program,
 Dewitt Hagar program,
 "Reporter of the Air."
 Banjo Boys.
 Billy Markowitz and Sizzling Fiddle.
 "Our Best Friends"—Playlette.
 Hollywood Sweepstakes.
 "Broadway Hits."
 Baseball Game from Wrigley Field.
 "Howdy Songs."
 Records. 6:00 p. m. 6:30 p. m. 7:00 p. m.
- 7:15p. m
- :30 p. m. :15 p. m.
- 10:30 p. m.
- 10:30 p. m.— Howey Songs, 11:00 p. m.— Records, 12:00 midnight—"8 Ball" and Charley Lung.

KFSD

- San Diego, Calif. 600 Kc.—1000 Watts
- Morning Musical, Good Cheer program, -Morning Musical continued, -NBC, Betty Crocker, -May Lou Stopping Hour, -Service Hour, -NBC, Odorano Feature, -Service Hour Continued, -Organ recital, Jamie Erickson at the 8:00 a.m.-9:00 a.m. 9:15 a.m. 9:30 a. m. 9:45 a. m. 10:45 a. m. 11:10 a. m. 11:30 a. m. 12:00 noon. console, 12:30 p. m. 1:00 p. m. 1:30 p. m. -- NBC, Pacific Feature Hour, .-- NBC, Matinee Time, .-- NBC, St. Francis Orchestra, .-- Matimee Time, .-- Organ concert, Dr. Humphrey J. at the console, --- NBC, Phil Cook, the Ouaker Man, .-- Helen Craw, Child Phychologist, --- Concert 2 :00 p. m.-2 :00 p. m.-2 :30 p. m.-Stewart 3 :30 p. m.-3 :45 p. m.-4:00 p. m. 5:00 p. m. 5:30 p. m. oncer NBC, Interwoven Pair, Feature, Late News Items. 5:30 p. m. 6:00 p. m. Late News Items. Douglas Stompers. -NBC, Elgin National Watch program -Gene Perry. -NBC, Amos 'n' Andy. Cecil and Sally. -Dan Parker's Old-Time program. -Concert Quintette with soloist. -Program by remote control from s Cafe 6:15 p. m. 7 :00 p. m. 7 :15 p. m. 7 :30 p. m. :45 p. m. 8:00 p. m. 9:00 p. m. 9:00 p. m.
- 10:00 Kennedy's Cafe,
 11:00 p. m. Request program.

Phoenix, Arizona Kc. 1000 Watts **KTAR** 620 Kc. 7:00 a. m. — Farm Flashes, U. S. D. A.
7:30 a. m. — Pipe Organ Recital.
8:30 a. m. — Cactus Brand Boys.
9:00 a. m. — Aunt Helen's Home Hints.
9:45 a. m. — Radio Newspaper.
10:00 a. m. — Hue Room Studio.
11:10 a. m. — Magazine of the Air.
11:30 p. m. — Herler's Dance Orchestra.
1:30 p. m. — Hotel St. Francis Orchestra.
1:30 p. m. — Hotel St. Francis Orchestra.
1:30 p. m. — Hotel St. Francis Orchestra.
3:30 p. m. — Hotel St. Francis Orchestra.
3:30 p. m. — Hotel St. Francis Orchestra.
3:30 p. m. — Phil Cook. NBC.
3:45 p. m. — Hartor Keyes Air Castle.
4:15 p. m. — KTAR Musical program.
5:20 p. m. — Ceci and Sally.
5:33 p. m. — Saunders' Entertainers.
6:00 p. m. — Mission Entertainers.
10:00 p. m. — Radio Newspaper. 7:00 a.m.-Farm Flashes, U. S. D. A. KFI

Los Angeles, Calif. 640 Kc.—5000 Watts

- 6:30 a. m.—Opening market quotations, 6:45 a. m.—Health Exercises, Louis Rueb. 7:30 a. m.—Karl Brandenhurg, popular songs, 8:00 a. m.—NBC—Shell Happy Time, 9:00 a. m.—Helpful hints to housewives, 9:15 a. m.—Helen Guest, ballads. 9:36 a. m.—NBC—Betty Crocker, speaker, on home service.

- 9:30 a. m.—ViC—betty Crocker, speaker, on home service.
 9:45 a. m.—Chester Foster Rand, tenor.
 10:00 a. m.—Wall Street financial news.
 10:15 a. m.—NBC—Josephine Gibson, speaker.
 10:30 a. m.—NBC—Woman's Magazine of the Air.
 12:30 a. m.—English lesson, Artia Drew.

- RADIO DOINGS
- -Jules Garrison, the passer-by, -U. C. & U. S. Dept, of Agriculture, -J. C. Murch of Christ Scientist. -"Seeing Southern California." -Winnie Fields Moore, travelog, -Carol Johnson, piano and songs. -James Owen, tenor, -Wedgwood Nowell, playgoer's club, -KFI News Flashes, -Big Brother Don, -The story man, Baron Keyes, -E, H. Rust, nurseryman, -Closing Stock market quotations, -XBC -Armstrong Quakers, -XBC -Armstrong Quakers, -SBC -RKO program, G. R. Walters, radio interference, -Man and Oscar, -Paul Roberts, tenor, Schonberger -Pitch and Putt Schonberger trio, 1 :45 a.m. 12:00 noon
- 12:00 noon 12:10 p.m. 12:30 p.m. 2:30 p.m. 2:45 p.m. 3:00 p.m. 3:15 p.m. 4:15 p.m. 4:15 p.m.

- 5:00 p. m.-5:30 p. m.-5:30 p. m.-5:48 p. m.-6:00 p. m.-6:30 p. m.-

- 7:00 b. m.
- 7:15 p. m. 7:30 p. m.
- trio, 8:00 p. m.
- Pitch and Putt, Schonberger trio,
 Helen Guest, ballads,
 Walter O'Kcefe and Union Oil
 NBC,
 James Carden in "Emperor of Crime"
 Packard Concert Orehestra.
 Bob and Jimmy.
 NBC-Hotel St. Francis Dance Or. 8:00 p. m.— 8:30 p. m.— 8:45 p. m.— Rounders-9:15 p. m.— 9:30 p. m.— 10:30 p. m.—

- 11:00 p. m.

KMPC

Beverly Hills, Calif. 710 Kc.-500 Watts

Week of

and singers.

Hollywood, Calif. 950 Kc.—1000 Watts

Culver City, Calif. 1000 Kc,-250 Watts

Hollywood, Calif. 1050 Kc.—5000 Watts

-"Earlybirds" exercises. -"Pep and Ginger" exercises. -"Home Folks" exercises. - Inspirational talk and morning prayer

-Recordings, -Musical program of recordings, -Musical program of recordings, -Bac Nonga and Be Happy," -Late Recordings, -Kip Corporation musical program, "First Radio Clurch of the Air." -Popular recordings, Marmola Co., presenting "Musical

c – The KNN Symphonette, –The Silver Slipper Cafe, –Off the Air, –Eddle Albright's reading of late fic-

—"Jay," the Jingle Man. —Rev. Ethel Duncan; Questions and

Answers. 3:00 p.m.—Musical program of late recordings. 3:15 p.m.—Presenting Little Joyce Coad. 3:25 p.m.—Lost and Found: Stock Market. 3:30 p.m.—Federation of Womeu's Clubs prog. 4:00 p.m.—Cene Byrnes' organ program. 4:30 p.m.—C. P. R.'s musical program. 5:00 p.m.—Talk on "Travel." 5:15 p.m.—Tbig Brother Ken's Kiddie Honr." 5:15 p.m.—Tbig Brother Ken's Kiddie Honr." 5:15 p.m.—Tbig Brother Ken's Kiddie Honr." 5:15 p.m.—Tersenting the KNN Trio. 6:16 p.m.—Frank Watanabe, the Japanese House Boy.

Boy,
Boy, m.—Pantages Hollywood Theater,
7:00 p. m.—Stove Poker String Trio and Country Iane, vocalist,
8:00 p. m.—Royal Order of Optimistic Do-Nuts,
9:00 p. m.—Gilmore Oil Co., presenting the "Lion Tamers"

9:00 p. m.—Gimore Off Co., presenting the "Liou Tamers,"
9:45 p. m.—Broadcasting the main event from the Hollywood Legion Stadium.
10:45 p. m.—Hotel Ambassador; Gus Arnheim and His Orchestra.
12:00 midnight.—Madame Zucca's Cafe.

6:30 p.m.-Don Lee Symphony

KFWB

KFVD

KNX

6:45 a.m.

6:45 a.m. 7:15 a.m. 7:45 a.m. 8:00 a.m. 8:15 a.m. 9:00 a.m.

9:30 a.m. 10:00 a.m.

10:30 a.m. 10:45 a.m. 11:00 a. m. – 11:30 a. m. – 11:45 a. m. Contrasts.

12:00 noon.

12:30 p. m. 1:00 p. m. 1:30 p. m.

tion.

tion, 2 :00 p. m.– 2 :30 p. m.– 2 :30 p. m.– 3 :00 p. m.– 3 :15 p. m.– 3 :25 p. m.– 3 :25 p. m.– 4 :00 p. m.–

6:15 p. Boy,

6.30 p. m.—Don Lee Symphony.
7.00 p. m.—Request program, orch. and singer
8.00 p. m.—Veelol Vodvil, from KFRC.
8.30 p. m.—Nights in the Old World.
9.00 p. m.—Wission Isle of Golden Dreams.
9.30 p. m.—Van C. Newkirk. "Song of the Week Club."
10.00 p. m.—World-wide News, courtesy Times
10.05 p. m.—Earl Burtnett's Biltmore Orch.
12.00 midnight—Wesley Tourtellotte, organ.

KFWB 950 Kc.—1000 Watts
8:30 a. m.— Dorothy Burnham, pianist; "The Lvory Twins;" Gus Mack, haritone.
10:00 a. m.—Prudence Penny.
10:30 a. m.— Melody Boys Dance Band; Virginia Miller.
11:30 a. m.—Organ Recital,
12:100 noon.— The Adventures of Tom and Wash.
12:15 p. m.—Don Warner and Ron Wilson, two piano numbers.
12:30 p. m.—Rose Valeric's Concert Ensemble.
2:00 p. m.—Harold Howard's Dance Band; Jean Cowan.
6:00 p. m.—Harold Howard's Dance Band; Jean Cowan.
6:30 p. m.—Hary Jackson and his Entertainers.
7:00 p. m.—Cecil and Sally in "The Funniest Things."
7:10 p. m.—KFWB Salon Orchestra.

Things," Tillo p. m.—KFWB Salon Orchestra, 7:30 p. m.—Sport Talk, 7:35 p. m.—"Mac and M." 8:00 p. m.—"Ruhbernecks," 8:30 p. m.—Billy Van, the Hollywood Playboy, 9:00 p. m.—Sports Interview by Mark Kelly, 9:30 p. m.—Thives of Great Men." 10:00 p. m.—George Olsen and his orchestra, 10:30 p. m.—George Olsen and his Music, 11:00 p. m.—George Freeman's Orchestra,

here and the second s

Recordings.

- Wake Up, Sleepy Head. Latin-American Half Hour, Recordings. -American Prosperity Hour. .7:00 a.m.-
- 7 :30 a. m. 8 :00 a. m. 8 :30 a. m.
- 9:00 a∈m. Studio program.
- "Sam." "Sam." "Pan Maxwell the King of Scotland, Fred Forrest. Rollicking Radiolicrs = remote.
- 9:30 a. m. 9:45 a. m. 10:00 a. m. 11:00 a. m. 12:00 noon
- Studio program. Gene Taylor—Piano in Studio.
- 1:00 p. m. 1:30 p. m. 1:45 p. m. 1:00 p. m. 1:30 p. m. 1:45 p. m. 2:00 p. m.
- Studio program, Gene Taylor Piano in Studio, -Recordings, -Bob, Bunny and Junior, -Classical and semi-classical recordings Southern Melodics,
- 2:30 p. m.-2:30 p. m.-3:00 p. m. 4:00 p. m. 5:00 p. m. 5:30 p. m. -Studio program. -Fred C. McNabb— Garden Talks, -Just_Kids' Club.

- Just Kids' Club. Studio. Harvard Furniture program. Latin-American program—talent in

- 5:30 p. m., 5:45 p. m., 6:00 p. m., 8:00 p. m., 8:15 p. m., 8:30 p. m., 9:00 p. m., 9:30 p. m., 10:00 p. m.,
- Leo Mannes—at the Hammer Organ. -Chauncev and Mike. Avora Products program, John Te Groen and his Trio, Addrich Radio program. Beverly Hill Billies. Ray Howell—the And How Boy, 11:00 p.m.

KTM

KHJ

Los Angeles, Calif. 780 Kc.—1000 Watts

Los Angeles, Calif. 900 Kc.—1000 Watts

K1.W780 Kc.—1000 Watt6:00 a. m.—Eye Opener,7:00 a. m.—Bill Sharples and His Gang,9:00 a. m.—Bert's Best Bets,1:30 p. m.—Inspirational Poetry1:45 p. m.—Popular Tunes,2:00 p. m.—Fowler's Food for Thought,2:30 p. m.—Health Man,2:45 p. m.—Late Melodies,3:00 p. m.—Banish program,3:30 p. m.—Danceland Melodies,4:30 p. m.—Shentish Mightights,9:00 p. m.—Silent,8:00 p. m.—Silent,9:00 p. m.—SantaeHight Shiptights,9:00 p. m.—SantaeHight's Wispering Screnaders,16:30 p. m.—Spizzerinktum Club,12:00 midnight—Request Organ Program.

7:00 a.m.—Recordings. 7:30 a.m.—Cheer Up and Smile. 8:30 a.m.—Stock Exchange Reports. 8:40 a.m.—Mauhattan Towers Orch., CBS. 9:15 a.m.—Richardson's Music Lovers Shop. 9:30 a.m.—Feminine Fancies, from KFRC. 10:30 a.m.—Ted White. 11:15 a.m.—Safety Building & Loan Co. 11:30 a.m.—Recordings.

1113 a. m. — Recordings.
1130 a. m. — Recordings.
1145 a. m. — Recordings.
1145 a. m. — Recordings.
12300 nom – Bithmore Hotel Concert Orchestra.
1230 p. m. — World-wide News.
12445 p. m. — California Home Extension Assn.
130 p. m. — The Captivators, CBS.
130 p. m. — Times Forum.
200 p. m. — Hapy-Go-Lucky Hour, from KFRC
3:00 p. m. — Hapy-Go-Lucky Hour, from KFRC
3:30 p. m. — Walter Herzog's School prog.
3:35 p. m. — Walter Herzog's School prog.
3:45 p. m. — Council of Internat'l Relations.
4:00 p. m. — Platt Music Co.
4:35 p. m. — World-wide News, courtesy Times.
4:55 p. m. — Town Topics.
5:30 p. m. — Custo Company, Orch., to KFRC.
5:30 p. m. — Custo Company, Orch., to KFRC.
5:30 p. m. — Ted White.

6:00 p. m.-Ted White.

КМІС	Inglewood, Calif. 1120 Kc.—500 Watts
6:00 a.mAndy and Jack.	
8:00 a. m Records.	
8:45 a.m Health Man.	
9:00 a, m,—"Zoro," astrologi	st.
0.30 n m Describe	

- 9:30 a. m.-2:00 noon-

- Records.
- 12:00 noon R 12:15 p. m. H 1:00 p. m. L 5:00 p. m. G 6:00 p. m. G 6:30 p. m. M 10:30 p. m. M 10:30 p. m. M 12:00 midnight 2:00 a. m. Ja ght—Louie Armstrong Orchestra. Jack the Bell Boy, Dawn Patrol.

KFSG

- 1120 Kc.-500 Watts -Family Altar Hour, Sunshine Hour, Organ Recital, -Music Masters' Hour, -Bethesda Hour, -Kiddies' Hour, 7:00 a. m.-10:00 a. m.-11:00 a. m.-2:00 p. m.-3:00 p. m.-4:00 p. m.-

Los Angeles, Calif.

- **KGFJ**Los Angeles, Calif. **I** Los Angeles, Calif. **I** 2:00 midnight —Mosby's Dixieland Blue Blowers. 1:00 a. m.—Night Owl Request program. 3:00 a. m.—Goodwill program. 3:00 a. m.—Goodwill program. 3:01 a. m.—Organ Recital by Arch Fritz. 9:00 a. m.—Studio Ensemble: George Cox. 11:00 a. m.—The Health Man. 11:30 a. m.—Spanish program. 12:00 noon.—Carroll Johnson, song and piano. 12:30 p. m.—Bob Holman's California Freshmen. 1:30 p. m.—Organ Recital by Arch Fritz. 2:30 p. m.—Microphone Club program. 3:00 p. m.—Gainsborough Trio; Beauty Talk. 5:00 p. m.—Market Reports; Harmony Hawaiian Quartet. Quartet. 6:00 p. m.—Glenn Edmunds' Orchestra. 7:00 p. m.—Lucky Seven Orchestra. 8:00 p. m.—Bob Holman's California Freshmen. 8:30 p. m.—String Quintet; Allan Fairchild. 9:30 p. m.—Mosby's Dixieland Blue Blowers. 11:00 p. m.—Bob Holman's California Freshmen. Ouartet.
- KFXM

San Bernardino, Calif. 1210 Kc.-100 Watts

- 7:00 a.m.—Early Bird Club. 8:00 a.m.—Old Time Program. 9:00 a.m.—Select Recordings. 9:30 a.m.—California Hotel Program. 9:30 a. m.— California Hotel Program.
 9:30 a. m.— California Hotel Program.
 9:45 a. m.— Late Records.
 10:00 a. m.— B. S. Pearsall Co.
 10:15 a. m.— Select Recordings.
 10:30 a. m.— The Trading Post.
 11:15 a. m.— News Reports.
 12:00 non— Organ Recital.
 5:00 p. m.—News Reports.
 6:35 p. m.— Evening Mail.
 6:15 p. m.— News Reports.
 6:30 p. m.—News Refersts.
 12:30 p. m.— News Reports.
 6:30 p. m.— News Idea Man (Western Gasoline).
 7:45 p. m.— Keys Idea Man.
 10:00 p. m.— Goodnight Hour.
 10:00 p. m.—Goodnight Hour.
- Long Beach, Calif. 1250 Kc.—1000 Watts KFOX 1250 Kc.—1000 Watts -The Early Bird, -Hello Everybody, -Early News Items, Press-Telegram, -Novelty Musical Numbers, -Bright and Early Hour, -Music, -Beauty Talk, Mae Day Beauty Salon, -Music 5:00 a.m.-7:00 a.m. 7:30 a.m. :45 a. m. :50 a. m. a. m. — Music.
 a. m. — Organ Recital, Vera Graham.
 a. m. — Organ Recital, Vera Graham.
 a. m. — Cline and Gene.
 a. m. — Cline and Gene.
 a. m. — News Reports, Press-Telegram,
 b. a. m. — Musical Moments, Mart Dougherty.
 b. m. — Masonic Luncheon.
 b. m. — Masonic Luncheon.
 b. m. — Molywood Girls.
 c. Cherrio Boys.
 c. D. m. — Moly Wray.
 b. m. — Moly Wray.
 b. m. — Today in History.
 b. m. — Today in History.
 c. m. — Molly Wray.
 c. m. — Molly Wray.
 b. m. — Today in Mistory.
 c. m. — Rolly Wray in piano numbers.
 d. p. m. — Cherrio Boys.
 f. p. m. — Hell & Coo.
 d. t. S. m. — Cherrio Boys.
 f. p. m. — The Three Vagabonds.
 f. p. m. — The Three Vagabonds.
 f. p. m. — Era and Abe.
 f. p. m. — Era and Abe.
 f. p. m. — Doris and Clarence.
 g. p. m. — Hory Market Program.
 g. m. — Ther Marker Program.
 g. m. — Hory Market Program.
 f. p. m. — Beverly Market Program.
 f. p. m. — Hory Market Program. 20 a. m. 9:00 a. m. 9:10 a. m. 10:30 a. m. 11:00 a. m. 11:15 a. m. 11:30 a. m.

RADIO DOINGS

Page Twenty-seven

Hollywood, Calif. 570 Kc.—500 Watts

San Diego, Calif. 600 Kc.—1000 Watts

Phoenix, Arizona 620 Kc. 1000 Watts

9:00 p.m.—NBC Drama Hour 10:00 p.m.—Spotlight Review. KECA.

Columbia Broadcasting

System

System 8:00 a.m.—Adventures of Helen and Mars. 9:30 a.m.—Sir Thomas Lipton Race for Ameri-ica's Cup. 10:00 a.m.—Ann I.eaf at the Organ. 10:00 a.m.—Dominion Male Quartet. 11:00 a.m.—Columbia Ensemble. 11:00 a.m.—Cumhia Ensemble. 11:00 p.m.—Crace for America's Cup. 12:30 p.m.—French Trio. 10:00 p.m.—Ozzie Nelson's Glen Islanders. 14:50 p.m.—Columbia Educational Features. 200 p.m.—Tom, Dick and Harry. 21:55 p.m.—Ted Husing's Sportslants. 21:55 p.m.—Ted Husing's Sportslants. 21:55 p.m.—Ted Husing's Sportslants. 21:55 p.m.—Ted Husing's Sportslants. 21:55 p.m.—Ted Husing's Nortslants. 21:55 p.m.—Ted Educational Features. 21:55 p.m.—Teck Denny's Orch., from Montreal. 4:00 p.m.—Columbia Educational Features. 4:155 p.m.—Columbia Educational Features. 4:155 p.m.—Gak Denny's Orch., from Montreal. 4:00 p.m.—Columbia Educational Features. 4:155 p.m.—Gay Lombardo's Royal Canadians. 8:00 p.m.—Bert Lown and Biltmore Orchestra. 3:00 p.m.—Bert Lown and Biltmore Orchestra.

 570 Kc.—500 W

 6:00 a. m.—Wake Up, Chillun, Wake Up,"

 7:00 a. m.—Records.

 8:00 a. m.—Ktock Quotations.

 8:05 a. m.—Records.

 9:00 a. m.—Midred Kitchen.

 9:15 a. m.—Health Man.

 9:30 a. m.—Records.

 9:10 a. m.—Records.

---Wake Up, Chillun, Wake Up, ----Records, --Records, --Mildred Kitchen, --Health Man, --Records, --Louise Howatt, Happiness Girl, --Dr, Haigh's Morning Screnaders, --Calboing Combers.

-Dr. Haigh's Morning Sere -Galloping Gophers. - Records. - Public and Civic Officials. --World in Review." --Prosperity Hour. -Old Records. --Spanish program. --Records.

11:00 p. m.— Howdy Songs and Requests, 11:00 p. m.—Records, 12:00 midnight—''8 Ball'' and Charley Lung.

KFSU 600 Kc.-1000 Watts 8:00 a. m.-Morning Musical. 9:05 a. m.-Morning Musical continued. 9:15 a. m.-Morning Musical continued. 9:45 a. m.-Amy Lou Shopping Hour. 11:00 a. m.-Lloyd Peck Service Hour. 12:00 poen-NBC Cup Races. 12:10 p. m.-NBC, Hotel St. Francis Drake Orch. 12:30 p. m.-NBC, Cup Races. 12:40 p. m.-NBC, Hotel Sir Francis Drake Orch. 2:30 p. m.-MBC, Hotel Sir Francis Drake Orch. 2:30 p. m.-Mainee Time. 2:30 p. m.-Studio program. 4:00 p. m.-Studio program.

3:30 p. m.—Studio program.
4:00 p. m.—Feature.
5:15 p. m.—Late News Items.
5:30 p. m.—NBC, General Electric program.
6:00 p. m.—NBC, Lucky Strike Orchestra.
7:00 p. m.—Feature.
7:30 p. m.—NBC, Amos 'n' Andy.
7:45 p. m.—Cecil and Sally.
8:00 p. m.—Fox Theatre program, remote.
8:30 p. m.—Studio program.
9:00 p. m.—NBC, Rainbow Harmonies.
9:30 p. m.—NBC, Golden Legends.
10:00 p. m.—Kennedy's Cafe program, remote.
11:00 p. m.—NBC, Spotlight Review.

KTAR 7:00 a.m.—Farm Flashes, U. S. D. A. 7:30 a.m.—Pipe Organ Recital. 8:30 a.m.—Pipe Organ Recital. 8:30 a.m.—Cactus Brand Boys. 9:00 a.m.—Aunt Helen's Home Hints. 9:45 a.m.—Radio Newspaper. 10:00 a.m.—Blue Room Studio. 11:00 a.m.—Studio Musical program. 11:30 a.m.—Chicago Serenade. 12:00 noon—Radio Revival. 12:00 noon—Radio Revival. 12:00 noon—Hotel Sir Francis Drake Orchestra. 1:45 p.m.—William Don. 2:00 p.m.—The James. 2:15 p.m.—Black and Gold Room Orchestra. 2:45 p.m.—Radio Newspaper. 3:30 p.m.—The James.

- 9:00 p.m. --Lamplit Hour.
 9:30 p.m. --Len Nash and His Country Boys.
 10:30 p.m. --Scal Beach Marathon.
 11:00 p.m. --Bennett's Crystal Ballroom.
 11:30 p.m. --Majestic Ballroom.
 12:00 midnight--Scal Beach Marathon.
 1:00 a.m. --Records.

KTBI

Los Angeles, Calif. 1300 Kc.—1000 Watts

- 9 :15 a. m.-9 :15 a. m.-9 :45 a. m. -10 :35 a. m.-11 :30 a. m.-12 :00 noon -

- Los Angeles, Calif. 1300 Kc.—1000 Watts 8:00 a. m.—Gospel Song Requests. 8:15 a. m.—Devotional Service. 8:45 a. m.—I.ecture. 9:45 a. m.—Lecture. 9:45 a. m.—Music and Lecture. 10:35 a. m.—Music and Lecture. 11:30 a. m.—Book Review, Mrs. Whitwell. 12:00 noon—Chimes. 11:00 p. m.—Special Messages and Music. 7:00 p. m.—International Sunday School Lesson. 8:00 p. m.—Musical program. 9:00 p. m.—Musical program.

- KGER
- 1360 Kc.-1000 Watts
- 6:00 a.m.-6:30 a.m.-
- 7:00 a.m.-
- Morning musicale. -Studio talent. -Sunrise exercise club. Earl Judy, piano and organ. -Chick, Chet and Chuck, songs and 7:30 a.m. 9:00 a.m.
- 9:00 a. m.-guitars, 10:00 a. m.-11:00 a. m.-11:15 a. m.-12:15 p. m.-12:30 p. m.-
 - Women's hour and Helene Smith.
- 12.45
- 2:45 p. m.-1:00 p. m.-2:00 p. m.-
- :30 p. m.

- 4:00 p. m.-5:00 p. m.-6:00 p. m.-6:15 p. m.-
- -Women's hour and Helene Smith, -Helene Smith, piano requests, -Studio Concert Orchestra, -Peggy and Jerry skit, -Peggy and Jerry skit, -Creil Fry, songs and piano, -Allay Oop frolic, Dorgan recital, Dick Dixon, -Long Beach Municipal Band, -James' orchestra and organ, -Peggy Russell's Personality Girls, -Senoritas string trio, -Syneopators dance band, -Long Beach Municipal aBnd, -Mariners concert orchestra and tenor, -Long Beach Sun news flashes, -Everett Hoagland's Troubadors, Cavaliers dance orchestra. 7:00 p. m.-p. m.-p. m.--30
- 8:00
- 9:00 p. m. Long Beach Sun news flashes.
 9:00 p. m. Everett Hoagland's Troubadors.
 9:30 p. m. Everett Hoagland's Troubadors.
 10:30 p. m. Rhythm Makers dance orchestra.
 11:00 p. m. Everett Hoagland's orchestra.
 11:30 p. m. Organ recital. Dick Dixon.

KECA

n news flashes.	12:00 noon"World in Review."
ad's Troubadors.	12:15 p. m.—Prosperity Hour,
orchestra.	1:15 p. m.—Old Records,
s dance orchestra.	2:15 p. m.—Spanish program.
nd's orchestra.	3:00 p. m.—Records.
Dick Dixon.	4:00 p. m.—Dare Sisters.
	4:30 p. m.— Trading Post program.
Los Angeles, Calif.	5:15 p.m.—Dewitt Hagar program.
1430 Kc.—1000 Watts	5:45 p.m.—"Reporter of the Air."
ir songs,	6:00 p. m.—Banjo Boys.
Quaker_man—NBC.	6:30 p.mBen Bermand and His Studio Boys.
pianist.	8:00 p. m.—Patrick Playing by Ear.
rvice Hour.	7:15 p. m.—Hollywood Sweepstakes.
en Pair.	7:30 p.m "Talking Picture Song Hits."
Hour.	8:15 p. mBaseball Game from Wrigley Field.
ers.	10:30 p.m.—"Howdy Songs" and Requests.
in Program.	11:00 p. m.—Records,

Long Beach, Calif.

KMTR

10:15 a.m. 10:30 a.m.

11:00 a. m. 11:30 a. m. 11:30 a. m.

KFSD

KTAR

- р. m.-р. m.-30 :45 p. m. 4:00 p. m.-5:00 p. m.-5:30 p. m.-6:00 p. m.-7:00 p. m. :15 p. m.-:30 p. m.-:45 p. m.-:00 p. m.-9:00 p. m.
- -Schonberger trio, Don Abbott, tenor, -Health exercises. 9:30 p. m.
- 10:00 p, m, 10:30 p, m.

SATURDAY, SEPT. 13

National Broadcasting Co., Inc. 7:30 a. m. – Sunrise Serenaders. 8:00 a. m. – Financial Service program. 8:15 a. m. – Morning Melodies. 8:30 a. m. – Crosscutts of the Day. 9:00 a. m. – Meet the Folks. 9:45 a. m. – Xational Farm & Home Hour. KFI 11:30 a. m. – Woman's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Woman's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Wenn's Magazine of the Air. KFI 11:30 a. m. – Menore time. 130 p. m. – The Jamese. 2:00 p. m. – The Jamese. 3:00 p. m. – The Juler Man. KECA. 4:00 p. m. – Hor Concert. 3:00 p. m. – Hor Kunter Man. KECA. 4:00 p. m. – Hor Concert. 3:00 p. m. – Hor Pickard Family. 5:00 p. m. – Hor Kunter Man. KECA. 4:00 p. m. – Hor Concert. 3:00 p. m. – Hor Viets Orchestra. 4:30 p. m. – The Pickard Family. 5:00 p. m. – Edwin Stanley Sedar, organist. 5:30 p. m. – The Pickard Family. 7:30 p. m. – The Pickard Family. 7:3 Co., Inc.

3:45 p. m.—In Storyland, 3:00 p. m.—KTAR Musical program, 2:20 p. m.— Cecil and Saity, 5:30 p. m.— Ceneral Electric program, - C Ceil and Saly - General Electric program, - Jucky Strike Dance Orchestra, - Voice of Pan, - Diama Hour, 5:30 p. m. 6:00 p. m. 7:00 p. m. 9:00 p. m. Racho Newspaper, 10:00 p.m.-Los Angeles, Calif. 640 Kc.—5000 Watts KFI 6:30 a.m.—Opening stock market quotations.
6:45 a.m.—Louis Rueb, health exercises.
7:30 a.m.—Gertrude Guselle and Karl Branden-Gertrude Guselle and Kail BrandenHelen Guest, popular songs,
NBC, Morning Melodies,
NBC, Crosseuts from Log of Day,
Joe Bishop and guitar,
Wall Street Financial News,
NBC, Americi's Cup Races,
NBC, America's Cup Races,
NBC, America's Cup Races,
Jules Garrison, the Passer-by,
NBC, America's Cup Races,
Jules Garrison, the Passer-by,
NBC, America's Cup Races,
Federal and State Market Reports,
NBC, America's Cup Races,
Federal and State Market Reports,
MBC, America's Cup Races,
Federal and State Market Reports,
MBC, America's Cup Races,
Federal and Adele Howell, duets,
KBT News Flashes,
Manuy Stein and his orchestra,
KFT News Flashes,
Don Abbott, tenor,
Will E, Wing, Hollywood,
A. Malvern Christie,
Dr, H. Edwand Myers,
NBC, Lucky Strike Hour,
KBC, Gilmore Cirens,
Soiree Intime,
Dane Rudhyar, connoser burg. burg. 8 :00 a. m. 8 :15 a. m. 8 :30 a. m. 9 :00 a. m. 9 :15 a. m. 9 :30 a. m. 12:15 p. m. 12:30 p. m. 2:15 p. m. 2:45 p. m. 3:15 j. m. 4 :15 p. m. 4 :30 p. m. 5 :00 p. m. 5 :30 p. m. 5:45 . j. m. 6:00 p. m. 7:00 p. m. 8:00 p. m. Soiree Intime. Dane Rudhyar, composer Harold Spaulding, tenor, KFI Midnight Frolie. \$:30 8:30 p.m. 10:00 p.m. 10:30 p. m. – 11:00 p. m. –

KMPC

Beverly Hills, Calif.

		-			10 1	.c.—;	500	w att:
7:00	а.	$m_s - Wal$	ke Up. S	leepy	Head	L.		
7:30	a.	mLati	in-Americ	an br	0121.8	111.		
-8:30	a.	.m. —.\m	er.can Pr	osperu	v H	our.		
9:30	a.	m "Sa	11.1					
9:45	a.	$m_{\rm c} - D_{\rm am}$	Maxwel	l – the	Kin	g of	Sec	tland
10:00	a.	mThe	Ad-Viso	r				
11:00	a.	m.— Roll	licking	Radioli	ers -	-rem	ate.	
1:00	-p.	m.—Gen	e Taylor	-Pian	o in	Stud	io.	
1:45	р.	$m_{\rm e} - Bob$, Bunny	and 1	mio	r.	,	
2:00	p.	mClas	sical and	semi-	dass	ical r	eco	dino
3:00	р.	$m_{e} = Hoc$	ops and	lingles				· · · · · · · · · · · · · · · · · · ·
5:30	p.	mCue	koo Clee	k.	•			
		m. ~Lat!			ogra	m.		
8:45	p.	m. – Juni	ior Chan	iber o	f ^r Ce	mme	rce	mor
10:00	p.	m.—Bevo	erly Hill	Billie	5.			P. O.B.
11:00	p.	mRay	Rowell-	- and 1	The	How	Bu	y.
VT	12				Los	Ange	les.	Calif
KT	IV	1						Watts
6:00	a.	m.—Eve	Opener.					

6:00 a.m.—Eye Opener.
7:00 a.m.—Bill Sharples and His Gang.
9:00 a.m.—Bert's Best Bets.
1:30 p. m.—Inspirational Poetry.
2:00 p. mFowler's Food for Thought,
2:30 p. m.—Health Man.
3:00 p. m.—Spanish program.
3:30 p. m.—Danceland Melodies,
8:00 p. m.—Pepper Box Revue.
10:00 p. m.—Santaella's Whispering Serenaders,
11:00 p. mSpizzerinktum Club,
12:00 midnight-Request Organ Program.
Los Angeles, Calif.
KHJ Los Angeles, Calif. 900 Kc.—1000 Watts

KHJ

KHJ Los Angeles, Calit. 900 Kc.—1000 Watts 7:00 a. m.—Recordings, 7:30 a. m.—Itallelujah. 8:30 a. m.—Stock Exchange Reports. 8:40 a. m.—Terpezone Company, Recordings. 9:15 a. m.—Mauhattan Towers Orch., CBS. 9:00 a. m.—Sir Thomas Lipton Race, CBS. 10:00 a. m.—Organ, Nell Larson, 11:15 a. m.—Safety Building & Loan. 11:30 a. m.—Sir Thomas Lipton Race, CBS. 12:30 p. m.—World-wide News, courtesy Times. 12:30 p. m.—World-wide News, courtesy Times. 12:30 p. m.—World-wide News, CBS. 1:00 p. m.—Chel Gauchos, CBS. 1:00 p. m.—The Gauchos, CBS. 1:00 p. m.—Times Forum. 2:00 p. m.—Rhythm Ramblers, CBS. 2:15 p. m.—Te Husing's Sportslants, CBS. 2:15 p. m.—The Crockett Meuntaineers, CBS. 3:10 p. m.—The Crockett Meuntaineers, CBS. 3:10 p. m.—The Crockett Meuntaineers, CBS. 4:00 p. m.—Exploring Jungles of Science, CRS. 4:30 p. m.—Romance of American Industry, CBS.

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RADIO DOINGS

4:45 p. m.- World-wide News.
5:00 p. m.- Show Boat, CBS.
0:00 p. m.-Chicago Varieties, CBS.
0:30 p. m.-Pesse Crawford, CBS.
7:30 p. m.-Will Oborne and Orch., CBS.
7:30 p. m.-Gay Lombardo's Regal Canadians.
8:00 p. m.-Don Lee Symphony.
8:30 p. m.-North Amer, Bildg. & Loan Assn.
9:00 p. m.-Will Review.
10:00 p. m.-Will Review.
10:05 p. m.-Biltmore Hotel Dance Orchestra.
12:00 midn'ght-Wesley Tourtellotte, organ. Hollywood, Calif. **KFWB**

 KFWB
 950 Kc.-1000 Watts

 8:30 a.m.-Dorothy Burnham, pianist:
 0:00 watts

 0:30 a.m.-Organ Recital.
 10:30 a.m.-Organ Recital.

 10:30 a.m.-The Melody Boys Dance Band:
 11:30 a.m.-Organ Recital, by Wade Hamilton.

 12:00 noon.-The Melody Boys Dance Band:
 11:30 a.m.-Organ Recital, by Wade Hamilton.

 12:00 noon.-The Adventures of Tom and Wash.
 12:15 p.m.-Harold Rhodes, pianist.

 3:00 p.m.-Musical program.
 3:30 p.m.-Harold Howards Dance Band.

 0:00 p.m.-Harold Howards Dance Band.
 0:00 p.m.-Harold Howards Dance Band.

 0:00 p.m.-Harold Howards Dance Band.
 0:00 p.m.-Harold Howards Dance Band.

 0:00 p.m.-Harold Howards Dance Band.
 0:00 p.m.-Lewis Mechan, tenor: Boswell Sisters.

 7:00 p.m.-Sports Post Mortem.
 8:00 p.m.-Lewis Mechan, tenor: Boswell Sisters.

 9:00 p.m.-Lewis Mechan, tenor: Boswell Sisters.
 9:00 p.m.-Lohnny Johnson and his Orchestra.

 10:00 p.m.-Johnny Johnson and his Music.
 11:00 p.m.-George Freeman's Orellestra.

 11:00 p.m.-Berge Freeman's Orellestra.
 10:30 p.m.-George Freeman's Orellestra.

 950 Kc.-1000 Watts Culver City, Calif. 1000 Kc.—250 Watts **KFVD** KFVD1000 Kc.-250 Wat6:00 a. m.Bappe-Go-Lucky Trio,7:00 a. m.Happe-Go-Lucky Trio,9:00 a. m.Beauty II Tis,9:30 a. m.Zaudra, Morning Psychologist,11:00 a. m.Beauty Hour,12:00 noon-Burton Bennett, gnitar and sougs,12:30 p. m.Waves of Happiness,12:00 p. m.C. Allison,2:00 p. m.C. Allison,2:00 p. m.C. Contest,3:30 p. m.Purchaser's Guide,4:30 p. m.Purchaser's Guide,4:30 p. m.Purchaser's Guide,4:30 p. m.Purchaser's Guide,4:30 p. m.Purchaser's Guide,1:00 p. m.Contest,1:2:00 midnight—Ballads Old and Xew, organ,Hollywood, Cal Hollywood, Calif. KNXHollywood, Calif.
1050 Kc.—5000 Watts6:45 a. m. — "Earlybirds" exercises.7:15 a. m. — "Pep and Ginger" exercises.7:45 a. m. — "Home Folks" exercises.7:45 a. m. — "Home Folks" exercises.8:00 a. m. — Inspirational talk and morning prayer8:16 a. m. — Program of popular recordings.8:30 a. m. — Bundy & Albright courtesy program.9:30 a. m. — Bundy & Albright courtesy program.9:30 a. m. — Bundy & Mbright courtesy program.9:30 a. m. — Kay." the Jingle Man.11:00 a. m. — Kip Corporation courtesy program.12:30 p. m. — The Silver Slipper Cafe.12:30 p. m. — First Radio Church of the Air.12:50 p. m. — Lost and Found.130 p. m. — Fiest Radio Church of the Air.12:50 p. m. — Feddie Albright2:00 p. m. — Fiest Radio Church of the Air.1:250 p. m. — Feddie Albright2:00 p. m. — Fiest Radio Church of the Org.5:00 p. m. — Talk on "Trayel."5:45 p. m. — Town Crier's Timely Amusement Tips0:00 p. m. — Presenting an Opera (recorded, 5:00 p. m. — Presenting the KNX Trio.0:15 p. m. — Frank Watanale.0:30 p. m. — Gene Byrnes at the Wurlitzer Organ0:30 p. m. — Gene Byrnes at the Wurlitzer Organ0:30 p. m. — Horse Fly and His Wranglers.9:00 p. m. — Announcements of leading L. A. Church Services. KNX 1050 Kc.-5000 Watts

- 6:30 p. m. 7:00 p. m. 8:00 p. m. 9:00 p. m.
- Announcements of leading L. A.
- 9:00 p. m.—Announcements of leading L. A. Church Services.
 9:05 p. m.—Calaugis Family, Spanish Orchestra, 9:45 p. m.—Marmola Company, 10:00 p. m.—Hotel Ambassador; 12:00 midnight.—Madame Zucca's Cafe.

- **KMIC**

1109

Cor. S

- 1120 Kc.-500 Watts 1120 Kc.—500 wa 6:00 a.m.—Andy and Jack, 8:45 a.m.—Health Man. 9:00 a.m.—'Zoro," astrologist, 12:00 noon—Radio News Reporter, 12:15 p.m.—Hi-Noon Varieties, 2:00 p.m.—Iopular Dance Orchestras, 3:00 p.m.—Gordon Smith's Radiotising Prog, 6:30 p.m.—'Gordon Smith's Radiotising Prog, 6:30 p.m.—'Gordon Smith's Radiotising Prog, 6:30 p.m.—'Gadio Round-Up." 12:00 midnight—Louie Armstrong Orchestra, 2:00 a.m.—Jack the Bell Boy, Dawn Patrol,

C. R. SPENCER
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Los Angeles, Cal.f. 1200 Kc.-100 Watts KGFJ L200KC.—100 Watts12:00midnight.—Mosby's Dixieland Blue Blowers.1:00a.m.—Night Owl Request program.7:00a.m.—Coodwill program.8:30a.m.—Cogan Recital by Arch Fritz.10:00a.m.—Studio Ensembler: Soloists.11:00a.m.—The Health Man.11:30a.m.—Spanish program.12:30p.m.—Bob Holman's California Freshmen.1:30p.m.—Bob Holman's California Freshmen.1:30p.m.—Organ Recital by Arch Fritz.2:00p.m.—Classical Hour.3:00p.m.—Gainsborough Trio; Bennty Talk.5:00p.m.—Gainsborough Trio; Bennty Talk. 5:00 p. m.—Market Reports; 6:00 p. m.—Glenn Edmunds' Orchestra, 7:00 p. m.—Lucky Seven Orchestra, 8:00 p. m.—Bob Holman's California Freshmen from Oaks Tavern. from Oaks Favern, 8:30 p. m.- String Quintet; Allan Fairchild, 9:30 p. m.- M. sby's Dixieland Blue Blowers, 10:30 p. m.- Organ Melodies, 11:00 p. m.- Bob Holman's California Freshmen. 11:00 p. m. – top froman's California Presimen. **KFOX**Long Beach, Calif. 1250 Kc. – 1000 Watts 5:00 a. m. – The Early Bird. 7:00 a. m. – Herly News Items, Press-Telegram. 7:50 a. m. – Beright and Early Hour. 9:00 a. m. – Beright and Early Hour. 9:00 a. m. – Beatry News Items, Press-Telegram. 7:50 a. m. – Beright and Early Hour. 9:00 a. m. – Beatry Talk, Mae Day Beauty Salon. 10:00 a. m. – Beatry Talk, Mae Day Beauty Salon. 10:00 a. m. – Beatry Talk, Mae Day Beauty Salon. 10:00 a. m. – Beatry Talk, Mae Day Beauty Salon. 11:00 a. m. – Beatrie Smith, Noveliy Entertainer. 11:15 a. m. – Ulipwool Girls. 12:45 p. m. – Musical Moments. Mart Dougherty. 1:00 p. m. – Bill and Coo. 1:30 p. m. – Cherrio Boys. 1:50 p. m. – Der. Harbottle, Doris and Clarence. 2:20 p. m. – Rolly Wray. 2:30 p. m. – Cherrio Boys. 3:30 p. m. – Elly Wray in piano numbers. 4:45 p. m. – Hollywood Girls. 6:30 p. m. – Elly and Clem. 6:35 p. m. – Every Prunes and Daisy Mae. 6:30 p. m. – Sunset Harmony Boys. 7:35 p. m. – Ever Stray Hawaiians. 7:36 p. m. – Sunset Pocket Minstrels. 6:37 p. m. – Sunset Harmony Boys. 7:38 p. m. – Deam Train. 9:00 p. m. – Lamplit Hour. 9:30 p. m. – Leanplit Hour. 9:30 p. m. – Seal Beach Marathon. 1:30 p. m. – Seal Beach Marathon. 1:30 p. m. – Keal Beach Marathon. 1:30 p. m. – Seal Beach Marathon. 1:30 p. m. – Maiestic Ballroom. 1:30 p. m. – Maiestic Ballroom. Long Beach, Calif. 1250 Kc.-1000 Watts **KFOX**

KGER

Inglewood, Calif.

	court french and defiont,
KGER	Long Beach, Calif, 1360 Kc.—1000 Watts
6:00 a.m.—Sat	urday morning music review.
	trise exercise club.
7:30 a.mEai	rl Judy, piano and organ.
	ick, Chet and Chuck,
	men's hour and Helene Smith.
	lene Smith, piano requests,
	ggy and Jerry skit.
1:00 p. m.—All	
	gan recital, Dick Dixon.
	ng Beach Municipal Band.
	rrissey's orchestra and organ.
	gy Russell's Personality Girls,
	ck, Chet and Chuck.
	toritas string trio.
7:30 p.mLor	ng Beach Municipal Band.
8:00 p. mMa	riners concert orchestra and tenor.
9:00 p. m.—Eve	erett Hoagland's Troubadors,
	valiers dance orchestra.
	Iodies of Bygone Days.
	within Makers dance orchestra.
	erett Hoagland's Troubadors.
	k Dixon, organ memories.
KECA	Los Angeles, Calif.
	1430 Kc 1000 Watts
- 3 : 30 p. m NB	C. Fuller Man program.
-4:00 p. mVar	sety Hour.
stuu p. m Hay	ven Johnson, popular melodies. C. General Electric Hour.
- 6:00 p. m.—Los	Angeles Fire Dept. Orch.

6:00 p. m.—Los Angeles Fire Dept. 7:00 p. m.—Nick Harris program. 7:30 p. m.—Nilc, Amos n'Andy. 8:30 p. m.—Eddie Armstrong, tenor. 9:00 p. m.—Arthur Lang, baritone. 9:30 p. m.—KECA String Ensemble. 10:00 p. m.—NBC, Spotlight Review. 10:00 p.m.-

> GRADE "A" TECHNICAL ENGINEERS, CERTIFIED BY THE RADIO TRADES ASS'N Radio service in all parts of California. We maintain a special division of our Service California. Department for dealers.

Week of

Your Radio a Public Address System

By E. E. GRIFFIN*

T HE use of microphones in public address work for advertising and entertainment is an increasingly popular subject, and the purpose of this article is to show the simplicity of their use, and at the same time correct various wrong impressions in regard to their operation. The use of microphones in conjunction with radio receiving sets is not new, various applications havbeen made in the past few years. In effect the audio amplifying system of the radio is used to build up the small voice current of the microphone to the required volume consistent with radio reception. There are no trick circuits, but certain definite requirements must be fulfilled to obtain consistent results.



Typical Baby Microphone (single button) application to Small Radio Set using input transformer

A microphone may be connected direct to the average receiving set, without the use of any additional accessories whatever; the main requirement being that the microphone be inserted in such part of the circuit that will furnish it enough current on which to operate. An example of such a connection is shown in receiving sets where a phonograph jack is provided which opens the plate circuit of the detector tube, and places the record pickup in series with the plate and first audio transformer. When a microphone is connected in this jack it is thus supplied the normal plate current of the detector tube. In receiving sets not equipped with such a jack connection, the same result may be accomplished by the use of an adaptor plug. There are various other connections possible, and adaptors on the market to apply to the individual installation.

Owing to the multiplicity of sets in use, with their individual method of connection, no hard and fast rule can be given for microphone application to any set. For instance, in screen grid detector sets, fairly good results may be obtained by connecting the microphone terminals to the cathode and ground post; while the same connection on the 27 type tube is not satisfactory. In subsequent articles, we will deal with microphone application to specific sets and types of circuits.

It must be borne in mind that the use of a microphone only, in conjunction with a receiving set is a haphazard way of achieving a result. Also, that tone and quality of reproduction in the complete assembly depend largely upon the electrical balance of the two units. The first glaring discrepancy is the fact that the impedance of the average microphone in present day use is in the neighborhood of two hundred ohms; while the impedance of any of the suitable points of connection in a receiving set will be from a hundred to several thousand times this value, making the use of an impedance matching device or a microphone transformer imperative, if anything like realistic voice and music reproduction is to be obtained. Even the most expensive broadcast type of microphone. not properly matched, will give only poor results; while a medium priced micro-

*Chief Engineer, Universal Microphone Co., Ltd.

phone properly matched, in most cases, will give all that is desired. Secondly, the quality of reproduction of a microphone is quite directly proportionate to its price class.

The use of a microphone without the proper coupling arrangements is recommended only for use in home entertainment and experimental work. Where any public feature is involved, such as on golf courses, in theaters, department stores, etc., tone quality and naturalness of reproduction are absolutely necessary. The ear of the general public has been quite well educated by modern receiving sets, talkies, etc., and is very discriminating, so that only the best obtainable from a given equipment is permissable.

The illustration given is quite a satisfactory combination for small installations not requiring more than normal room volume consistent with quality. The microphone, microphone transformer, one dry cell for current supply and an off and on switch complete the assembly. connection being made to the radio receiver through its phonograph jack or a detector tube socket adaptor. For the more elaborate installations, such an arrangement as given in the diagram will give excellent satisfaction. The single dry cell is used for microphone current supply, and since its voltage is only 1.5, no regulating resistances or meters are required. The advantages of this single dry cell method of current supply are obvious. The potentiometer acts as a volume control on either phonograph or microphone, although the average pickup has its own built-in control. The potentiometer also allows gradual fading from one to the other, and permits background music while announcing. The values shown in the dia-

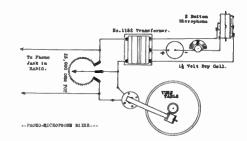


Diagram of simple Microphone Circuit with mixer for phonograph and two-button microphone

gram are correct for any installation where the connection to the set terminates at the primary of the audio In an installation where connection is transformer. made to the grid circuit of the detector tube, a standard microphone-to-tube-transformer and a volume control of 200,000 or 500,000 ohms would be required for best results. Also, it is generally necessary to ground the center post of the microphone transformer to prevent electrical feed-back or coupling. Acoustic coupling between the microphone and the loudspeaker is sometimes > entirely prevented by sepquite bothersome, but c quite bothersome, but $c \rightarrow$ entirely prevented by sep-arating the loud speake from the microphone some distance, or by installing the microphone in a separate room or inside a building or compartment apart from the set, which prevents sound from the loudspeaker reaching the microphone. The less expensive grades of microphones are quite naturally more susceptible to feed-back than the more expensive two button types.

Page Thirty

Week of

RADIO GOINGS ON ABOUT TOWN

Mr. H. E. Howard of the Waltham Radio Corporation, Ltd., is introducing to the trade this week his new Waltham midget receiver. He is shown in the picture below with one of the new chassis and directly in back of him are a large number which have just come off the line.

The Waltham midget has gained an enviable reputation and Mr. How-



ard says that this new model will not only live up to the former reputation but will better it.

"The Mission Bell chassis has proved its worth and is now in great demand by jobbers and department stores throughout the West who wish to offer a set under their own



name to their customers," Fleming one of the owners Mission cell Radio Manufa Co., pictured with Mr. Franke

Mr. Schmieter, one of the partners, has gone East to tor their distributing organization. The Davison-Haynes Manufacturing Company of Los Angeles, manufacturers of the popular An-



gelus midget, has brought out a beautiful new tea table model with a glazed art tile top. This model contains the latest type dynamic chassis.

Mr. Bob Haynes is all smiles these days because of the success which has come to them through the demand for their well-built radio sets.



The Echophone Midget is in greater demand than ever before and especially with the customers of the Walker Department Store. Mr. Ketter, the manager of the radio department, reports greatly increased sales and looks forward to a large turnover of Echophone sets during the coming season.

Frank Deardorf, who was very active in radio up to a year and a half ago, was down on Radio Row last week visiting some of his old friends. Frank was stricken with a serious illness which caused his retirement from the radio business and now, even though unable to become ac-



tively engaged again in business, he is looking very well and has a renewed interest in life.

For the first time in months Kierulff & Ravenscroft, Crosley distributors for California, have received large enough shipments to fill the orders from their dealers.

Al Ravenscroft and Charlie Kierulff are more than pleased with the way the public and trade have accepted the new models. They are looking forward to a successful season.

On left is pictured A. E. Ravenscroft and Chas. Kierulff.

Page Thirty-one

ON RADIO ROW

The Office Boy Sez: . . .

The most virile bug in the world is the "golf bug." It bites when least expected and once it *gets* a person it never lets go. In fact its hold becomes stronger and stronger until the victim completely succumbs to its power.

One usually becomes a slave in a most unsuspecting way. A kind friend (?) hands you a stick with a piece of iron stuck on the end of it called a golf club and with a most disarming and rather condescending smile on his face which conceals the diabolical motive behind his question, asks you if you wouldn't like to try to hit the little white gutta-percha ball. Thinking that it is easy, you eagerly grab the club, take a firm stance and whale away. The "golf bug" promptly gets his first hold on you for he engineers it so that you hit the ball firmly. sending it straight down the green lawn, usually referred to as a fairway, for quite a distance. The friend (?) feints surprise and bets you that you cannot do it again. You think it is easy so you take another swing at the ball and miss it; you try and try again but you cannot duplicate that first shot. Now the "bug" truly has you in his power, for you are going to spend a good part of the rest of your life trying to repeat that first long, straight shot.

Week-ends and every afternoon that can be taken off during the week from your business or profession will be spent chasing the elusive little pill around the green pasture trying to make it go where it is supposed to.

Oh, the misery the "golf bug" has caused! It has made thousands of golf widows and has caused untold numbers of children to be brought up during their adolescence without the guidance of a father. Yes, it has accomplished all these terrible things but in order to keep a good hold on its victims, keep them reasonably happy and make them become his co-workers, he keeps them out in the open so that they become tanned, deep-chested and powerfully built.

We are going to introduce to you this week three of our sturdy bronzed athletes who are "golf bug" victims.



The speed demon of Flintridge — the wizard of the irons. Claude is probably the best golfer in the radio industry, at least on the Pacific Coast. He has carried a four handicap for several years and he sure plays to it. He is an expert with the irons and after making one of his long straight shots to the pin you are a little ashamed to step up and demonstrate your pitiful slice.

You would naturally think a lay-off would put him completely off his

game. Not a bit of it, for he is one of those unusual men who can shoot a good game even though he has not had a club in his hands for months. Claude broke his ankle last spring and was unable to play for ten or twelve weeks. His second game after his ankle had healed sufficiently for him to hobble around the course was a snappy 74. Beat it if you can.

Yes. Claude is a dyed-in-the-wool victim of the "golf bug."



Harry, the master of the putter — the man who sinks them from the edge of the green.

The Putting Master is one of the old stand-bys at Hillcrest, the club located out on Pico Boulevard. He loves nothing better than to get with some of his cronies who have also been bitten by the "golf bug." start out bright and early and fight it out with them, shot for shot, for t h e entire eighteen holes. Many a hot game and a hotter argument has gone on for hours during these conferences held out in the great open spaces.

The Hillcrest course where Harry holds his important conferences probably has the best greens of any golf clu^k in California. They are smooth, close-clipped and will hold a firm true shot as truly as a well laid carpet. Is it any wonder that Harry is such an accurate putter?

Fred chases the elusive piil around the fairways of Pottern, that course out on Manchester in the center of the oil district.

When Fred and the other members are playing over this well laid out course they can gaze at the tall oil derricks that surround the grounds and contemplate what their club membership will be worth if oil is discovered on their property. It is a great satisfaction to the members who slightly stricken with bug' disease ic >ven :hough their _ad and their shou . at if oil is found the cough or the f w ream will be steady and the

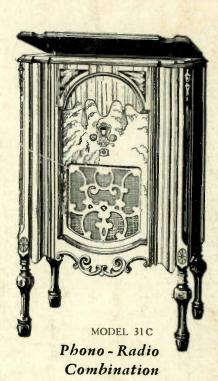
Fred is a "power house" driver and hits ...m long and straight. He is an eight handicap man and has been playing on the Potrero tean or several years. He has a bad case of "golf bugitts" and his case seems to be getting worse. The only core for this rabid disease is two broken arms.



U. S. APEX RADIO

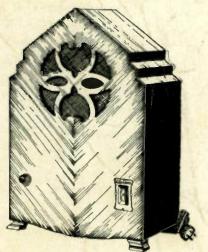
1931 MODELS

offer a complete line incorporating every new radio feature, including the marvelous new



\$182⁵⁰ Complete With Tubes

APEX TONE BLENDER



GLORITONE MIDGET

\$69⁵⁰ Complete With Tubes Tone Control at Your Finger Tips

We illustrate above the Model 31C Phonograph and Radio Combination, housed in a beautiful carved and decorated cabinet, finished in a rich dark walnut, incorporating the latest screen grid chassis. Of course it has the Apex Tone Blenderradio's latest feature. This tone control operates when playing either phonograph or radio. Priced much lower than you would expect, considering quality and performance.

The Newest Apex Product

APEX GLORITONE MIDGET

Screen grid—new type shielded chassis—Utah dynamic speaker —Type 45 output—stripped walnut cabinet. A complete, carefully engineered midget set that is indeed another evidence of the super radio values offered by Apex.

200

Exclusive Wholesale Distributor YALE RADIO ELECTRIC CO.

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