

FOR WEEK OF February

DIC: 4th to 10th



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SHORT-WAVE LOG

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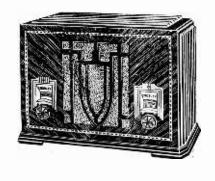
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This department is open to all. Send in your letters. Anonymous letters will not be published. Give full name and address.

TOO, must praise the greatest little old Radio Guide in the whole world. My subscription does not expire until in August, but very very shortly I am going to renew it, for I could never be deprived of such a necessity in radio enjoyment. To be without it I would be completely lost. During the holidays one copy was very late in arriving, due to crowding mails, and I was upset.

My object in writing is to ask what became of the Happy Chappies who sang over KNX all last winter, and also where Marian Mansfield is who until a short time ago was also featured over KNX? I sure miss Gypsy's department and trust she will soon be in Broadcast Weekly again. And why does One Man's Family have to come on at the same time as Myrt and Marge? Since one cannot listen to both, I leave out One Man's Family entirely, but certainly miss it.

[Editor's Note: Do not know the present whereabouts of Happy Chappies. Last information we had on Marion Mansfield she was on vaudeville tour.]

Very sincerely,

Mrs. Victor F., Boise, Idaho.

WANT to register, through your Open Circuit, a protest against such plays as the National Players put on recently. I am astonished that Barton Yarborough would consent to play such a sickening character as Carl, he is so wonderful in One Man's Family, and we all love him in that part. And the dialogue between Fritz and Carl's girl (not Margo, but the other one) was positively revolting. There are few enough dramas on the air, and we always look forward to the drama hour, but when such a thing as "Love in Vienna" is presented we certainly feel cheated and sick at our stomachs. Surely, out of all the plays in the world they could find something better than "Love in Vienna."

And I thought we were going to have "Sherlock Holmes" and "The Old Timer" back again, and why doesn't someone sponsor the ghost stories and The Story Teller;

they were fine and we enjoyed them. And I. for one, will be mighty glad when the blues singers go out of style. If Bing Crosby (who has such a pretty voice) would sing like Drury Lane, he would sound human instead of like someone dying or wanting to die. I like jazz just as much as anyone when it is played by a good orchestra, but when some of these would-be singers sing the chorus it is all spoiled for me. Such music as Firestone have on their program is real music, both the vocal and instrumental; too bad we can't have more like it.

We would like more dramas—good ones. Enjoy your little magazine more than I can express; couldn't get along without it.

And oh yes, why is it I can only get Columbia News only once in awhile; had it Monday night, but couldn't get it last night and am disappointed when I can't get it.

My whole family are great radio fans and don't very often find fault with the programs, but we just couldn't let last Monday night's play go without criticizing it.

N. J. H., Stockton.

MUST add my bit of praise for the best little magazine ever. I simply would be lost without it and my radio. Of course I have my pet programs and tune from one station to another to suit the occasion.

Why find fault with the people who work so hard to provide this convenient arrangement for us? They can't please everyone and for my part if I have to miss something I would like to listen to I just omit the least desirable and am thankful there is one for each day of the week that is outstanding. On Sunday it is the "Bridge to Dreamland." on Monday the "Carnation Contented Hour," Tuesday "Memory Lane." Wednesday "Corn Cob Pipe Club." Thursday "Captain Henry's Show Boat." Friday "One Man's Family," Saturday "Caswell Concert." And of course there are many others over other stations aside from KGO.

So here is my extension of my subscription to this wonderful book.

Thank you so much.

Mrs. J. E. P., Quincy, H'n.

ETHER GLEANINGS

By J. CLARENCE MYERS

HE fact that the immortal mammy singer—Al Jolson—is coming back on the air may or may not promote en-

thusiasm in the dialing legion.

But one way or the other, the noted singeractor IS coming back on the radio stage February 8. He will be heard weekly thereafter on Thursdays over the NBC wireup from coast to coast from 7 to 8 o'clock Pacific standard time. Kraft Cheese Com-

pany is the sponsor.

To many, Jolson will always remain a favorite, but to most of us it has been noticeable that his radio appearances haven't done him as much good—except financially—as it has to other stage celebrities. This year may be different though, and Jolson, if his sponsors don't insist on too much of his sob stuff, may click bigger than ever with the air audience. Here's hopin'.

Two programs your humble servant thinks will be well worth your while listening to: Ted Fio Rito and his orchestra on the Old Gold program on KFRC and CBS stations from coast to coast February 7, 7 to 7:30 p.m.

Waring's Pennsylvanians on the Ford Dealers program Sunday, February 4, from 5:30 to 6 o'clock and Thursdays from 6.30 to 7 o'clock. Ditto, KFRC and CBS coast to coaster.

By coincidence all the beer programs that were being produced at the Pacific Coast NBC headquarters are off the air at present. Pabst Blue Ribbon beer with the old maestro, Bernia, at the controls still breezes through, though, from the East.

Lanny Ross, the singing hero of "Captain Henry's Show Boat" who is making a picture at the Paramount Studios in Hollywood, is appearing as usual on the "Show Boat" on the NBC. Here's how it's done. He sings before an NBC mike in Los Angeles. His voice is carried over land wires to New York, where it is sent out over the coast-to-coast network over the same wires that carry the rest of the "Show Boat" program.

Ralph Brunton, papa of KJBS, is back home in San Francisco after having made a trip throughout the East. He went there specifically to make application before the Federal Radio Commission for an increase in power. That is pending now. Brunton visited Chicago, New York and Kansas, and

states that optimism is high in the business world. Radio broadcasting business is looking up, too, he stated.

Harrison Holliway, KFRC's chief, announces the appointment of Robert Bowman as assistant production manager of KFRC. He comes from KGB, San Diego, where he was production and program manager.

Frank Galvin has been named general manager of KTAB, succeeding Bob Roberts, who resigned last week to devote his entire time to his advertising business. Galvin, for the past six months, has been production manager of the station.

Like the old-time barn dance tunes? You can dial 'em now every Saturday night from 8 to 8:30 o'clock on KGO. Dr. Miles Laboratories, who turn out Alka-seltzer, are paying the bill for a coast to coast broadcast of the old-timers.

Fred J. Hart, manager of KQW, has announced the addition of several outstanding new radio features to the station's schedule. Cecil and Sally episodes are being broadcast now every night except Saturday and Sunday from 7:45 to 8 o'clock; Eb and Zeb, the famous rural comic team, are cavorting bebefore the KQW mikes at 9 p. m. on Mondays, Wednesdays, Thursdays and Fridays, and Coleman Cox, the noted author and psychologist, is heard daily except Sunday at 8:45 a. m.

A broadcast over the CBS net from the world's largest wireless transmitter at Rugby, England, will bring a number of interesting things to listen to, if present plans don't go haywire. The date set for the unique broadcast is Saturday, February 17. A demonstration of "scrambling" will be given the radio audience. "Scrambling" is the intricate process employed to maintain secrecy for international telephone conversations. The speaker's words are so scrambled up that all listeners except the one the message is intended for cannot understand a word of it. At the receiving end the message is "unscrambled" and appears just as it was sent out originally.

Caswell has changed the time of its broadcast of light opera gems to Tuesday nights on the NBC at 7:45 o'clock. For several years it was heard on Saturdays.

Bernard Katz, the renowned pianist, is a frequent participant on KYA programs.

The San Francisco Forum is presenting a new series of educational talks over KYA Saturday nights from 6 to 6:15 o'clock.

Val Valente, whose zippy chunes used to permeate the ether domain hereabouts some years ago, is back at it again. He and his orchestra broadcast from the Lido Cafe, a San Francisco night spot, Tuesdays, Thursdays and Saturdays over KTAB.

Another new coast to coaster which flits out over the NBC wireup is "Rings of Melody." But it has nothing to do with wedding or ear type. Its sponsor makes piston rings. So there. Anyhow' Ohman and Arden, Ed Nell and Arline Jackson are featured, and it gets under way for the first time February 4. Dial it on KGO.

Gardenias and orchids to KFRC for the reënactment of the "Titanic" sinking. The drama— a bit of the Jamboree a couple of weeks ago-drew a very commendable letter from Fred Toms of Los Angeles, one of the survivors of the ill-fated queen of the seas which sunk after hitting an iceberg many years ago. He praised the accuracy with which the drama was presented and the lifelikeness of the production.

The boys and gals at the NBC are staging their annual contract bridge tournament. It is to continue for six weeks. Announcers, singers, actors and production men, not to forget the ladies and gentlemen of the press department, are brushing up on their Culhertson and Sims. Enrolled are: Irene Noblette, Mrs. Tommy Harris, Edna Fisher, Milton Hayes, Nelson Case, Mrs. Case, Rita Lane, Ned Tollinger, Mrs. Tollinger, Myron Niesley, Mrs. Niesley, Ted Maxwell, Lloyd F. Voder, Sudney Dornie Harald Rock Cliff E. Yoder, Sydney Dorais, Harold Bock, Cliff Anderson, and others.

The H. G. Heinz Company of the "57 Varieties" fame, are presenting their coastto-coast broadcasts direct from their own factory in Pittsburgh, Pa. The program consists of an organ concert and home eco-nomics talk, and is wafted out Mondays, Wednesdays and Fridays on KGO at 9:15

Amos 'n' Andy will continue to amuse for 1934. They have been re-signed for another year by their sponsor. Ditto that Ladv Esther Serenade program, and Manhattan Merry-go-round, both NBC events.

Word comes our way that Henry Ford is finally going on the air. He is scheduled to do some broadcasting, featuring Fred Waring's orchestra beginning some time after February 1.

The NBC has appointed Ralph Farnum their representative to secure talent to work with Rudy Vallee on his Fleischmann Hour while the noted masetro is in Southern California working in a picture for Fox.

George Taylor, m. c. of that KTAB Radio Frolic daily at 1 p. m., devotes a portion of his program each day to pay tribute to some celebrity. He dedicates special musical numbers to them.



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AL (ALBERT) PEARCE names as his birthplace, San Francisco. He attended grammar and high schools in San Jose, Calif., and was in the real estate business prior to becoming a broadcaster. To him goes the honor of founding the popular Happy Go Lucky Hour. He is about thirty-five, 6 feet 1 inch tall, weighs 190 pounds, has tawney hair and blue eyes. There is a Mrs. Al Pearce who was Audrey Carter before her marriage.

KAY KYJER BACK

The popular orchestra and glee club that substituted for Tom Gerun last summer is again at Bal Tabarin while Gerun's orchestra is at the New Orleans Mardi Gras.

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SILHOUETTES

USICIANS and busmen take their holidays seriously; so do singers. That's why, when Harry Stanton, NBC basso, finishes a particularly long and arduous radio program, he hastens away from the studio just as fast as his car can make it through traffic. A few minutes later you're apt to find him rehearsing, with all the enthusiasm of somebody who has just started to work, a rôle in the Chamber Opera Company's next production.

"Relax? Sure I relax," explains Harry. "Singing's fun as well as work—the best fun I know."

He's built for the strenuous round to which he has keyed his life, is the big boy with the ruddy hair, twinkling blue eyes, and deep, rich voice. Several inches over six feet, and broad in proportion, he has a Viking look about him which goes well with stage armor and uniforms, and gives a military touch to the Beau Brummel fit of his clothes.

Stanton came to radio and the National Broadcasting Company in 1928 as a member of a quartet of college men which was known as "The Foursome." He is the basso of the Doric Quartet which is heard on many NBC programs, and featured on the Carefree Carnival, where Harry does a line or two in a speaking part now and then, as well as singing. He has a ten-minute recital on Thursday afternoons over KPO, when he rolls out deep notes and sings folk songs, operatic arias and ballads, all with equal enjoyment to his listeners and himself.

One of those versatile singers whose range of talent is so valuable in radio, Stanton has been singing as long as he remembers, but never expected to make a career of his voice until after he left college. He is a graduate of Washington State College, and his family background is altogether northwestern. His grandfather drove alone across the continent with a gun, camping outfit and four horses, in 1852. Harry lives up to his pioneer stock; as a boy he spent his summer vacations in the wheatfields, and kept fit for football in the autumn, and he manages to get in a good deal of exercise now.

At Washington State, where he studied business administration, he became a member of the varsity quartet, and managed it during the next four years, but when he got his A. B. he believed he was saying farewell to music. For eight months he was a business man, with an office and everything. Then one day three old classmates from Washington State dropped in—the office was in Portland—and the boys started to harmonize. A few days later, without regrets, Harry turned the key in the office door forever, and "The Foursome" went on tour. They sang their way up and down the Pacific Coast in vaudeville and picture houses; then followed an engagement with Paul Ash, in Chicago, and a cross-country tour brought them to San Francisco. Harry decided to remain here and study music seriously, and the National Broadcasting Company signed him.

HIL BAKER, the Armour Jester heard over NBC networks, spent his childhood running away from home in New York. The third time he ran away, at the age of fifteen, he landed in Boston, broke and hungry . . . and leaped at the chance to make fifty cents in an amateur night show at the Bowdoin Square Theatre . . . audience liked him, so he was booked again, salary one dollar . . . but that was all and he had to work his way back to New York. He became secretary to Carl Laemmle of the old I M P Film Company, handing out salary checks to Mary and Lottie Pickford and King Bagot . . . the pianist at the corner movie became ill one night, and Baker got the job . . . he knew only three tunes, but the boss was tone deaf and didn't know the difference . . . later to vaudeville, joining Ben Bernie in a violinaccordion act . . . afraid to utter a word on the stage before the war, Phil joined the navy and learned to talk, plenty . . . after the war he became the country's first \$5000a-week master of ceremonies and stage star ... starred in stage revues until 1933, when he finally went into radio . . . now he's rated one of the air's top attractions . . . is married to Peggy Cartwright, the English actress. Entire acting cast of Phil's radio show lives in one house, in Evanston, Ill. There they work together, writing show, rehearsing, polishing up gags. Phil likes kids . . . gives away hundreds of nickels each month to urchins he meets on the street and pitches in and takes part in corner-lot football games and sidewalk marble contests . . . a baby daughter arrived in the Baker family late in November, 1933.





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CAL (CLARENCE) PEARCE is the brother of AI and a few years his senior. He is a serious chap with a year or two of teaching to hIs credit and reads everything pertaining to travel and customs in out-of-the-way places. HIs radio debut was made about four years ago in a harmony team with his brother (his is the deep bass voice of the duo). Over six feet in height, weighs approximately 170 pounds, has dark brown eyes and black hair. Is considered one of the best golfers on the Coast. Unmarried.

HOW MUCH DO YOU KNOW...

about the expressions and "catch" phrases that you use every day? Why do you say "once in a blue moon" or "he got my goat"? The origin of these and other popular sayings of the day make fascinating stories, which are now brought to the air each week by the United Milk Company. Hear this fascinating series of dramas....

Threads of Tradition

OVER



Each Sunday evening at 6:30

MICROPHONE GOSSIP

- • For the most versatile radio star we nominate Captain William H. Royle, "Bill" to you. Erstwhile luminary of the Associated Spotlight Review and now the Muchly-millioned Daddy Warbucks in "Orphan Annie," this alert and widely talented gentleman is simultaneously general manager for the Capitol Speed Lines operating a line of speedy passenger air craft between San Francisco, Sacramento and points north. When you want to get some place quick fly with Captain "Bill."
- • The prize engineering assignment of the National Broadcasting Company was given to one of the newest members of the company's engineering staff recently. The assignment was that of operating engineer of station KNRA and the lucky engineer was Carey P. Sweeney, who has been with NBC since June, 1933.

When Phillips H. Lord started his cruise around the world in the four-masted schooner Seth Parker, NBC installed the KNRA transmitter aboard and, of course, had to send an operating engineer along to handle the broadcasts from the schooner. Because of his background and experience Sweeney

was chosen.

Lord and his crew broadcast each Tuesday from cities along the Atlantic seaboard under the auspices of the Frigidaire Corporation, until the ship clears Mianni. After that the broadcasts from points all over the world will be intermittent. Sweeney will handle the technical phase of the broadcasts.

Sweeney, a native Texan, was educated at Texas A. & M. College and worked in the development laboratories of the General Electric Company, RCA Communications and Bell Telephone Company before coming to NBC. He also was for a time a radio

operator aboard ship.

• • • Accepting an invitation to bring his orchestra to New Orleans for the spectacular annual Mardi Gras, Tom Gerun will temporarily forsake the western ether lanes for an engagement at Club Forrest, the outstanding night club of New Orleans.

Gerun's great success at the Century of Progress last year was responsible for his

securing the New Orleans contract.

• • • Homer Canfield, young radio veteran and newspaperman, has been signed by Van C. Newkirk, program director of KNX, to appear twice weekly in quarter-hour pro-

grams on KNX. For several years before going to Los Angeles from San Francisco, Canfield was featured on one of the big stations in the Bay District,.

While preparing for a radio career, he returned to the newspaper business in which he started after leaving college for "show business." He writes a radio column for eight newspapers in southern California.

KNX has offered, and Canfield has accepted, a flattering figure for his feature work, and he will devote much of his time to his radio career before the microphone.

- • Morey Amsterdam and Yogi Yorgeson, driving to Sacramento recently, had a tire blow out on them. They limped into what looked like a garage by the side of the road and spent a couple of hours waiting for it to be fixed. The fixer proved to be quite a comedian. Instead of removing the wheel he pulled the tire off, giving himself a black eye with a screwdriver in doing it. He patched the tire and put it back on the wheel and then discovered the air pump wasn't close by so he had to take it off again. Yogi and Morey got into Sacramento with the tire, after it was finally fixed, but they had to have it pumped up again at every gas station. But it all worked out well because they got enough material from the garage man for a lot of broadcasts.
- • Six stalwart fishermen from KFRC, all equipped with the latest in tackle and lures (?), invaded Lake County over the week-end intent on cleaning out all the big ones in Lower Lake. They came back early on Monday morning proudly displaying—one can of sardines. Harrison Holliway says he fished all day Saturday and rowed more miles than he ever had rowed before, and all the fish he saw was one, taken from the lake by a native. The party decided this was just a property fish, that is thrown back after being exhibited to hopeful anglers. In addition to Mr. Holliway, who, by the way, was really "some" fisherman in his very young days, the group included Ellis Levy, Claude Sweeten, Earl Smith, Arnold Maguire and Jennison Parker.
- • Ed Fitzgerald, genial master of ceremonies on the Feminine Fancies hour, at 3 every afternoon except Saturdays and Sundays over KFRC, is spending anxious hours trying to raise his fifth Argyle terrier. Four that he has had previously have suc-

cumbed to change of environment from the heatherclad hills of Scotland to California. All have been named Mopsy. The present Mopsy shows the characteristics of his predecessors in wanting to eat everything in sight, preferably what is not good for him, and Ed is growing careworn in the struggle to keep him from killing himself.

• • • Gus Arnheim, founder of the "ace band from movieland" heard with Bing Crosby and the Mills Brothers over the Columbia network, is noted not only as a conductor but as a composer, arranger and

pianist as well.

Arnheim has been familiar to network audiences since his appearance three years ago at the Winter Garden in Chicago. Prior to that engagement, his orchestra played for many seasons at the Cocoanut Grove of the Ambassador in Los Angeles, succeeding his friend. Abe Lyman. Abe and Gus first met as members of the Syncopated Five in Chicago when Arnheim played the piano, and Lyman, following a livelihood as a taxi driver, played the drums.

The rise of Arnheim goes back to the days when he was vacationing in New York and met Sophie Tucker at Reisenweber's Cafe, Gus summoned up enough courage to attempt a two-piano trial with Miss Tucker's act. The inimitable Sophie promptly "adopted" Gus as her protege and took him on a vaudeville tour to the West Coast.

- • Having twisted the dials of his radio in vain ever since arriving in Halifax, Leonard Bishop, manager of the Capitol Theater, was delighted last night when he became successful in his hide and seek game with the ether waves. He heard his brother's voice coming in clear and sweet from Station KNX, the Voice of Hollywood. Joe Bishop, who is on the staff of KNX, at the Paramount studios, was singing with the orchestra—"Sitting On a Backyard Fence"—one of the numbers from "Footlight Parade." And that was more than 4,000 miles from his Halifax brother.
- • Gary Breckner, producer of dramatic programs and sports announcer for KHJ, has assumed duties as program director and production manager of KGB, the Don Lee station at San Diego. He succeeds Robert Bowman, transferred to KFRC, San Francisco, as assistant production manager.

Breckner, a former football star with the University of Iowa, and later a college football coach in Emporia, Kansas, and at Whittier College in California, first entered radio work several years ago a special feature announcer for KHJ. He later stepped into sports announcing, where he built up

a reputation for accurate observation and clear-cut reporting of athletic contests. He has been in charge of dramatic programs at KHJ and conducted the Merrymakers, Globe Headlines, Charlie Lung and his Gang, Conquerors of the Sky, and other features. His first job at KGB will be to arrange live talent programs with talented San Diegans supplying the features. He plans an extensive campaign to uncover new radio talent at the border city.

- • They started early, most of the Al Pearce Gang members. Jackie Archer could play the piano when she was six; Earl Hatch was playing in an orchestra when he was 12: Mable Todd sang at the Los Angeles Philharmonic Auditorium at the tender age of six; Morey Amsterdam went nto vaudeville after leaving high school; Andy Andrews was an entertainer in college and Al himself played the banjo while he was still a grammar school kid.
- • The Bakers Broadcast with Joe Penner and Ozzie Nelson has shown remarkable progress in the program popularity surveys. The rapidity with which it has reached a high rating is something of a sensation in advertising and broadcasting circles. Joe has accepted theatre dates at the Paramount, New York, and in Cleveland, but they will not interfere with his broadcasting.
- Radio engineers, inspecting Colonel Charles A. Lindbergh's big red and black monoplane on exhibition at the American Museum of Natural History in New York, have marvelled at the unprecedented performance of the radio equipment under the capable handling of the Colonel's Lady. The little set, donated to the museum along with the rest of the equipment carried by the Lindberghs on their recent 30,000-mile, fourcontinent flight, weighs less than seventy pounds and uses less current than the smallest house bulb, yet it has been heard a quarter of the way around the world. Mrs. Lindbergh, who, with her husband, received her schooling in radio from engineers of the Pan-American Airways System, and who holds a third-class commercial license as a radio operator, also came in for high praise for her efficient, business-like operation of the set under conditions varying from Arctic blizzards to equatorial thunder storms. Her signals, listeners reported, came at all times as sharp and clear as a professional operator's.
- • Bill Carey, snappy singer of "hot" songs for the past year with Ted Fio-Rito, has joined the staff at KFRC and will be heard regularly on several programs there.

Carey, who was born in Hollister in 1915 and is therefore only 18 years old, began his career a year ago when he won an audition conducted by Fio-Rito. Offered a contract by the noted band leader, he quit his work in the San Francisco High School of Commerce to become a professional singer. His work at KFRC will be combined with regular appearances with Hermie King's orchestra at Will King's cafe, through arrangement with the Thomas Lee Artists' Bureau.

• • • Since the Casa Loma boys incorporated themselves in 1931 under the presidency of Glen Gray, it is etsimated they have travelled in the vicinity of 130,000 miles. In this period they have played before visible audiences totalling more than two millions... Colonel Stoopnagle is trying to forget that he once wrote eight burlesque detective stories and sold them to pulp magazines under his "nom au natural," F. Chase Taylor... Vincent Sorey is writing an "Improvisation Sonata" for violin and piano... Gertrude Niesen keeps her gloves on when she sings before the microphone to deaden the sound when she slaps her hands together.

• • • Jack Benny often has difficulty in convincing people that Jack Benny is his real name. But the facts are that he was born Jack Benny in Chicago, February 4, 1894, and attended Waukegan High School, Waukegan, Ill.

Benny got his first taste of the show business in vaudeville in a musical act. Later he made the Shubert revues on Broadway and then broke into the pictures with Metro Goldwyn Mayer. His first picture was "Hollywood Review." He made his mark with Earl Carroll's Vanities for two seasons and is today relatively a newcomer to radio.

- • Johnny Marvin, the lonesome singer of the air, has probably been presented with more guitars and ukuleles than any other living person, but the one he treasures most is a "retired" ukulele which he carried through a landslide, an earthquake and two auto accidents. Nothing ever happened to the uke, although once it flew up into a tree and lodged there.
- • John McCormack. NBC tenor, is a linguist as well as a singer. This was demonstrated as the noted artist answered a telephone following a recent broadcast from Radio City.

The hostess and page boys who overheard him were amazed when McCormack spoke volubly in Italian to a Latin friend in Chi-

"Pretty good for an Irishman, eh?" asked the singer, winking as he hung up. • • • J. Newton Yates, KNX staff organist, who is a daily feature of the 25,000-watt station, is said to hold the record for attendance on the job.

Starting in a Long Beach radio station over ten years ago, J. Newton Yates has missed but one broadcast during his entire career, and that was recently when he had a bad fall, spraining his ankle to the point where it could not be set on the ground.

Although he had four programs to play during the morning and afternoon, and while his fall came as he was leaving his home in Culver City to go to the Hollywood studios, he made three of the programs when he had Mrs. Yates hurry to a Culver City hospital and get a set of crutches, which he rented for the week. Mrs. Yates drove him to and from the station and by playing the organ's base notes on two keyboards with one hand. Yates was able to make his programs and give his usual performances.

- • Bert Wheeler, the pathetic-eyed member of the great movie comedy team of Wheeler and Woolsey, was heard on the Hinds' Hall of Fame program Sunday, January 21, is one "home town boy who made good" who never under any circumstances will appear in public in his old home town. He claims most of his stage heartbreaks occurred in his birthplace. Paterson, N. J., and so he positively refuses to appear in person in his home town, even though his movies are always huge hits there.
- • Urbin Hartman and his accompanist, Howard Chandler, both of the "Singing Guardsmen," present their own KNX feature entitled "Bouquet of Memories." Hartman, who has been arranger and director of "The Singing Guardsmen" during the past three years, recently severed his contract with the group to follow a radio career, intermingled with solo work in talking pictures.

"Bouquet of Memories" is a segue program, without talk between musical selections and this method of singing has advanced the popularity of the young tenor.

• • • You may not know that Welcome Lewis, NBC songbird, was born in Hollywood. Miss Lewis is five feet tall, weighs 100 pounds. She is the daughter of Katherine and Julian J. Lewis, professional dancers. Her first public appearance was at the age of 12 in Grauman's Million Dollar Theatre in Los Angeles. She had her first radio audition with NBC in 1929. Before Miss Lewis came to radio she starred in vaudeville, where she was known as "The Vest Pocket Edition of Nora Bayes."

SHORT WAVE STA

NOTE: Stations marked with a star (*) are the most active

Palo Alto, Calif. 1540 Kc. 13.93 Mtrs. W8XK, Westingobuse Elec. Saxonburg, Pa. Relays KDKA Programs 1470 Kc. 13.97 Mtrs. GSH, British Broad. Corp. Daventry, Eng. British Empire Programs 1420 Kc. 14.01 Mtrs. WKK, A. T. & T. Co. Lawrenceville, N. J. 1130 Kc. 14.15 Mtrs. LSM, Buenos Aires, Argen. Commercial Radiophone 1060 Kc. 14.25 Mtrs. WKA, Lawrenceville, N. J. 1020 Kc. 14.27 Mtrs. LSN, Buenos Aires, Argen. Commercial Radiophone 10730 Kc. 14.27 Mtrs. LSN, Buenos Aires, Argen. Commercial Radiophone 10380 KC. 14.27 Mtrs. SY, Buenos Aires, Argentina Commercial Radiophone 10380 KC. 14.72 Mtrs. SG, Buenos Aires, Argentina Commercial Radiophone 10980 Kc. 15.87 Mtrs. SG, Buenos Aires, Argentina P9820 Kc. 15.14 Mtrs. WKN, A. T. & T. Co. Lawrenceville, N. J. 19355 Kc. 15.50 Mtrs. FTM, St. Assise, France 19220 Kc. 15.66 Mtrs. WKF, A. T. & T. Co. Lawrenceville, N. J. Transoceanic Radiophone 19160 Kc. 15.66 Mtrs. GAP, Rugby, England 18830 Kc. 15.81 Mtrs. GAQ, Rughy, England 18830 Kc. 15.93 Mtrs. PLE, Bandoeng, Java 18345 Kc. 16.35 Mtrs. PMC, Bandoeng, Java 18345 Kc. 16.35 Mtrs. PMC, Bandoeng, Java 18340 Kc. 16.36 Mtrs. KJA, Lawrenceville, N. J. 18310 Kc. 16.38 Mtrs. KJA, Lawrenceville, N. J.	27800 Kc. 10.79 Mtrs.
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8370 Kc. 16.33 Mtrs. PMC, Bandoeng, Java 18345 Kc. 16.35 Mtrs. FZS, Saigon, Indo-China 18340 Kc. 16.36 Mtrs. WLA, Lawrenceville, N. J. 18310 Kc. 16.38 Mtrs. GAS, General Post Office Rugby, England 18240 Kc. 16.44 Mtrs. FRO, FRE, St. Assise, France 18200 Kc. 16.48 Mtrs.	18620 Kc. 16.11 Mtrs.
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GAS, General Post Office Rugby, England 18240 Kc. 16.44 Mtrs. FRO, FRE, St. Assise, France 18200 Kc. 16.48 Mtrs.	18340 Kc. 16.36 Mtrs.
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	18200 Ke. 16.48 Mtrs.

Stations marked w	ith a star (*) a
18040 Kc. 16.63 Mtrs. GAB, Rugby, England	14590 Kc. 20.56 Mtrs. WMN, Lawrenceville, N. J.
17810 Kc. 16.84 Mtrs. PCV, Kootwijk, Holland	14470 Kc. 20.73 Mtrs. WMF, Lawrenceville, N. J.
17780 Kc. 16.87 Mtrs. W3XAL, National Broad. Co. Bound Brook, N. J.	14525 Kc. 20.65 Mtrs. XDA, Trans-News Agency Mexico City
17770 Kc. 16.88 Mtrs. ★GSG, British Broad. Corp. Daventry, England	14530 Kc. 20.65 Mtrs. LSA, Buenos Aires, Argentina
British Emipre Programs	14440 Kc. 20.78 Mtrs. GBW, Rugby, England
17775 Kc. 16.88 Mtrs. ★PHI, Huizen, Holland	13990 Kc. 21.44 Mtrs GBA, Rugby, England
17640 Kc. 17.00 Mtrs. Ship.—Ships	13585 Ke. 22.08 Mtrs.
17310 Kc. 17.33 Mtrs, EXP., General Experimental	GBB, Rughy, England 13465 Kc. 22.28 Mtrs.
17120 Kc. 17.52 Mtrs. W00, A. T. & T. Co.	GBQ, Rugby, England 13390 Kc. 22.40 Mtrs. WMA, A. T. & T. Co.
Ocean Gate, N. J. 17120 Kc. 17.52 Mtrs.	Lawrenceville, N. J.
WOY, Lawrenceville, N. J. 17080 Kc. 17.56 Mtrs.	12210 Kc. 22.71 Mtrs. W00, Ocean Gate, N. J.
GBC, Rugby, England	12863 Kc. 23.32 Mtrs. EXP, General Experimental
16270 Kc. 18.44 Mtrs. WLK, A. T. & T. Co. Lawrenceville, N. J.	12840 Kc. 23.36 Mtrs. WOY, Lawrenceville, N. J.
16270 Kc. 18.44 Mtrs. WOG, Ocean Gate, N. J.	12840 Kc. 23.36 Mtrs. W00, Ocean Gate, N. J.
16233 Kc. 18.48 Mtrs.	12825 Kc. 23,39 Mtrs. ★CNR, Director General
FZR, Saigon, Indo-China 15880 Kc. 18.90 Mtrs. FTK, St. Assise, France	12780 Kc. 23.47 Mtrs. GBC, Rughy, England
15490 Kc. 19.36 Mtrs.	12290 Kc. 24.41 Mtrs. GBU, Rughy, England
J1AA, Kemikawoa-Cho-Chiba- Ken, Japan	12260 Kc. 24.47 Mtrs. FTN, St. Assise (Paris), Fr.
15330 Kc. 19.56 Mtrs. ★W2XAD, General Elec, Co.	12150 Kc. 24.69 Mtrs. GBS, Rugby, England
Schenectady, N. Y. 15295 Kc. 19.61 Mtrs.	12000 Kc. 25 Mtrs. RNE, Moscow, U. S. S. R.
CP4, La Paz, Bolivia 10:30-11:30 A. M.	11950 Kc. 25.10 Mtrs. KKQ, Bolinas, Calif.
15270 Kc. 19.65 Mtrs. ★W2XE, Atlantic Broad. Corp. Wayne, N. J.	11880 Ke. 25.25 Mtrs.
Wayne, N. J. 15243 Kc. 19.68 Mtrs.	★FYA, "Radio Colonial" Pontoise, Paris, France
FYA, "Radio Colonial" Pontoise (Paris), France	11870 Kc. 25.26 Mtrs. ★W8XK, Westinghouse Elec. Co., Saxonburg, Pa.
15210 Kc. 19,72 Mtrs.	Co., Saxonburg, Pa. 11865 Kc. 25.28 Mtrs.
★W8XK, Westinghouse Elec. & Mfg. Co. Saxonburg. Pa.	★GSE, British Broad. Corp. Daventry, England
15200 Kc. 19.73 Mtrs. ★DJB, Zeesen, Germany	British Empire Programs 11830 Kc. 25.36 Mtrs.
15140 Kc. 19.81 Mtrs.	★W2XE. Atlantic Broad. Corp. Wayne, N. J.
★GSF, British Broad. Corp. Daventry, England	11810 Kc. 25.4 Mtrs.
15120 Kc. 19.83 Mtrs.	★12RO, Rome, Italy 11790 Ke. 25.45 Mtrs.
★HVJ, Vatican City Rome, Italy	WIXAL, Boston, Mass.

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90 Kc. 20.56 Mtrs. IN, Lawrenceville, N. J.	11760 Kc. 25.50 Mtrs. ★DJD, Zee sen, Germany
70 Kc. 20.73 Mtrs. MF, Lawrenceville, N. J.	11750 Ke. 25.53 Mtrs. ★GSD, British Broad. Corp.
25 Kc. 20.65 Mtrs. DA, Trans-News Agency Mexico City	Daventry, England 11730 Kc. 25.57 Mtrs.
30 Kc. 20.65 Mtrs.	★PHI, Huizen, Holland 11720 Kc. 25.6 Mtrs.
Buenos Aires, Argentina	★VE9JR, Winnipeg, Canada
40 Kc. 20.78 Mtrs. GBW, Rugby, England	11705 Kc. 25.63 Mtrs. ★FYA , "Radio Colonial" Pontoise (Paris) France
00 Kc. 21.44 Mtrs GBA, Rugby, England	11680 Kc. 25.68 Mtrs.
85 Kc. 22.08 Mtrs. GBB, Rughy, England	K10, Kahuhu, Hawaii 11340 Kc. 26.44 Mtrs.
65 Kc. 22.28 Mtrs,	DAN, Nordelch, Germany
GBQ, Rugby, England 90 Ke. 22.40 Mtrs.	11181 Kc. 26.83 Mtrs. ★CT3AQ, Funchal, Maderia
WMA, A. T. & T. Co. Lawrenceville, N. J.	10770 Kc. 27.85 Mtrs. GBP, Rugby, England
10 Kc. 22.71 Mtrs. /00, Ocean Gate, N. J.	10675 Kc. 28.1 Mtrs. WNB, Lawrenceville, N. J.
63 Kc. 23.32 Mtrs. (P, General Exnerimental	10550 Ke. 28.44 Mtrs.
40 Ke. 23.36 Mtrs.	WOK, A. T. & T. Co. Lawrenceville, N. J.
DY, Lawrenceville, N. J. 40 Kc. 23.36 Mtrs.	10530 Kc. 28.49 Mtrs. GBX, Rugby, England
00, Ocean Gate, N. J.	10520 Kc. 28.51 Mtrs.
25 Kc. 23,39 Mtrs. CNR. Director General	VLK, Sydney, Australia
80 Kc. 23.47 Mtrs.	10410 Kc. 28.80 Mtrs. PDK, Kootwijk, Holland
GBC, Rughy, England 90 Kc. 24.41 Mtrs.	10410 Kc. 28.80 Mtrs. KES, Bolinas, Calif.
GBU. Rughy, England 60 Kc. 24.47 Mtrs.	10350 Kc. 28.98 Mtrs.
N, St. Assise (Paris), Fr.	LSX, Buenos Aires, Argentina
50 Kc. 24.69 Mtrs. GBS, Rugby, England	10300 Kc. 29.13 Mtrs. LSL, Buenos Aires, Argentina
00 Kc. 25 Mtrs.	10055 Kc. 29.84 Mtrs.
E, Moscow, U. S. S. R. 50 Kc. 25.10 Mtrs.	2FB-VRT, Hamilton, Bermuda 9950 Kc. 30.15 Mtrs.
KKQ, Bolinas, Calif.	GCU, Rugby, England
80 Kc. 25.25 Mtrs.	9890 Kc. 30.30 Mtrs.
FYA, "Radio Colonial" Pontoise, Paris, France	LSN, Buenos Aires, Argentina
70 Ke. 25.26 Mtrs.	9870 Kc. 30.4 Mtrs.
/8XK, Westinghouse Elec. Co., Saxonburg, Pa.	9870 Kc. 30.4 Mirs.
65 Kc. 25.28 Mtrs.	JIAA, Kemikawoa-Cho-Chiba- Ken, Japan
SE, British Broad, Corp. Daventry, England	9860 Kc. 30.43 Mtrs.
tritish Empire Programs	★EAQ, Madrid, Spain
30 Kc. 25.36 Mtrs.	9790 Ke. 30.64 Mtrs.
2XE. Atlantic Broad. Corp. Wayne, N. J.	9750 Kc. 30.77 Mtrs.
10 Kc. 25.4 Mtrs.	9750 Kc. 30.77 Mtrs. WOF, Lawrenceville, N. J.
★12RO, Rome, Italy	9675 Ke. 31 Mtrs.
90 Ke. 25.45 Mtrs. WIXAL, Boston, Mass.	★T14NRH Heredia, Costa Rica
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and easily heard stations, and transmit at fairly regular time.

9710 Kc. 30.89 Mtrs. GCA, Rugby, Espland	8036 Ke. 37.33 Mtrs. CNR, Rabat, Morocco	6140 Kc. 48.86 Mtrs. ★W8XK, Westinghouse Elec.	6005 Kc. 49.96 Mtrs.
9600 Kc. 31.25 Mtrs.	7920 Kc. 37.88 Mtrs. GCP, Rugby, England	& Mfg. Co. Saxonburg, Pa.	VE9DR, Canadian Marconi Co. Drunmondville, Quebec 6005 Kc. 49.96 Mrs.
9600 Kc. 31.25 Mtrs. XETE, Mexico City, Mex.	7880 Kc. 38.07 Mtrs. JIAA, Kemikawoa-Cho-Chiba- Ken, Japan	6130 Ke. 49.1 Mtrs. ZGE, Kuala Lumpur Fed. Malay States	VE9CU, Calgary, Canada 6000 Kc. 50 Mtrs.
9595 Kc. 31.27 Mtrs. **HBL, League of Nations Geneva, Switzerland	7830 Kc. 38.30 Mtrs. PDV, Kootwijk, Holland	6125 Kc. 48.98 Mtrs. VE9HX, Halifax, Nova Scotia	EAJ25, Barcelona Radio Club Barcelona, Spain 6000 Kc. 50 Mtrs.
9590 Kc. 31.28 Mtrs. ★VK2ME, Amalgamated	7799 Kc. 38.47 Mtrs. ★HBP, League of Nations Geneva, Switzerland	6122 Kc. 49 Mtrs. ZTJ, Johannesburg, S. Africa 6120 Kc. 49.02 Mtrs.	RW59, Moscow, U. S. S. R. 5970 Kc. 50.26 Mtrs.
Wireless, Ltd., Sydney, Aust. 9590 Kc. 31.28 Mtrs. ★W3XAU, Byberry, Pa.	7770 Kc. 38.60 Mtrs. PCK, Kootwijk, Holland	★W2XE, Atlantic Broad. Corp. Wayne, N. J. 6120 Kc. 49.02 Mtrs.	★HVJ, Vatican City (Rome) 5952 Kc. 50.4 Mtrs. HIX, Santo Domingo,
9585 Kc. 31.29 Mtrs.	7480 Kc. 40.11 Mtrs. GDW, Rugby, England 7444 Kc. 40.3 Mtrs.	★YV1BC, Caracas, Venezuela 6110 Kc. 49.10 Mtrs.	Dominician Republic 5930 Kc. 50.6 Mtrs.
Daventry, England 9570 Kc. 31.35 Mtrs. **WIXAZ. Westinghouse Elec.	HBQ, League of Nations Geneva, Switzerland	VE9CG, Calgary, Alta., Can. 6110 Kc. 49.1 Mtrs.	HJ4ABE. Medellin, Colombia 5857 Kc. 51.22 Mtrs. XDA, Mexico City, Mexico
& Mfg. Co. Springfield, Mass.	7150 Kc. 41.6 Mtrs. HJ4ABB, Manizales, Colombia	VUC, Calcutta, India 6100 Kc. 49.18 Mtrs. ★W3XAL, Nat'l. Broad. Co.	5710 Kc. 52.50 Mtrs. VE9CL, Winnipeg, Canada
9560 Kc. 31.38 Mtrs. DJA, Zeesen, Germany 9530 Kc. 31.48 Mtrs.	6990 Kc. 42.92 Mtrs. LCL, Jeloy, Norway 6976 Kc. 43 Mtrs.	Bound Brook, N. J. Relays WJZ Programs 6100 Kc. 49.18 Mtrs.	5690 Kc. 52.7 Mtrs. FIQA, Admin. Des. P. T. T. Tananarive, Madagascar
★W2XAF, General Elec. Co. Schenectady, N. Y. Relays WGY Programs	EAR110, Madrid, Spain 6905 Kc. 43.45 Mtrs.	★W9XF, Downers Grove, III. Relays WENR, Chicago	5170 Kc. 58.00 Mtrs. PMY, Bandoeng, Java
9510 Kc. 31.55 Mtrs. ★GSB, British Broad. Corp. Daventry, England	GDS. Rugby, England 6860 Kc. 43.70 Mtrs. KEL, Bolinas, Calif.	6095 Kc. 49.22 Mtrs. ★VE9GW, Bowmanville, Ont. 6090 Kc. 49.26 Mtrs.	5714 Kc. 52.5 Mtrs. HCK, Quito, Ecuador, S. A.
9510 Kc. 31.55 Mtrs. VK3ME, Amalgamted Wireless, Ltd., G.P.O. Box 1272L,	6840 Kc. 43.80 Mtrs. CFA, Drummondville, Canada	VE9BJ, St. John, N. B., Can. 6085 Kc. 49.3 Mtrs.	5145 Kc. 58.31 Mtrs. OK1MPT, Prague, Czechoslovakia
Melbourne, Australia 9490 Kc. 31.6 Mtrs.	6795 Kc. 44.15 Mtrs. GDB, Rugby, England 6753 Kc. 44.40 Mtrs.	CP5, Lapaz, Bolivia 6080 Kc. 49.31 Mtrs. ★W9XAA, Chicago Fed. Labor	4975 Ke. 60.30 Mtrs. GBC, Rughy, England 4820 Ke. 62.24 Mtrs.
SR1, Poznan, Poland 9330 Kc. 32.15 Mtrs.	WOA, Lawrenceville, N. J. 6660 Kc. 45.00 Mtrs.	Chicago, III. 6075 Kc. 49.4 Mtrs.	GDW, Rugby, England 4820 Kc. 62.24 Mtrs.
9020 Kc. 32.33 Mtrs.	F8KR, Constantine. Algeria 6610 Kc. 45.38 Mtrs.	OXY, Skamleboaek, Den. 6072 Kc. 49.41 Mtrs.	GCRX, Rugby, England 4795 Kc. 62.57 Mtrs.
GCB, Rugby, England 9020 Kc. 33.26 Mtrs.	REN, Moscow, U. S. S. R. 6447 Kc. 46.50 Mtrs.	UOR2, Vienna, Austria 6096 Kc. 49.43 Mtrs. VE9CS, Vancouver, B.C., Can.	EXP. Gen. Exper. Channel 4752 Kc. 63.1 Mtrs.
GCS, Rugby, England 8928 Kc. 33.50 Mtrs. TGX, Guatemala City, C. A.	HJIABB, Barranguilla, Col., S. A. 6425 Kc. 46.70 Mtrs.	6060 Kc. 49.50 Mtrs. *W8XAL, Crosley Radio Corp.	W00, Ocean Gate, N. J. 4751 Kc. 63.1 Mtrs. W0Y, Lawrenceville, N. J.
8920 Kc. 33.63 Mtrs. GCX, Rugby, England	★W3XL, Nat'l, Broad, Co. Bound Brook, N. J.	Cincinnati, Ohio 6060 Kc. 49.50 Mtrs.	4700 Kc. 63.79 Mtrs. WIXAB, Portland, Me.
8760 Kc. 34.25 Mtrs. GCQ, Rugby, England	6425 Kc. 46.7 Mtrs. VE9BY, London, Ontario, Can.	VQ7LO, Imperial and Interna- tional Communications, Ltd. Nairobi, Kenya, Africa	4328 Kc. 69,44 Mtrs. GDB, Rugby, England
8680 Kc. 34.56 Mtrs. GBC, Rugby, England	6382 Kc. 47.00 Mtrs. HClDR, Quito, Ecuador	6060 Kc. 49.50 Mtrs. ★W3XAU, Byberry, Pa.	4328 Kc. 69.44 Mtrs. ★G6RX, Rugby, England
8650 Kc. 34.68 Mtrs. EXP, Gen. Experimental Chan.	6335 Kc. 47.35 Mtrs. VE9AP, Drummondville, Can.	6050 Kc. 49.58 Mtrs. ★GSA, British Broad. Corp. Daventry, England	4273 Kc. 70.20 Mtrs. ★RW15, Far East Radio Sta. Khabarovsk, Asia
8560 Kc. 35.05 Mtrs. W00, Ocean Gate, N. J.	6272 Ke. 47.8 Mtrs. Hila, Dominican, Rep.	6040 Kc. 49.67 Mtrs. WIXAL, Boston, Mass.	4272 Kc. 70.22 Mtrs. W00, Ocean Gate, N. J.
8560 Kc. 35.05 Mtrs. W0Y, Lawrenceville, N. J. 8450 Kc. 35.50 Mtrs.	6270 Kc. 47.81 Mtrs. HJ3ABF, Bogota, Colombia	6030 Ke. 49.75 Mtrs. VE9CA, Calgary, Alta., Can.	4271 Kc. 70.22 Mtrs. WOY, Lawrenceville, N. J.
PRBA, Porto Alegre, Brazil	6167 Kc. 48.65 Mtrs. XIF, Mexico City, Mexico	6023 Kc. 49.8 Mtrs. XEW, Mexico City, Mexico	4000 Kc. 73 Mtrs. HC-JB, Quito, Ecuador
8185 Kc. 36.65 Mtrs. ★PSK, Rio De Janiero, Brazil	6150 Kc. 48.78 Mtrs. YV3BC, Caracas, Venezuela	6020 Kc. 49.83 Mtrs. DJC, Zeesen, Germany	3560 Kc. 84.24 Mtrs. 0Z7RL, Copenhagen, Den.

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SUNDAY Programs ·

379.5 Mtrs. NBC-KGO Sutter 1920 491.5 Meters KFRC Prospect 0100 243.8 Meters KYA Prospect 3456 790 Kcys. Dational Broadcast. Co., San Francisco Don Lee Broadcast. System, S. F., Cal. Pac. Broadcast. Corp., San Francisco

National Broadcast. Co., San Francisco
8 A.M.—Arion Trio
9—Chronicle Comics
9:30—Organ Concert
10—Stringwood Ensemble
10:30—National Youth Conference
11—Gene Arnold's Commodores
11:30—Rings of Melody
12 noon—Lady Esther Serenade
12:30—Yeast Foamers
1—Albert P. Terhune, dog stories
1:15—Wildroot Program
1:30—Hoover Sentinels Concert
2—National Vespers
2:30—Grand Hotel: drama
3—Singable Songs
3:30—Our American Schools
4—The Real Silk Show
4:30—Joe Penner, comedian
5—Eddie Cantor and Rubinoff
6—Manhattan Merry-Go-Round
6:30—American Album of Familiar
Music
7—Chevrolet Program: Jack Benny
7:30—Hall of Fame
8—"How the Blue Eagle Learned to
Fly": Talk, Frances Robinson
8:15—Jergens prog: Walter Winchell
8:30—Death Valley Days: drama
9—Readers' Guide: J. H. Jackson
9:30—Ball Tabarin Orchestra
10—Richfield News Flashes
10:15—Paul Carson, Organist
11 to 12 mid.—Tom Coakley's Orch.

11 to 12 mid.—Tom Coakley's Orch.

440.9 Meters KPO Sutter 1920 50,000 Watts National Broadcast. Co., San Francisco 8 A.M.—Hall and Gruen, plano duo 8:15—Major Bowes' Family 9:15—Gordon String Quartet 9:30—Radio City Concert 10:30—Cecilians, vocalists & instru-

mentalists

11—Bible Stories
12 noon—Music Garden
1—Melodians, dance orchestra
2—John and Ned
2:15—Afternoon Concert
3—Catholic Hour
3:30—Melody Train
4—Community Forum
4:30—Silhouettes: Irving Kennedy
5:15—Music of Today and Yesterday
5:45—H. M. Hyde, talks on science
6—Gunnar Johansen, planist

5:45—H. M. Hyde, talks on science
6—Gunnar Johansen, planist
6:30—S. F. Municipal Organ
7—Quartet Time
7:15—Personal Closeups, interview
by Gypsy
7:30—Rainbow Harmonies
8—Rudy Seiger's Orchestra
8:30—The Master Singers
9—Smith Ballew Orchestra
9:30—University of California prog.
10—Smith Ballew Orchestra
10:30—On Wings of Music
11 to 12 mid.—Midnight Melodies

225.4 Meters KGB Franklin 6151 1330 Kcys.
Don Lee Broadcas. System, S. D., Cal. 8 A.M. to 5—Various Programs 5 P.M.—CBS, Evening in Paris 5:30—CBS, Fred Waring's Pennsylv. 6—CBS, 7 Star Revue 7—CBS, Angelo Patri 7:30—KHJ Merrymakers 8:30—Don Redman's Orchestra 9—Ted Fio-Rito's Orchestra 10—World-Wide News 10:10 to 12 mid.—Dance Music

1000 Watts
Don Lee Broadcast. System, S. F., Cal.

8 A.M.—Examiner Comics
8:30—CBS, Tabernacle Choir, Organ
9:30—CBS, Madison Ensemble
0—CBS, Church of the Air
10:30—Lazy Dan, Minstrel Man
11—CBS, Broadway Melodies
11:30—The Islanders
12—CBS, New York Philharmonic
2—To be announced
2:15—Salon Moderne
2:45—Helen Nagin, Pianist
3—Rabbi Magnin—World Topics
3:30—To be announced
3:45—CBS, Charles Carlile, Tenor
4—Knox Co. (E. T.)
4:15—CBS, Ace Brigode's Orchestra
4:30—CBS, Current Events
4:35—Melodies Organistique
5—CBS, An Evening in Paris
5:30—CBS, Waring's Pennsylvanians
6—CBS, Seven Star Revue
7—CBS, Angelo Patri
7:30—The Merrymakers
8:30—CBS, Don Redman's Orch.
9—Ted Fio Rito Orchestra
10—News Editor of the Air
10:10—Griff Williams' Orchestra
11—Ted Fio Rito Orchestra
11:30 to 12 mid.—To be announced

340.7 Meters KLX Lake. 6000 880 Kcys. Tribune Pub. Co., Oakland, Calif.

12 noon—Records
12:30—Jeannette Stock, soprano;
Merlyn Morse, tenor; Anita and
Orosco, novelty guitar, duo
1:30—Records
2:30—Faucit Theater of the Air
3—Records
3:30—Manila String Orchestra
4—Recordings
5—Old Man Soliloquy
5:15—Jean Ardath, Pianist
5:30—Covered Wagon Jubilee
6-Mixed Quartet
6:30—Hotel Oakland Trio
7:30—Herb Kennedy, Nancy Hersey
7:45—"Leaders in Sports"
8—John Wharry Lewis Quintet
9:15—Neighborly Songs and Poems
9:30—To be announced
9:45—Freddle Skinner
10 to 11 P.M—Dance Program

322.4 Meters KROW Glenc. 6774
930 Kcys.
Educa. Broad. Corp., Oakland, Calif.
8 A.M. to 12—Various programs
12 noon—Consumer's Request Prog.
1:30—Bible Questions and Answers
2—University of the Air
2:30—Ran Wilde's Orchestra
3—Forum program; 3:30, Records
4—Hits of Today—Records
4:30—Warren Stenson, vocalist
4:45—John Bozic, Accordionist
5—Oakland Council of Churches
5:30—Juliet Powers, vocalist
5:45—The Chatterbox
6—Walk-a-thon
6:15—Watch Tower Program
6:30—Musical Miniatures
7—Y. M. C. A. Program
7:30—Advertising Sales Executives
7:45—The Psyconomist
8—Oakland Community Church
9:30—International Serenaders
9:30—International Serenaders
10—Walk-a-thon; Dance Music

243.8 Meters KYA Prospect 3456
1230 Kcys. Corp., San Francisco
8:15 A.M.—Christ. Science Reading
8:30—Sabbath Reverles
9—"Fellowship of the Air"
9:15—Funny Paper Man
9:45—Argentinians
10:15—Village Boys
10:30—Three Four Melodies
10:45—Musical Strings
11—Old St. Mary's Church Services
12 noon—Organ; 12:30, Paraders
12—Waltz Idylls
2—Light Opera Concert
3:30—Chamber Group
3:45—"Makers of History"
4—Royal Serenaders
4:30—Symphony Concert
5:30—Violin Masters
5:45—Rabbi Elliott Burstein
6—Vespers
6:30—Threads of Tradition
6:45—Artist Celebrities
7—Bernard Katz, pianist
7:30—Opera
9:30—"Beauty That Endures"
9:45—Congress Hotel Orchestra
10 to 11 P.M.—Concert Memories

535.4 Meters KTAB Garfield 4700
560 Kcys.
Assoc. Broadcasters, Oakland, Calif.
8:30 A.M. to 1—Various Programs
1.P.M.—Church of Latter Day Saints
1:30—Dillon Players
2—Calif. State Cham. of Commerce
2:30—Musical Moods
3:30—Neil Callahan, pianist
3:45—Studio program
4—Jeanne Harper, pianist
4:30—Hawailan program
4:45—Dance Music; 5, Organ Recital
6—Echoes of Portugal
7—Chinese Echoes
7:15—Amateur Sports News
7:30—Church Services
9:15—Aod Hendrickson
9:30—Chapel of the Chimes Organ
9:45—Studio Program
10:30 to 11 P.M.—Hal Girvin's Orch.

280.2 Meters KJBS Ord. 4148-49
1070 Kcys.
J. Brunton & Sons, San Francisco
8 A.M. to 5:45—Records; News
5:45 P.M.—Silent period
12:01 to 7 A.M.—Owl program

296.6 Meters KQW Ballard 777 1010 Kcys. 500 Watts Pac. Agric. Foundation, Ltd., San Jose 10:15 A.M.—Sunday School Lesson, First Baptist Chuch 11 to 12:30—First Baptist Church

services 12:30—Silent period 7:30 to 9—First Baptist Church Serv.

236.1 Meters KOL Main 2312 1270 Kcys.
Seattle Broadcast. Co., Seattle, Wash.
8 A.M. to 5—Various Programs
5—CBS, "An Evening in Paris"
5:30—CBS, Ford Motors program
6—CBS, "Seven Star Revue"
7—"Your Child," Angelo Patrl
7:30—The Merrymakers
8:30—"Strange Adventures"
8:45—Black Rhapsody
9—Ted Fio-Rito and Orchestra
9:30—"Pilsener Beer Garden"
10:30 to 12 mid.—Dance Music

325.9 Meters **KOMO** Elliott 5890 920 Kcys. **KOMO** Watts

309.1 Meters KJR Seneca 1515
970 Kcys. Morthwest Broad. System, Seattle, Wn.
8 A.M. to 1—Various programs
1 P.M.—Olympians
1 P.M.—Olympians
2:30—Cornish School
3—NBC, National Vespers
2:30—Cornish School
3—NBC, Catholic Hour
3:30—NBC, Our American Schools
4—Olympic Male Chorus
4:15—University of the Air
5:30—Viennese Vagabonds
6—Angelus Hour
7—Dinner Dansant
7:30—The Music Box
8—First Church of Christ Scientist
9—NBC, Reader's Guide
9:30—Bal Tabarin Orchestra
10—Piano Studies
10:15 to 11—Bridge to Dreamland

508.2 Meters KHQ Main 5383
590 Kcys. Inc., Spokane, Wash.
9 A.M. to 1—Various programs
1 P.M.—NBC, Spratt Dog Stories
1:15—NBC-KGO programs to 2
2—N. W. on Parade
2:30—NBC, Grand Hotel
3—NBC, Catholic Hour
3:45—Crazy Wells
4—NBC-KGO programs to 8
8—Beauty That Endures
8:15—NBC, Jergens program
8:30—NBC, Death Valley Days
9—Croonaders; Three Queens
9:30—Wash. Water Power Co.
10—NBC. Richfield News
10—NBC. Richfield News
10—NBC. Richfield News

483.6 Meters KGW Atwater 2121 1620 Kcys.

Morning Oregonian, Portland, Ore.

8 A.M. to 12—Various Pregrams 12 noon—Wayne King's Orchestra 12:30—NBC, Yeast Foamers

1—NBC-KGO programs to 2

2—Studio; 2:15, Orchestra 2:30—NBC, Grand Hotel 3—NBC, Catholic Hour 3:30—Nick's Flower Home 3:45—Piano Recital 4—NBC-KGO Programs to 9

9—Sololst 9:15—G. A. Paine program 9:30—Monicide Squad 10—NBC, Richfield News Flashes 10:15—NBC, Bridge to Dreamland 11 to 12 mid.—Dance Music

526 Meters KVI Broadway 4211
570 Kcys.
Puget Sound Broadcast. Co., Tacoma
8 A.M. to 12—Various programs
12 noon—CBS, N. Y. Philharmonic
2—To be announced
2:15—Salon Moderne
2:30—Judge Rutherford
3—A Visit with Betty
3:30—To be announced
3:45—CBS, New World Symphony
4—CBS, Ace Brigode Orchestra
4:30—CBS, H. V. Kaltenborn
4:45—Melodies Organistique
5—An Evening in Paris
5:30—Fred Waring's Pennsylvanians
6—CBS, Seven Star Revue
7—CBS, Angelo Patri
7:30—"Beauty That Endures"
7:45—The Merrymakers
8:30—CBS, Don Redman's Orchestra
9—Radio Gospel League Musicale
9:15 to 12 mid.—Dance music

285.5 Meters KNX 25,000 Watts
Western Broadcast. Co., Los Angeles
6:45 A.M. to 5—Various Programs
5 P.M.—Ethel Hubler, speaker
5:15—Musical transcription
5:30—Dr. John Mathews
6:30—Curtis Abell
7—To be announced
7:15—Barmani Concert Ensemble
7:30—Lei Oloha, musicians
8—Frost Warnings
8—Frost Warnings
8:05—Presbyterian Church
9:05—News Service
9:15—Judge Rutherford
9:45—Cal. Luboyiski & Cl. Mellonino

ton Hour

333.1 Meters KHJ VAndike 7111 900 Kcys. Don Lee Broadcast. System, L. A., Cal. 8 A.M. to 12—Various Programs 12 noon—CBS, Philharmonic Orch. 2—Modern Bridge Builder 2:15—Salon Moderne 2:45—Helen Nagin, planist 3—Rabbi Magnin 3:15—Professor Lindsley 3:30—Randall Trio 3:45—CBS program 4—Doc Savage Adventures 4:15—CBS, A.ce Brigode's Orchestra 4:30—CBS, H. V. Kaltenborn 4:45—Catholic Mission Hour 5—CBS, Evening in Paris 5:30—CBS, Waring's Pennsylvanians 6—CBS, 7-Star Revue 7—CBS, Your Child 7:30—Merrymakers 8:30—CBS. Don Redman's Orch. 9—Ted Fio-Rito's Orchestra 10—News Items 10:10 to 12 mid.—Dance Music

499.7 Meters KFSD Franklin 6353
600 Kcys.

Airfan Radio Corp., Ltd., San Diego
8 A.M. to 12:30—Various programs
12:30 P.M.—Yeast Foanners
12:30 P.M.—Yeast Foanners
1:15—Program Resume
1:20—Old Time program
2:NBC National Vespers
2:30—Organ. Royal A. Brown
3:30—NBC, Our American Schools
4—Concert; 6—Morales Hawaiians
6:30—Dr. Straus' Sketchbook
7—NBC, Jack Benny Orchestra
7:45—NBC, to be announced
7:30—Mollie Thompson, Organist

8-NBC, Blue Eagle Talk 8:15-NBC, Walter Winchell 8:30-Voice, Violin and Piano 9-NBC, Readers' Guide 9:30-NBC, Univ. of California 10-NBC, Richfield News Flashes 10:15-NBC, Bridge to Dreamland 11-12 mid.—NBC, Dance Music

468.5 Meters KFI Richm'd 6111 640 Kcys.
640 Kcys.
Farle C. Anthony, Inc., Los Angeles
9 A.M.—Church Quarter-Hour
9:15—Dr. Casselberry
9:30—NBC, Radio City Concerts
10:30—NBC, Nat'l Youth Conference
11—NBC, Gene Arnold Commodores
11:30—NBC, KGO programs to 2
2—The Sunday Players
2:30—NBC, Grand Hotel
3—U. S. C. Musical Program
3:30—NBC-KGO programs to 9
9—Comedy Stars of Hollywood
9:15—B. A. Rolfe's Orchestra
9:30—Piano Recital
9:45—Organ, Wesley Tourtellotte
10—NBC, Richfield Reporter
10:15 to 10:45 P.M.—'Richelieu;
Cardinal or King'

319 Meters KOIN Atwater 3333
940 Kcys. The Journal, Portland, Oregon
8 A.M. to 2:15 P.M.—Various progs.
2:15—Salon Moderne
2:45—Helen Nagin, planist
3—Rabbi Magnin, World Events
3:15—Sweeten's Little Concert
3:30—CBS feature
4—CBS, Ace Brigode's Orchestra
4:30—CBS, Current Events
4:45—Studio program
5—CBS programs to 7:30
8—Conclave of Nations
8:30—Smoke Eaters
9—To be announced
9:30—A Modern Beer Garden
10 to 12 mid.—Dance Music

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See Page 8

MONDAY Programs

379.5 Mtrs. NBC-KGO Sutter 1920 7500 Watts National Broadcast. Co., San Francisco 7 A.M.—Breen and de Rose 7:15—Organ Concert 7:30—Financial Service 7:30—Financial Service
7:45—Exercise and Applesauce
8:15—U. S. Navy Band
9—Barbara Lee, Breakfast Club
9:15—Home Economics Talk
9:30—Melody Mixers; Organ
10:30—Magazine of the Air
11:30—Smackout
11:45—Words and Music
12 roon—Financial Flashes 11:45—Wottes and Masse.
12 noon—Financial Flashes
12:05—Sax Appeal
12:15—Farm and Home Hour
1—Betty and Bob
1:15—Contract Bridge
1:30—Oxydol's Ma Perkins
1:45—Lady Next Door
2—Al Pearce and Gang
3—Langendorf Pictorial
3:15—Xavier Cugat Orchestra
3:30—The Well Dressed Woman
3:45—Horsesense Philosophy
4—Art and Music
4:15—Little Colleen
4:30—Mary's Friendly Garden
5-Romantic Melodies
5:30—Billy Batchelor
5:45—Little Orphan Annie
6—Elleen Piggott, vocalist
4:15—Chaster Rowell 12 noon-Financial Flashes 5:45—Little Orphan Annie
6—Elleen Piggott, vocalist
6:15—Chester Rowell
6:30—Del Monte Ship of Joy
7—Carnation Contented Hour
7:30—Demi-Tasse Revue
8—Amos 'n' Andy
8:15—Dr. Painless Parker presents
"The Philistine"
8:30—Volce of Firestone
9—Sealed Power Side Show
9:30—Lee S. Roberts
9:45—Harry Sosnick's Orchestra
10—Richfield News Flashes 10-Richfield News Flashes 10:15-Herbert Kay's Orchestra 11—Organ Concert 11:30 to 12 mid.—Stringwood Ensemble

440.9 Meters KPO 680 Kcys. ATU 50,000 Watts National Broadcast. Co., San Francisco 7:30 A.M.—Morning Parade 50,000 Watts Organ Concert 8—Organ Concert 8:15—Log o' the Day Crosscuts 9:15—Julia Hayes; 9:30, News 9:45—Johnnie O'Brien, harmonica 9:55—Dr. Wynne's Health Talk 9:55—Dr. wynne's Health Talk 10—Melody Mixers 10:15—Songs by the Kitchen Sink 10:30—Vic and Sade 10:45—Julia Hayes, beauty talk 11—Lawrence University A Cappella Choir Choir 11:15—Federation of Women's Clubs 11:45—Agricultural Bulletins 11:45—Agricultural Bulletins
12 noon—Radio Guild
1—News; Ann Warner's Chat
1:45—John and Ned. harmony duo
2—Capital University Glee Club 2:15—Babes in Hollywood 2:30—The Four Knaves 2:45-Grandpa Burton; Health Talk 3:05—Xavier Cugat's Orchestra 3:15—Mud Caves, dramatic skit 3:30—Three X Sisters 3:45—University of Calif. program -Dance Masters 4—Dance Masters
4:30—Stringwood Ensemble
5:15—News; Piano Pals
5:40—Westclox Program
5:45—Carlos Molina's Orchestra
6—Organ; 6:30, Safety First
6:45—Detectives Black and Blue 7-Southern Harmony Four

Sutter 1920

7:15—Tarzan of the Apes 7:30—Dr. Miles Laboratories 7:45—Stanford University program 8—Edna Fischer, pianist 8:15—Red Davis, dramatic sketch 8:15—Red Davis, dramat 8:30—Magnolia Minstrels 9—NBC Drama Hour 9:30—Hill Bros. (E. T.) 9:35—The Orchestra 10—Powder-Puff Revue 10:30—Pacific Serenaders 11-Guy Lombardo's Orchestra 11:30 to 12 mid.—Organ Concert

243.8 Meters KYA Prospect 3456 1230 Kcys. 1000 Watts Pac. Broadcast. Corp., San Francisco 7:30 A.M. to 12-Various programs 12 noon—Scriptures 12:03—Harmonies; 12:30, Organ 12:03—Harmones; 12:30, Organ
1—Afternoon Concert
1:15—NBC, Story Hour
1:30—Hawaiians
2—P. T. A. Talk
2:15—Modern Maestros
2:45—Organ, 3:45, Argentinians 2:45—Organ, 3:45, Argentinian:
4—Music Masters
5—Sunset Crier; Records
6—Paraders; 6:15, Waltz Idylls
7:15—Rhythm Piano Styllst
7:15—Rhythm Princes 7:15—Rilytim Finices
8:30—Symphonic Band
9—News Flashes
9:15—"National Defense"
9:30—Dance Rhythms
10—Oran Serenda 10—Organ Serenade 11 to 12 mid.—Concert Memories

535.4 Meters KTAB Garfield 4700 1000 Watts Assoc. Broadcasters, Oakland, Calif. 7 A.M. to 1-Various Programs 1 P.M.—Radio Frolic 1:30—Over the Teacups Post-Enquirer News 2:15-Ye Olde Town Crier 3—X-Bar-B Boys 3:30—Studio program 4—Keep Smiling Revue 4:30—The Old Bachelor 5-Rusty, the Boy Aviator 5-Rusty, the Boy Aviator 5:15-Si and Elmer; 5:30, Health 6-Smile Club; News 6-35me Club, News 6:45-Sport Page; vocalist 7:15-Italian News Broadcast 7:30-Minstrel Show 8-Tone Poems; 8:30, Organ 8:45-Cecil and Sally (Elec. Trans.) 8:45—Cecu a 9—Souvenirs 9:30—Peggy Scott, pianist 9:45—News Flashes 10 to 11:30 P.M.—Studio program

296.6 Meters KQW Ballard 777 1010 Kcys. 500 Watts Pac. Agric. Foundation, Ltd., San Jose 7 A.M. to 6—Various programs 6 P.M.—Dept. of Agriculture 6:15—Franco's program 6:13—Franco's program
6:30—Market reports
6:45—Farmers' Exchange
7-U.S. Weather Forecast
7:03—Radio News and Forum
7:15—Dr. Anderson's Talk 7:30—Honolulu Beach Boys 7:45—Cecil and Sally 8—Monarch Melodists 8:30—Golden Memories 9—Eb and Zeb 9:15-Accordion Capers 9:30 to 10 P.M.-Kimo's Hawaiian Serenaders

491.5 Meters KFRC Prospect 0100 610 Kcys. KFRC 1000 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.-Records; Stocks; Exercises 8:15-Morning Moods 8:30—CBS, Tony Wons, Philosopher 8:45—CBS, Rhythm Kings 9:CBS, Notice of Experience 9:15-O'Connor Moffatt & Co. 9:20-CBS, Elizabeth Barthell 9:30-CBS, Concert Miniatures 9:20—CBS, Elizabeth Barthell
9:30—CBS, Concert Miniatures
10—CBS, George Hall's Orchestra
10:30—Better Business Talk
10:45—Cooking School
11—CBS, Just Plain Bill
11:15—Romance of Helen Trent
11:30—CBS, Amer. School of the Air
12:00—Noonday Concert
12:55—Vidacrin Talk
1:30—N. Y. Stock Quotations
1:35—CBS, Bob Nolan and Orchestra
1:30—N. Y. Stock Quotations
1:35—CBS, Artist Recital
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Violin, Cello and Organ
3:45—CBS, Enoch Light's Orchestra
4—Hodge Podge Lodge
4:30—Vidacrin Talk
4:35—Records; Lost & Found
4:55—Town Topics
5—Ruth Royale & Hawaiian Strings
5:15—H Bar O Rangers
5:30—CBS, Bing Crosby
6—CBS, Philharmonic Orchestra
6:15—CBS, Buick Presents
6:30—CBS, The Big Story 6--CBS, Philinarmonic Orchestra 6:15--CBS, Buick Presents 6:30--CBS, The Big Show 7--CBS, Wayne King's Orchestra 7:30--CBS, Columbia News Service 7:45--CBS, Myrt & Marge 8--The Shell Show 9--Raymond Paige's Orchestra 9—Raymond Paige's Orchestra 9:30—Numismatic Coin Co 9:45—CBS, Little Jack Little 10—News Editor of the Air 10:10—Gillette Drama 10:15—Bill Fleck Orchestra 10:30—Jack Ross' Roundup 11:30 to 12 mid.—Bill Fleck Orch.

322.4 Meters KROW Glenc. 6774 930 Kcys. 1000 Watts Educa. Broad. Corp., Oakland, Calif. 7 A.M. to 5:30—Various Programs
5:30 P.M.—Eat Your Way to Health
6—News; 6:15, Walk-a-thon
6:30—Fox Orpheum program
6:45—Health Swing program
7—C. W. Hammond
7:15—The Ne'er Do Well 7:30—Nellie Alsing, soprano 7:45—Watch Tower Program 7/35—watch Tower Program 8-Royal Hawaiians 8:15—Bobbie Lee, "Blue Sunshine" 8:30—"KROW Air Follies" 10 to 12 mid.—Dance Music; Walkathon

526 Meters KVI Broadway 4211 570 Kcys. 1000 Watts Puget Sound Broadcast. Co., Tacoma Fuger Sound Broadcast. Co., Taco 6:45 A.M. to 5-Various programs 5 P.M.—Ruth Royale 5:15-H Bar O Rangers 5:30-CBS programs 7-Wayne King's Orchestra 7:30-Columbia News Service 7:45-Myrt & Marge 8-Shell Show 8—Shell Show 9-Raymond Paige Orchestra 9:30—CBS, Jack Little Orchestra 9:45—Bohemian Club Orchestra 10—Dance music 11—Jack Ross's Round-Up 11:30 to 12 mid—Dance music

340.7 Meters KLX Lake. 6000 880 Kcys. LLX 1000 Watts Tribune Pub. Co., Oakland, Calif. 8A.M. to 12—Records; Stocks: Talks 12 noon—Bill Duncan's Band 1—Jean's Highlights 2—Recordings; News 2:45—Opportunity Hour 3:30—News Flashes; Records 4:15—Brother Bob's Club 4:45—McCoy Health School 5—Helen Parmelee, pianist 5:30—Covered Wagon Jubilee 6—Betty Babbish Band 7—News Items 7:45—Club News Parade 8—Donald Neal, baritone; Helen Parmelee, pianist 8:25—Better Business Bureau Talk 8:30—Faucit Theatre of the Air 9—Nevada Nite Herders 9:30—Bungling Bunglers 9:45—Freddie Skinner Program

468.5 Meters KFI Richm'd 6111 640 Kcys. KFI 50,000 Watts Earle C. Anthony, Inc., Los Angeles

Earle C. Anthony, Inc., Los Angeles 7 a.M.—Exercises; News; Stocks 7:45—Church Quarter-Hour 8—Jean George, Planist 8:15—NBC, Crosscuts 9.—Charlie Wellman, Songs 9:15—NBC, Helpful Hints to Housewives 9—Charlie Wellman, Songs 9:15—NBC, Home Economics Talks 9:30—Bennie Watson, Songs 9:45—Melisse's Chat 10—Organ; Health Talk 10:30—NBC, Magazine of the Air 11:30—NBC, Magazine of the Air 11:30—NBC, Magazine of the Air 11:45—Market Renorts; Agric. Talk 12:15 P.M.—NBC-KGO prog. to 1:15 1:15—News Release 1:30—NBC, Oxydol's Ma Perkins 1:45—Baldassare Ferlazzo, Violinist 2—NBC-KGO program 3:15—An Warner Chats; Organ 4:15—Classic Hour; String Trio 4:45—News Release 5—Margaret Duncan, Pianist 5:15—Health Talk 5:30—NBC-KGO programs to 9:45 9:45—B. A. Rol'e's Orchestra 10 to 12 mid.—NBC-KGO programs

508.2 Meters KHQ Main 5383 590 Kcys. KHQ 1000 Watts Louis Wasmer, Inc., Spokane, Wash.

Louis Wasmer, Inc., Spokane, Wash.
7 A.M. to 1—Various programs
1 P.M.—NBC, General Mills
1:15—Silver Loaf Baking
1:30—NBC. Oxydols Ma Perkins
1:35—Lubins Style Shop
2—NBC. Al Pearce and Gang
3—NBC. Waldorf Astoria Orch.
3:15—Studio programs
4:30—Parade of Happy Feet
4:45—Tull and Gibbs Express
5—Commercial Creamery
5:15—NPC. Two Men and Maid
5:30—NBC. Whaetenaville
5:45—Orphan Annie
6—NBC. Eileen Piggott
6:15—Frank Funkhouser
6:30—NBC. Daradion Contented
7:30—NBC. Carnation Contented
7:30—NBC. Mark Hopkins
8:30—NBC-MGO programs to 9:45
9:45—Frank and Archie
10—NBC, Richfield News
10:15—NBC, Mark Hopkins Orch.
10:30—Radio Specials
11 to 12 mid.—NBC-KGO programs

Lake. 6000

499.7 Meters KFSD Franklin 6353
500 Kcys. Tool Watts
Airfan Radio Corp., Ltd., San Diego
8 A.M. to 5—Various programs
5 P.M.—NBC. Mindways
5 1.15—NBC, Canzonetta
5:30—Studio; Program Resume
6—Sinclair Minstrels
6:30—NBC, Just Around the Corner
7—Frost Forecast; State Faculty pr.
7:15—Studio program
7:30—NBC, Demitasse Revue
8—Feature program
8:15—NBC-KGO programs to 9
9—Viratelle Quartet
9:30—To be announced
9:45—NBC, Edgewater Beach Orch.
10—Richfield News Flashes
10:15 to 12 mid.—Dance music

236.1 Meters KOL Main 2312
1270 Kcvs.
Seattle Broadcast. Co., Seattle, Wash.
6:45 A.M. to 5:30—Various progs.
5:10—American Cracker program
5:15—Har-O Rangers
5:20—CBS, Bing Crosby
6—CBS, Phila, Symph. Orch.
6:15—CBS, Burk Program
6:30—CBS, Bing Crosby
6—CBS, Mayne King's Orchestra
7:30—Black and Blue
7:45—CBS, Myrt and Marge
8—The Shell Show
9—Cadillac Program
9:20—Sunerstitions
9:45—Radio Speaker Stevenson
10—Globe Trotter
10:15—Ken Stuart's Sunshine prog.
10:45 to 12 mid.—Dance Music

10:45 to 12 mid.—Dance Music

309.1 Meters KJR Seneca 1515

970 Kcys. KJR Source Seattle, Wn.

7:30 A.M. to 5—Various programs

5 P.M.—Winnifred Aukland, Vocal

5:15—NRC, Concert Petite

5:30—Totem Broadcasters

6-NBC programs to 6:30

6:30—Wash, High School Reporter

6:45—Creole Rhythm

7—Financial Talk

7:15—Tarzan

7:30—Dinner Dansant

8—Manhattan Echoes

8:15—NBC, Poet Prince

8:30—Dollars and Cents

8:45—Frank Watanabe & Archie

9—Mystic Asia, Records

9:45—Dance Orchestra

10:30—Melodies and Memories

11—Ambassador Hotel Orchestra

11:30 to 12 mid.—Records

483.6 Meters KGW Atwater 2121 1000 Watts Morning Oregonian, Portland, Ore. 7 A.M. to 2 P.M.—Various Progs. 2—Al Pearce and Gang 3—O. Korber Jeweles; Orchestra 3:15—As If by Magic 3:20—Friendly Chat 3:45—NBC program 4:30—Studio; Bar-X Kids 5—NBC program 5:30—NBC-KGO programs 6—Crazy Crystals; Orchestra 6:25—Memory Singer 6:30—NBC-KGO programs to 8:15—8:15—Beauty That Endures 8:30—NBC-KGO Programs to 10:15—10:15—Cole McElroy's Orchestra 10:45 to 12 mid.—Dance Music

325.9 Meters KOMO 1000 Watts Fisher's Blend Station, Inc., Seattle 7 A.M. to 12:15—Various programs 12:15—NBC-KGO Programs to 1:45 1:45—Harp Melodies 2—NBC, Al Pearce and his Gang 3—Proctor's: Betty 3:15—Talking Fiddle 3:30—Day Dreams 3:45—Grant Merrill, Easy Chair 4—NBC-KGO Programs to 4:45 4:45—Manhattan Echoes 5—NBC-KGO Programs to 4:45 4:45—Manhattan Echoes 5—NBC-KGO programs to 6:30—NBC, Del Monte Ship of Joy 7—NBC-KGO Programs to 8:16 8:15—Souvenirs 8:30—NBC, Voice of Firestone 9—NBC. Sealed Power Side Show 9:30—Male Quartet 10—NBC. Richfield News Flashes 10:15—Dance Music 11:30 to 12 mid.—Stringwood Ensemble

285.5 Meters KNX Hemp. 4101
1050 Kcys. KNX 25,000 Watts
Western Broadcast. Co., Los Angeles
6:45 A.M. to 5-Various Programs
5 P.M.—Storytown Express
5:15-College Daze and Knights
5:30-Noble Sisters (trio)
5:45-Tom Wallace and Cardinal
Quartet
6-News: 6:45. Barmani's Ensemble
6:45-"Bill, Mac and Jimmy'
7-Watanabe & Archie
7:15-Black and Blue
7:30-Red Davis Adventures
7:45-Lawrence King, tenor
8-Frost Warnings
8:15-Rosicrucian program
8:30-"So This Is Radio''
8:45-Homer Canfield
9-News Service
9:15-Calmon Luboviski, violinist
10 to 11 P.M.—Pontrelli's Orchestra

225.4 Meters KGB Franklin 6151
1330 Kcys. Don Lee Broadcas. System, S. D., Cal.
7 A.M. to 5:30 P.M.—Various Progs.
5:30—CBS, Bing Crosby
6—CBS, Philadelphia Orchestra
6:15—CBS, Andre Kostelanetz
6:30—CBS, Big Show
7—CBS, Wayne King's Orchestra
7:30—To be announced
7:45—CBS, Myrt and Marge
8—Shell Show
9—Raymond Paige's Orchestra
9:30—Numismatic program
9:45—CBS, Jack Little's Orchestra
10—News: Dance Music

TUESDAY Programs

379.5 Mtrs. NBC-KGO Sutter 1920 7—Flori Gough 790 Kcys. NBC-KGO Sutter 1920 7 Shorr, cellist ar National Broadcast. Co., San Francisco 7 A.M.-Edward MacHugh, the Gospel Singer 7:15—Organ Concert 7:30—Financial Service 7:45—Exercise and Applesauce 7:45—Exercise and Appressure
8:15—Your Child
8:30—Marine Band Shut-In Hour
9—Barbara Lee
9:15—Edna Fischer, pianist
9:30—Martha Meade Society 9:30—Martha Meade Society
9:45—Will Aubrey, comedian
10—Organ Concert
10:30—Woman's Magazine of the Air
11:30—Smackout: Comedy duo
11:45—Vin Lindhe, Swedish diseuse
12 noon—Financial Flashes
12:05—Johnny O'Brien, harmonica
12:15—Western Farm & Home Hour
1—Retty and Rob -Betty and Bob 1:15—Horatio Zito Orchestra 1:30—Oxydol's Own Ma Perkins 1:45—Betty Marlowe, talk 2—Al Pearce and His Gang -Rush Hughes, Pictorial 3-Rush Hughes, Pictorial
3:15-Mme Frances Alda, soprano
3:30-Back Stage Chatter
3:45-Cheerio Musical Mosaics
4-The Family Cook Book
4:15-John and Ned, harmony duo
4:30-Mary's Friendly Garden
5-Leo Reisman and Phil Duey
5:30-Billy Batchelor
5:45-Little Orphan Annie
6-Cangonetts -Canzonetta 6:15-Historical Sketches of San Francisco
6:30—Ed Wynn, Texaco Fire Chief
7—Cruise of the Seth Parker
7:30—Madame Sylvia & Movie Stars
7:45—Caswell Concert
8—Amos 'n' Andy
8:15—Memory Lane
8:45—Horlick's Adventures in Health
9—Ben Bernie's Orchestra
10—Pichfeld News Flashes Francisco 10—Richfield News Flashes 10:15—Mark Hopkins Hotel Orch. 11—Tom Coakley's Orchestra 11:30 to 12 midnight-Organ Concert

Sutter 1920 50,000 Watts 440.9 Meters KPO 680 Kcys. National Broadcast. Co., San Francisco 7:30 A.M.—Morning Parade 8—Pappy, Ezra, Zeke and Elton 8:15—Log o' the Day Crosscuts 9:15—Julia Hayes; News 9:50-Organ; Health Talk 9:50—Organ; Health Talk
10—New Kitchen Secrets
10:15—School of Cookery
10:30—Vic and Sade
10:45—Julia Hayes, beauty talk
11—Meredith Willson's Orchestra 11—Meredith Willson's Orchestra
11:30—Argentine Trio
11:45—Agricultural Bulletins
12 noon—Midday Musical
1.-News; 1:15, Ann Warner Chats
1:45—Brown Palace Hotel Orchestra
2:15—Daytime Talks
2:30—The Tattered Man
2:45—Fashion Flashes; Talk
3:05—Mme. Frances Alda
3:15—Mud Caves, dramatic skit
3:30—Mid-Week Fed. Hymn Sing
3:45—Univ. of Calif. Program
4-Grace and Eddie Albert
4:15—You and Your Government
4:15—Melody Mixers
5:10—Iokelp Program
5:15—News; Arion Trio
5:45—Bavarian Peasant Band 5:45—Bavarian Peasant Band -Doric Quartet 6:15-Nite Club: Tim and Irene

and Lev Shorr 7—Flori Gough Shorr and Lev Shorr, cellist and pianist 7:30—Southern Harmony Four 7:45—Callf. St. Cham. of Commerce 8—Nanette La Salle, vocalist 8:15—The Hollywood Looking Glass 8:30—King for a Day -Balladettes 9—Balladettes 9:30—Hills Bros. (E. T.) 9:35—Harry Sosnick's Orchestra 9:45—Talk by Police Chief Quinn 10—Pacific Serenaders 11—Guy Lombardo's Orchestra 11:30 to 12 mid.—Kay Kyser's Or. 535.4 Meters KTAB Garfield 4700 560 Kcys. AIAD 1000 Watts Assoc. Broadcasters, Oakland, Calif. 7 A.M. to 1-Various Programs 7 A.M. to 1—Various Programs
1 P.M.—Radio Frolic
1:30—Over the Teacups
2—News; 2:15, Town Crier
3—X Bar B Boys; Studio
4—Keep Smilling Revue
4:30—The Old Bachelor
4:45—Studio program
5-Rusty, the Boy Aviator
5:15—Si and Elmer
5:30—Health Talk; 6, Smile Club
6:30—Columbia News Page
6:45—Ernie Smilt's Sport Page

6:45-Ernie Smith's Sport Page -Musical program 7:15—Italian News Broadcast 7:30—Studio program 7:45—Voice of Democracy 8—London Fantasy 8:30—Organ Recital 8:45—Cecil and Sally (Elec. Trans.) -Souvenirs 9-Souvenirs 9:30—Hawaiian Trio 10-Val Valente's Orchestra 10:30—Hal Girvin's Orchestra 11 to 12 mid.—Records

340.7 Meters KLX

Lake. 6000 1000 Watts 880 Kcys. Tribune Pub. Co., Oakland, Calif. 8 A.M. to 12—Records; Stocks; News 12 noon—Bill Duncan's Band 1-Jean's Hi-Lights 1—Jean's HI-Lights
2—Recordings; News
2:40—Closing S. F Stocks
2:45—Recordings
3:15—Carmen Rushing, planist
3:30—Records; 4, Lost and Found
4:15—Brother Bob's Club
4:45—Health School of the Air 2.30—neann school of the .5—Helen Parmelee, pianist 5:30—Covered Wagon Jubilee 6—Hotel Oakland Trio; News 7:30—Anita and Orosco 7:45—Lovable Liars 8—Clark Sisters 8—Clark Sisters 8:10—Basketball, U. C. vs. C. Aggies 9:30—Bungling Bunglers 9:45—Freddie Skinner

10 to 11 P.M.-Dance Program

322.4 Meters KROW Glenc. 6774 1000 Watts 930 Kcys. Educa. Broad. Corp., Oakland, Calif. 7 A.M. to 5:30-Various Programs 5:30 P.M.—Eat your way to Health 6—News; 6:15, Walk-a-thon 6:30-Fox Orpheum program 6:45—Organ Echoes 7—C. W. Hammond 7:15—The Ne'er Do Well 7:30—''Solomon & Sullivan.'' skit 7:45—Marjorie Lawrie, soprano 8—Portuguese Program 8:30—Italian Program 9-Basketball Game

491.5 Meters KFRC Prospect 0100 610 Kcys. 1000 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Records; Stocks; Exercises 8:30—CBS, Tony Wons, Philosopher 8:45—CBS, Larry Tate Orchestra 9—CBS, Voice of Experience 9:15—O'Connor Moffatt Talk 9:20—CBS, The Lone Wolf 9:30—Ruth Adams' Cooking School 9:45—CBS, Angelo's Tango Orch. -Little French Princess 10—Little French Frincess
10:15—Recordings
10:30—CBS, Easy Aces
10:45—Prudence Penny
11—CBS, Just Plain Bill
11:15—Romance of Helen Trent
11:30—CBS, Amer. School of the Air
12 noon—Noonday Concert 11:30—CBS, Amer. School of the 12 noon—Noonday Concert
12:30—CBS. "Whither Britain'!
1—Women's Institute of the Air
1:15—CBS, U. S. Navy Band
1:30—Stock Quotations
1:35—S. F. County Medical Talk
1:45—CBS, Enoch Light's Orch. 2-Happy Go Lucky Hour 3—Feminine Fancies 3:30—Sweet Music 3:45-Colonial Dames Talk 4-"Correct English" 4:15-CBS, Texas Rangers 4:30-Vidaerin Talk 4:35-Melodies Organistique 4:45-Lost and Found Items 4:45—Lost and Found Items
4:50—Recordings; Town Topics
5—"Adventures of John Ridd"
5:15—H Bar O Rangers
5:30—Charlie Lung and Gang
5:45—Bobs, Sports Authority
6—CBS, Philadelphia Orchestra
6:15—CBS, Alexander Woollcott
6:30—Isle of Romance
6:45—Rocket Gasoline program
7—CBS, Camel Carayan 6:45—Rocket Gasoline program
7:—CBS, Camel Caravan
7:30—Jeffrey Gill, Tenor
7:45—CBS, Myrt & Marge
8:-CBS, Harlem Serenade
8:15—CBS, Charles Carlile, Tenor
8:30—S & W Mellow'd Melodies
9—Hermie King's Orchestra
9:30—CBS, Hodge Pedge Lodge 9:30—CBS, Hodge Podge Lodge 10—News Editor of the Air 10:10—Gillette Drama
10:15—Ted Fio Rito Orchestra
11—Carol Loftner & Dance Orch.
11:30 to 12 mid.—Bill Fleck Orch

243.8 Meters KYA Prospect 3456 1230 Kcys. 1000 Watts Pac. Broadcast. Corp., San Francisco 7:30 A.M. to 12-Various programs 12 noon-Scriptures 12:03-Argentinians; 12:30, Organ 1—Afternoon Concert 1:30—Modern Maestros 2—Opera Phantoms 2—Opera Phantoms
2:30—Verse: Mrs. M. C. Sloss
2:45—NBC Program
3—Organ Matinee
4—Artist Celebrities
4:15—Symphony Highlights
5—Sunset Crier 5—Sunset Crier
5:45—Campbell Digest
6—Paraders; 6:15, Waltz Idylls
7—Bob Allen, pianist
7:15—Royal Serenaders
7:30—Floyd Bennett Aviation forum
8—Christian Science Lecture
9—News Flashes
9:15—Milly and Billy, Cub Reporters
9:30—Symphonic Band
10—Organ Serenade
11 to 12 Mid —Concert Memories 10:30 to 12 midnight—Dance Music; Walkathon

6:45 A.M. to 5-Various Programs 5 P.M.—Storytown Express 5:15—LeRoy, planist 5:30—Bouquet of Memories 5:45—Prof. Lataner; News 5:45—Prof. Lataner; News
6:15—Barmani's Concert Orchestra
6:30—King Cowboy
6:45—Mirthmakers (E.T.)
7—Watanabe & Archie
7:15—Romance of Old Coin 7:30—Elvia Allman and Band 7:45—Lawrence King and Orchestra 8—Agricultural Digets 8:15—Joe Bishop and Mary Rossetti and Dance Band and Dance Band \$:30--'So This Is Radio'' 8:45--'The Avengers,' playlet 9-News Service 9:15-To be announced 10 to 11 P.M.-Pontrelli's Orchestra

285.5 Meters 1050 Kcys. KNX Hemp. 4101 25,000 Watts

Western Broadcast. Co., Los Angeles

468.5 Meters KFI Richm'd 6111 640 Kcys. 50,000 Watts Earle C. Anthony, Inc., Los Angeles 7 A.M.-Exercises; News; Stocks -Church Quarter-Hour 8-Terence Vincent, Airplane Man 8:15-NBC, Your Child 8:30-Charlie Wellman, Songs 8:45-Helpful Hints to Housewives 8-35—Helpful Hints to Housewives 9—Jean George, Pianist 9:15—Jean Abbey's Shopping Tour 9:30—Martha Meade Society 9:45—Melisse's Chat 10—NBC-KGO programs to 11:30 10—NBC-KGO programs to 11:30 11:30—Book Review; Market Rep. 12 noon—Agricultural Talk 12:15 P.M.—NBC-KGO prog. to 1:15 1:15—News Release 1:30—NBC-KGO programs to 3:15 3:15—Ann Warner Chats 3:45—Organ Recital 4:15—Nick Harris program 4:15—Nick Harris program
4:30—Margaret Duncan, Pianist
4:45—News Release
5—NBC-KGO program to 6 6—Comedy Stars of Hollywood 6:15—Instrumental Ensemble 6:15—Instrumental Ensemble
6:30—NBC-KGO programs to 7:45
7:45—Orchestra with Dave Marshall
8—NBC-KGO programs to 9:30
9:30—Orchestra with Felipe Delgado
10—NBC, Richfield News
10:15 to 12 mid.—Dance music.

499.7 Meters KFSD Franklin 6353 1000 Watts Airfan Radio Corp., Ltd., San Diego 7:30 A.M. to 6—Various programs 6 P.M.—Doric Quartet 6:30—NBC-KGO programs to 7:30—Beauty that Endures 7:45—NBC, Simmons and Sears 8—Chamber of Commerce 8:15—NBC-KGO programs to 9 9—To be announced 9-To be announced 9:30-NBC, Melody Mixers 10-NBC, Richfield News Flashes 10:15 to 12 mid.—Dance music

296.6 Meters KQW Ballard 777 500 Watts Pac. Agric. Foundation, Ltd., San Jose 7 A.M. to 6—Various programs 6—Dept. of Agriculture 6—Dept. of Agriculture
6:15—Franco's program
6:30—Market reports
6:45—Farmers' Exchange
7—U. S. Weather Forecast
7:03—Radio News and Forum
7:15—Calif. State Fed. of Labor

236.1 Meters Main 2312 1000 Watts KOL 1270 Kcys. Seattle Broadcast. Co., Seattle, Wash. 6:45 A.M. to 5—Various Programs 5 P.M.—Studio Program 5:10—Amer. Cracker Program 5:15—CBS, H-Bar-O Rangers 5:10—CDS, A-Louis 5:30—Dr. Ross' Dog Talks 5:45—Ralph Horr Talk 6—CBS, Phila. Symphony Orch 6:15—CBS, Alexander Woollcott 6:30—Studio program 6:45—Rocket Gasoline program -CBS, Camel Program 7-CBS, Camel Frogram
7:30-Radio Speaker Stevenson
7:45-CBS, Myrt and Marge
8-CBS, Harlem Serenade
8:15-Hollywood Newshawk
8:30-Mellowed Melodies
8:45-CBS, Voice of Experience -To be announced 9:15—Globe Trotter 9:30—Boxing Bouts 10:30 to 12 mid.—Dance Music

526 Meters KVI Broadway 4211 1000 Watts 570 Rcys. Puget Sound Broadcast. Co., Tacoma A.M. to 6-Various programs 6:15—CBS, Alexander Woollcott 6:30—Isle of Romance 6:45-Rocketeers -Camel Caravan 7:30—Columbia News Service 7:45—Myrt & Marge 7:45—Myrt & Marge 8—CBS program 8:30—Mellowed Melodies 8:45—Voice of Experience 9—Hermie King's Orchestra 9:30—American Legion program 9:45 to 12 mid.—Dance music

333.1 Meters KHJ VAndike 7111 1000 Watts 900 Kcys. Don Lee Broadcast. System, L. A., Cal. 7 A.M. to 5—Various Programs 5 P.M.—Adventures of John Ridd 5 P.M.—Adventures of John Ridd 5:15—CBS, H-O Rangers 5:30—Charlie Lune and Gang 5:45—W. J. Ross Company 5:50—CBS, Fray and Braggiotti 6—CBS. Philadelphia Orchestra 6:15—CBS, Alexander Woollcott 6:30—CBS, George Jessel 7—CBS, Camel Program 7:30—Dennis O'Keefe 7:45—CBS, Myrt and Marge 8—Inglewood Park Concert 8:30—S & W Mellowed Melodies 8:45—CBS, Voice of Experience 9—CBS Orchestras -CBS Orchestras 10-News Items 10:10-Dance music 12 to 1 A.M.—Recordings

225.4 Meters KGB Franklin 6151 1330 Kcys. 1000 Watts Don Lee Broadcas. System, S. D., Cal. 7 A.M. to 5-Various programs 5 P.M.-Town Topics; Talk 5:15-H Bar O Rangers 5:30—Charlie Lung's Gang 5:45—CBS Programs to 6:30 6:30—Isle of Romance 6:45—Rocket Gas Co. 7-CBS, Camel Caravan 7:30—Tarzan of the Apes 7:45—CBS, Myrt and Marge 6:15—Franco's program
6:30—Market reports
6:45—Farmers' Exchange
7-U. S. Weather Forecast
7:03—Radio News and Forum
7:15—Calif. State Fed. of Labor
7:30—Musical program
7:45—Cecil and Sally
8 to 10 P.M.—You Never Can Tell
7:45—CBS, Myrt and Marge
8-CBS program
8:30—Recordings
8:45—CBS, Voice of Experience
9-Hermie King's Orchestra
9:30—Hodge Podge Lodge
10-World-Wide News
10:10—Dance Music

325.9 Meters KOMO Elliott 5890 920 Kcys. Fisher's Blend Station, Inc., Seattle Fisher's Blend Station, Inc., Seattle 7 A.M. to 1—Various Programs 1 P.M.—NBC, Betty and Bob 1:15—Modern Melodies 1:30—Oxydol's Ma Perkins 1:45—Betty Marlowe, talk 2—NBC, Al Pearce and Gang 3—Proctor's: Betty 3:15—Saxophone Melodies 3:30—Preschool Association Talk 3:35—Dream Melodies 4—Medical talk: Vindabonians 4:30—Dream Melodies 5—Leo Reisman's Orchestra 5:30—NBC, Billy Batchelor 5:45—NBC, Little Orphan Annie 6—Muted Strings 6:30—NBC-KGO Programs to 7:45 7:45—Beauty That Endures 8—NBC-KGO programs to 10:30 10:30 to 12 mid —Dance Music

508.2 Meters KHQ Main 5383 590 Kcys. Any 1000 Watts Louis Wasmer, Inc., Spokane, Wash. Louis Wasmer, Inc., Spokane, Wash.
7 A.M. to 1—Various programs
1 P.M.—NBC, General Mills prog.
1:15—Sylvia Gray
1:30—NBC, Oxydols Ma Perkins
1:45—NBC, Betty Marlow
2—NBC, Al Pearce & Gang
3—Studio programs
4:15—NBC, Nat. Advisory Council
4:45—Tull and Gibbs Express
5—NBC-KGO programs to 6
6—N. W. on Parade
6:30—NBC-KGO programs to 7:45
7:45—Four Horsemen
—NBC-KGO programs to 9:30 -NBC-KGO programs to 9:30 9:30—To be announced 9:45—Frank and Archie 10—NBC, Richfield News 10:15—NBC, Mark Hopkins Orch. 10:30—Radio Specials 11 to 12 mid.-Dance music

309.1 Meters KJR 5000 Watts 970 Kcys. Northwest Broad. System, Seattle, Wn. 7:30 A.M. to 5-Various programs -Recorded program 6-NBC, Doric Quartet 6-30—Wash, High School Reporter 6:45—Glen and Ruby 7—Dinner Dansant 7:30—Northwest Payroll Builders 7:45—NBC, Simmons and Sears 8—Muted Strings 8:15—To be announced 9:15—Song Recital 9:30—Dance Music 10:30—Silver Strings, Solberg 11—NBC, Ambassador Hotel Orch. 11:30 to 12 mid.—Records

483.6 Meters KGW Atwater 2121 1000 Watts 620 Kcys. **NGW** 1000 Watts Morning Oregonian, Portland, Ore. 7 A.M. to 12—Various Programs 12 noon—F. A. Cook News 12:15—NBC-KGO programs to 1:15—1:15—Parker Dental Clinic 1:30—NBC-KGO programs to 3 3—Misha Pelz, piano 3:15—As If by Magic 3:20—Friendly Chat 3:29—Friendly Chat
3:45—MBC-KGO programs to 4:45
4:45—Bar-X Kids
5—NBC-KGO programs to 6
6—Crazy Crystals
6:15—Captain Ervin Traffic Talk 6:30—NBC-KGO programs to 10:15 10:15—Jack Bain's Orchestra 10:45 to 12 midnight—Dance Music

7 11 TO TO TO

WEDNESDAY Programs

379.5 Mtrs. NBC-KGO Sutter 1920
790 Kcys.
National Broadcast. Co., San Francisco
7 A.M.—Breen and de Rose
7:15—Organ Concert
7:30—Financial Service
7:45—Exercise and Applesauce
8:15—Singing Strings
8:30—United States Army Band
9—Barbara Lee
9:15—Home Economics Talk
9:30—Arion Trio
9:45—Jean Abbey, shop news
10—Sarah Kreindler, violinist
10:15—Books for Children
10:30—Magazine of the Air
11:30—Smackout: Marion and Jim
11:45—Words and Music
12:15—Smackout: Marion and Jim
11:45—Words and Music
12:05—Joe White, tenor
12:15—Western Farm & Home Hour
1—Betty and Bob
1:5—Alice Joy, Dream Girl
1:30—Oxydol's Own Ma Perkins
1:45—Lady Next Door
2—Al Pearce and His Gang
3—Rush Hughes, Pictorial
3:30—Organ Concert; Soloist
4-Society Sidelights
4:15—Oriental Orchestra
4:30—Mary's Friendly Garden
5—Stories of Human Behavior
5:15—Children's Corner
6:30—Billy Batchelor
5:45—Little Orphan Annle
6—Ipana Troubadours
6:30—John McCormack, tenor
7—Corn Cob Pipe Club
7:30—National Radio Forum
8—Amos 'n' Andy
8:15—Warden Lawes in "20,000
Years in Sing Sing": Drama
8:45—Winning the West: Drama
8:45—Winning the West: Drama
8:45—Winning the West: Drama
8:45—Phil Harris Orchestra
11—Tom Coakley's Orchestra
11:30 to 12 Mid.—Organ Concert

440.9 Meters KPO
50,000 Watts
National Broadcast. Co., 50,000 Watts
National Broadcast. Co., 5an Francisco
7:30 A.M.—The Three Scamps
7:45—Organ Concert
8—Pappy, Ezra, Zeke and Elton
8:15—Log o' the Day Crosscuts
9:15—Log o' the Day Crosscuts
9:15—Julia Hayes; 9:35, News
9:50—Organ; 9:55, Health Talk
10—Elmore Vincent, tenor
10:15—Songs by the Kitchen Sink
10:30—Vic and Sade
10:45—Julia Hayes, beauty talk
11—Happy Days in Dixle
11:30—Argentine Trio
11:45—Agricultural Bulletins
12 noon—Midday Musicale
11:45—Agricultural Bulletins
12 noon—Midday Musicale
1:45—John and Ned, harmony duo
2—Morin Sist.rs, vocalists
2:15—Babes in Hollywood
2:30—The Four Knaves
2:45—Grandpa Burton
3—Health Talk
3:05—Xavier Cugat's Orchestra
3:15—Mud Caves, dramatic skit
3:30—Irene Beasley, songs
5:45—Univ. of Calif. Program
4—Mary Small and Orchestra
4:15—Tone Portraits
4:45—Alvino Rey, guitarist
5-Irv. Kennedy, tenor; 5:15, News
5:30—Song Thots
5:45—Dan Russo Orchestra

6—Arion Trio
6:30—Cleff Dwellers, vocalists
6:45—Detectives Black and Blue
7—Edna Fischer, pianist
7:15—Tarzan of the Apes
7:30—Dr. Mies Laboratories
7:45—Agriculture Today
8—Nanette La Salle, vocalist
8:15—Red Davis, dramatic sketch
8:30—Californians on Parade
9—St. Regis Orchestra
9:15—Book Parade
9:30—Hills Bros. (Elec. Trans.)
9:35—Seven Seas; Orchestra
10—Marshall's Mavericks
10:30—Pacific Serenaders
11-Ambassador Hotel Orchestra
11:30 to 12 mid.—Bal Tabarin Orch.

243.8 Meters KYA Prospect 3456
1230 Kcys. Prospect 3456
1200 Watts
Pac. Broadcast. Corp., San Francisco
7:30 A.M. to 12—Various programs
12 noon—Scriptures
12:03—Hawaiians: 12:30, Organ
1—Afternoon Concert; 2, Harmonies
2:15—Helen Barker, Art Lecture
2:30—Community Chest
2:45—Organ Matinee
3:45—Mountain Boys
4—Violin Masters
4:15—Better Business Talk
4:30—Symphony Highlights
4:55—NRA Talk
5—Sunset Crier
5:45—Campbell Dentist
6—Paraders; 6:15, Waltz Idylls
7—Bob Allen, Piano Styllist
7:15—Gene Mancini, Virginia Miller
7:30—Rhythm Princes
8—Souvenirs of Italy
8:30—John Wolohan's Orchestra
9—News Flashes
9:15—Argentinians
9:30—Dance Rhythms
10—Organ Serenade
It to 12 Mid.—Concert Memories

322.4 Meters KROW Glenc. 6774
930 Kcys.
Educa. Broad. Corp., Oakland, Calif.
7 A.M. to 5:30—Various Programs
5:30 P.M.—Eat your way to Health
6—News by Bill Meyer
6:15—Walk-a-thon; 6:30, Organ
6:45—Health Swing program
7—C. W. Hammond
7:15—The Ne'er Do Well
7:30—Andre de Caux
8—Tuneful Tunes
8:15—Sally Snow, Hillnelly
8:30—Jess Stafford's Orchestra
9—Boxing Matches
10—Dance Music; Walkathon

296.6 Meters KQW Ballard 777
1010 Kcys.

Pac. Agric. Foundation, Ltd., San Jose
7 A.M. to 6—Various programs
6 P.M.—Dept. of Agriculture
6:15—Franco's program
6:30—State Market Reports
6:45—Farmers' Exchange
7—U. S. Weather Forecast
7:03—Radio News and Forum
7:15—Dr. Anderson's Talk
7:30—Monarch Melodists
7:45—Cecil and Sally
8—Amer. Legion War Camp
8:15—Herbert Miller, Basso
8:30—Half-Hour of Melodies
9—Eb and Zeb
9:15—A. Caro Miller
9:30 to 10 P.M.—Orchestra

491.5 Meters KFRC Prospect 0100 610 Kcys. KFRC 1000 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Records; Stocks; Exercises 8:15—CBS, Four Showmen 8:30—CBS, Tony Wons, Philosopher 8:45—Jane Ellison's Magic Recipes 8:30—CBS, Tony Wons, Frinosopher 8:45—Jane Ellison's Magic Recipes 9—CBS, Voice of Experience 9:15—O'Connor Moffatt Talk 9:20—CBS, Elizabeth Barthell 9:30—Bettey Crocker Cooking School 9:45—CBS, Little Edison Ensemble 10—CBS, Little French Princess 10:15—Goodwill Industries Talk 10:30—CBS, Easy Aces 10:45—Prudence Penny 11—CBS, Just Plain Bill 1:15—Romance of Helen Trent 11:30—CBS, Amer. School of Air 12:55—Vidacrin Talk 1—CBS, Popular Classics 1:30—CBS, Educational Feature 1:45—N. Y. Stock Quotations 1:50—CBS Merrymakers 2—Happy Go Lucky Hour 3—Feminine Fancies 3:30—Violin, Cello and Organ 1:45—CBS, Tito Cuirar. 3-3-Penninine Fallicia 3:30-Violin, Cello and Organ 3:45-CBS, Tito Guizar 4-Melodies Organistique 4:15-CBS, Texas Rangers 4:30-Vidacrin Talk 4:30—Vidacrin Talk
4:35—CBS, Those McCarthy Girls
4:35—CBS, Those McCarthy Girls
4:45—Lost and Found Items
4:50—Recordings; Town Topics
5—NRA Speaker; Records
5:15—H Bar O Rangers
5:30—Albert Spalding, Violinist
6—CBS, Philadelphia Orchestra
6:15—CBS, Stoopnagle & Budd
6:30—CBS, Burns & Allen
7—CBS, Ted Fio Rito's Orchestra
7:30—CBS, Columbia News Service
7:45—CBS, Myrt & Marge
8—CBS, Andre Kostelanetz Presents
8:15—CBS, Five Spirits of Rythm 8:15—CBS, Five Spirits of Rythm 8:30—CBS, Edwin C. Hill 8:45—The Buccaneers 8:45—The Buccaneers
9—Examiner Sports Parade
9:30—Hermie King's Orchestra
10—News Editor of the Air
10:10—Gillette Drama
10:15—Ted Fio Rito's Orchestra
11—Dance Orchestra
11:3 to 12 mid.—Bill Fleck Orch.

340.7 Meters KLX Lake. 6000
880 Kcys. Co., Oakland, Calif.
8 A.M. to 12—Records; Stocks; Talks
12 noon—Bill Duncan's Band
1—"Timely Garden Tips"
1:15—Jean's Hi-Lights
2—Recordings; News
2:35—Better Business Talk
2:40—Stocks; Records
3:15—Nancy Ann Hersey, pianist
3:30—News Flashes; Records
4—Lost and Found; Records
4:15—Brother Bob's Club; News
4:45—Health School of the Air
5—Helen Parmelee, pianist
5:15—Dr. Ross Pet Clinic of the Air
5:20—Helen Parmelee, pianist
5:30—Covered Wagon Jublice
6—Hotel Oakland Trio; 7 News
7:30—Manila String Orchestra
8—Miniature Revue; Helen Benson;
Melody Maids; Clark Sisters and
Wes Summerford
9—Nevada Nite Herders
9:30—Bungling Bunglers
9:45—Freddle Skinner

10 to 11 P.M.-Dance Program

Seneca 1515

5000 Watts

7 A.M. to 1—Various Programs
1 P.M.—Radio Frolic
1:30—Over the Teacups
2—News; 2:15, Town Crier
3—X Bar B Boys; 3:30, Studio
3:45—Health Talk
4—Keep Smilling Revue
4:30—The Old Bachelor
4:45—Studio program
5—Rusty, the Boy Aviator
5:15—Si and Elmer
5:30—Health Talk; 6, Smile Club
6:30—Columbia News Page
6:45—Sport Page; 7, Vocalist
7:15—Italian News Broadcast
7:30—Studio; 7:45, Family Album
8—Studio Program 7 A.M. to 1-Various Programs 8-Studio Program 8:15—Paramount on Parade 8:30—Studio program 8:45—Cecil and Sally (Elec. Trans.) 9:30—Hill Billies 10 to 11:30 P.M.—Studio; Records

333.1 Meters KHJ VAndike 7111 900 Kcys. KHJ VAndike 7111 Don Lee Broadcast. System, L.A., Cal. 7 A.M. to 6—Various Programs 6 P.M —CBS, Philadelphia Orch. 6:15—CBS, Pontiac program 6:30—CBS, Guy Lombardo's Orch. 10:10—Dance Music 12 to 1 A.M.—Recordings

285.5 Meters KNX Hemp. 4101 25,000 Watts 1050 Kcys. Western Broadcast. Co., Los Angeles 6:45 A.M. to 5-Various Programs 6:45 A.M. to 5—Various Progr. 5 P.M.—Storytown Express 5:15—College Daze & Knights 5:30—Lokeld transcription 5:35—Noble Sisters Trio 5:45—Universal Song Service 6—News, 6:15, Concert Group 6:30—King Cowboy 6:45—Bill, Mack and Jimmy 7—Frank and Archie 7:15—Eleck and Blue Knights 7—Frank and Archie
7:15—Black and Blue
7:30—Adventures of Red Davis
7:45—Lawrence King, tenor
8-Agricultural Digest
8:15—Charlotte Woodruff
8:30—'So This Is Radio''
8:45—Dramatized Ballads
9—News; 9:15, Concert Group
9:45—Musical Program
10 to 11 P.M.—Pete Pontrelli's Orch.

225.4 Meters KGB Franklin 6151 1330 Kcys. 1000 Watts Don Lee Broadcas. System, S. D., Cal. 7 A.M. to 6 P.M.-Various programs 7 A.M. to 6 P.M.—Various programs 6—CBS, Philadelphia Orchestra 6:15—Stoopnagle and Budd 6:30—Geo. Burns and Grace Allen 7—CBS, Ted Flo Rito's Orchestra 7:30—To be announced 7:45—CBS, Myrt and Marge 8—Calling All Cars 8:30—CBS, Edwin C. Hill 8:45—Buccaneers -Dance music 10—World-wide News 10:10—Dance Music 12 to 1 A.M.—Recordings

535.4 Meters KTAB Garfield 4700 468.5 Meters KFI Richtn'd 6111 500 Kcys. Assoc. Broadcasters, Oakland, Calif. Earle C. Anthony, Inc., Los Angeles Richin'd 6111 7 A.M.-Exercises; News; Stocks 4:45—Church Quarter-Hour 8—Jean George, Pianist 8:15—NBC, Crosscuts 8:45—Julia Hayes, Helpful Hints 9—Charlie Wellman, Songs 9:15—NBC-KGO programs to 9:45 9:45—Melisse's Chat 10—English Lesson 10:15—Health Tall 7:45—Church Quarter-Hour 10:15—Health Talk 10:30—NBC, Magazine of the Air 11:30—Sing and Smile 11:45—Market Reports; Agric, Talk 11:45—Market Reports; Agric. Talk 12:15 P.M.—NBC-KGO prog. to 1:15 1:15—News Release 1:30—NBC, Oxydol's Ma Perkins 1:45—Dixie Aces 2—NBC-KGO programs to 3:15 3:15—Ann Warner; 3:45, Organ 4:15—NBC, Oriental Orchestra 4:30—Better Business Talk 5-Julie Kellar, Harpist 5:15-Health Talk 7:30—NBC-KGO programs to 7:30 7:30—''Makers of History'' 8 to 12 mid.—NBC-KGO programs

> 483.6 Meters KGW Atwater 2121 1000 Watts Morning Oregonian, Portland, Ore. 7 A.M. to 1 P.M.—Various programs
> 1—NBC, Bob and Betty
> 1:15—Parker Dental Clinic
> 1:30—NBC-KGO programs to 3
> 1:45—Michael Arenstein, Cellist 1:45—Michael Arenstein, Cellist
> 2—NBC, Al Pearce and Gang
> 3—Krazy Limericks
> 3:05—Waldorf-Astoria Orchestra
> 3:15—As If By Magic
> 3:20—Friendly Chat
> 3:45—NBC-KGO programs to 4:30
> 4:30—Eddie King, Pianist
> 4:45—Bar-X Kids
> 5—NBC, Concert Miniature
> 5:10—Memory Singer; Pianist
> 5:30—NBC-KGO Programs to 7:30
> 7:30—Covered Wagon Days
> 8—NBC-KGO Programs to 9:30
> 9:36—NBC Program
> 10—NBC, Richfield News Flashes
> 10:15 to 12 mid.—Dance Music

325.9 Meters KOMO Elliott 5890
320 Kcys. 1000 Watts
Fisher's Blend Station, Inc., Seattle
7 A.M. to 1 P.M.—Various programs
1 P.M.—NBC, Betty and Bob
1 15—Musical program
1:30—Oxydol's Ma Perkins
1:45—Harp Melodies
2—NBC, Al Pearce and His Gang
3—Proctor's; Betty
3:15—Cello Favorites; Day Dreams
3:45—Easy Chair
4—NBC, KGO Programs to 5
5—Happiness Program
5:30—NBC, Billy Batchelor
5:45—NBC, Little Orphan Annie
6—Ipana Troubadours
6:30—NBC-KGO Programs to 7:30
7:30—Happiness Program
7:45—Souvenirs -Souvenirs -NBC-KGO Programs to 10
-NBC, Richfield News Flashes 10:15—General Harmonizers 10:30 to 12 mid.—Dance Music

280.2 Meters KJBS Ord. 4148-49 1070 Kcys. 100 Watts J. Brunton & Sons, San Francisco 7 A.M. to 5:45—Records; News 5:45 P.M.—Silent period 12:01 to 7 A.M.—Owl program

508.2 Meters KHQ 590 Kcys. Main 5383 1000 Watts Louis Wasmer, Inc., Spokane, Wash. 7 A.M. to 1—Various programs 1—NBC, General Mills program 1:15—Sylvia Gray
1:30—NBC, Oxydols Ma Perkins
1:45—Lubins Style Shop
2—NBC, Al Pearce and Gang
3—NBC, Waldorf Astoria
2:15 Stylio program 3--NBC, wataori Astoria
3:15--Studio program
4:30--NBC, Mary's Garden
4:45--Tull and Gibbs Express
5--Commercial Creamery program 5:15—NBC-KGO programs to 7:30 7:30—Black and Blue 7:45-Kinman Business University 7:45—Kinman Business University
8—NBC-KGO program to 9
9—Black and Blue
9:15—Serenaders
9:30—Brystol Meyers
10—NBC, Richfield News
10:15—NBC, Mark Hopkins Orch
10:30—Radio Specials
11 to 12 mid.—Dance music 11 to 12 mid.-Dance music

KJR

Northwest Broad. System, Seattle, Wn.

7:30 A.M. to 5—Various programs 5 P.M.—NBC programs

309.1 Meters

970 Kcys.

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5 P.M.—NBC programs
5:30—Recorded programs
6—Woodwind Ensemble
6:30—Wash. High School Reporter
6:45—Dinner Dansant
7:15—Tarzan
7:30—NBC, National Radio Forum
8—Merrie Maniacs
8:30—Dollars and Cents
8:45—Frank Watanabe & Archie
9—Song. Recital 8:45—Frank Watanabe & Archie
9-Song Recital
9:15—Chamber of Commerce Talk
9:30—Melodies and Memories
10-Jules Buffano's Orchestra
10:30—Silver Strings
11:30—NBC, Hotel Ambassador Or.
11:30 to 12 mid.—Records

526 Meters KVI Broadway 4211
570 Kcys.
Puget Sound Broadcast. Co., Tacoma
6 A.M. to 6—Various programs
6 P.M.—Phila. Symphony Orch.
6:15—Stoopnagle and Budd
6:30—Burns and Allen
7—Ted Flo Rito's Orch.
7:30—Columbia News Service
7:45—Myrt & Marge
8—CBS programs to 8:45
8:45—The Buccaneers
9—Glen Gray's Orchestra
9:15—Blue Star Revue 9:15—Blue Star Revue 9:45—School Night 10 to 12 mid.—Dance music

236.1 Meters KOL Main 2312 1000 Watts 1270 Kcys. Seattle Broadcast. Co., Seattle, Wash.
6:45 A.M. to 5—Various Programs
5: P.M.—Studio program
5:10—American Cracker program
5:15—H-Bar-O Rangers
5:30—CBS, Albert Spalding
6—CBS, Phila. Symph. Orch.
6:15—CBS, Col. Stoopnagle & Budd
6:30—CBS, White Owl Program
7-CBS, Col. Stoopnagle & Budd
6:30—CBS, White Owl Program
7:30—Black and Blue
7-CBS, Gld Gold Program
7:45—CBS, Mary and Marge
8—CBS, Andre Kostelanetz Presents
8:15—CBS, Five Spirits of Rhythm
8:30—CBS, Barbasol program
8:45—Hollywood Looking Glass
9—Lou Greenfield's Program
9:15—Gold Blue Star Revue
9:45—Globe Trotter
10 to 12 mid.—Dance music Seattle Broadcast. Co., Seattle, Wash.

THURSDAY Programs .

790 Kcys. NDC-RUU 7500 Watts
National Broadcast. Co., San Francisco
7 A.M.—Edward MacHugh, Gospel
Singer
7:15—Organ Concert
7:30—Financial Service
7:45—Exercise and Applesauce
8—Del Monte Ship of Joy
8:30—Morin Sisters
8—Barbara Lee
9:15—Wendeil Hall, vocalist
9:30—Martha Meade Society
9:45—Will Aubrey, comedian
10—Magazine of the Air
11—Standard School Broadcast
11:45—Words and Music
12 noon—Financial Flashes
12:05—Reed Kennedy, baritone
12:15—Farm and Home Hour
12:15—Farm and Home Hour
12:15—Farm and Home Hour
13:30—Oxydol's Own Ma Perkins
1:45—Betty And Bob
1:15—Blice Joy, vocalist
1:35—Grandmother's Trunk
4—Family Cook Book
4:15—Dance Masters
4:30—Mary's Friendly Garden
5—Rudy Vallee's Orchestra
6—Capt. Henry's Show Boat
7—Paul Whiteman's Orchestra with
Al Jolson
8—Amos 'n' Andy
8:15—Standard Symphony Hour
9:15—Knickerbockers Quartet
9:30—Waltz Time
10—Richeld News Flashes
10:15—Mark Hopkins Orchestra
11:50—Dark Hopkins Orchestra
10—Richeld News Flashes
10:15—Mark Hopkins Orchestra
11:50—to 12 mid.—Organ Concert

440.9 Meters KPO

680 Kcys.

Atlantional Broadcast. Co., San Francisco
7:30 A.M.—Morning Parade; Organ
8:15—Log o' the Day Crosscuts
9:15—Julia Hayes; 9:30, News
9:45—Johnny O'Brien, harmonica
9:55—Health Talk
10—New Kitchen Secrets
10:15—Strange Interview
10:30—Vic and Sade
10:45—Julia Hayes, talk
11:45—Agricultural Bulletin
12:45—Julia Hayes, talk
11:45—Agricultural Bulletin
12:45—John Ann Warner's Chats
1:45—John Ann Warner's Chats
1:45—John Band Ned, harmony duo
2—Armand Girard, basso
2:30—Winnie, the Pooh
2:45—Fashion Flashes
3—Dr. Copeland's Health Talk
3:05—Ritz-Carlton Orchestra
3:15—Mud Caves, dramatic skit
3:15—Mud Caves, dramatic skit
3:05—Ritz-Carlton Orchestra
4—Twenty Fingers of Harmony
4:15—Harry Stanton, basso
4:30—Carlos Gardel, baritone
5:15—News; 5:30, Organ Concert
5:40—Westclox Program
5:45—Behind the Footlights
6—Arlon Trio
6:30—Federal Business Talk
6:45—Marshall's Mavericks
7:15—Review of Activities of the
San Francisco Municipal Govern.
7:30—Voice of Pan

379.5 Mtrs. NBC-KGO Sutter 1920
790 Kcys. October 1920
790 Kcys. October 1920
National Broadcast. Co., San Francisco
7 A.M.—Edward MacHugh, Gospel
Singer
7:15—Organ Concert
7:30—Financial Service
7:45—Exercise and Applesauce
7:45—Exercise and Applesauce
8:30—Eno Crime Clues
9—George Olsen's Orchestra
9:30—Hills Bros. (E. T.)
9:35—Dancing in Twin Cities
10—Zizz Black's Orchestra
10:30—Music Box
11—Ambassador Hotel Orchestra
11:30 to 12 mid.—Bal Tabarin Orch.

243.8 Meters KYA Prospect 3456
1230 Kcys.
Pac. Broadcast. Corp., San Francisco
7:30 A.M. to 12—Various programs
12 Noon—Scriptures
12:03—Argentinians; 12:30, Organ
1—Shrine Luncheon Club
1:30—Afternoon Concert
1:45—NBC, Lady Next Door
2—International Troubadors
2:15—Hawaiian Melodies
2:45—Echoes in Erin; 3, Organ
4—Musical Strings; 4:15, Old Songs
4:30—Music Masters
5—Sunset Crier
5:45—Campbell Digest
6—Cossack Carnival
6:15—Waltz Idylls
7—Bob Alien, Plano Styllst
7:15—Sportsman's Corner
7:30—Paraders; Sports Review
8—John Wolohan's Orchestra
9—News Flashes; Quartette
9:30—Dance Rhythms
10—Organ Serenade
11 to 12 Mid.—Concert Memories

340.7 Meters RLX Lake. 6000
1880 Kcys. Co., Oakland, Calif.
8 A.M. to 12—Records; Stocks; News
12 noon—Bill Duncan's Band
1—Jean's Hi-Lights
2—Mildred Miller Bridge Talk
2:15—Records; News; Stocks
3:15—Carmen Rushing, planlst
3:30—News Flashes; Records
4—Lost and Found
4:15—Brother Bob's Club; News
4:45—Health School of the Air
5—Covered Wagon Jubilee
5:30—High School News
6—Hotel Oakland Trio
7—News Items
7:30—Anita and Orosco
7:45—Sports Hi-Lights
8—Boy Scouts program
8:15—Ernest Palany, tenor; Carlos
Jurquin, baritone and Wilma Maghella, pianist
8:30—Jack Manley, violinist
8:30—Jack Manley, violinist
8:35—Freedig Skinner

-Dr. Copeland's Health Talk
05-Ritz-Carlton Orchestra
15-Mud Caves, dramatic skit
30-John B. Kennedy
45-Univ. of Calif. Program
-Twenty Fingers of Harmony
15-Harry Stanton, basso
30-Carlos Gardel, baritone
-Arlon Trio; 5:10 Iokeip program
15-News; 5:30, Organ Concert
40-Westclox Program
45-Behind the Footlights
-Arlon Trio
30-Federal Business Talk
45-Marshall's Mavericks
15-Review of Activities of the
San Francisco Municipal Govern.
30-Woice of Pan
-Josef Hornik's Concert Orchestra

296.6 Meters KQW Ballard 777
500 Watts
1010 Kcys.

R A.M. to 6-Various programs
6 P.M. -Dept. of Agriculture
6:30-State Market Reports
6:30-State Market Reports
6:30-Reve Chamber of Commerce
7:30-Rev. C. B. Sylvester
7:30-Rev. C. B. Sylvester
7:45-Cecil and Sally
8-Old Church Choir
9-KQW's Tenor
9-KQW's Tenor
9-KQW's Tenor
9:15-Vocalist
9:30-Musical Readings
9:45 to 10 P.M.—Studio Program

to 11 P.M.-Dance Program

491.5 Meters KFRC Prospect 0100 610 Kcys. Prospect 0100 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Records; Stocks; Exercises 8:30—CBS, Tony Wons 8:45—CBS, Academy of Medicine 9—CBS, Voice of Experience 9:15—O'Connor Moffatt Talk 9:20—CBS, Connie Gates, Songs 9:30—Globe Mills Cooking School 9:45-Angelos Tango Orchestra 10--The Little French Princes 10--The Little French Princes
10:15-Recordings
10:30-CBS, Easy Aces
10:45-Prudence Penny
11--CBS, Just Plain Bill
11:15-Romance of Helen Trent
11:30-CBS Amer. School of the Air
2 noon-Noonday Concert
12:55-Vidacrin Talk
1--Women's Institute of the Air 1—Women's Institute of the Air 1:15—CBS, Curtis Institute of Music 1:30—CBS, American Legion Speaker 1:45—Stock Quotations 1:50—CBS, Artist Recital 2—Happy Go Lucky Ho 3—Feminine Fancies 3:30-CBS, Sweet Music 3:45-CBS, Memory Lane 4-Recordings 1:15-CBS, Texas Rangers 4:30-Vidacrin Talk 4:55-Town Topics 5:15— Bar O Rangers 5:30—Charlie Lung Gang 5:30—Charlie Lung Gang 5:45—To be announced 6—CBS, Philadelphia Symphony 6:15—CBS, Andre Kostelanetz 6:30—Fred Waring's Pennsylvan's. 7-CBS, Camel Caravan 7-CBS, Columbia News Service 7:30-CBS, Columbia News Service 7:45-CBS, Myrt & Marge 8-CBS, Callfornia Melodies 8:30-CBS, Edwin C. Hill 8:45-CBS, Isham Jones Orch. 8:49—CBS, Isnam Jones Orch.
9—Blue Monday Jamboree
10—News Editor of the Air
10:10—Gillette Drama
10:15—Ted Fio Rito's Orchestra
11—To be announced
11:30 to 12 mid.—Bill Fleck Orch.

322.4 Meters KROW Glenc. 6774
930 Kcys.

Educa. Broad. Corp., Oakland, Calif.
7 A.M. to 5:30—Varlous Programs
5:30 P.M.—Eat your way to Health
6-News; 6:15. Walk-a-thon'
6:30—Orpheum program
6:45—Organ; 7, C. W. Hammond
7:15—The Ne'er Do Well
7:30—Italian program
8-Portuguese Program
8:30—Ice Hockey
9:30—Musical program
10 to 12 mid.—Dance Music

225.4 Meters KGB Franklin 6151
1330 Kcys. Don Lee Broadcas. System, S. D., Cal.
7 A.M. to 6—Various programs
6 P.M.—CBS programs
6:30—CBS, Waring's Pennsylvanlans
7—CBS, Camel Program
7:30—Tarzan of the Apes
7:45—Myrt and Marke
8—CBS, California Melodies
8:30—CBS, Edwin C. Hill
8:45—CBS, Isham Jones' Dance Or.
9—KFRC Jamboree
10—World-wide News
10:10—Dance Music

Richm'd 6111

50,000 Watts

535.4 Meters KTAB Garfield 4700 1000 Watts Assoc. Broadcasters, Oakland, Calif. Assoc. Broadcasters, Oakland, Calif A.M. to 1—Various Programs 1 P.M.—Radio Frolic 1:30—Over the Teacups 2—News; 2:15, Town Crier 3—X Bar B Boys 3:30—Studio program 4—Keep Smilling Revue 4:30—The Old Bachelor 4:45—Studio program 5—Rusty, the Boy Aviator 5:15—SI and Elmer 5:30—Health Talk; 6, Smile Club 6:30—Columbia News Page 6:30-Columbia News Page 6:45-Ernie Smith's Sport Page 7-Dot Kay, vocalist 7:15-Italian News Broadcast 7:30-KTAB Capers 8:30-Studio program 8:45-Cecil and Sally (Elec. Trans.) Souvenirs 9-Souvenis 9:30—Hawaiian Trio 9:45—News Flashes 10—Val Valente's Orchestra 10:30-Hal Girvin's Orchestra 11 to 12 mid.—Records

285.5 Meters KNX Hemp. 4101 1050 Kcys. KNX 25,000 Watts Western Broadcast. Co., Los Angeles 285.5 Meters KNX 6:45 A.M. to 5-Various Programs 5:35 A.M. to 5-Various Programs 5 P.M. --Storytown Express 5:15-U. S. C. Male Chorus 5:30-Bouquet of Memories 5:45-Prof. Lataner; 6, News 6:15-Barmani's Concert Ensemble 6:10—Barman's Concert Ense 6:30—King Cowboy 6:45—Mirthmakers (E.T.) 7—Frank and Archie 7:15—Ballou's Phantom Choir 7:30—Elvia Allman 7:30—Elvia Allman
7:45—Lawrence King, tenor
8—Agricultural digest
8:15—Studio program
8:30—'So This Is Radio''
8:45—''The Avengers'' Playlet
9—News; 9:15, Musical program
9:30—L. A. Radio Guild
10 to 11 A.M.—Pontrelli's Orchestra

333.1 Meters KHJ VAndike 7111 900 Kcvs. KHJ VAndike 7111 900 Kcys. Don Lee Broadcast. System, L.A., Cal. Don Lee Droadcast. System, L.A., Cai. 7 A.M. to 5—Various Programs 5 P.M.—Children's Radio Theatre 5:15—H-Bar-O Rangers 5:30—Charlie Lung and Gang 5:45—Clark Dennis and Piano 6—CBS, Philadelphia Orchestra 6:15—CBS, Bulck Program 6:30—CBS, Waring's Pennsylvanians 7 CBS, Carrel Consultations of the consultation of the consulta -CBS, Camel Caravan 7—CBS, Camel Caravan
7:30—Isle of Romance
7:45—CBS, Myrt and Marge
8—Hermie King's Orchestra
8:30—CBS, Edw. C. Hill
8:45—CBS, Isham Jones' Orchestra
9—KFRC Jamboree
10—News Items
10:10—Dance Orchestras 10:10—Dance Orchestras 12 to 1 A M.—Recordings

499.7 Meters KFSD Franklin 6353 600 Kcys. Airfan Radio Corp., Ltd., San Diego 7:30 A.M. to 6—Various programs
6 P.M.—NBC, Capt. Henry's Show
7—Frost Forecast; Rainbow's End
7:15—Stevensville Folks
7:30—YMCA Harmonica Band 8-Chamber of Commerce 8:15-Angelita 8:30-Voice, Violin and Piano 9-To be announced 9:15 to 12 mid.—NBC programs

483.6 Meters KGW Atwater 2121 1000 Watts 620 Kcys. Morning Oregonian, Portland, Ore. Morning Oregonian, Portland, Ore 7 A.M. to 12—Various Programs 12 noon—F A. Cook News 12:15—NBC-KGO programs to 1:15 1:15—Parker Dental Clinic 1:30—Oxydol's Ma Perkins 1:45—Betty Marlowe, talk 2—NBC, Al Pearce and his Gang 3—NBC, Ritz Carlton Hotel Orch. 3:15—As If By Magic 3:20—Friendly Chat 4—NBC programs 4:30—Studio; Bar-X Kids 4:30—Studio; Bar-X Kids 5—NBC-KGO programs to 9:15 9:15—Frances Ingram 9:30—Musical Mannequins 10-NBC, News Flashes 10:15 to 12 mid.—Dance Music

325.9 Meters KOMO Elliott 5890 920 Kcys. KOMO Watts 920 Kcys. Fisher's Blend Station, Inc., Seattle Fisher's Blend Station, Inc., Se. 7 A.M. to 1—Various Programs 1 P.M.—NBC, Betty and Bob 1:15—Harp Solo 1:30—Oxydol's Ma Perkins 1:45—NBC, Betty Marlowe 2—NBC, Al Pearce and Gang 3—Proctor's: Betty 3:15—Glen and Ruby 3:30—Concert Serenaders 4—20 Fingers of Harmony 4:15—Dance Masters 4—20 Fingers of Harmony
4:15—Dance Masters
4:30—Manhattan Echoes
5—NBC-KGO Programs to 9:30
9:30—Musical Mannequins
10—NBC, Richfield News Flashes
10:15 to 12 mid.—Dance Music

309.1 Meters KJR Seneca 1515 970 Kcys. 5000 Watts Northwest Broad. System, Seattle, Wn. 7:30 A.M. to 5-Various programs 5 P.M.—Recorded programs Popular Melodies 6—Popular Melodies
6:30—Wash. High School Reporter
6:45—Viennese Vagabonds
7:15—Around the Town
7:30—Northwest Payroll Builders
7:45—Petite Symphonists
8:15—"Souvenirs" 8:30—Dollars and Cents 8:45—Frank Watanabe & Archie 9-Song Recital 9-15-Musical program 9:30-NBC program 10:30-Nocturne, Meyer & Pearson 11-Ambassador Hotel Orchestra 11:30 to 12 mid.—Recorded program

236.1 Meters KOL Main 2312 1270 Kcvs. 1000 Watts Seattle Broadcast. Co., Seattle, Wash. Seattle Broadcast. Co., Seattle, was 6:45 A.M. to 5—Various Programs 5 P.M.—Studio Program 5:10—Amer. Cracker Program 5:15—CBS, H-Bar-O Rangers 5:30—Charlie Lung 5:45—Charles Reynolds 5:45—Charles Reynolds
6—CBS, Philadelphia Symphony
6:15—CBS, Buick Program
6:30—CBS, Waring's Pennsylvanians
7—CBS, Camel Program
7:30—Radio Speaker Stevenson
7:45—CBS, Myrt and Marge
8—CBS, Mark Warnow
8:15—Hollywood Newshawk
8:30—CBS, Edwin C. Hill
8:45—"Golden Moments"
9—Lou Greenfield's Program 8:45—"Golden Moments"

9—Lou Greenfield's Program

9:15—Globe Trotter

9:30—Hockey Game

10:30—Dance Music

10:45—American Weekly

11 to 12 mid.—Dance Music

Earle C. Anthony, Inc., Los Angeles 7 A.M.—Exercises; News; Stocks 7:45—Church Quarter-Hour 8—NBC, Del Monte Happytime 8:30—Musical Contrasts 8:45—Julia Hayes, Helpful Hints 9—NBC-KGO programs to 9:45 9:45—Melisse's Chat 10-NBC-KGO programs to 11:45 11:45-Market Reports; Agric. Talk 11:45—Market Reports; Agric. Jain 12:15 P.M.—NBC-KGO prog. to 1:15 1:15—News Release 1:30—NBC-KGO programs to 3:15 3:15—Ann Warner Chats 3:45—Character Sketches 4—Organ Recital 4:30—Calif. Teachers' Assoc. prog. 4:45—News Release 9:15—Rew Release 5—NBC-KGO programs to 9:15 9:15—Comedy Stars of Hollywood 9:30—Eno Crime Clues 10 to 12 mid-NBC-KGO programs

468.5 Meters KFI

640 Kcys.

526 Meters 570 Kcys. KVI Broadway 4211 Puget Sound Broadcast. Co., Tacoma 6 A.M. to 6-Various programs 6 P.M.-Phila. Symphony Orch. 6:15—Andre Kostelanetz 6:30—Waring's Pennsylvanians 7—CBS, Camel Caravan 7:30—Columbia News Service 7:45—CBS programs 8:45—Golden Moments 9—Blue Monday Jamboree 10 to 12 mid.—Dance music

508.2 Meters KHQ Main 5383 1000 Watts 590 Kcys. Louis Wasmer, Inc., Spokane, Wash. 7 A.M. to 1—Various programs

1 P.M.—General Mills program 1:15—Sylvia Gray 1:30—NBC-KGO programs to 3 1:30—NBC-KGO programs to 3
—Studio programs
4:15—NBC-KGO programs to 4:45
4:45—Tull & Gibbs Express
5—NBC-KGO programs to 9:15
9:15—National Grocery
9:30—NBC, Dancing in Twin Cities
9:45—Frank and Archie
10—NBC Richfield News 10—NBC, Richfield News 10:15—NBC, Mark Hopkins Orch. 10:30—Radio Specials 11 to 12 mid .- Dance music

280.2 Meters KJBS Ord. 4148-49 J. Brunton & Sons, San Francisco 7 A.M. to 5:45—Records; News 5:45 P.M.—Silent period 12:01 to 7 A.M.—Owl program

319 Meters KOIN Atwater 3333
940 Kcys. The Journal, Portland, Oregon
6:30 A.M. to 6—Various programs
6 P M.—CBS, Philadelphia Orchestra
6:15—CBS programs
7:30—Tarzan of the Apes
7:45—CBS, Myrt and Marge
8—Bells of Harmony
8:15—CBS Program
9—KFRC Jamboree
10 to 12 mid.—Dance Music 10 to 12 mid.-Dance Music

Program listings are correct when published by Broadcast Weekly, but sale of time by stations and networks and national emergencies often cause deviations which the stations cannot foresee.

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FRIDAY Programs.

379.5 Mtrs. NBC-KGO Sutter 1920
National Broadcast. Co., San Francisco
7 A.M.—Breen and De Rose
7:15—Organ; Financial Service
7:45—Exercise and Applesauce
8:15—Log o' the Day Crosscuts
9—Barbara Lee
9:15—Home Economics Talk
9:30—Nat'l. Farm and Home Hour
10—Sixth Coast Artillery Band
10:30—Magazine of the Air
11:30—Smackout: Comedy Duo
11:45—Friday Steeplechase
12:05—Melody Mixers
12:15—Farm and Home Hour
1—Betty and Bob
1:15—Alice Joy, vocalist
1:30—Oxydol's Own Ma Perkins
1:45—Norman Cloutier's Orch
2—Al Pearce and His Gang
3—Rush Hughes, Pictorial
3:15—Xavier Cugat's Orchestra
3:30—The Well Dressed Woman
3:45—Mountain Music
4—Studio Chatter
4:30—Mary's Friendly Garden
5—Melody Mixers
5:30—Billy Batchelor
5:45—Little Orphan Annie
6—Let's Listen to Harris
6:30—Armour Program: Phil Baker
7—The First Nighter
7:30—One Man's Family
8—Amos 'n' Andy
8:15—Gilmore Circus
9:30—Lee Roberts' Memory Box
9:15—Stringwood Ensemble
9:30—Lee Roberts' Memory Box
9:45—Harry Sosnick Orchestra
10—The Mark Hopkins Orchestra
11—Tom Coakley's Orchestra
11—Tom Coakley's Orchestra

11:30 to 12 mid.—Organ Concert

440.9 Meters KPO 50,000 Watts
National Broadcast. Co., San Francisco
7:30 A.M.—Ralph Kirbery, baritone
7:45—Organ Concert
8—Music Appreciation Hour
9—Johnnie Toffoli, accordionist
9:15—Julia Hayes; 9:30. News
9:45—Organ Concert; Talk
10-Nanette La Salle, vocalist
10:15—School of Cookery
10:30—Arion Trio
10:45—Julia Hayes, talk
11-Magic of Speech
11:30—Paul Carson, organist
11:45—Agricultural Bulletin
12:15—Melody Mixers
12:45—Commonw'ith Club Luncheon
1:30—Ann Warner's Chats
2:30—News; 2:45, Grandpa Burton
3—15—Concert Artists
2:30—News; 2:45, Grandpa Burton
3:15—Mud Caves: dramatic serial
3:15—Mud Caves: dramatic serial
3:15—Thee X Sisters, vocal trio
3:45—Univ. of California Program
4—Dance Masters: Melody Mixers
4:55—For Girls and Boys Only
5:10—lokelp Program; News
5:55—W. J. Ross Program
6—Stringwood Ensemble
6:30—Paul Martin, banjoist
6:45—Detectives Biack and Blue
7—Sports Revue
7:18—Tarzan of the Apes
7:33—Dr. Miles Laboratories prog.
7:45—Charles Hart, instrumentalists
8:15—Red Davis: dramatic serial

8:30—Eno Crime Clues
9—Cotton Club Orchestra
9:30—Hill Bros. (E. T.)
9:35—Big Ten: Vocalists and Orch.
10-Out of the East
10:30—Piano Pictures
11—Ambassador Hotel Orchestra
11:30 to 12 mid.—Bal Tabarin Orch.

535.4 Meters KTAB Garfield 4700
560 Kcys.
Assoc. Broadcasters, Oakland, Calif.
7 A.M. to 1—Varlous Programs
1 P.M.—Radio Frolic
1:30—Over the Teacups
2—News; 2:15, Town Crier
3—X Bar B Boys
3:30—Studio; 3:45. Health Talk
4—Keep Smiling Revue
4:30—Old Bachelor; 4:45, Studio
5—Rusty, the Boy Aviator
5:15—Si and Elmer
5:30— Health Talk
6—Smile Club; 6:30, News
6:45—Sport Page; 7, Vocalist
7:15—Italian News Broadcast
7:15—Exidio: 8, Golf Hints
8:15—Front Page Drama
8:30—Fishing Fool
8:45—Cecil and Sally (Elec. Trans.)
9—Souvenirs; 9, Studio program
10:30—Hal Girvin's Orchestra
11—Santa Clara program
11:15 to 11:30 P.M.—Studio program

340.7 Meters KLX Lake. 6000 880 Kcys. Co., Oakland, Calif. 8 A.M. to 12—Records: Stocks: Music: News 12 noon—Bill Duncan's Band 1—Jean's Hi-Lights 2—Recordings: News 2:35—Retter Business Talk 2:46—S. F. Closing Stocks: Records 3:15—Carmen Rushing, planist 3:30—News Flashes: Records 4:15—Brother Bob's Club: News 4:45—McCoy Health School 5—Helen Parmelee, planist 5:30—Covered Wagon Jubilee 5:45—Lovable Liars 6—Hotel Oakland Trio: News 7:30—L. G. French, baritone 7:50—Basketball. Stanf. v. U.C.L.A. 9:15—Studio program 9:30—California Rangers 10 to 11 P.M.—Dance Program

322.4 Meters KROW Glenc. 6774
930 Kcys.
Educa. Broad. Corp., Oakland, Calif.
7 A. M. to 6—Various Programs
6—News; 6:15. Walk-a-thon
6:30—Fox Orpheum program
6:45—Health Swing program
7—C. W. Hammond
7:15—The Ne'er Do Well
7:45—Tuneful Tunes
8—Tom King. Crime News
8.15—Watch Tower Program
8:30—Radio Playmakers
9—Del Courtney's Band
10—Dance Music: Walkathon

499.7 Meters KFSD Franklin 6353 1000 Watts Airfan Radio Corp., Ltd., San Diego 7:30 A.M. to 6—Various programs 6 P.M.—Safety Talk: Concert 7—NBC, First Nighter 7:30—Feature; Fairway Facts 8:15—L'Heure Exquise 9:15 to 12 mid.—NBC programs

491.5 Meters KFRC Prospect 0100 610 Kcys. FRC 1000 Watts Don Lee Broadcast. System, S. F., Cal. Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Records; Stocks; Exercises 8:30—CBS, Tony Wons, Philosopher 8:45—CBS, Dancing Echoes 9—CBS, Voice of Experience 9:15—O'Connor Moffatt & Co. Talk 9:20—CBS, Elizabeth Barthell 9:30—Betty Crocker Cooking School 9:45—CBS, George Hall's Orchestra 10—CBS, Little French Princess 10:15—CBS, The Playboys 10:25—Talk, Thinc Co. 10:30—CBS, Easy Aces 10:45—Prudence Penny 11—CBS, Just Plain Bill 11—CBS, Just Plain Bill 11:15—Romance of Helen Trent 11:30—Amer. School of the Air 12 noon-Noonday Concert 12:55-Vidacrin Talk 12:55—Vidacrin Talk
1—Discovery Hour
1:30—N. Y. Stock Quotations
1:35—U. S. Army Band
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Sweet Music
3:45—CBS, Joan Olsen & Organ
4—Hodge Podge Lodge
1:30—Vidacrin Talk
4:35—CBS, Clarence Wheeler Orch.
4:45—Lost and Found Items
4:50—Recordings; Town Topics
5—To be announced 5-To be announced 5:15-H Bar O Rangers 5:30-CBS, March of Time 5:30—CBS, March of Time
6—CBS, Philadelphia Orchestra
6:15—CBS, Alexander Woolcott
6:30—CBS, Powder Box Revue
7:30—CBS, Columbia News Service
7:35—CBS, Myrt & Marge
8—CBS, Vocalist & Orchestra 8-CBS, Vocalist & Orchestra 8:15-S&W Mellow'd Melodies 8:30-CBS, Edwin C. Hill 8:45-CBS, Borden Friday Frolic 9:15-CBS, Don Redman's Orch. 9:30-Catherine The Great 10-News Editor of the Air 10:10-Gillette Drama 10:15 to 12 mid .- Dance Music

243.8 Meters KYA Prospect 3456
1230 Kcys. Pac. Broadcast. Corp., San Francisco
7:30 A.M. to 12—Various programs
12 Noon—Scriptures
12:30—Organ
1—Afternoon Concert
2—International Troubadors
2:30—"The Four Knaves"
2:45—Organ Matinee
3:45—Musical Novelties
4—Symphony Highlighits
5—Sunset Crier
5:45—Campbell Digest
6—Paraders; Waltz Idylls
7—Bob Allen, Piano Stylist
7:15—Quartette Time
7:30—Symphonic Jazz
8—John Wolohan's Orchestra
9—News Flashes
9:15—Argenthinans
9:30—Dance Rhythms
10—Organ Serenade
11 to 12 Mid—Concert Memories

280.2 Meters KJBS Ord. 4148-49
1070 Kcys.
J. Brunton & Sons, San Francisco
7 A.M. to 5:45-Records; News
5:45 P.M.—Silent Period
12:01 to 7 A.M.—Owl program

236.1 Meters KOL Main 2312 1270 Kcys. NOL 1000 Watts Seattle Broadcast. Co., Seattle, Wash. 6:45 A.M. to 5:15-Various Progs. 5:15 P.M.—H-Bar-O Rangers 5:30—CBS, March of Time 5:30—CBS, March of Time
6—CBS, Phila. Symphony Orch.
6:15—CBS, Alexander Woollcott
6:30—CBS, Powder Box Review
7—CBS, Swift Revue
7:30—Black and Blue
7:45—CBS, Myrt and Marge
8—Front Page Headlines
8:15—S & W Mellow'd Melodies
8:30—CBS, Edwin C. Hill
8:45—Arizona Jae 8:45—Arizona Joe 9—Lou Greenfield's Program 9:15—Globe Trotter 9:30—"Fun Fest" 9:45—Radio Speaker Stevenson 10 to 12 mid.—Dance Music

526 Meters 570 Kcys. KVI Broadway 4211 1000 Watts Puget Sound Broadcast. Co., Tacoma 6 A.M. to 6—Various programs 6 P.M.—CBS, Symphony 6:15—Andre Kostelanetz 6:30—CBS, Hudnut program 7-Swift and Co. 7—Swift and Co.
7:30—Columbia News Service
7:45—Myrt & Marge
8—Mary Eastman's Orchestra
8:15—Mellowed Melodies
8:30—Edwin C. Hill
8:45—Borden's Friday Frolic
9:15—Hermie King's Orchestra
9:30—Catherine the Great
10 to 12 mid.—Dance music

508.2 Meters KHQ Main 5383 1000 Watts Louis Wasmer, Inc., Spokane, Wash. Louis Wasmer, Inc., Spokane, Wash
7 A.M. to 1—Various programs
1 P.M.—NBC, General Mills prog.
1:15—Sylvia Gray
1:30—NBC, Oxydols Ma Perkins
1:45—Lubins Style Shop
2—NBC, Al Pearce and Gang
3—Studio programs
4:15—NBC, Studio Chatter
4:30—Parade of Happy Feet
4:45—Studio program
5:15—NBC-KGO programs to 8:15
8:15—Violin Recital
8:30—Black and Blue
9—Serenaders 9-Serenaders 9—Serenaders
9:15—NBC-KGO programs to 9:45
9:45—Frank and Archie
10—NBC, Richfield News
10:15—NBC, Mark Hopkins Orch.
10:30—Radio Specials
11: to 19 mid—Pance music 11 to 12 mid .- Dance music.

483.6 Meters KGW Atwater 2121 620 Kcys. 1000 Watts Morning Oregonian, Portland, Ore. 7 A.M. to 12—Various Programs
12 noon—F. A. Cook News Flashes
12:15—NBC, Farm and Home Hour
12:45—O. M. Plummer
1—General Mills program
1:15—Parker Dental Clinic
1:30—Oxydol's Own Ma Perkins
1:45—NBC/CO-1:45-NBC-KGO Programs to 3 1:45—NBC-KGO Programs to 3
— Krazy Limericks
3:05—Waldorf-Astoria Orchestra
3:15—As 1f by Magic
3:20—Friendly Chat
3:45—NBC-KGO programs
4:30—Studio; Bar-X Kids 4.30—Studio; Bar-A Rios
5—NBC Melody Mixers
5:15—Collins & Erwin
5:30—NBC-KGO Programs to 10:15
10:15—Memory Singer
10:20 to 12 mid.—Dance Music

333.1 Meters KHJ VAndike 7111 900 Kcys. Don Lee Broadcast, System, L. A., Cal. 7 A.M. to 5—Various Programs 5 P.M.—Western Clock; Organ 5:15—H-Bar-O Rangers 5:30—CBS, March of Time 6—CBS, Philadelphia Orchestra 6:15—CBS, Alexander Woolcott 6:30—CBS, Out of the Powder Box 7—CBS, Olsen and Johnson 7:30—Isle of Romance 7:45—CBS, Myrt and Marge 8—Mary Eastman with Orchestra 8:15—S & W Mellow'd Melodies 8:30—CBS, Edwin C. Hill 8:45—Borden Friday Frolic 9—Tapestries of Life 9—Tapestries of Life 9:15—To be announced 9:30—Catherine the Great 10—News Items
10:10—Dance Music
12 to 1 P.M.—Recordings

225.4 Meters KGB Franklin 6151 1330 Kcys. KGB Franklin 6151 1000 Watts Don Lee Broadcas. System, S. D., Cal. 7 A.M. to 5—Various programs 5 P.M.—Town Topics; Records 5:15—H Bar O Rangers 5:30—CBS programs to 7:30 5:30—CBS programs to 7:30
7:30—To be announced
7:45—CBS, Myrt and Marge
8—CBS, Vocalist and Orchestra
8:15—Recordings
8:30—CBS, Edwin C Hill
8:45—CBS, Friday Frolic
9:15—Don Redman's Orchestra
9:30—'Catherine the Great' 10—World-wide News 10:10—Dance Orchestra 12 to 1 A.M.—Recordings

309.1 Meters KJR Seneca 1515 5000 Watts 970 Kcys. Northwest Broad. System, Seattle, Wn. 7:30 A.M. to 5—Various programs 5 P.M.—NBC, Melody Mixers 5:30—Recorded programs 6—Dinner Dansant 6:30—Wash, High School Reporter 6:45—Musical Favorites 7:15—Tarzan 7:30—Vindabonians 8-Latin American Nights 8:30-Dollars and Cents 8:45-Frank Watanabe & Archie -Muted Strings 9:15—Hotel Bismarck Orchestra 9:30—Song Recital; Orchestra 10—Jules Buffano's Orchestra 10:30—Northern Lights 11—NBC, Ambassador Hotel Orch. 11:30 to 12 mid.—Recorded program

325.9 Meters KOMO Elliott 5890 920 Kcys. KOMO Watts Fisher's Blend Station, Inc., Seattle 7 A.M to 1 P.M.—Various Progs.
1—NBC-KGO Programs
1:45—Silhouettes
2—NBC. Al Pearce and his Gang
3—Proctor's Betty 3:15—Cowboy Joe 3:30—Day Dreams 3:45—Easy Chair 4—NBC-KGO programs to 5 5—Happiness Program 5—Happiness Program
5:15—Male Quartet
5:30—NBC-KGO Programs to 7:30
7:30—One Man's Family: Drama
8—NBC, Amos 'n' Andy
8:15—NBC, Gilmore Circus
9:15—'Souvenirs''
9:45—Old Song Contest
10—NBC, Richfield News Flashes
10:15 to 12 mid—Dance Music 10:15 to 12 mid.-Dance Music

KFI Richm'd 6111 468.5 Meters 640 Kcys. 50,000 Watts Don Lee Broadcast. System, L.A., Cal. Earle C. Anthony, Inc., Los Angeles 7 A.M.-Exercises; News; Stocks 7.4.M.—Exercises; News; Stocks
7.4.5—Church Quarter-Hour
8—NBC, Music Association Hour
9—Helpful Hints to Housewives
9:15—NBC-KGO programs to 10
10—Melisse's Chat
10:15—Health Talk
10:30—NBC-KGO programs to 11:45
11:45—Market Reports; Agric. Talk
12:15 P.M.—NBC-KGO prog. to 1:15
1:15—Food for Thought
1:30—NBC, Oxydol's Ma Perkins
1:45—Dixle Aces
2—NBC-KGO programs to 3:15
3:15—Ann Warner Chats
3:45—Educational Speech
4—Organ Recital 7:45-Church Quarter-Hour 4-Organ Recital 4:30—The Poet's Corner 4:45—News Release 5—Your Pal Jimmie 5:15—NBC-KGO programs to 9:15 9:15—Golf Highlights 9:30 to 12 mid.-NBC-KGO prog. 285.5 Meters KNX Hemp. 325,000 Watts

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Western Droadcast. Co., Los Angere 6:45 A.M. to 5—Various Programs 5 P.M.—Storytown Express 5:15—College Daze and Knighta 5:35—Noble Sisters Trio 5:45—Quartet; News 6:15—Barmani's Concert Ensemble 6:20—King Cowley 6:15—Barmani's Concert Ensemble
6:30—King Cowboy
6:45—Bill, Mac and Jimmy
7—Frank and Archie
7:15—Black and Blue
7:30—Red Davis Adventures
7:45—Lawrence King, tenor
8—Optimistic Donut Revue
9—News
9:15—To be announced
9:45—Boxing Matches
10:45 to 11 P.M.—Pontrelli's Orch.

Western Broadcast, Co., Los Angeles

296.6 Meters KQW Ballard 777 500 Watts Pac. Agric. Foundation, Ltd., San Jose 7 A.M. to 6—Various programs 6 P.M.—Dept. of Agriculture 6:15—Franco's program 6:30—State Market Reports 6:45—Farmers' Exchange 7—U. S. Weather Forecast 7:03—Radio News and Forum 7:15—Dr. Anderson's Talk 7:30—Honolulu Beach Boys 7:45—Cecil and Sally 8—San Jose Accordion Club 8:30—To be announced 9—Eb and Zeb 9:15—Fireside program 9:30—Kimo's Hawaiian Serenaders 10 P.M.—Examiner Drama

319 Meters 9 Meters KOIN Atwater 3333 0 Kcys. The Journal, Portland, Oregon 940 Kcys. The Journal, Portland, Oregon
6:30 A.M. to 6:15—Various programs
6:13 P.M.—CBS program
6:30—Bells of Harmony
6:45—CBS Feature
7—CBS, Olsen and Johnson
7:30—Black and Blue
7:45—CBS, Myrt and Marge
8—Orchestra and Soprano
8:15—To be announced
8:30—CBS, Edwin C. Hill
8:45—Jack Cody's Varieties
9—Eb and Zeb
9:15—Griff Williams' Orchestra
9:30—Journal's "Navy Show"
10 to 12 mid.—Dance Music

SATURDAY Programs

379.5 Mtrs. NBC-KGO Sutter 1920 440.9 Meters KPO 7500 Watts 680 Kcys. KPO National Broadcast. Co., San Francisco 7 A.M.-Skip, Step, and Happiana 7:15—Morning Parade 7:30—Financial Service 7:30—Financial Service 7:45—Organ Recital 8:15—The Vass Family: vocalists 8:30—Down Lover's Lane 9—Twenty-fourth Anniversary of 9—Twenty-fourth Anniversary or Boy Scouts 9:30—American Farm Bureau 10:30—Magazine of the Air 10:55—Metropolitan Opera Broad-cast; Milton Cross, announcer; John B. Kennedy, commentator - Plait and Niarman nanists 2—Platt and Nierman, planists 2:15—Neil Sisters 2:30—Babes in Hollywood 2:45-Soloist 3:30—Normal State and Gang
3:30—Twenty Fingers of Harmony
3:45—Jack Denny's Orchestra
4:15—Tom Coakley's Orchestra 4:13—Tom Coakley's Orchestre 4:30—Organ Concert 4:45—Nanette La Salle, vocalist 5—Stringwood Ensemble 5:30—Billy Batchelor 5:45—Little Orphan Annie 5:45—Little Orphan Annie
6—Melody Mixers
7—Saturday Night Dancing Party
8—National Barn Dance
8:30—Nathan Abas, violinist
9—Hollywood on the Air
9:30—Mark Hopkins Orchestra
10—Charles Hart Orchestra
10:30—Club Villa Orchestra
11—Tom Coakley's Orchestra

340.7 Meters KLX Lake. 6000 1000 Watts 880 Kcys. Tribune Pub. Co., Oakland, Calif. 8 A.M. to 12—Records; Stocks; Mu-sic; News 12 noon—Bill Duncan's Band 1—Jean's Hi-Lights; 2. Records 2:45—Jean Ardath, pianist 3—Recordings; News 4:15—Brother Boh's Club 4:45—Recorded program 5-Helen Parmelee, pianist 5:30—Covered Wagon Jubilee 6—Hotel Oakland Trio 7—News Items 7:30—Ann Wakefield, soprano; Merlyn Morse, tenor; Thelma Olin, pianist 7:50—Basketball, Stanf. v. U.C.L.A. 9:15—Musical Soiree

11—Tom Coakley's Orchestra 11:30 to 12 midnight—Slumber Hour

322.4 Meters KROW Glenc. 6774 930 Kcys. KROW Watts Educa. Broad. Corp., Oakland, Calif. 7 A.M. to 5:30—Various Programs 5:30 P.M.—Eat Your Wav to Health 6—News: 6:15, Walk-a-thon 6:30-Fox Orpheum program 6:45-Organ Echoes 6:45—Organ Ecnoes
7—C W. Hammond
7:15—The Ne'er Do Well
7:45—Pete King, Tenor
8-Portuguese Program
8:30—Italian Program
8:30—Utalian Program 9:30—Cumberland Hillbillies 10—Dance Music; Walkathon

10—Bob Kinney's Band 11 to 12 mld —Dance Program

280.2 Meters KJBS Ord. 4148-49 1070 Kcys. 100 Watts
J. Brunton & Sons, San Francisco
7 A.M. to 5:45—Records; News
5:45 P.M.—Silent period 12:01 to 8 A.M.-Owl program

Sutter 1920 50,000 Watts National Broadcast. Co., San Francisco 7:30 A.M.-Morning Parade 7:30 A.M.—Morning Farade

—Pappy, Ezra, Zeke and Elton

8:15—Log o' the Day Crosscuts

9:15—Arion Trio

9:45—News: 10. Organ Concert

10:15—Agricultural Bulletin

10:30—Vic and Sade 10:45-Merrie Men 10:55-Metropolitan Opera Series 2:15—Organ Concert 2:30—Western Agriculture 3:30-Stringwood Ensemble 4:15—Religion in the News 4:30—Arion Trio 4:45—News Flashes 5:20—Boston Symphony Orchestra 7—Education at Crossroads 7:15--Clef Dwellers 7:30-Bal Tabarin Orchestra 8—Happy Tunes 8:30—The Music Counter 9—Piano Pals 9:30-Carefree Carnival 10:30-Blue Moonlight -Ambassador Hotel Orchestra 11:30 to 12 Mid -Organ Concert

243.8 Meters KYA Prospect 3456 1230 Kcys. 1000 Watts Pac. Broadcast. Corp., San Francisco 7:30 A.M. to 12-Various programs 12 noon—Scriptures 12:03—The Blenders 12:30—Organ Recital Afternoon Concert 1:30-Hawaiian Entertainers 2-Rhythmic Ripples 2-Rhythinto Telephol 2:30—Piano Sketches 2:45—Organ Matinee 3:45—Artist Celebrities 4—Symphony Highlights -Sunset Crier 5:45—Campbell Digest 6-San Francisco Forum 6:15—Waltz Idylls 7—G. Donald Gray, Virginia Miller 7:30-Broadway Reflections –John Wolohan's Orchestra -Argentinians 9:30—Dance Rhythms 10—Organ Serenade 11 to 12 Mid.-Concert Memories

535.4 Meters KTAB Garfield 4700 1000 Watts Assoc. Broadcasters. Oakland, Calif. A.M. to 1-Various Programs 1 P.M.—Dance Music; Studio prog. 2—Ye Old Town Crier 3-Oklahoma Ramblers 3:30-Studio Program 4—Young Peoples Program 4:30—The Old Bachelor 4:45-Studio program -Post Enquirer Funnies 5:15-Si and Elmer 5:30-Travelogue Organist and Baritone 6:30—Columbia News Page 6:45—Sport Page 7:15—Italian News Broadcast 7:30—Julie Foster and Elbert La Chelle 7:45-Studio Program 8-Home Favorites 8:30-Studio Program 9—Souvenris 9:30 Por Herrold 9:45—Herb Stanton, News Flashes 10 to 11:30 P.M .- Dance Music

491.5 Meters KFRC Prospect 0100 610 Kcys. KFRC 1000 Watts Don Lee Broadcast. System, S. F., Cal. A.M.-Records; Stocks 7 A.M.—Records; Stocks
7:30—Early Morning Exercises
8—CBS, Young People's Concert
9—CBS, Pres. Roosevelt's Message
to Boy Scouts of America
9:30—O'Connor Moffatt Talk
9:35—CBS, Enoch Light's Orch.
10—Junior Artist program
11—Prudence Penny
11:15—CBS, Artist Recital
11:30—CBS, Dancing Echoes
12 noon—Noonday Concert
1—CBS, Saturday Syncopators
1:30—N, Y. Stock Quotations 1:30—N. Y. Stock Quotations 1:35—CBS, Mischa Raginsky Ens. 2-CBS, Pancho & Orchestra 2:30-Church announcements 2:35—Recordings 2:45—CBS, Spanish Serenade 3—CBS, Meet the Artist 3:15—CBS, Mildred Bailey 3:30-To be announced 3:45-CBS, Angelo Tango Orch. 4-CBS, Elder Michaux 4:30-CBS, American Mixed Quartet 4:45—CBS, American Mixed Quarte 4:55—CBS, Isham Jones Orchestra 4:55—Town Topics 5:15—To be announced 5:45—CBS, Trade & Mark 5/30—UBS, 17aur & Main 6-UBS, Philadelphia Orchestra 6:15—To be announced 6:30—UBS, Stoopnagle & Budd 7—Broadcast from Byrd Expedition 7:30—CBS, Columbia News Service 7:45—CBS, Leaders in Action 8—CBS, Guy Lombardo 8:30—Ted Fio Rito's Orchestra 9—Hermie King's Orchestra 9:30—Abe Lyman Orchestra
10—News Editor of the Air
10:10—Ted Fio Rito's Orchestra
10:30—Bill Fleck Orchestra 11-To be announced 11:30 to 12 mid.-Dance Orchestra

296.6 Meters KQW Ballard 777 1010 Kcvs. 500 Watts Pac. Agric. Foundation, Ltd., San Jose 7 A.M. to 6-Various programs 6 P.M .- Musical program 6:15-Franco's program 6:30—Band concert 6:45—Farmers' Exchange 7-Weather Forecast 7:03—Radio News and Forum 7:05—Twenty-Five Minutes in Paris 7:30-Soul of Portugal -Music Lover's Half-Hour 8:30-Spanish Melodies 8:45 to 10 P.M .- Italian program

225.4 Meters KGB Franklin 6151 1330 Kcys. Don Lee Broadcas. System, S. D., Cal. 7 A.M. to 5-Various programs 5 P.M.-Town Topics; Records 5 P.M.—Town Topics; Records
5:15—To be announced
5:45—CBS, Trade & Mark
6—CBS, Philadelphia Orchestra
6:15—To be announced
6:30—CBS, Col. Stoopnagle & Budd
7—CBS, Byrd Expedition 7:30-Tarzan of the Apes 7:45—CBS program -Dance music 10—World-wide News
10:10—Dance Music
12 to 1 A.M.—Recordings

325.9 Meters KOMO Elliott 5890 1000 Watts 640 Kcys. Fisher's Blend Station, Inc., Seattle 7 A.M. to 10:55—Various Progrs. 10:55—Metropolitan Opera Broadcast 2—NBC, Platt & Nierman, pianists 2:15—NBC, Neil Sisters 2:30—Babes in Hollywood 468.5 Meters 640 Kcys. Earle C. Anti 7 A.M.—Exer 7:45—Church 8—Jean Georg 1:5—NBC, Neil Sisters 2:30—Babes in Hollywood 0000 Copera Huss

2-HSC, Fillag & Merman, plants 2-115-NBC, Nell Sisters 2:30-Babes in Hollywood 2:45-NBC Soloist 3-NBC, Al Pearce's Gang 3:30-Twenty Fingers of Harmony 3:45-Jack Denny's Orchestra 4:15-Religion in the News 4:30-Organ Recital 5-Concert Ensemble 5:30-NBC, Billy Batchelor 5:45-NBC, Little Orphan Annie 6-Dinner Dansant 7-NBC, Dancing Party 8-NBC, National Barn Dance 8:30-Fisher's Blend Half Hour 9-30 Minutes of Music 9:30-Concert Trio 10-Merrie Maniacs 10:30-Blue Moonlight 11-Jules Buffano Orchestra 11:30 to 12 mid.—Slumber Hour

285.5 Meters KNX Hemp. 4101
1050 Kcys.

Western Broadcast. Co., Los Angeles
6:45 A M. to 5—Various programs
5 P.M.—Organ Recital
5:15—Dr. John Matthews
5:45—Rance Valentine and Group
6:30—King Cowboy
6:30—King Cowboy
6:45—Chandu the Magician
7—Frank and Archie
7:15—'The Phantom Choir''
7:30—Elvia Allman and Band
7:45—Lawrence King and Band
8—Frost Warnings
8:05—Jack Carter's "Varieties"
9—News Service
9:15—Drama
10 to 11 P.M.—Pontrelli's Orchestra

333.1 Meters KHJ VAndike 7111 1000 Watts

Don Lee Broadcast. System, L. A., Cal. 7 A.M.—News Briefs and Records 8—N. Y. Philharmonic Children's 9—CBS, Pres. Roosevelt's Message to the Boy Scouts of America 9:30—CBS, Enoch Light and Orch. 10—CBS, Savitt String Quartette 10:30—Harold Knights Orch. 11—Artist Recital 11:30—CBS, Dancing Echoes 12 noon—CBS, Round Towners 12:30—CBS, Ann Leaf, organist 1—CBS, Saturday Syncopators 1:33—Dow Jones Reports 1:33—CBS, Edison Ensemble 2—CBS, Pancho and Orchestra 2:30—Ruth Royale 2:45—CBS, Spanish Serenade 3—CBS, Meet the Artist 3:15—CBS, Mildred Bailey 3:30—CBS, H. V. Kaltenborn 3:45—KBS, Elder Michaux Congrega. 4:30—CBS, Art Kahn Orchestra 4:45—CBS, Tito Guizar 5—To be announced 5:45—CBS, Smith Brothers program 6—CBS, Philadelphia Orchestra 6:15—CBS, Philadelphia Orchestra 6:15—CBS, Pontiac Program 6—CBS, Byrd Expedition 7:30—Three Rhythm Kings 7:45—CBS, Leaders in Action

8—CBS Orchestras
10—News Items
10:10—Dance Music
12 to 1 A.M.—Recordings

468.5 Meters KFI Richm'd 6111 50,000 Watts Earle C. Anthony, Inc., Los Angeles 7 A.M.—Exercises; News; Stocks 7:45—Church Quarter-Hour 8—Jean George, Pianist 8:15—NBC-KGO programs to 11:30 611:30—Opera from Metropolitan Opera House, N. Y. 2 P.M.—NBC-KGO programs to 2:30 8:230—U.S.C. Lecture Series 2:45—NBC-KGO programs to 5.5—Rev. Charles E. Fuller 5:30—NBC-KGO programs to 6 6—Organ; Orchestra 6:45—Singing Service Men 7—NBC-KGO programs to 8:30 9:30—Concert Orchestra 9—To be announced 9,30 to 12 mid.—NBC programs

508.2 Meters KHQ Main 5383
590 Kcys. Louis Wasmer, Inc., Spokane, Wash.
7 A.M. to 12—Various programs
12 noon—Metropolitan Opera
2:15—Neil Sisters, vocalists
2:30—Babes in Hollywood
2:45—Club Bulletin
3.—NEC, Al Pearce and Gang
3:30—Studio programs
4:15—NBC, Religion in the News
4:30—Musical program
5:30—MBC-KGO programs to 6:30.
6:30—Crazy Wells
6:45—Spokane Brewing Co.
7—NBC-KGO programs to 8:30
8:30—Black and Blue
8:45—Old Time Party
9:15—Frank and Archie
10—Davenport Hotel Orchestra
10:30—Radio Specials
11 to 12 mid.—Dance music

309.1 Meters KJR Seneca 1515
570 Kcys. MJR Seneca 1515
5000 Watts
Northwest Broad. System. Seattle. Wn.
7:30 A.M. to 5—Various programs
5 P.M.—New Deal Economics
5:30—Recorded programs
6—Boston Symphony Orchestra
7—Wash. High School Reporter
7:15—Rocky Mountaineers
7:45—Vindabonians
8:15—NBC, Happy Tunes
8:30—Glen and Ruby, Vocal
8:45—Frank Watanabe & Archie
9—NBC, Carefree Carnival Hour
10—Jules Buffano's Orchestra
10:30—Musical Etchings
11—NBC, Hotel Ambassador Orch.
1:30 to 12 mid.—Records

236.1 Meters KOL Main 2312
1270 Kcys.

Seattle Broadcast. Co., Seattle, Wash.
6:45 A.M. to 1:45 —Various Progs.
1:45—CBS, Edison Ensemble
2—CBS, Pancho and Orchestra
2:30—Studio program
2:45—CBS programs to 5:10
5:10—Amer. Cracker Program
5:30—Don Lee Feature
5:45—CBS, Smith Bros.
6—Philadelphia Symphony
6:15—CBS, Col. Stoopnagle & Budd
6:30—Don Lee Feature
6:45—Rocket Gasoline program
7—"Byrd Antarctic Expedition"
7:30—Radio Speaker Stevenson
8—Guy Lombardo's Canadians
8:30—Ted Fio-Rito Orchestra
9—Globe Trotter
9:15—CBS, Glen Gray and Orch.
9:30—Globe Trotter
9:45—Democratic Educ. Feature
10 to 12 mid.—Dance Music

526 Meters
570 Kcys.

KVI Broadway 4211
1000 Watts
Puget Sound Broadcast. Co., Tacoma
6 P.M.—Philadelphia Symphony Or.
6:15—To be announced
6:30—CBS, Stoopnagle and Budd
7—Byrd Antarctic Expedition
7:30—Columbia News Service
8—CBS, Guy Lombardo's Canadians
8:30 to 12 mid.—Dance music

483.6 Meters KGW Atwater 2121 620 Kcys.

Morning Oregonian, Portland, Ore.
7 A.M. to 10:55—Various Programs 10:55—Metro. Opera Broadcast 2—NBC Programs 3—Al Pearce and Gang 3:45—'As If by Magic'' 3:50—Friendly Chat 4:15—NBC program to 5—Orchestra; 5:15 Collins & Erwin 5:30—NBC-KGO Programs to 8:30—Fisher's Blend Half Hour 9—Studio program 9:30—NBC, Carefree Carnival 10:30—Dance Music 11:30 to 12 mid.—NBC, Slumber Hr.

499.7 Meters KFSD Franklin 6353
600 Kcys.
Airfan Radio Corp., Ltd., San Diego
7:30 A.M. to 6—Various programs
6 P.M.—NBC, Boston Symphony
7—Orphans Adrift
7:15—Feature program
8:15—NBC, Happy Tunes
8:30—NBC, Hollywood on the Air
9—NBC, Carefree Carnival
10—NBC, Club Villa Orchestra
10:30—NBC, Blue Moonlight
11 to 12 mid—NBC-KGO program

319 Meters KOIN Atwater 3333
940 Kcys. The Journal, Portland, Oregon
6:30 A.M. to 6—Various programs
6 P.M.—CBS, Philadelphia Orchestra
6:15—To be announced
6:30—CBS, Stoopnagle and Budd
7—Byrd Antarctic Expedition
7:30—Tarzan of the Apes
7:45—CBS, Leaders in Action
8—Bells of Harmony
8:15 to 12 mid.—Dance Music





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