FOR WEEK OF December

OADCASI 10th to 16th FERM



Better known to the radio audience as "Marjorie better known to the radio auxience as "Marjorie Marge" skit, heard five Minter" of the "Myrt & Marge" skit, heard five Minter, of the week over the Columbia-Don Lee nights a week over the Court

PACIFIC COAST LEADING BADIO GUIDE OF THE

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Pullman Rates Reduced 1/3

and

Rail Fares for 2° A MILE and less

WHAT HAPPENED DEC. 1

- 1. Pullman rates reduced to all points in the United States.
- 2. Southern Pacific "2¢ a mile" Tourist fares continued with a few changes.
- 3. One way Coach and Tourist fares to the East reduced.
- Standard "All-year" roundtrips to the East greatly reduced.
- Standard one way fares cut one-sixth, everywhere in the West.

- *** *** -----

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LEO BATTEL, Violinist
ROSE MANNING, Pianist

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ETHER GLEANINGS

By J. CLARENCE MYERS

HANKS, folks, Thanks! Wish we could get Bing Crosby to sing for us our appreciation to you for your s-p-l-e-n-d-i-d response to our limerick contest announced in last week's issue. Were we surprised!

It's going to be easy money to the winner. One simoleon iron man, eagle, buck—or, in the King's English—one dollar, just for writing one line. That's the award Ether Gleanings is making each week this month for the best line tagged on to the bottom of our weekly radio limerick. The winner for last week's limerick will be announced in the

next issue, as will the runners-up.

Our congratulations, too. We didn't know there were so many fine limerick artists out there in the radio audience. We assumed a lot when we started this here contest. We've grown a handful of new gray hairs trying to decide the winner, so many were good. But to those who didn't click with the first one—try again, we say. Below is Limerick Number 2. Dig right in, gang, you'll get many times more than a dollar's worth of fun out of it, even if you don't win the buck.

Number 2

Meredith Willson's fine crop of hair Seldom does fall beneath a barber chair. He wears it long So he can belong

There it is. Write the last line for it and mail it right now to Ether Gleanings, Broadcast Weekly, 36 Powell Street, San Francisco. 'Member, one buck to the writer of the best line.

What a clamor to see that Shell Show at Don Lee's KFRC in San Francisco! The sponsor has issued complimentary tickets to all who request them, and thus far there is a waiting list of several thousand, with the space in the studio being booked up until next April.

Rita Lane, the NBC songstress, sang in several of the operas produced by the San Francisco Opera Association during the season just closed. She sang under the name of Myrtle McLaughlin.

Acme Beer's "swelligant" program, "Stars of the West," has moved bag and baggage to a Wednesday night spot on the NBC chain. It may be dialed from 9 to 9:30 o'clock,

"Stars of the West" limelights Meredith

Willson and his orchestra; Tommy Harris, Helen Musselman, and the Acme Male Quartet.

Folgers Coffee have cancelled their NBC programs, which means that Lee S. Roberts' final program for them will be broadcast on the evening of December 20 over KGO. His final morning program was December 8.

One feature we regretted seeing go off the air was those "Do You Believe in Ghosts?" yarns so excellently written and staged by Harold Burdick for S & W on the NBC. Understand Burdick is working on something new for S & W, and they may renew his radio contract by the first of the year.

Most of the KFRC staff had to eat their Thanksgiving turkey dinner on the run, including Manager Harrison Holliway. For Thursday is Blue Monday Jamboree day now, and that means long hours of rchearsal before the program goes on the air at night. Such is the life of a microphone star.

A glutton for work is John Eugene Hasty radio playwright and production manager of MacGregor and Sollie's recording laboratories in San Francisco. Hasty is now producing eighteen programs for transcriptions to be used on radio stations throughout the country, as well as writing six different programs weekly. One of his most popular hits is "Eb and Zeb," which has been running now for several years. Al Pearce and William H. Wright are the principals.

Senator Fishface of the NBC convulsed 'em when he appeared in person at the Warfield Theater in San Francisco last week.

The Langendorf people drop their feature, Langendorf Pictorial, conducted by Rush Hughes, on December 29. It has been an event of KGO for many months, and was widely followed. Hughes' personality at the mike will be missed. Here's hopin' he cinches another sponsor by New Year's.

Emil Polak, vocal counsel and orchestra conductor at the NBC, is back at work, following a week's illness.

The manufacturers of the Pontiac automobile have purchased time on the CBS chain for a twice weekly program beginning December 16. It will be released over KFRC

here from 9:15 to 9:30 p. m., Wednesdays and Saturdays. The nature of the broadcasts have not been announced.

New material on the Big Ten program, a KPO event Thursdays at 9:30 p.m., includes the Clef Dwellers, vocal trio; Nanette La Salle and Tommy Harris. Meredith Willson's orchestra remains too.

Camel cigarettes started its new program over CBS November 28. KFRC is local outlet.

No-Doz is sponsoring a nightly dramatized news program on KTAB which lime-lghts Harold Peary.

Aunt Sammy, KQW's household expert, whose informative chats are winged out every morning except Sunday at 10 o'clock, is Eva P. Hart in real life, production manager of the San Jose broadcaster.

KYA announces that it is releasing three new NBC programs which are:

Father Finn's Choral Group—Mondays at

5:45 p. m.

Muriel Pollock and Vee Lawnhurst, piano team, Fridays at 3:45 o'clock and Echoes of Erin, Thursdays at 2:45 p. m.

Etta Moten, NBC's dusky torch singer, who is a recent addition to the artist staff, had a featured vocal part in the "Gold Diggers of 1933" and other RKO sound films.

Esther Coombs, who won a national audition contest for amateur singers several years ago, ex-NBC, is now vocalizing before KFRC's mikes.

Captain Argus (Gustave Severin) has changed the time of his KYA chats to 8:30 p. m. It was formerly 9:30 p. m.

Those three of a kind Pickens Sisters, Georgia sweethearts, departed from San Francisco recently, with regret. They enjoyed a very successful run at the Warfield Theater, movie palace, and also the participation on a half-dozen or so programs at the NBC San Francisco studios. They are headed East, but looking forward to their return here.

Walter Krausgrill is back on the air. He was one of the first to broadcast way back when the transmission of music over the air was a novelty and we listened with earphones on our head through a little crystal set. He's directing the Hotel Whitcomb orchestra, which is broadcasting Saturday nights over KYA from 9:15 to 10 o'clock.

One of the results of Program Manager Frost's scouting trip to Southern California is being heard on the NBC lanes now—The Clef Dwellers, vocal group. They worked ten weeks with Ted Lewis and his band, put in considerable time singing on the M-G-M lot in Hollywood, and have made numerous transcriptions for radio broadcasts. You can dial 'em Fridays from 7:05 to 7:15 p. m. on KPO and on various other programs. The personnel of the group: Earl Frederick, baritone, manager; Wayne Frederick, second tenor; Victor LaBat, first tenor; and Gene Close, arranger and accompanist.



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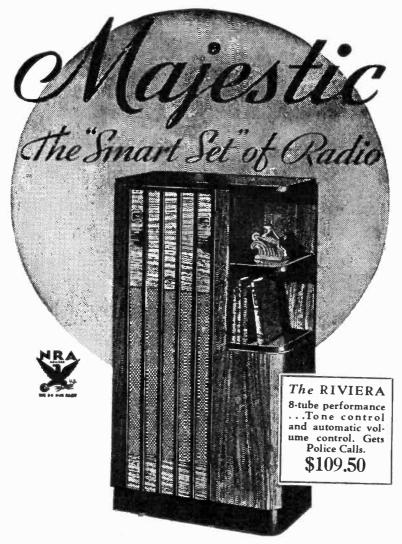


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MICROPHON GOSSIP

• • Members of KHJ's KNX. These records were ing the romance between staff have been falling right sent to KNX and listened to Mabel Todd and Morey Dan Cupid. The mischievous little fat fellow has felled the following people in his furious onslaught, the diminutive Sylvia Picker who up and married Grant Garrett, Eddie Cantor's gag man; Frank Gill, Jr., who promised "forever and ever" to beauteous Verna Hillie of the Paramount Studio; Bertha Gerstaner who nodded acquiescence to "Red" Wild.

So much for those already hinged by marital ties. The w.k. gossiping birdie whispers that Bill Doemling is headed lickety-split for luncheon dates with lovely Mary Kornman, film actress who recently returned from New York. Bill Goodwin, whose soft voice is heard over "Catherine the Great," is "that way" about Paula Winslow, big - eyed beauty of the "Catherine" cast. Clarence Hamilton, new addition to KHJ's announcing brethren, strains at the microphone because a fairhaired young lady awaits his every syllable in Sacramento.

- • Paul Martin. NBC star whose unique style of playing the guitar lends a touch of magic to the harmonies heard on his Wednesday and Friday evening programs over KPO, is the proud father of a brand new daughter, born Thursday, November 23, and named Joan immediately. Her older sister, Gloria, is waiting anxiously for Joan and her mother to come home.
- • KNX, Hollywood's 25,000 watt station, continues to shatter long-distance reception records. Recently three for a free week-end that's all phonograph records were that's holding up our marriage the news-reporting star. They made in England from a di-now!" So says Mabel Todd range through all conceivable rect broadcast heard over in the latest bulletin regard-types of men, women, and

and left under the darts of by the entire staff. Now comes Amsterdam. a letter from John S. Bohm, Gronland 105, Malung, Sweden, telling of his reception of KNX from 4:49 a. m. until 5:53 a. m., the morning of November 3. The corresponding time on the Pacific slope would be nine hours earlier, or from 7:49 p. m. 'til 8:53 p. m., the evening of November 2.

Enclosed with Bohm's letter was a "Coupon-Reponse International" for 40 Ore (approximately 12 cents), which takes the place of a postage stamp.

Kenneth G. Ormiston, chief engineer for KNX, traced the plot of the Great Circle, showing the way in which the KNX signal reached Sweden. The signal travelled over the widest possible portion of North America, from Los Angeles to Labrador in a straight line, from thence over the North Atlantic into Sweden.

• • That "Vive Noeh!" which Carl Ravazza of Tom Coakley's orchestra sang not long ago during the orchestra's nightly broadcast from the Palace Hotel Rose Bowl room, is an old Italian drinking song, which has never been recorded on paper. Carl's grandmother taught it to him along with a number of other folk songs which have been handed down from one generation to another.

According to the "Noeh" (as spelled in Italian) was not only the hero of the Deluge, but the inventor of wine and the first real "wet."

• • • "We're just waiting

- when he heard the "March of Time" on the air for the first time in his life, although he has just begun his fourth season as the program's musical director. Reason: his doctor ordered a rest. Result: Barlow attended the rehearsal: instructed his concert master, Victor Bey, on how to wield the baton as "Time Marched On," and then marched home to catch it on the receiving end.
- • If Don Bestor, band leader, had followed his earliest musical bent he would have been a pipe organ player instead of an orchestra director. At the age of nine he was adept enough at the keyboard to win the praise of his music teacher. But at 16 he ran away from home to become orchestra director for a traveling musical show.
- Several firms are dickering with Tony Romano, Al Pearce singer and guitarist, to make recordings for them.

Tony, who is eighteen years old, is both the oldest and youngest member of Al's Gang. Oldest in point of continuous associations with Al and youngest in point of years.

Tony's ambition is to be the best guitar player in the world.

 Rush Hughes, NBC's Pictorial reporter heard weekday afternoons at three o'clock, has an album filled with pictures of listeners, who frequently send autographed likenesses of themselves with a request for a photograph of

scribe snapshots "To my pal Rush" and elderly folk.

One of the youngest fans whose picture is included is a tiny girl of three, photographed beside her big St. Bernard; one of the most interesting is a 72-year-old listener who lives on a California ranch far from city comforts. She stands beside a big spinning wheel of elementary type upon which she is busily engaged.

"Just to show you some folks know how to meet the depression," her letter says,

gallantly.

A thousand requests for Hughes' photograph arrived in one mail from Southern California.

- • Rene Hemery, who conducts the KFWB concert orchestra, owns a small sailing brig. His off hours at KFWB are spent roaming the Isthmus between Wilmington and Catalina. Which accounts for his mighty ruddy complexion.
- The Rubinoff-Cantor air feud is on with redoubled vigor. Teddy Bergman, ex-pert dialectician, played the part of Rubinoff on Eddie's first program of the season.
- Al Jolson's retirement from the screen, which he announced November 19 in Hollywood, will not affect his radio broadcasting; which will be resumed early in January on the Kraft program, with Paul Whiteman and Deems Taylor. On the matter of picture work, Al said his current film production would be his last.

Signing of Paul Whiteman and Deems Taylor to con-tracts covering 1934, insures the continuance of the program as originally set up, with Jolson, Whiteman, and Taylor contributing variously to the entertainment.

children-pretty girls in bath- routine of the movie studios, ing suits, little boys who in- Jolson feels that radio offers the proper outlet for his talents.

- • Joe Penner, after receiving a number of letters from dialers wanting to know why he says "You nasty mind," rises to remark that the line is "You nasty man," and he is curious to know why the misunderstanding occurs.
- Edward J. Kay, prominent in music and film activities, joins the musical staff of KHJ, Los Angeles, as assistant to Raymond Paige, musical director. Long identified with silent and talking pictures, Mr. Kay comes to the Don Lee station with an impressive musical record, having acted as musical director for British Gaumont in England, during which time he directed scores for "Rome Express" and "After the Ball" in addition to thirty-six other pictures.

Kay, who replaces Gino Severi, now director for the Hoff Brau in San Francisco, will direct "Three Old Favorites" and "Forest Lawn" programs in addition to his duties as Paige's assistant.

Musical circles recall Kay's work as director for Pat Rooney for five years, musical director for Esther Ralston and Leatrice Joy, and others of the silent films. His most recent work in pictures, "Rain-bow Over Broadway," will have an early release.

• • Norman Nielsen, master of ceremonies for the "Happy Go Lucky" hour and "Peck's Bad Boy" of radio, celebrated his birthday Friday, November 17, at festivi-ties he will remember for a long time. All of the "Happy Go Lucky" comics ganged up on the genial Norman and despite an over-sized suit padded with pillows, they remem-Disinclined, after a busy ca-reer, to pursue the strenuous pats he will not soon forget. finally orchestrated in its more

- ● The Frank Gill-Verna Hillie nuptials, Saturday, November 18, were almost disrupted when Bill Doemling, Gill's air associate and best man, had a memory lapse and went into their apology routine. It took the combined efforts of the wedding attendants to divert the comics from going into their regular "Merrymakers" routine,
- • The wages of sin are just ice cream and cake to members of the NBC Stringwood Ensemble!

Almost the greatest sin a radio artist can commit is to be late to rehearsal, but Charles Hart, conductor of the Ensemble, has discovered how to make it pay, by fixing a rate of fines for varying degrees of unpunctuality by the Stringwoodians. The penalties go something like this:

One to five minutes late-

ten cents.

Five to fifteen minutes late -twenty-five cents a minute over five.

Fifteen to thirty minutes late-two weeks' notice.

So far, none of the Stringwoodians has reached the five dollar mark, but even so, the dollars mount up, and once a month the whole organization enjoys a party at the expense of the late members.

- Nanette La Salle, NBC blues singer, has a manicure twice a week-you would too, if you owed as much to your patties as Nanette does. For many months they paid her room rent and singing lessons, for she was one of the most sought-after models for hand-closeups in Hollywood, and her fingers "doubled" for those of a number of stars whose own digits weren't so long and delicately shaped,
- • Fred Waring's smooth theme melody, "Sleep," had quite a metamorphosis. It began as a hymn, was con-

famous form by Waring him-1 self. Fred first heard a negro band blaring it back in 1919 at Penn State College, and was struck by its melody. He discovered that originally it was a hymn entitled "Visions of Sleep," written thirty years ago by Adam Giebel, a blind organist of Philadelphia. Giebel, who penned more than 1500 hymns and piano compositions, gave the original "Sleep" copy to Waring, who orchestrated the number and built it up to a popular hit in 1924. Since then, it has been the Pennsylvanians' identify-ing tune on radio, stage and screen. Giebel's original now hangs in a frame in Waring's office.

 Like those old brainteasers about a man being his own brother-in-law, we have been trying to discover Lulu (Big Show) McConnell's exact relationship to herself, but will have to give it up. Anyway, it seems that when Lulu who in turn recently transclowns on the Columbia net- ferred it to the NBC music titles the picture.

forming in character as Mrs. of the instrument used by the Grant Simpson, who, in private life, is Lulu McConnell. She does so in tribute to her actor-husband, Grant Simpson. In addition, he is portraved in the skits by one of his old actor friends, and all others heard in her cyclonic comedy scenes are old acquaintances. Each performs under his private-life name.

 An instrument rarity, a perfect copy of the harpsi-chord used by Johann Sebastian Bach in composing one of his most famous works, has been acquired by Frank Black, NBC music director. It is considered one of the finest harpsichords in the world and is the only one of its kind in this country.

The instrument was made twenty years ago by Paul de Wit for the University of Vienna. During the war it was sold to a Viennese musician

work she mimics herself, per- director. It is an exact copy famous harpsichordist, Goldberg, for whom Bach wrote one of his chief masterpieces, the Goldberg Variations.
Physically, this forerunner

of the pianoforte looks like a narrow, elongated grand piano, except that it has three keyboards, on each side of which are several stops similar to those on an old-fashioned organ. These give different tone effects and take the place of pedals. The color scheme of the keys is the opposite of that used today, five 'black" keys in each octave being white, and the "white" keys, black. The strings are plucked by a quill when the keys are struck.

 Hale, Derry and Hanna, the Three Cheers, just completed some work in the Columbia Picture "Let's Fall in Love," with Edmund Lowe and Miriam Hopkins. They sang the theme song which

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Ray Maxwell, Manager

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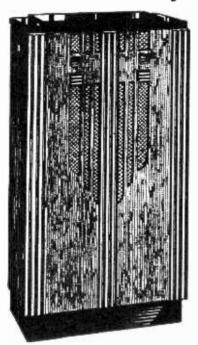
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LHOUETTES

WO girls with nimble | fingers blend their talent in "A Pair of Pianos," and comprise the only feminine twosome heard regularly from NBC's San Francisco studios.

Gertrude Lyne and Grace Frankel are the names of this unique team whose pianistic ability harmonizes so perfectly, but who, in person, form a complete contrast in appearance, tastes and temperament.

"That's why we get along so well," explains Gertrude Lyne.

She's the taller of the duo, a slim girl with tawny hair and hazel eves, who makes the the arrangements for Pair of Pianos' programs, and directs their ether activities. Grace Frankel is a few years younger and several inches shorter, dark-haired and darkeved.

"Forgotten Melody," the theme song which she and Gertrude use on their own programs, was written by the latter. It is only one of a number of songs which Gertrude has composed.

She was born in Leadville. Colorado, and began playing piano when she was so small a cushion had to be placed on the piano bench so she could reach the keys. She attended the New England Conservatory of Music, and was gradu-

twenty-one years old when she became an organist on the Paramount Theater circuit, playing in the theaters of every large city until she and Grace Frankel met and formed their present team.

Grace was born in San Francisco and educated here, She was just eight years old when she took her first piano lesson and at sixteen she first began playing professionally,



GERTRUDE LYNE and GRACE FRANKEL

in motion picture theaters. For several years she was with the West Coast Theaters in Los Angeles, where she played in various theaters.

Then a well-known music publishing firm in San Francisco annexed her services. It was at the period when the music business was at the ated with high honors in or- height of its prosperous era,

gan and piano. She was just and the diminutive pianist recalls the long days she spent at the keyboard in her company's rehearsal room. Vaudeville stars wanted new songs. frequently got them within a few short hours after the words and music had been fitted together. They usually tried to include them in their acts the same night, and it was Grace's job to teach these songsters the new melodies.

> First the music, then the words, was the sequence and Grace would sit at the piano for as long as four and five hours at a stretch, munching sandwiches between bars.

> "And I thought that was strenuous," she says. "Why I lost eight pounds the first week Gertrude and I began rehearsing together!"

> The two pianists rehearse now for several hours every day, whether they are to be on the air or not. Every number they play is especially arranged by Gertrude and timed to the last note. The girls have a firm friendship, but spend little time together outside their working hours they feel that in this manner they keep their working comradeship unspoiled by too much intimacy, don't talk each other out, and keep their keyboard twosome fresh and spontaneous in sound. Grace's favorite sport is horseback riding. Gertrude plays golf for recreation and contract bridge for mental exercise.



KENNETH NILES, KHJ announcer, producer and master of ceremonies, became associated with radio while a student at the University of Washington. The coonskin coat period was intermingled with Glee Club affairs, fraternities, dramatics and saxophones. He won a scholarship to the Goodman Memorial Theatre in Chicago; played in various Duffy productions; studied dancing; appeared as Juvenile in a touring "Rain" company; has held various positions as stage director. Age, twenty-six. Height, 5 feet 11; weight, 140; dark. Married.



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TS-2A7	Pentagrid Converter 2.20	TSV-199 Amplifier and Detector 2.25
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TS-5Z3	Full-Wave Rectifier 1.50	TS-200-A Super-Sensitive Detector 4.00
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TS-42	Power Pentode 1.60	TS-227 AC Amplifier and Detector
TS-43	DC Power Pentode 2.50	TS-230 Amplifier Detector 1.30
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TS-58	Triple Grid Super-Control Amplifier 1.65	TS-238 Power Amplifier Pentode 1.45
TS-59	Triple Grid Power Amplifier 2.00	TS-239 Super Control R. F. Pentode 1.50
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SUNDAY Programs ·

379.5 Mtrs. NBC-KGO Sutter 1920 790 Kcys.
National Broadcast. Co., San Francisco 8 A.M.—Chronicle Comics 8:30—Arion Trio 9:30—Organ Concert 10—Stringwood Ensemble 10:30—National Youth Conference 11—Gene Arnold's Commodores 11:30—Gene Arnold's Commodores 11:30—Yeast Foamers 1:30—Yeast Foamers 1:15—Wildroot Program 1:30—Hoover Sentinels Concert 2—National Vespers 2:30—Grand Hotel: drama 3—Catholic Hour 3:30—The Noveliers 3:45—Engineering Thrills: drama 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—To be announced 8:15—The Jergens Program 8:30—Death Valley Days: drama 9—To be asnounced 9:15—Readers' Guide: J. H. Jackson 9:30—Tom Gerun's Orchestra 10—Richfield News Flashes 10:15—Paul Carson, Organist 11 to 12 mid.—Tom Coakley's Orch.

440.9 Meters KPO 50,000 Watts
National Broadcast. Co., San Francisco
8 A.M.—Hall and Gruen, piano duo
8:15—Major Bowes' Family
9:15—Gordon String Quartet
9:30—Radio City Concert
10:30—Cecilians, vocalists
11—Bible Stories
12 noon—Music Garden
1—Melodians, dance orchestra
1:45—To be announced
4:30—Sax-o-Tunes
5—John and Ned, harmony duo
5:15—Music of Today and Yesterday
5:45—H. M. Hyde, talks on science
6—Gunnar Johansen, planist
6:30—Silhouettes: orchestra, vocal
7—Quartet Time
7:30—Rainbow Harmonies
8—Rudy Seiger's Orchestra
8:30—Minneapolis Symphony Orch.
9:30—Univ. of Calif. Program
10—Gene Quaw's Orchestra
10:30—On Wings of Music
11 to 12 mid.—Midnight Melodies

322.4 Meters KROW Glenc. 6774
930 Kcys. Glenc. 6774
1000 Watts
Bduca. Broad. Corp., Oakland, Calif.
§ A.M. to 12:30—Various programs
12:30 P M.—Johnny Bozic, accordion
12:45— Gwendolyn Van Emon, vocalist
1.30—Bible Questions and Answers
2—University of the Air
2:30—Soccer—Football
4:30—Warren Stenson, vocalist
4:45—Alice and Cathryn, vocalist
5-30—Juliet Powers, vocalist
5:45—The Chatterbox
6—Sally Snow, Hillnelly
6:15—Watch Tower Program
6:30—Musical Miniatures

7—Music and Speaker
7:30—Sunday Concert
8—Walk-a-thon
8:15—Olga Cook, vocalist
8:30—Cumberland Hillbillies
9—Watch Tower Japanese
9:30—International Serenaders
10—Dance Music
10:45 to 11 P.M.—Walkathon

243.8 Meters KYA Prospect 3456
1230 Kcys.

Pac. Broadcast. Corp., San Francisco
8:15 A.M.—Christ. Science Reading
8:30—Sabbath Reveries
9—'Fellowship of the Air''
9:15—Funny Paper Man
9:45—Tango Time
10—Planoforte Etudes
10:15—Village Boys
10:30—Three Four Melodies
10:45—Musical Strings
11—Old St. Mary's Church Services
12 noon—Pipe Organ Concert
12:30—Paraders; 1, Waltz Idylls
2—Light Opera Concert
2:30—Paraders; 1, Waltz Idylls
2—Light Opera Concert
3:30—Chamber Gro''
4:30—Symphony Concert
5:30—Violin Masters
6—Sacred Hour
7—Memory Music
7:30—Opera (Recordings)
9:30—"Beauty That Endures"
9:45—Hotel Montclair Orchestra
10 to 11 P.M.—Concert Melodies

535.4 Meters KTAB Garfield 4700 1000 Watts
Assoc. Broadcasters, Oakland, Calif.
8:30 A.M. to 1—Various Programs
1P.M.—Church of Latter Day Saints
1:30—Dillon Players
2—Calif. State Cham. of Commerce
2:15—Si and Elmer
2:30—Musical Moods: Ensemble
3:30—Book Review; Studio
4:30—Concert Recital
5—Organ Concert
6—Echoes of Portugal
7—Prof. Geo. Kruger, pianist
7:15—Amateur Sports News
7:30—Church Services
9:15—Rod Hendrickson
9:30—Chapel of the Chimes Organ
9:45—Studio Program
10—X Bar B Boys
10:30 to 11 P.M.—Hal Girvin's Orchestra.

340.7 Meters KLX Lake. 6000
880 Kcys. Co., Oakland, Calif.
12 noon—Records
12:30—Jeannette Stock, soprano; Merlyn Morse, tenor; Anita and Orosco, novelty guitar, duo
1:30—Records: Brahms Trio
3:30—Manila String Orchestra
4—Recordings
5—Covered Wagon Jubilee
5:30—Famous Campers
5:45—Old Man Soliloquy
6—Mixed Quartet
6:30—Hotel Oakland trio
7:30—Dot Kay and Nancy Hersey
7:45—Leaders in Sports
8—John Lewis Quintet
9—Nevada Nite Herders
9:30—William Don
9:45—Shella Sand and Joe Sanchez
10—Freddie Skinner
10:30 to 11 P.M.—Dance Program

491.5 Meters KFRC Prospect 0100 610 Kcys.

Don Lee Broadcast. System, S. F., Cal. 8 A.M.—Examiner Comics 8:30—Tabernacle Choir and Organ 9:30—CBS, Madison Ensemble 10—Home Sweet Home Concert 11—CBS, Broadway Melodies 11:30—The Georgians 12 noon—CBS, Philharmonic Orch. 2—Melodies Organistique 2:15—Salon Moderne 2:45—Helen Nagin, pianist 3—Rabbi Magnin 3:15—Organ; violinist 3:30—To be announced 3:45—CBS, Current Events 4—CBS, Ace Bigode's Orchestra 4:30—CBS, Willard Robison 4:45—Cystex Newspaper Adventures 5—CBS, An Evening in Paris 5:30—Uncle Louie's Pet Shop 5:45—Mac: Cowboy songs 6—CBS, Seven Star Revue 7—CBS, Angelo Patri 7:30—"The Merrymakers" 8:30—CBS, Black Rhapsody 9—76 All-Star Revue 9:30—CBS, Ace Bigode's Orchestra 10—Darrell Donnel!, News 10:10—Dance Music 11:30 to 12 midnight—Organ Concert

468.5 Meters KFI Richm'd 6111
640 Kcys. KFI So,000 Watts
Earle C. Anthony, Inc., Los Angeles
9 A.M.—Church Quarter Hour
10:30—NBC, Nat'l Youth Conference
11:30—MBC, Arnold's Commodores
11:45—The Triodors
12 noon—NBC, Wayne King's Orch.
12:30—NBC, Jan Garber's Orch.
12:30—NBC, True Railroad Stories
1:15—NBC, Wildroot Institute
1:30—NBC, Hoover Sentinels
2—The Sunday Players
2:30—NBC, Grand Hotel
3—U. of S. C. Music Program
3:30—The Philosopher's Corner
3:45—NBC, Engineering Thrills
4—NBC, The Real Silk Show
4:30—NBC, Joe Penner
5—NBC, Chase and Sanborn Prog.
6—NBC, Merry-Go-Round
6:30—NBC, Amer Album of Music
7:30—NBC, Amer Album of Music
7:30—NBC, Chase of History'
8:15—NBC, Jeash of History'
8:15—NBC, Death Valley Days
9—To be announced
9:15—NBC, Reader's Guide
9:30—Zip's Mirth Parade
9:45—B. A. Rolfe's Orchestra
10—NBC, Incheiled Reporter
10:15 to 10:45 P.M.—Richelieu,
Cardinal or King

280.2 Meters KJBS Ord. 4148.49 1070 Kcys. J. Brunton & Sons, San Francisco 8 A.M. to 4:45—Records; News 4:45 P.M.—Silent period 12:01 to 6 A.M.—Owl program

296.6 Meters KQW Ballard 777
1010 Kcys. Foundation, Ltd., San Jose
10:15 A.M.—Sunday School Lesson,
First Baptist Church
11—First Baptist Church Services
12:30 P.M.—Slient period
7:30 to 9 P.M.—Church Services

483.6 Meters KGW Atwater 2121 236.1 Meters KOL 1000 Watts 1270 Kcys. Morning Oregonian, Portland, Ore. Morning Oregonian, Portiand, Ore 8 A. M. to 12—Various Programs 12 noon—Wayne King's Orchestra 12:30—NBC, Yeast Foamers 1:15—NBC, True Railroad Stories 1:15—NBC, Wildroot Program 1:30—NBC, Hoover Sentinels 2—Musical Program 2:25—Oregon State Board of Opto 2:25-Oregon State Board of Opto-2:25—Oregon State Board of Optometry
2:30—NBC, Grand Hotel
3—NBC, Catholic Hour
3:30—Nick's Flower Home
3:45—NBC, Engineering Thrilis
4—NBC-KGO Programs to 9:15
9:15—G. A. Paine program
9:30—Homicide Squad
10—NBC, Richfield News Flashes
10:15—NBC, Bridge to Dreamland
11 to 12 mid.—NBC, Bal Tabarin
Orchestra Orchestra

Seneca 1515 309.1 Meters KJR 5000 Watts 970 Kcys. Northwest Broad. System, Seattle, Wn. 8 A.M. to 1—Various Programs 1—Hymn Tunes 1:45—Male Quartet 2—NBC, National Vespers 2:30—Cornish School
3—NBC, Catholic Hour
3:30—Songs of the Sea
3:45—Olympic Male Chorus
4—University on the Air
5—Emanuel Tabernacle
5:30—Viennese Vagabonds
6—Angelus Hour; Dinner Dansant
7:30—Peter Meremblum's Quartet
8—First Church of Christ, Scientist
9—Major and Minor Moods
9:15—NBC Reader's Guide
9:30—NBC Congress Hotel Orch.
10—Emil Hanson
10:15—NBC Bridge to Dreamland
11 P.M.—Silent 2:30-Cornish School

KVI Broadway 4211 526 Meters 1000 Watts 570 Kcys. Puget Sound Broadcast. Co., Tacoma Puget Sound Broadcast. Co., Taco 8 A.M. to 12—Various Programs 12 noon—CBS, N. Y. Phil. Orch 2—Dick Aurandt, Organist 2:15—Ballad Concert 2:30—Judge Rutherford 2:45—Helen Nagin, planist 3—A Visit with Betty 3:30—To be announced 3:45—CBS, H. V. Kaltenborn 4—Adele Nelon 4-Adele Nelon 4—Adde Neton 4:05—CBS, Programs to 7:30 7:30—Smiling Ed Marble 7:45—Ronald Graham and Dick Aurandt
8-Beauty That Endures
8:15-Haywire Mac
8:30-Black Rhapsody
9-76 Ali-Star Revue
9:30-Modern Beer Garden
10:30-Dance Music
11:30 to 12 mid.—Organ Concert Aurandt

225.4 Meters KGB Franklin 6151 1000 Watts 1330 Kcys. Don Lee Broadcast. System, S. D., Cal. 8 A.M. to 5—Various Programs
5 P.M.—CBS, An Evening in Paris
5:30—Men Love Darkness
6—CBS, 7 Star Revue
7—CBS, Angelo Patri 7—CBS, Angelo Fath 7:30—Merrymakers 8:30—Musical program 9—76 All-Star Revue 9:30—CBS, Ace Bigode Orchestra 10—World-wide News 10:10 to 1 A.M .- Dance Music

236.1 Meters KOL Main 2312 333.1 Meters KHJ VAndike 7111 1270 Kcys.
Seattle Broadcast. Co., Seattle, Wash. Don Lee Broadcast. System, L.A., Cal. Statile Broadest. Co., Seattle, Wasia & A.M. to 5—Various Programs 5 P.M.—CBS, An Evening in Paris 5:30—Smiling: Eddie Marble 5:45—"Fan-O-Gram" 6—CBS, "Seven Star Revue" 7—"Your Child," Angelo Patri 7:20 String Courage 7:30—String Quartette 7:45—The Buccaneers -"Strange Adventures" 8—"Strange Adventures 8:15—Haywire Mac 8:30—Black Rhapsody 9—"76 All Star Revue" 9:30—"Pilsener Beer Garden" 10:30—Dance Music 11:30 to 12 mid .- Organ Concert

285.5 Meters KNX Hemp. 4101 25,000 Watts 1050 Kcys. Western Broadcast Co., Los Angeles Western Broadcast Co., Los Anges 6:45 A.M. to 5—Various Programs 5 P.M.—Organ recital 5:30—Curtis Abell 7—Julie Kellar, harp 7:15—Mayfair Concert Orchestra 7:30—Musical Program 9 Prophystorian Church 8—Presbyterian Church 9—News; Judge Rutherford 9:30 to 10:30 P.M.—Calmon Luboviski, violinist

499.7 Mtrs. KFSD Franklin 6353 1000 Watts 600 Kcys. 1000 Watts Airfan Radio Corp., Ltd., San Diego 8 A.M. to 2:30 P.M.—Various progs 12 noon—Gus the Funny Man 12:30—NBC Yeast Foamers 1—Program Resume; Studio Prog. 2—NBC, National Vespers 600 Kcys. 2-NBC, National Vespers
2:30-Popular Program
3:30-NBC, Soloist
3:45-True Engineering Stories
4-Concert; Hawaiians
6:30-Dr. Straus' Sketchbook
7-NBC Chervolet Program
7:30-Mollie Thompson, organist
7:45-To be announced
8:15-NBC, Jergens Program
8:30-Voice, Violin and Plano
9-To be announced
9:15-NBC, Reader's Gulde
9:30-University of California
10-NBC, Richfield News Flashes
10:15-NBC, Bridge to Dreamland
11 to 12 mid.—Tom Gerun's Orch.

Wasatch 3901 265 Meters KSL Wasau Watts 1130 Kcys. Radio Serv. Corp. of Utah, Salt Lake Radio Serv. Corp. of Utan, Sait Lake 7 A.M. to 6—Various Programs 6 P.M.—CBS, Seven Star Revue 7.—CBS, Angelo Patri, "Your Child" 7:30—Ford V-8 Merrymakers 8:30—Cathedral Madeleine 9.—Mormon Tabernacle Organ 1) to 11 P.M.—Dance Music

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8 A.M. to 12—Various Programs 12 noon—CBS, N. Y Philharmonic Orchestra 2-Programs from KFRC 3-Rabbi Magnin 3:15-Professor Lindsley 3:30-CBS, Smiling Ed McConnell 3:45-CBS, H. V. Kaltenborn 4—Cystex program
4:15—CBS, Ace Brigode's Orch.
4:30—To be announced
4:45—Quartet
5—CBS, Evening in Paris
5:30—CBS Program
6—CBS, Seven Star Revue
7—CBS, Your Child
7:30—Ford V-8 Merrymakers
8:30—CBS, Black Rhapsody
9—76 All-Star Revue
9:30—Ace Brigode's Orchestra
10—News Items
10:10—To be announced
11—Gus Arnheim's Orchestra Cystex program 11—Gus Arnheim's Orchestra 11:30—Organ Recital 12 to 1 A.M.—Recordings

325.9 Meters KOMO Elliott 5890 920 Kcys. 1000 Watts Fisher's Blend Station, Inc., Seattle risner's Blend Station, Inc., Seattle 8 A.M. to 12—Various Programs 12 noon—NBC, Wayne King's Orch. 12:30—NBC, Yeast Foamers 1—NBC, Engineering Adventures 1:15—NBC, Wildroot Institute 1:30—Orchestra and Chorus 2—Old Songs of the Church 2:30—NBC, Grand Hotel 3—Betty 2:30—NBC, Grand Rotes
3:30—NBCy Male Chorus
3:30—Olympic Male Chorus
3:45—NBC, Engineering Thrills
4—Real Silk Hosiery Corp.
4:30—NBC, Joe Penner
5—NBC, Chase and Sanborn Prog.
6—NBC, Merry-Go-Round
6:30—NBC, Merry-Go-Round
6:30—NBC, Jack Benny
7:30—To be announced
8:15—NBC, Jergens Program
8:30—NBC, Death Valley Days
9—To be announced
9:15—Pioneers 9—10 be announced 9:15—Pioneers 9:45—Crazy Water Crystals 10—NBC, Richfield News Flashes 10:15—Sonatas, Frank Leon 10:30 to 11 P.M.—Greater Washington Hour

508.2 Meters KHQ Main 5383
590 Kcys. Main 5383
1000 Watts
Louis Wasmer, Inc., Spokane, Wash.
9 A.M. to 1—Various programs
1 P.M.—NBC, True Railroad Stories
1:15—NBC, Wildroot Program
1:30—NBC, Hoover Concert
2:30—NBC, Hoover Concert
2:30—NBC, Grand Hotel
3:15—N.W. Stories
3:30—NBC, Willie Bird
3:45—NBC, Engineering Thrills
4—NBC, Vincent Lopez Orchestra
4:30—NBC, Joe Penner
5—NBC, Merry-Go-Round
6:30—NBC, Merry-Go-Round
6:30—NBC, Merry-Go-Round
6:30—NBC, Merry-Go-Round
7:30—To be announced
7:45—Crazy Wells Water
8:15—NBC, Jergens Program
8:30—NBC, Jergens Program
8:30—NBC, Jergens Program
8:30—NBC, Death Valley Days
9—Croonader Backers Guide Main 5383 1000 Watts 508.2 Meters KHQ 9-Croonaders 9:15-NBC, Readers Guide 9:30-Wash. Water Power Co. 10-NBC, Richfield News 10:15 to 12 mid.—NBC-KGO Prog.

MONDAY 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—U. S. Navy Band
9—Johnny Toffoli, accordionist
9:15—Home Economics Talk
9:30—Arion Trio
10—Organ Concert
10:30—Magazine of the Air
11:30—Widow and Angel
11:45—The Syncopators: orchestra
12 noon—Financial Flashes
12:15—Western Farm & Home Hour
1—Betty and Bob
1:15—Contract Bridge
1:30—Oxydol's Own Ma Perkins
1:45—Mary's Friendly Garden
2—Al Pearce and Gang
3—Langendorf Pictorial
3:30—Axier Cugat's Orchestra
3:30—Axier Cugat's Orchestra
3:30—Art and Music
3:45—Horsesense Philosophy
4—The Well-Dressed Woman
4:15—Little Colleen, Agatha Turley
4:30—Arion Trio
4:45—Engineering Thrills
5-Stories of Human Behavior
5:15—Two Men and a Maid
5:15—Two Men and a Maid
5:30—Billy Batchelor
5:45—Little Orphan Annie
6—Elleen Piggott, vocalist
6:15—Chester Rowell
6:20—Just Around the Corner
7—Carnation Contented Hour
7:30—Demi-Tasse Revue
8—Amos 'n' Andy
8:15—Dr. Painless Parker presents
"The Philistine"
8:30—Voice of Firestone
9—Sealed Power Side Show
9:30—Benny Meroff's Orchestra
10—Richfield News Flashes

440.9 Meters KPO Sutter 1920 680 Kcys. National Broadcast. Co., San Francisco 7:30 A.M.—Morning Parade 8—Organ Concert 8:15—Log o' the Day Crosscuts 9:15—Julia Hayes, beauty talk 9:35—Johnnie O'Brien, harmonica 9:45—News; Arion Trio 10:15—Sologist 10:45—News; Arion Trio 10:15—Sologist 10:45—Orlando's Concert Ensemble 11—Musical Originalities 11:15—Calif. Fed. of Women's Clubs 11:45—Agricultural Bulletins 12 noon—Radio Guild: 1, News 1:15—Ann Warner's Chats 1:15—Babes in Hollywood 2:30—Mobile Moaners, negro quartet 2:45—The Big Top 3—Dr. Copeland's Health Talks 3:05—Xavier Cugat's Orchestra 3:15—Mud Caves, dramatic skit 3:30—Irene Beasley, blues singer 3:46—Univ. of Calif. Program 4—Dance Masters 4:15—Bisquick program 4:20—Bismarck Bavarian Ensemble 4:30—Melody Mixers, orchestra 5—Cambrian Male Choir 5:15—Arion Trio 5:15—Arion Trio 5:15—News; Organ Concert

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—U. S. Navy Band
9-Johnny Toffoli, accordionist
9:15—Home Economics Talk
9:30—Arion Trio
10—Organ Concert
10:30—Magazine of the Air
11:30—Widow and Angel
11:45—The Syncopators: orchestra
12:15—Western. Farm & Home Hour
13:5 Meters KFRC
10:00—Watts

6:30—Safety First
6:45—Detectives Black and Blue
7-Southern Harmony Four
7-Souther

491.5 Meters KFRC Prospect 0100
610 Kcys. 1000 Watts
Don Lee Broadcast. System, S. F., Cal.
7 A.M. —Records; Stocks
7:30—Early Morning Exercises
8-Popular Selections
8:15—CBS, Morning Moods
8:30—Popular Selections
8:15—CBS, Morning Moods
8:30—Popular Selections
8:45—CBS, Wolce of Experience
9:15—CBS, Gypsy Nina
9:30—General Mills
9:30—GES, Concert Miniatures
10—CBS, George Hall's Orchestra
10:30—Better Business Bureau
10:45—Prudence Penny
11—CBS, Just Plain Bill
11:15—Romance of Helen Trent
11:30—CBS, School of the Air
12 noon—Noonday Concert
12:55—Vidacrin Laboratories Talk
1—CBS, Clarence Wheeler's Orch.
1:30—N. Y. Stock Quotations
1:35—CBS, Symphony Orchestra
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Sweet Music
3:45—CBS, Enoch Light's Orchestra
4—Hodge Podge Lodge
4:30—Vidacrin Laboratories
4:35—CBS, Kapper Sisters
4:45—Lost and Found Items
4:50—Records; 4:55, Town Topics
5—Rhythm Kings
5—Rhythm Kings
5:30—CBS, Philadelphia Orchestra
6:15—CBS, Philadelphia Orchestra
6:15—CBS, Philadelphia Orchestra
6:15—CBS, Hayne King's Orchestra
7:30—Columbia News Service
7:45—Myt and Marge
8—The Shell Show
9—CBS Orchestra
10:10—Dance Orchestra
11:30 to 12 mid.—Organ Recital

322.4 Meters KROW Glenc. 6774
1930 Krys.

Bduca. Broad. Corp., Oakland, Calif.
7 A.M. to 5:30—Various Programs
5:30 P.M.—Eat Your Way to Health
6:—Dell Perry, pianist
6:15—Walk-a-thon: 6:30, Organ
7-"80lomon & Sullivan"
7:15—Sports Review
7:30—Italian Program
8-Headlines—News
8:15—Jack Morgan, Accordion
8:30—Latin-American Program
9:30—Musical Program
9:30—Musical Program
10 to 12 mid.—Dance Music

280.2 Meters KJBS Ord. 4148-49 1070 Kcys. 100 Watts J. Brunton & Sons, San Francisco 6 A.M. to 4:45—Records; News 4:45 P.M.—Silent period 12:01 to 6 A.M.—Owl Program 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—Harmonics; 12:30, Organ
1—Mid-day Concert
1:15—NBC, Rhythmic Serenade
1:30—NBC, Words and Music
2—Parent Teachers' Association
2:15—Modern Maestros
2:45—Organ; 3:45, Tango Time
4—Music Maesters
5—Sunset Revue
5:30—Father Finns Choral Music
5:45—Campbell Digest
6—Paraders; 6:15, Waltz Idylls
6:45—Eb and Zeb
7—Bob Allen, Plano Stylist
7:15—Choir Interlude
7:45—Musical Whims
8—Eugene Mancini, Virginia Miller
8:30—Symphonic Band
8:45—Talk; Victor Herbert Music
9—News Flashes
9:15—"National Defense"
9:30—Captain Argus
10—Organ Seranade
11 to 12 Mid.—Concert Melodies

535.4 Meters KTAB Garfield 4700
560 Kcys. Broadcasters, Oakland, Calif.
7 A.M. to 1—Various Programs
1 P.M.—Radio Frolic
1:30—Over the Teacups
2—News; 2:15, Town Crier
3-Studio program
3:30—Beauty Talk; Studio Program
4:30—The Old Bagh
4:30—The Old Bachelor
5—Organ Concert
5:15—Si and Elmer
5:30—Health Talk; 6, Smile Club
6:30—Columbia News Page
6:45—Sport Page; Dot Kay, vocalist
7:30—Organ Concert
7:15—Italian News Broadcast
7:30—Organ Concert
9:45—Minstrel Show
8:15—Garden of Memory
8:30—Studio program
8:45—Cecil and Sally (Elec. Trans.)
9—Souvenirs
9:30—Jerry Wilford, poetry, music
9:45—News Flashes
10—Thunderbolt Lodge
10:30 to 12 mid.—Records

340.7 Meters KLX Lake. 6000
1800 Kcys.
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
2:46—S. F. Stocks
2:45—Opportunity Hour
3:30—News Flashes; Records
4:15—Brother Bob's Club
4:45—McCoy Health School
5—Covered Wagon Jubliee
5:30—Helen Parmelee, pianist
5:45—Lovable Liars
6—Betty Babbish Band; News
7:30—Beauty That Endures
7:45—Club News Parade
8—Donald Neal, baritone; Helen
Parmelee, pianist
8:25—Better Business Talk
8:30—Faucit Theatre of the Air
9—Nevada Nite Herders
9:45—Romayne Sisters
10—Fred Skinner
10-5red Skinner
10:30 to 11 P.M.—Dance program

468.5 Meters KFI Richm'd 6111 640 Kcys. 50.000 Watts Earle C. Anthony, Inc., Los Angeles Earle C. Anthony, Inc., Los Angelei 6:45 A.M. to 5—Various programs 5 P M.—Health Talk 5:15—NBC, Two Men and a Maid 5:30—NBC, Billy Bachelor 5:45—NBC, Little Orphan Annie 6—Sinclair Minstrels 6:30—"Golden Melodies" 7—NBC-KGO Programs to 8:30 NBC, Voice of Firestone 9—NBC, Sealed Power Side Show 9:30—Zip's Mirth Parade 9:45—To be announced 10—NBC, Richfield Reporter 10:15—Dance Orchestras 10:15-Dance Orchestras 11:30 to 12 mid.—Arion Trio

Main 5383 508.2 Meters KHQ 1000 Watts Louis Wasmer, Inc., Spokane, Wash. 7 A.M. to 1—Various programs 1 P.M.—NBC, Betty and Bob 1 P.M.—NBC, Betty and Bob
1:15—Studio program
2—NBC, Al Pearce and Gang
3—NBC, Waldorf-Astoria Orchestra
3:15—Club Bulletin
3:30—Business and Pleasure
4—NBC-KGO Programs
4:30—Parade of Happy Feet
4:45—Studio Programs
5:15—NBC, Two Men and a Maid
5:30—NBC, Billy Bachelor
5:45—Orphan Annie
6—NBC. Elleen Piggott 5:45—Orphan Annie
6—NBC, Eileen Piggott
6:15—Theatrical Review
6:30—Four Horsemen
6:45—Frank Funkhouser
7—NBC-KGO programs to 8:15
8:15—Sports Review
8:30—NBC, Voice of Firestone
9—NBC, Sealed Power Sideshow
9:30—To be announced
9:45—Frank and Archie
10—NBC, Richfield News
10:15—NBC, Anson Weeks' Orch.
10:30—Radio Specials
11 to 12 mid.—NBC Programs

KVI Broadway 4211 526 Meters 570 Kcys. Puget Sound Broadcast. Co., Tacoma Puget Sound Broadcast. Co., Tacoma 6 A.M. to 5:30—Various Programs 5:30 P.M.—CBS, Bing Crosby 6—Philadelphia Symphony Orchestra 6:15—Smilin' Ed Marble 6:30—The Big Show 7—CBS, Wayne King and Orchestra 7:30—Mr. Mellor 7:45—Myrt and Marge 8—Shell Show 9—CBS, Leon Belasco's Orchestra 9:30—CBS, Abe Lyman's Orchestra 9:30—CBS, Abe Lyman's Orchestra 9:30—CBS, Abe Lyman's Orchestra 10—Dance Music 11:30 to 12 mid.—Organ Recital

Main 2312 236.1 Meters KOL 1000 Watts 1270 Kcys. Seattle Broadcast. Co., Seattle, Wash. 6:45 A.M. to 5—Various Programs 5 P.M.—"Fan-O-Gram" 5 P.M.—"Fan-O-Gram"
5:15—H-Bar-O Rangers
5:30—CBS, Bing Crosby
6—CBS, Phila. Symph Orch.
6:15—Smiling Eddie Marble
6:30—CBS, Big Show
7—CBS, Wayne King's Orchestra
7:30—Radio Speaker Stevenson
7:45—CBS, Myrt and Marge
8—The Shell Show
9—Detectives Black and Blue
9:15—Superstitions
9:30—Globe Trotter; Talk
10—Dance Music
11:30 to 12 mid.—Organ Recital

Western Broadcast Co., Los Angeles 6:45 A.M. to 5-Various Programs 5:35 A.M. to 3—Various Frograms 5:15—College Daze and Knights 5:30—Musical Transcription 5:45—Tom Wallace and Cardinal -News; Singing Guardsmen 6—News; Singing Guardsmen 6:30—Concert 6:45—Bill Mack and Jimmy 7—Watanabe & Archie 7:15—Black and Blue 7:30—Red Davis Adventures 7:45—Smilin' Ed McConnell 8—Calmon Luboviski, violinist 9—News Flashes 9:15—Frenger Players 9:45—Musical Transcription 10 to 11 P. M.—Dance Orchestri 10 to 11 P M .- Dance Orchestra

333.1 Meters KHJ VAndike 7111 900 Kcys. 1000 Watts Don Lee Broadcast. System, L. A., Cal. 7 A.M. to 5-Various Programs 5 P.M .- Western Clock 5 P.M.—Western Clock
5:05—Ruth Royale
5:15—H-Bar-O Rangers
5:30—CBS, Bing Crosby
6—CBS, Philadelphia Symphony Or.
6:15—CBS, Alexander Woollcott
6:30—CBS, The Big Show
7—CBS, Wayne King's Orchestra
7:30—Industrial Home Owners of
So California 7:30—Industrial Home Owners of So. California 7:45—CBS, Myrt and Marge 8—Shell Show 9—Leon Belasco's Orchestra 9:30—Abe Lyman's Orchestra 10—News Items 10:10—The Bowery 10:30—Jack Ross' "Dude Ranch" 11:30—The "Bowery" 12 to 1 A.M.—Recordings

499.7 Mtrs. KFSD Franklin 6353 600 Kcys. 1000 Watts Airfan Radio Corp., Ltd., San Diego 7:30 A.M. to 6:30—Various Progs. 6:30 P.M.—NBC, Just Around the Corner 7-Studio program 7:30-NBC, Demi-Tasse Revue 8:-Feature program 8:15—NBC, The Philistine 8:30—NBC, Voice of Firestone 8:30—NBC, Voice of Frestone 9:30—NBC, Terrace Gardens Orch. 10—Richfield News Flashes 10:15—NBC, Anson Weeks' Orch. 11—NBC, Ambassador Hotel Orch. 11:30 to 12 midnight—Arion Trio

Ballard 777

296.6 Meters KQW 500 Watts 1010 Kcys. Pac. Agric. Foundation, Ltd., San Jose Pac. Agric. Foundation, Ltd., San Jos 7 A.M. to 6—Various Programs 6 P.M.—Musical Impressions 6:15—Franco's Program 6:30—Fed. State Market Reports 6:45—Farmers Exchange 7—U. S. Weather Forecast 7:03—Radio News and Forum 7:30—Minute Man 7:45—Band Concert 8—Monarch Melodists 8:30—Golden Memories 9—Accordion Capers 9:30 to 10 P.M.—Mauna Keans

SEE PAGE 6

285.5 Meters KNX Hemp. 4101 325.9 Meters KOMO Elliott 5890 1050 Kcys. KOMO Watts 920 Kcys. Fisher's Blend Station, Inc., Seattle 7 A.M. to 1—Various Programs
1 P.M.—NBC, Betty and Bob
1:15—Rhythmic Serenade
1:30—Vindabonians; Grant Merrill
2—NBC, Al Pearce and his Gang
3—Proctor's: Betty
3:15—Talking Fiddle 3—Proctor's: Betty
3:15—Talking Fiddle
3:30—Red Shadow; Playboys
3:45—Trumpet Sobs
4:30—Pastel Harmony
5-NBC-KGO Programs to 4:30
4:30—Pastel Harmony
5-NBC-KGO Programs to 6
6-30 Minutes of Music
6:30—General Harmonizers
6:45—Crazy Crystals Program
7-NBC-KGO Programs to 8:15
8:15—Happiness program
8:30—NBC, Voice of Firestone
9—NBC, Sealed Power Side Show -NBC, Sealed Power Side Show 9-:30—The Big Ten 10—NBC, Richfield News Flashes 10:15—Melody Mixers 10:30—Lyric Melodies 11—Jules Buffano Orchestra 11:30 to 12 mid.—NBC, Arion Trio

309.1 Meters KJR Seneca 1515 5000 Watts 970 Kcys. Northwest Broad. System, Seattle, Wn. Northwest Broad. System, Seattle, Wn. 7:30 A.M. to 1—Various Programs 1 P.M.—Cowboy Joe 1:15—Rhythmic Serenade 1:30—NBC, Mary's Friendly Garden 2—Salon Hour: Recordings 3—NBC Programs to 4 4—Viennese Vagabonds 4:30—NBC, Arion Trio 4:45—NBC, Piano Pals 5—Records; Dinner Dansant 5—Records; Dinner Dansant 6—NBC. Elleen Piggott 6-NBC, Eileen Piggott 6:15-NBC, Chester Rowell 6:30-Washington H. S. Reporter 6:45-Dinner Dansant -Tarzan 7:30—Sohl and Auckland 7:45—Dollars and Cents 7:49—Dollars and Cents
8—Blue Streaks
8:15—Olympic Male Chorus
8:30—Muted Strings
8:45—Watanabe and Archie
9—Mystic Asia, Solberg
9:20 Dance Orbestra 9:30—Dance Orchestra 10:30—Musical Favorites 11 to 12 mid.—Dance Music

483.6 Meters KGW Atwater 2121 620 Keys. KGW 1000 Watts 620 Kcys. AUW 1000 Watts Morning Oregonian, Portland, Ore. 7 A.M. to 12—Various Programs 12 noon—F. A. Cook News 12:15—NBC, Farm and Home Hour 1—General Mills 1:15—NBC, Rhythmic Serenade 1:30—Parker Dental Clinic 1:45—Orchestra; Relief Needs 2—NBC, Al Pearce and Gang 2—Versy Limprices. 620 Kcys. -Krazy Limericks 3:05—NBC, Waldorf-Astoria Orch. 3:15—As If By Magic 3:20—Friendly Chat 4:15—NBC-KGO Programs to 5
5—Musical program
5:15—Collins & Erwin
5:30—NBC, Billy Bachelor
5:45—NBC, Little Orphan Annie
6—NBC Program
6:15—Crazy Crystals
6:30—Memory Singer
6:35—NBC, Just Around the Corner
6:45—Traffic Talk
7—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.—NBC Programs 4:15-NBC-KGO Programs to 5

TUESDAY Programs

379.5 Mtrs. NBC-KGO Sutter 1920 4:10—Bisquick Program 790 Kcys. 4:15—You and Your Government 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 8:15—Morin Sisters 8:15—Morin Sisters
8:30—Marine Band Shut-In Hour
9:30—Martha Meade Society
9:45—Edna Fischer, planist
10—Organ Concert
10:30—Woman's Magazine of the Air
11:30—Widow and Angel
11:45—Neil Sisters 12 noon—Financial Flashes 12:05—Blue Room Echoes 12:15—Western Farm & Home Hour 4—The Family Cook Book
4:15—Music Room
4:45—Eva Gruninger, contralto
5—Back Stage Chatter
5:15—Vincent Lopez' Orchestra
5:30—Billy Batchelor
5:45—Little Orphan Annie 6-Piano Pals 6:15-Historical Sketches of San Francisco 6:30—Ed Wynn and the Texaco Fire Chief Band -Cruise of the Seth Parker 7—Cruise of the seth Parker
7:30—Madame Sylvia & Movie Stars
7:45—Jerry Sears' Orchestra
8—Amos 'n' Andy
8:15—Memory Lane
8:45—Horlick's Adventures in Health
9—Ben Bernie's Orchestra
9:20 Whysing the Westi deame 9::30—Winning the West: drama 10—Richfield News Flashes 10:15—Anson Weeks' Orchestra 11—Tom Coakley's Orchestra 11:30 to 12 midnight—Organ Concert 440.9 Meters KPO Sutter 1920 50,000 Watts National Broadcast. Co., San Francisco 7:30 A.M.-Morning Parade 7:45-Your Child -Four Southern Singers 8-Four Southern Singers 8:15—Log o' the Day Crosscuts 9:15—Julia Hayes, beauty talk 9:35—Johnny O'Brien, harmonica 9:45—News 9:45—News
10—New Kitchen Secrets
10:15—When the Gang Gathers
10:30—Dr. Wynne's Health Talks
10:35—Merrie Men, male quartet
10:45—Smackout, Marion and Jim
Jordan, comedy and songs 11--Musical Originalities
11:30-Argentine Trio
11:45-Agricultural Bulletins
12 noon--Midday Musical
12:45--Comedy Stars of Hollywood
1--News; 1:15, Ann Warner Chats
1:45--John and Ned
2--Harry Owens' Orchestra
2:15--Daytime Talks
2:30--Adventures of Dr. Doolittle
2:45--Fashion Flashes
--Dr. Copeland's Health Talks 11-Musical Originalities 2:45—Fasnion Flasnes

-Dr. Copeland's Health Talks

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-The Sizzlers, male trio

4:45—Stringwood Ensemble 5:15—News; 5:30, Souvenirs 6—Melody Mixers 6-Merody Mixers
6:30—Flori Gough Shorr and Lev
Shorr, cellist and pianist
7—Doric Quartet 7-Done Quartet 7:30—Boris Kramarenko's Orchestra 7:45—Calif. St. Cham. of Commerce 8—Nathan Abas, violinist 8:15—Thru the Hollywood Looking Glass 8:30-The Orchestra 8:30—Ine Orchestra
9—Magnolia Minstrels
9:30—Harry Sosnick's Orchestra
10—Stringwood Ensemble
10:30—Rhythm Aces 11-Ambassador Hotel Orchestra 11:30 to 12 mid .- Tom Gerun's Or. 243.8 Meters KYA Prospect 3456 1230 Kcvs. 1000 Watts Pac. Broadcast. Corp., San Francisco Pac. Broadcast. Corp., San Francisco
7:30 A.M. to 12—Various programs
12 noon—Scriptures
12:03—Mid-day Concert
12:30—Organ Recital
1—Modern Maestros
1:45—NBC, Brown Palace Orch.
2:-0pera Phantoms
2:30—Verse: Mrs. M. C. Sloss
2:45—NBC, The Big Top
3—Organ Matinee
4—Artist Celebrities
4:15—Symphony Highlights 4:15—Symphony Highlights 4:55—Talk, National Tuberculosis Association Association
5—Sunset Revue
5:30—NBC, Clef Dwellers
5:45—Campbell Digest
6-"Mail Early" Talk
6:05—Paraders 6:15-Waltz Idylls 6:45-Symphonic Jazz 6:45—Symphonic Jazz
7:15—Royal Quartet, King's Men
7:30—Floyd Bennett Aviation Forum
8—Sydney Dixon, Virginia Miller
8:15—NBC, Poet Prince
8:30—Paradise Restaurant Orchestra

8:30—Paradise Restaurant Orchestr 8:45—Bob Allen, Piano Stylist 9—News; 9:15, Rhythm Princes 9:30—The Cub Reporters 9:45—Symphonic Band; 10, Organ 11 to 12 Mid —Concert Memories 535.4 Meters KTAB Garfield 4700 560 Kcys. KTAB Garfield 4700 Watts Assoc. Broadcasters, Oakland, Calif. Assoc. Broadcasters, Oakland, C. 7 A.M. to 1—Various Programs 1 P.M.—Radio Frolic 1:30—Over the Teacups 2—News; 2:15, Town Crier 3—Bar B Boys: Siesta 4—The Old Rajah 4:30—The Old Bachelor 4:45—Studio; Organ 5:15—Si and Elmer 5:30—Health Talk; 6, Smile Club 6:30—Columbia News Page 6:45—Ernie Smilth's Sport Page 7—Dot Kay, vocalist 7:15—Italian News Broadcast 7:30—Organ and soloist 7:30—Organ and soloist 7:45—Voice of Democracy -Studio program 15-Gertrude Ahearn and Lee

8:30—Sweet's Ballroom 8:45—Cecil and Sally (Elec. Trans.) -Souvenirs 9:30—Doc Herrold, the Mirror 9:45—News; Dance Music 10:30-Studio Program 11 to 12 mid.-Records

491.5 Meters KFRC Prospect 0100 610 Kcys. KFRC 1000 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Recordings; Stocks 7:30—Early Morning Exercises 7:30—Early Morning Each Constitution of the Co 10:15—Frances Lee Barton 10:30—CBS, Easy Aces 10:45—Prudence Penny 11—Just Plain Bill 11:15—Romance of Helen Trent
11:30—CBS, School of the Air
12 noon—Noonday Concert
12:55—Talk, Vidacrin Laboratories
1—Women's Institute of the Air
1:15—CBS, U. S. Navy Band
1:30—N. Y. Stock Quotations
1:35—Medical Society Health Talk
1:45—CBS, Enoch Light's Orchestra
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Sweet Music; Beauty Talk
4—Popular Selections
4:15—CBS, Texas Rangers
4:35—Popular Selections
4:45—Lost and Found Items
4:50—Records; 4:55, Town Topics
5—Melodies Organistique
5:15—Children's Radio Theatre
5:30—Bobs, Sports Authority
5:45—Uncle Louie's Pet Shop
6—CBS, Philadelphia Orchestra
6:15—CBS, Poet's Gold
6:30—California Melodies
7—CBS, Camel Program
7:30—Globe Headlines
7:45—CBS, Deep River
8:15—CBS, Occopia Control Cont 11:15—Romance of Helen Trent 11:30—CBS, School of the Air 9—Dance Orcnestra 9:30—Hodge Podge Lodge 10—News Editor of the Air 10:10 to 12 midnight—Dance Music

340.7 Meters & LA 1000 Watts R80 Kcys. Co., Oakland, Calif. 8A.M. to 12—Records; Stocks; News 12 noon—Bill Duncan's Band 1—Jean's Hi-Lights 2—Recordings; News 2:40—Closing S. F Stocks 2:45—Recordings 3:15—Carmen Rushing, pianist 3:30—News Flashes; Records 340.7 Meters KLX Lake. 6000 1000 Watts 3:15—Carmen Rushing, pianist
3:30—News Flashes; Records
4:15—Brother Bob's Club
4:45—Health School of the A
5-Covered Wagon Jubilee
5:30—Helen Parmelee, pianist
6—Hotel Oakland Trio; News
7:30—Los Tres Caballeros
7:45—Football Reviews
8—John Lewis Quintat the Air 9:30—Bungling Bunglers 9:45—Italian NRA Talk 10-Freddie Skinner 10:30 to 11 P.M.-Dance Program

280.2 Meters KJBS Ord. 4148-49 1070 Kcys. KJBS Ord. 4148-49 J. Brunton & Sons, San Francisco 6 A.M. to 4:45—Records; News 4:45 P.M.—Silent period 12:01 to 6 A.M.—Owl Program 508.2 Meters KHQ 1000 Watts 900 Kcys. 590 Kcvs. Louis Wasmer, Inc., Spokane, Wash. 7 A.M. to 1—Various Programs 1 P.M.—NBC, Betty and Bob 11-M.—NBC, Betty and Bot 1:15—Studio programs 2—NBC, Al Pearce and Gang 3—Studio programs 4—NBC-KGO Programs to 5 5—Tull and Gibbs Express 5—Tull and Gibbs Express
5:15—NBC-KGO Programs to 6
6—N. W. on Parade
6:30—NBC, Texaco Firechief
7:-Lives at Stake
7:30—NBC, Madame Sylvia
7:45—Bob and Barbara
8—NBC, Amos 'n' Andy
8:15—NBC, Managery Lene 8:15-NBC, Memory Lane 8:45-NBC, Adventures in Health 8:39—NBC, Adventises in Institute 9:30—Words and Music 9:35—Frank and Archie 10—NBC, Richfield News 10:15—NBC, Anson Weeks Orch. 10:30—Radio Specials 11 to 12 mid.—Dance Music

KVI Broadway 4211 570 Kcys. Puget Sound Broadcast. Co., Tacoma 6 A.M. to 6—Various Programs 6 P.M.—Philadelphia Symphony Or. 6:15—Poet's Gold 6:30—CBS, California Melodies 7—CBS, Camel program 7:30—Dr. Mellor 7:45—Myrt and Marge 8—South Americans 8:15—Elmer Everett Yess 8:30—Mellow'd Melodies 8:45—Voice of Experience 9—Scandinavian Hour 9:30—Hodge Podge Lodge 10—Dance Music 11:30 to 12 midnight—Organ Recital Puget Sound Broadcast. Co., Tacoma

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—Vindabonians; Smoke Rings
1:55—Stanco, Electric Trans.
2—NBC, Al Pearce and Gang
3—Proctor's: Betty
3:15—Cowboy Joe
3:30—Petite Symphonists
3:45—Glen and Ruby
4—Musical Program
4:30—Pastel Harmonies
5—King County Talk 4:30—Pastel Harmonies
5—King County Talk
5:05—Saxophone Melodies
5:15—Male Quartet
5:30—NBC, Billy Batchelor
5:45—NBC, Little Orphan Annie
6—Happiness Program
6:30—NBC-KGO Programs to 7:45
7:45—Beauty That Endures
8—NBC-KGO Programs to 10:15
10:15—The King's Men
10:30 to 12 mid—Dance Music

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 way to Health 6—Dell Perry, pianist 6:15—Walk-a-thon 6:30—Organ Echoes 6:30—Organ Ecnoes
7—Studio program; sports
7:30—The "Ne'er Do Well"
8—Headlines—News
8:15—Watch Tower Program
8:30—Desert Roamers
9—Basketball Game 10:30 to 12 mid .- Dance Music

Main 5383 333.1 Meters KHJ VAndike 7111 468.5 Meters KFI 1000 Watts 900 Kcys. KHJ 000 Watts 640 Kcys. Don Lee Broadcast. System, L. A., Cal. 7 A.M. to 5—Various Programs 5 F.M.—Children's Radio Theatre 5:15—CBS, Organilities 5:10—CBS, Organillus 5:30—Charlie Lung and Gang 5:45—The Columbians 6—CBS, Philadelphia Orchestra 6:15—CBS, Poet's Góld 6:30—CBS, California Melodies 6:30—CBS, California Melodies
7—CBS, Camel Program
7:30—Globe Headlines
7:45—CBS, Myrt and Marge
8—CBS, Nino Martini
8:15—CBS, Elmer Everett Yess
8:30—S & W Mellow'd Melodies
8:45—CBS, Voice of Experience
9—Vincent Lopez Orchestra
9:720—Hodge Podge 9:30—Hodge Podge Lodge 10—News Items 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 5 P.M.—Storytown Express 5:15—Mary Kirk, organ 5:30—Bouquet of Memories 5:45—Health Talk; News 6:15—Spanish Ensemble 6:10—Spanish Ensemble
> 6:30—King Cowboy
> 6:45—Chandu the Magician
> 7—Watanabe & Archie
> 7:15—Singing Guardsmen
> 7:30—Elvia Allman and Band
> 7:45—Lawrence King and Orchestra 7:35—Lawrence King and Oron 8-Lite Concert 8:15—Realty Board Program 8:45—Drury Lane in Reveries 9—Electrical Transcription 9:30—Gems from Lite Opera 10 to 11 P.M.—Dance Music

225.4 Meters KGB Franklin 6151 1330 Kcys. KGB Franklin 6151

1000 Watts

Don Lee Broadcast. System, S. D., Cal. 7 A.M. to 5-Various Programs 7 A.M. to 5—Various Programs 5 P.M.—Town Topics 5:05—Chamber of Commerce 5:15—Sheriff's Office 5:30—Charlie Lung's Gang 5:45—Eb and Zeb 6--CBS, Chesterfield 6:15—CBS, Poets' Gold 6:30—CBS, Pogram 7—CBS Program 7—CBS Program 6:45—CBS Program 6:4 7—CBS Program
7.30—Globe Headlines
7.45—CBS, Myrt and Marge 8-Tarzan 8 15-CBS, Elmer E. Yess 8 15—CBS, Elmer E. Yess
8:30—Recordings
8 45—CBS, Voice of Experience
9—Dance Orchestra
9:30—Hodge Podge Lodge
10—World-wide News 10:10—Dance Music 11:30—Organ Recital 12 to 1 A.M.—Recordings

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.—Dinner Music
6:15—Franco's Program
6:30—Fed State Market Reports
6:45—Farmers Exchange
7—U. S. Weather Forecast
7:30—Radio News and Forum
7:30—Minute Man
7:45—Band Concert
8 to 10 P.M.—You Never Can Te 8 to 10 P.M.-You Never Can Tell

Richm'd 6111 640 Kcys. ATI 50,000 Watts Earle C. Anthony, Inc., Los Angeles 6.45 A.M. to 5—Various programs 5 P.M.—NBC, Stringwood Ensemble 5:15—NBC, Congress Hotel Orch. 5:30—NBC, Billy Batchelor 5:45—NBC, Little Orphan Annie 6—B. A. Rolfe Orchestra 6-B. A. Rolfe Orchestra 6:15-Singing Service Men 6:30-NBC-KGO Programs to 7:45 7:45-Frank Luther's Adlerikans 8-NBC-KGO Programs to 10:30 11-Ted Flo-Rito's Orchestra 11:30 to 12 mid.—Bal Tabarin Or.

483.6 Meters KGW Atwater 2121 620 Kcys. 1000 wans 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 1:30
1:30—Parker Dental Clinic 1:45—NBC, Friendly Garden 2—NBC, Al Pearce and Gang 3—News Reporter; 3:05, Orchestra 3:15—As If by Magic 3:20—Friendly Chat 4:15—NBC-KGO Programs to 6
6—Crazy Crystals 6:15—Seven-Up, Mixograms 6:20—Melody Mixers 6:25—Snowshoe program 6:30—NBC-KGO Programs to 7:45
7:45—Studio programs 8 to 12 mid.—NBC Programs

309.1 Meters KJR Seneca 1515 5000 Watts 970 Kcys. Northwest Broad. System, Seattle, Wn. Northwest Broad. System, Seattle, Wr 7:30 A.M. to 1—Various Programs 1 P.M —Cowboy Joe 1:15—NBC Programs to 2 2—Recorded Program 3—NBC Programs to 4 4—Steamboat Bill 4:15—NBC Programs to 5:30 —Dinner Dansant 6—NBC, Arion Trio 6:30—Washington H. S. Reporter 6:45—Brief Notes, recorded 7—Melodic Moods 7:30—General Harmonizers 7:45—Dollars and Cents 8—Orpheus Ensemble 7:45—Dollars and Cents

-Orpheus Ensemble
8:30—Dr. Williams' Drug Store
8:45—Watanabe and Archie
9—Crazy Water Program
9:15—Recorded program
9:30—Shriners Band 10 to 12 mid.—Dance Music

236.1 Meters KOL Main 2312 1270 Kcys. NUL 1000 Watts Seattle Broadcast. Co., Seattle, Wash. Seattle Broadcast. Co., Seattle, Was. 6:45 A.M. to 5-Various Programs 5 P.M.—"Fan-O-Gram" 5:15-CBS, H-Bar-O Rangers 5:30-Studio program 5:45-CBS, Phila. Symph. Orch. 6-CBS, Pinia. Symph. 6-6:15-Sports Revue
6:30-Smiling Eddie Marble
6:45-'It's Time to Sing Sweet
Adeline Again'
7-CBS, Camel Program
7-CBS, Camel Program
7-CBS, Camel Program
7-7-CBS, Camel Program
7-7-7-7-7-7-7-7-7-7-7-7 7—CBS, Camel Program
7:30—Radio Speaker Stevenson
7:45—CBS, Myrt and Marge
8—Hollywood Newshawk
8:15—CBS, Plymouth Motors Prog.
8:30—S & W Mellow'd Melodies
8:45—CBS, Voice of Experience
9-CBS, Vincent Lopez Orchestra
9:15—Globe Trotter
9:30—Boxing Bouts
10:20 to 12 mid.—Dance Music 10:30 to 12 mid.-Dance Music

WEDNESDAY Programs

379.5 Mtrs. NBC-KGO Sutter 1920 6:30—Paul Martin, banjoist 790 Kcys. NBC-KGO Sutter 1920 6:45—Detectives Black and Blue National Broadcast, Co., San Francisco, 7—Etta Moten, blues singer National Broadcast. Co., San Francisco

7 A.M.—Tony Cabooch
7:15—Organ Concert
7:30—Financial Service
7:45—Exercise and Applesauce
8:15—Sam Moore, guitarist
8:30—United States Army Band
9—Accordiana—Johnny Toffoli
9:15—Home Economics Talk
9:30—Sarah Kreindler, violinist
9:45—Jean Abbey, shop news
10—Argentine Trio
10:15—Books for Children
10:30—Magazine of the Air
11:30—Magic Moments 7 A.M.—Tony Cabooch 10.15—Books for Children
10:30—Magazine of the Air
11:30—Magic Moments
11:45—Words and Music
12:10 P. M.—Financial Flashes
12:15—Western Farm & Home Hour
1—Betty and Bob; 1:15, Pop Concert
1:30—Oxydol's Own Ma Perkins
1:45—Mary's Friendly Garden
2—Al Pearce and His Gang
3—Langendorf Pictorial
3:15—Xavier Cugat's Orchestra
3:30—Organ Concert; Soloist
4—Society Sidelights
4:15—Arion Trio
4:45—Children's Corner
5-Stringwood Ensemble
5:30—Billy Batchelor
5:45—Little Orphan Annie
6—Ipana Troubadours
6:30—John McCornack, tenor
7—Corn Cob Pipe Club
7:30—National Radio Forum
8—Amos 'n' Andy
8:15—To be announced
8:30—One Man's Family
9—Stars of the West
9:30—Charles Hart
10—Richfield News Flashes
10:15—Anson Weeks' Orchestra
11:30 to 12 Mid.—Organ Concert

440.9 Meters KPO Sutter 1920 50,000 Watts 680 Kcys. National Broadcast. Co., San Francisco 7:30 A.M.-Three Scamps, vocalists

7:30 A.M.—Three Scamps, vocalis 7:45—Organ Concert 8—Four Southern Singers 8:15—Log o' the Day Crosscuts 9:15—Julia Hayes, beauty talk 9:35—Johnny O'Brien, harmonica 9:45—News

9:45—News
10—Elmore Vincent, tenor
10:15—Songs by the Kitchen Sink
10:30—Dr. Wynne's Health Talks
10:35—Merrie Men, male quartet
10:45—Smackout, Marion and Jim
Jordan, songs and comedy
11—Bisquick program

11—Bisquick program
11:05—Musical Originalities
11:30—Widow and Angel
11:45—Agricultural Bulletins
12 noon—Midday Musicale
1—News; 1:15, Ann Warner's Chats
1:45—John and Ned, harmony duo
2—California Ramblers
2:30—Mobile Moaners
2:45—The Big Top
3—Dr. Coneland's Health Talks

2:45—The Big Top
3—Dr. Copeland's Health Talks
3:05—Xavier Cugat's Orchestra
3:15—Mud Caves, dramatic skit
3:30—George R. Holmes
3:45—Univ. of Calif. Program
4—Dance Masters, orchestra

4—Dance Masters, orchestra
4:15—Orlental Orchestra
4:30—The Clef Dwellers
4:45—Arion Trio
5—Facing the Music
5:15—Song Personalities; 5:45, News
6—Tone Portraits

7:15—Tarzan of the Apes 7:30—Irving Kennedy, tenor 7:45—Agriculture Today 8-Nathan Abas, violinist 8:15-Red Davis, dramatic sketch 8:30-Californians on Parade 9-Cab Calloway's Orchestra 9—Cab Calloway's Orchestra 9:15—Book Parade 9:30—Harry Sosnick Orchestra 10—Marshall's Mavericks 10:30—Seven Seas, orchestra 11—Ambassador Hotel Orchestra 11:30 to 12 mid.—Tom Gerun's Orch.

491.5 Meters KFRC Prospect 0100 610 Kcys. KFRC 1000 Watts 1000 Watts Don Lee Broadcast. System, S. F., Cal.

Don Lee Broadcast: System, S. F., Cal.
7 A.M.—Recordings; Stocks
7:30—Early Morning Exercises
8—Popular Selections
8:15—CBS, Four Showmen
8:30—CBS, Tony Wons, Philosopher
8:30—CBS, Tony Wons, Philosopher
8:45—Dancing Echoes
9—Voice of Experience
9:15—CBS, Gypsy Nina
9:25—Goodwill Industries, talk
9:30—Betty Crocket 9:15—CBS, Gypsy Nina
9:25—Goodwill Industries, talk
9:30—Betty Crocker
9:45—CBS, Raginsky Ensemble
10—CBS, The Little French Princess
10:15—CBS, The Playboys
10:30—CBS, Easy Aces
10:45—Prudence Penny
11—CBS, Just Plain Bill
11:15—CBS, Helen Trent's Romance
11:30—CBS, Amer. School of the Air
12 noon—Noonday Concert
12:55—Vidacrin Laboratories
1:35—CBS, Amer. School of the Air
1230—N. Y. Stock Quotations
1:35—CBS, Educational Feature
1:45—CBS, Merrymakers
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Sweet Music
3:45—CBS, George Hall's Orchestra
4—Hodge Podge Lodge
4:30—Vidacrin Laboratories
4:35—Vidacrin Laboratories
4:35—CBS, Those McCarty Girls
4:45—Lost and Found Items
4:50—Records; 4:55, Town Topics
5—To be announced
5:15—H-Bar-O Rangers
5:30—CBS A Spaulding violinist 5:15—H-Bar-O Rangers 5:30—CBS, A. Spaulding, violinist 5:30—CBS, A. Spaulding, violini.

--CBS, Philadelphia Orchestra
6:15—CBS, Alexander Woolcott
6:30—Burns & Allen; Lombardo
7-Waring's Pennsylvanians
7:30—Clobe Headlines
7:45—CBS, Myrt and Marge 8-CBS, Presenting Mark Warnow 8:15—Jean Ellington, vocalist 8:30—CBS, Edwin C. Hill 8:45—The Buccaneers -Orchestra 9:30—To be announced 10—News Editor of the Air 10:10 to 12 midnight—Dance Music

322.4 Meters KROW Glenc. 6774 930 Kcys. KROW Watts The Speak Paylor, Vacalist Thompson, vocalist Tables Thompson, Vocalist Tables Thompson, Vocalist Tables Ta 7:15—Sports Review 7:30—Italian Program 8-Headlines—News 8:15—Nellie Alsing, soprano 8:30—Artists on Parade 10 to 12 mid.—Dance Music

243.8 Meters KYA Prospect 3456 1230 Kcvs. 1000 Watts Pac. Broadcast. Corp., San Francisco 7:30 A.M. to 12—Various programs 12 noon—Scriptures; 12:03, Concert 12:30—Organ Recital 1—Tango Time 1:30—Jack and Loretta Clemens 1:45—NBC, Lady Next Door 2—Quartette 2:15—Helen Barker, Art Lecture 2:30—Community Chest 2:45—Organ Matinee 3:45—Mountain Boys 4:15—Better Business Talk 4:15—Better Business Talk
4:30—Symphony Highlights
4:55—Talk; 5, Sunset Revue
5:45—Campbell Dentist; 6, Paraders
6:15—Waltz Idyls
6:45—Eb and Zeb
7—Bob Allen, Piano Stylist
7:15—Rhythm Princes
7:30—Broadway Reflections
8—Souvenirs of Italy
9—News Flashes
9:15—John Wolohan's Orchestra
10—Organ Serenade
11 to 12 Mid.—Concert Memories

340.7 Meters KLX Lake. 6000 880 Kcys. Tribune Pub. 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 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
4:15—Brother Bob's Club
4:45—Health School of the Air
5—Covered Wagon Jubilee
5:30—Famous Campers
5:45—Lovable Liars
6—Hotel Oakland Trio; 7 News
7:30—Manila String Orchestra
8—Miniature Revue
9—Nevada Nite Herders
9:30—Bungling Bunglers
9:45—Helen Parmelee, pianist
10—Freddie Skinner
10:30 to 11 P.M.—Dance Program

535.4 Meters KTAB Garfield 4700 560 Kcys. KTAB 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
3:30—Beauty Talk; 3:45, Studio
4—The Old Rajah
4:30—The Old Bachelor
4:45—Studio program
5—Dr. Brinkley
5:15—Si and Elmer
5:30—Health Talk; Smile Club
6:30—Columbia News Page
6:45—Ernie Smith's Sport Page
7—Dot Kay 6:35—Ernie Smith's Sport Page
7:15—Italian News Broadcast
7:30—Organ Concert
7:45—Family Album
8—Fairy Tales
8:30—Paramount on Parade
8:45—Cecil and Sally (Elec. Trans.) 8:45—Cecil and Sally (2014)
9-Souvenirs
9:30—Jerry Wilford, Poetry, Music
9:45—News Flashes
10—X Bar B Boys

10:30 to 12 mid.-Records

468.5 Meters KFI Richm'd 6111 50,000 Watts Earle C. Anthony, Inc., Los Angeles 6:45 A.M. to 5—Various programs 5 P.M.—Health Talk 5:30—NBC, Billy Batchelor 5:45—NBC, Little Orphan Annie 6—NBC-KGO Programs to 7:30 7:30—Orchestra with Virginia Flohri soprano 8—NBC, Amos 'n' Andy 8:15—To be announced 8:30—NBC, One Man's Family 9—NBC, Stars of the West 9:30—Eno Crime Clues 10—NBC, Richfield Reporter 10:15 to 12 mid.—Dance Music

333.1 Meters KHJ VAndike 7111 200 Kcys.

Don Lee Broadcast. System, L. A., Cal. 7 A. M. to 6—Various Programs 6 P. M—CBS, Philadelphia Orch. 6:15—CBS, Alexander Woollcott 6:30—CBS, Guy Lombardo's Orch. 7—CBS, Waring's Pennsylvanians 7:30—Globe Headlines 7:45—CBS, Myrt and Marge 8—"Calling All Cars" 8:30—CBS, Edwin C. Hill 8:45—Home Owners of California 9—To be announced 9:15—A & P "Three Old Favorites" 9:45—To be announced 10—News Items; Organ 10:30—Dance Music 12 to 1 A. M.—Recordings

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 & Knights 5:30—Special Lite Concert 5:45—Universal Song Service; News 6:35—Spanish Program 6:30—King Cowboy 6:45—Bill, Mack and Jimmy 7—Frank and Archie 7:15—Black and Blue 7:30—Adventures of Red Davis 7:45—Musical Program 8—Grand Opera; News 9:15—KNXponents of Rhythm 9:30—Tonto Basin Boys 10 to 11 P.M.—Dance Orchestra

225.4 Meters KGB Franklin 6151
1330 Kcys. Don Lee Broadcast. System, S. D., Cal.
7 A.M. to 5:30 P.M.—Various progs.
5:30—CBS, Albert Spaulding
6:15—CBS, Albert Spaulding
6:15—CBS, Alexander Woolcott
6:30—Burns & Allen, Guy Lombardo
7—Fred Waring's Pennsylvanians
7:30—Globe Headlines
7:45—CBS, Myrt and Marge
8—CBS program
8:30—CBS, Edwin C. Hill
8:45—Buccaneers
9—Dance Orchestra
9:30—To be announced
10—World-wide News
10:10—Dance Music
11:30—Organ Concert
12 to 1 A.M.—Recordings

280.2 Meters KJBS Ord. 4148.49
1070 Kcys. & Sons, San Francisco
6 A.M. to 4:45—Records; News
4:45 P.M.—Silent period
12:01 to 6 A.M.—Owl Program

Richm'd 6111
50,000 Watts
1270 Kcys.

Seattle Broadcast. Co., Seattle, Wasts
Seattle, Wasts
Seattle, Wasts
Seattle Broadcast. Co., Seattle, Wasts
Seattle, W

526 Meters
570 Kcys.

Wiget Sound Broadcast. Co., Tacoma
6 A.M. to 6—Various Programs
6 P.M.—Philadelphia Symphony
6:15—Smilin' Ed Marble
6:30—Burns, Allen and Lombardo
7-Waring's Pennsylvanians
7:30—Dr. Mellor
7:45—Myrt and Marge
8—CSS, Presenting Mark Warnow
8:15—Doc Williams
8:30—Edwin C. Hill
8:45—The Buccaneers
9-Griff Williams' Orchestra
9:15—South Americans
9:30—School Program
10—Dance Music
11—The Wanderers
11:30 to 12 mid.—Tavern Orchestra

325.9 Meters KOMO Elliott 5890 1000 Watts Fisher's Blend Station, Inc., Seattle 7 A.M. to 1—Various Programs 1 P.M.—NBC, Betty and Bob 1:15—Musical Favorites, Damski 1:45—Easy Chair 2—NBC, Al Pearce and His Gang 3—Proctor's; Betty 3:15—Trumpet Sobs; Red Shadow 3:45—Manhattan Echoes 4—NBC-KGO Programs to 5—Pastel Harmony 5:30—NBC, Billy Batchelor 5:45—NBC, Little Orphan Annie 6—Ipana Troubadours 6:30—NBC, Dinn McCormack 7—NBC, Corn Cob Pipe Club 7:30—Happiness Program 7:45—Crazy Wells Quartet 8—NBC-KGO Programs to 9—NBC, Stars of the West 9:30—Musical Mannequins 10—NBC, Richfield News Flashes 10:15—General Harmonizers 10:30 to 12 mid.—Dance Musical

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.—Musical Impressions
6:15—Franco's Program
6:30—Fed. State Market Reports
6:45—Farmers Exchange
7—U. S. Weather Forecast
7:03—Radio News and Forum
7:30—Monarch Melodists
8—American Legion War Camp
8:15—Herbert Miller, basso
8:30—Half-Hour of Melodies
9—A. Caro Miller and Vibraharp
9:30 to 10 P M.—Orchestra

Main 2312
1000 Watts
attle, Wash.
Programs
1 P.M.—Cowboy Joe
1:15—Pop Concert
1:30—Mary's Friendly Garden
2—Salon Hour, recorded
1:30—Mary's Friendly Garden
2—Salon Hour, recorded
1:30—Mary's Friendly Garden
2—Salon Hour, recorded
1:5—Hiram R. Gale, talk
1:5—Hiram R. Ga

483.6 Meters KGW Atwater 2121 1000 Watts Morning Oregonian, Portland, Ore. 7 A.M. to 12—Various Programs 12 noon—F. A. Cook News 12:15—NBC, Farm and Home Hour 1—NBC. Bob and Betty 1:15—NBC, Pop Concert 1:30—Parker Dental Clinic 1:45—Eddie King 2—Al Pearce and Gang 3—Krazy Limericks 3:05—Waldorf-Astoria Orchestra 3:15—As If By Magic 3:20—Friendly Chat 4:15—NBC-KGO programs to 5:5—Gems of Thot 5:05—Stringwood Ensemble 5:10—Brookfield Memory Singer 5:15—Piano Surprises 5:30—NBC-KGO Programs to 7:30—7:30—Covered Wagon Days 8—NBC-KGO Programs 10 9:30 9:30—Francis Ingram 9:45—Feenamint Program 10—NBC, Richfield News Flashes 10:15 to 12 mid.—Dance Music

508.2 Meters KHQ Main 5383
590 Kcys.
Louis Wasmer, Inc., Spokane, Wash.
7 A.M. to 1—Various programs
1 P.M.—NBC, Betty and Bob
1:15—Studio program
2—NBC, Ai Pearce and Gang
3—NBC, Waldorf-Astoria Orchestra
3:15—Club Bulletin
3:30—Business and Pleasure
4—NBC Program
4:15—Oriental Orchestra
4:30—Balakika Ensemble
4:45—Studio programs
5:15—Stringwood Ensemble
5:30—NBC, Bully Batchelor
5:45—NBC, Orphan Annie
6—NBC, Ipana Troubadores
6:30—NBC, John McCormack
7—NBC, Corn Cob Pipe Club
7:30—Book of Memories
8—NBC, Amos 'n' Andy
8:15—To be announced
8:30—NBC, One Man's Family
9—To be announced
9:45—Frank and Archie
10—NBC, Richfield News
10:15—NBC, Anson Weeks' Orch.
10:30—Radio Specials
11 to 12 mid.—Dance music

THURSDAY Programs ·

379.5 Mtrs. NBC-KGO Sutter 1920 7500 Watts National Broadcast, Co., San Francisco 7 A.M.-Edward MacHugh, Gospel Singer 7:15—Organ Concert 7:30—Financial Service 7.35—Financial Service 7.35—Exercise and Applesauce 8—Del Monte Ship of Joy 8:30—United States Navy Band 9—Elmore Vincent, tenor 9:15—Ward and Muzzy, pianists 9:30—Martha Meade Society 9:45—Sax Appeal 9:45—Sax Appeal
10—Magazine of the Air
11—Standard School Broadcast
11:45—Pioneers: Male quartet
12 noon—Financial Flashes
12:05—Words and Music
12:15—Farm and Home Hour
1—Betty and Bob
1:36—Oxydol's Own Ma Perkins
1:45—Ratty Marlove talk 1:45—Betty Marlowe, talk 2—Al Pearce and His Gang 3—Langendorf Pictorial 3:15—Xavier Cugat's Orchestra 3:30—John B. Kennedy 3:45—The Sizzlers, male trio 3:45—The Sizzlers, male trio
4—Family Cook Book
4:15—Arion Trio
4:45—Engineering Thrills
5—Rudy Vallee's Orchestra
6—Capt. Henry's Show Boat
7—Paul Whiteman's Orchestra
8—Amos 'n' Andy
8:15—Standard Symphony Hour
9:15—To be announced
1:20—Daning in the Twin Citi 9:10—10 be announced 9:30—Dancing in the Twin Cities 10—Richfield News Flashes 10:15—Anson Weeks' Orchestra 11—Tom Coakley's Orchestra 11:30 to 12 mid.—Organ Concert

440.9 Meters Sutter 1920 **KPO** 50,000 Watts National Broadcast. Co., San Francisco 7:30 a.m --- Morning Parade 7:45—Organ Concert 8:15—Log o' the Day Crosscuts 9:15—Julia Hayes, beauty talk 9:35—Johnny O'Brien, harmonica 9:45—News 10—New Kitchen Secrets
10:15—Strange Interview
10:30—Dr. Wynne's Health Talks
10:35—Rex Battle Concert Ensemble 11-Standard School Broadcast 11:45-Agricultural Bulletin 11:45—Agricultural Bulletin
12 noon—Melody Mixers
12:40—Bisquick program
12:45—Comedy Stars of Hollywood
1—News; 1:15, Ann Warner's Chats
1:45—John and Ned, harmony duo
2—Federation of Women's Clubs
2:15, Warner in Hollywood 2:15—Babes in Hollywood 2:30—Adventures of Dr. Doolittie 2:45—Fashion Flashes 3-Dr. Copeland's Health Talk 3:05-Xavier Cugat's Orchestra 3:105—Mul Caves, dramatic skit 3:15—Mul Caves, dramatic skit 3:30—Canzonetta, Arion Trio 3:45—Univ. of Calif, Program 4—Twenty Fingers of Harmony 4:15—Dance Masters Orchestra

4:30-Concert Footlights

4:30—Concert Footlights
5-Bisquick program
5:05—Arion Trio
5:15—Behind the Footlights
5:30—Organ Concert
5:40—Westclox Sketch, drama
5:45—News; Arion Trio
6:30—Federal Business Talk

San Francisco Municipal Govern. 7:30—Powderpuff Revue 7.30—rowderpun Revue 8—Josef Hornik's Concert Orchestra 8:30—Eno Crime Clues 9—Pennsylvania Hotel Orchestra 9:30—Music Box 10—Voice of Pan 10:30-Organ Concert 11—Ambassador Hotel Orchestra 11:30 to 12 mid.—Tom Gerun's Or. 243.8 Meters KYA Prospect 3456 1000 Watts 1230 Kcys. Pac. Broadcast. Corp., San Francisco

7:30 A.M. to 12-Various programs Noon-Scriptures 12 Noon—Scriptures
12:03—Tango Time; 12:30, Organ
1—Mid-day Concert
1:45—NBC, Winnie the Pooh
2—International Troubadors
2:15—Hawaiian Melodies
2:45—NBC, The Big Top -Organ Matinee 4—Musical Strings 4:15—Old Songs 4:30-Music Masters 5-Sunset Revue 5-Sunset Revue
5:45-Campbell Digest
6-Associated Glee Clubs
6:15-Waltz Idylls; Rhythm Princes
7-Bob Allen, Piano Stylist
7:15-Sportsman's Corner
7:30-Paraders; Sports Review —John Wolohan's Orchestra —News Flashes; 9:15, Quartette 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. Assoc. Broadcasters, Oakland, C 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 program 4—The Old Raiah 4:30—The Old Bachelor 4:45—Handwriting Analysis 4:45—Handwriting Analysis 5::15—Si and Elmer 5::30—Health Talk; 6, Smile Club 6::30—Columbia News Page 6::45—Ernie Smith's Sport Page 7.15—Italian News Broadcast
7.15—Italian News Broadcast
7.30—KTAB Capers
8.30—Hal Girvin's Band
8.45—Cecil and Sally (Elec. Trans.) 9—Souvenirs 9:30—Lee Baker, Songs 9:45—News Flashes 10—Kelli-Widner Orchestra 10:30—Organ Concert 11 to 12 mid.—Records

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.—Musical Impressions 6:15—Franco's Program 6:30-Fed. State Market Reports 6:45-Farmers Exchange —U. S. Weather Forecast 7:03—Radio News and Forum 7:30—Dr. C. B. Sylvester 8-Old Church Choir Songs 9-Gene Mancini, tenor 6:30—Federal Business Talk 9:15—Mabel Adams, vocalist 6:45—Melody Mixers 9:30—Musical Readings 7:15—Review of Activities of the 9:45 to 10 P M.—Studio programs

491.5 Meters KFRC Prospect 0100 610 Kcys. 1000 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Records; Stocks 7:30—Early Morning Exercises 8—Popular Selections 8:15—CBS, Sunny Side Up 8:15—CBS, Sunny Side Up
8:30—Popular Selections
8:45—CBS, Academy of Medicine
8:55—Talk, Vidacrin Laboratories
9-Voice of Experience
9:15—CBS, Connie Cates, songs
9:30—Ruth Adams, Cooking School
9:45—George Scherban's Orchestra 10-Little French Princess 10:15-Frances Lee Barton 10:15—Frances Lee Barton
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
12:55—Vidacrin Talk
12:55—Vidacrin Talk 1-Women's Institute of the Air 1:15—Curtis Institute of Music 1:30—N. Y. Stocks 1:35—CBS, Amer. Legion Speaker 1:45—CBS, Artist Recital 1:49—CBS, Artist Recital
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Sweet Music
3:45—CBS, Memory Lane
4—Popular Selections 4—Popular Selections
4:15—CBS, Texas Rangers
4:30—Talk, Vidacrin
4:35—CBS, Texas Rangers
4:45—Lost and Found Items
4:50—Records; Town Topics
5—Children's Radio Theatre 5:15-CBS, Organalities 5:30--CBS, Organiantes 5:30--Charlie Lung and his Gang 5:45--Uncle Louie's Pet Shop 6-CBS, Philadelphia Symphony 6:15--CBS, Andre Kostelanetz Presents sents 6:45—CBS, The Mystery Guild 7—CBS, Camel Program 7:30—Globe Headlines 7:45—CBS, Myrt and Marge 8—CBS, Harlem Serenade 8:15—CBS, Elmer Everett Yess 8:30—CBS, Singin' Sam 0-45-76 All Star Revue 9:15—Blue Monday Jamboree 10—News Editor of the Air

10:10—General Mills, talk 10:15 to 12 midnight—Dance Music 340.7 Meters KLX Lake. 6000 1000 Watts 340.7 Meters KLX Lake. 6000
880 Kcys. 1000 Watts
Tribune Pub. 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, pianist
3:30—News Flashes; Records
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 -News Items 7:30—Los Tres Caballeros 7:45—Sports Hi-Lights 7:45—Sports Hi-Lights
8—Mabel French
8:15—M. Jay Goodman, tenor
8:30—Jack Manley, violinist
8:45—Eleanor Nielson, soprano
9—Nevada Nite Herders
9:30—Bungling Bunglers
9:45—Helen Parmelee, pianist
10—Freddie Skinner
10:30 to 11 P.M.—Dance Program

333.1 Meters KHJ VAndike 7111 285.5 Meters KNX Hemp. 4101 325.9 Meters KOMO Elliott 5890 25,000 Watts 920 Kcys. KOMO 500 Watts Don Lee Broadcast. System, L. A., Cal. 7 A.M. to 5-Various Programs 6 P.M.—Dick Aurandt, Organist 5:15—H-Bar-O Rangers 5.15—H-Bai-O Rangers
5.45—To be announced
6—CBS, Philadelphia Orchestra
6:15—CBS, programs to 7:30
7:30—Globe Headlines
7:45—CBS, Myrt and Marge 7:45—CBS, Myrt and Marge 8—CBS, Harlem Serenade 8:15—CBS, Elmer Everett Yess 8:30—CBS, Barbasol Program 8:45—Union Oil Program 9:15—Blue Monday Jamboree 10—News Items 10:10—Dance Orchestras 12 to 1 A M.—Recordings

225.4 Meters KGB Franklin 6151 1330 Kcys. 1000 Watts Don Lee Broadcast. System, S. D., Cal. 7 A.M to 5 P.M.—Various programs 5 P.M.—Town Topics 5:05—Chamber of Commerce 5:15—Recordings; Safety Talk 5:30—Charlie Lung's Gang 5:45—Eb and Zeb 6—CBS, Philadelphia Symphony 6-USS, Philadelphia Symphony 6:15-USS, Andre Kostelanetz 6:45-USS, Colum Dram. Guild 7-USS, Camel Program 7:30-Globe Headlines 7:45-Myrt and Marge 8—Tarzan 8:15—CBS, Elmer E. Yess 8:30—CBS, Singin' Sam 8:45—76 All Star Revue 9:15—Blue Monday Jamboree 9:13—Bite Monday Jambore:
10.—World-wide News
10:10—Melodies Organistique
10:30—Dance Orchestra
11:30—Organ Recital
12 to 1 A.M.—Recordings

468.5 Meters KFI Richm'd 6111 50,000 Watts 640 Kcys. Earle C. Anthony, Inc., Los Angeles Earle C. Anthony, Inc., Los Angeles 6:45 A.M. to 5—Various programs 5 P.M.—NBC, Rudy Vallee Orch. 6—NBC, Capt. Henry's Showboat 7—NBC, Paul Whiteman's Orchestra 8—NBC, Amos 'n' Andy 8:15—NBC, Standard Symphony Hr. 9:15—To be announced 9:30—Eno Crime Clues 10—NBC, Richfield Reporter 10:15—Comedy Stars of Hollywood 10:30 to 12 mid.—Dance Music

499.7 Mtrs. KFSD Franklin 6353 600 Kcys. KFSD Franklin 6353 600 Kcys. Airfan Radio Corp., Ltd., San Diego 7:30 A.M. to 1—Various Programs 1 P.M.—Stock Reports 1:15--NBC, Political Discussions 1:45—Studio program 2:30—NBC, Al Pearce and Gang 2:30—NBC, AI Fearce and Gang
3:35—Studio program
3:15—NBC, Waldorf-Astoria
3:30—NBC, John B. Kennedy
3:45—NBC, Univ. of California
4—NBC, Twenty Fingers of Harmony; Orchestra
4:20—NBC, Concert Footlites mony; Orchestra
4:30—NBC, Concert Footlites
5-Studio; 5:55, The Last Word
6—NBC, Capt. Henry's Showboat
7-Stevensville Folks
7-Stevensville Folks 7:15—Popular program
7:30—YMCA Harmonica Band
8—Chamber of Commerce Program 8:15—Angelita 8:36—Voice, Violin and Piano 9—To be announced 10—NBC, Richfield News Flashes 10:15 to 12 mid.—Dance Music

6:45 A.M. to 5-Various Programs 5 P M.—Storytown Express 5:15—Mary Kirk and Organ 5:15—Mary Kirk and Organ 5:30—Bouquet of Memories 5:45—Health Talk; News 6:15—Mayfair Hotel Ensemble 6:30—King Cowboy 6:45—Chandu the Magician 7—Frank and Archie 7:15—Singing Guardsmen 7:30—Elvia Allman 7:45-Lawrence King 8-Varieties 8:15-Stuart Buchanan, skit 9:15—Cap. Dan'l Treasures 9:45—Orchestra 10 to 11 P.M.-Paris Inn Orchestra

508.2 Meters KHQ Main 5383 1000 Watts 590 Kcys. Louis Wasmer, Inc., Spokane, Wash. Louis Wasmer, Inc., Spokane, Wasl
7 A.M. to 1—Various Programs
1 P.M.—NBC, Betty and Bob
1:15—Studio program
2—NBC-KGO Program to 3:15
3:15—Club Bulletin
3:39—Business and Pleasure
4—NBC-KGO Programs to 4:45
4:45—Tull & Gibbs
5—NBC-KGO Programs to 9:15
9:15—National Grocery
9:39—NBC-KGO Programs to 10:3 9:30-NBC-KGO Programs to 10:30 10:30—Radio Specials 11 to 12 mid.—Dance Music

526 Meters KVI Broadway 4211 1000 Watts 570 Kcys. Puget Sound Broadcast. Co., Tacoma 6 A.M. to 6—Various Programs 6 P.M.—Philadelphia Symphony 6 A.M. to b—various Fit 6 P.M.—Philadelphia Syr 6:15—CBS programs 7—CBS, Camel program 7:30—Dr. Mellor 7:45—Myrt and Marge 8-South Americans 8:15—Elmer Everett Yess 8:39—Singin' Sam 8:45—76 All Star Revue 9:15—Blue Monday Jamboree 10 to 12 mid .- Dance Music

322.4 Meters KROW Glenc. 6774 930 Kcys. KROW Watts Educa. Broad. Corp., Oakland, Calif. Educa. Broad. Corp., Oakland, Calif. 7 A.M. to 5:30 — Various Programs 5:30 P.M.—Eat your way to Health 6—Dell Perry, pianist 6:15—Walk-a-thon 6:30—Organ Echoes 7—Tom King, Crime News 7:15—Sports; The Musicale 8—Headlines—News 8:15_Low Months of the Corp. 8:15—Ice Hockey 9:30—Cumberland Hillbillies 10 to 12 mid .- Dance Music 265 Meters

KSL Wasatch 3901 50,000 Watts 1130 Kcys. Radio Serv. Corp. of Utah, Salt Lake Radio Serv. Corp. of Utah, Salt Lak 6 A.M. to 6:45 P.M.—Various prog. 6:45 P.M.—Elec. transcriptions 7—CBS, Camel Program 7:30—Crazy Crystals Program 7:45—CBS, Myrt and Marge 8—Famous Furniture Stories 8:15—CBS, Programs to 8:30 8:30—CBS, Singin' Sam 8:45—CBS, Orchestra 9—Romance of Mary and John 9:15—Blue Monday Jamboree 10—Dick Aurandt, Organist 10:30 to 11 P.M.—Dance Music

1050 Kcys. AIVA 25,000 Watts 920 Kcys. AUVIU 1000 Watts Western Broadcast Co., Los Angeles Fisher's Blend Station, Inc., Seattle risher's Blend Station, Inc., Se 7 A.M. to 1—Various Programs 1 P.M.—NBC, Betty and Bob 1:15—Vindabonians 1:45—Modern Melodies 2—NBC, Al Pearce and Gang 3—Proctor's: Betty 3:15—Melodies and Memories 3:45—Songs New and Old 4—20 Fingers of Harmony 4:15—Darce Masters 4:15—Dance Masters 4:30—Pastel Harmony 4:30—Pastel Harmony
4:45—Engineering Thrills
5—NBC-KGO Programs to 9:30
9:30—Crazy Wells program
9:45—Male Quartet
10—NBC, Richfield News Flashes
10:15 to 12 mid.—Dance Music

> 483.6 Meters KGW Atwater 2121 620 Kcys. 1000 Watts Morning Oregonian, Portland, Ore. 1000 Watts 7 A.M. to 12—Various Programs 12 noon—F A. Cook News 12:15—NBC, Farm and Home 1—NBC, Bob and Betty 1—NBC, Bob and Betty
> 1:15—Mark Daniels, baritone
> 1:30—Parker Dental Clinic
> 1:45—Mary's Friendly Garden
> 2—NBC, Al Pearce and his Gang
> 3—Radio Reporter
> 2:55 3---Mailo Reporter 3:05---Waldorf-Astoria Orchestra 3:15---As If By Magic 3:20---Friendly Chat 4 to 12 mid.---NBC-KGO Programs

309.1 Meters KJR 970 Kcys. 5000 Watts Northwest Broad. System, Seattle, Wn. 7:30 A.M. to 1-Various Programs 1 P.M.—Cowboy Joe 1:15—Melodies and Memories 1:45—Songs New and Old 2—Vindabonians 2:30—Recorded program 3—NBC Programs to 4 -Steamboat Bill 4:15—Preschool Asso. Interviews 4:30—Melodic Moods 5—Recorded Programs 6—Viennese Vagabonds 6:30-Washington H. S. Reporter 6:35—Washington H. S. R 6:45—Dinner Dansant 7:15—Around the Town 7:30—General Harmonizers 7:45-Dollars and Cents 8-Mischa Guterson's Orchestra 8:30—Singing Stars 8:45—Watanabe and Archie 9—Merrie Maniacs; Big Ten 10 to 12 mid.—Dance Music

236.1 Meters KOL Main 2312 1270 Kcys. 1000 Watts Seattle Broadcast. Co., Seattle, Wash. Seattle Broadcast. Co., Seattle, Was 6:45 A.M. to 5—Various Programs 5 P.M.—'Fan-O-Gram'
5:15—Radio Theatre of the Air 5:30—Studio program 6—CBS, Philadelphia Symphony 6:15—Sports Review 6:30—CBS, Andre Kostelanetz 6:45—Smiling Eddie Marble 7—CBS. Camel Program 7:30—Radio Speaker Stevenson 7:45—CBS, Myrt and Marge 8—Hollywood Newshawk 8:15—CBS, Phymouth Program 8:30—CBS, Singin' Sam 8:45—''76 All-Star Revue'' 9:15—Globe Trotter 9:30—Hockey Game 10:30—American Weekly 10:30—American Weekly 10:45 to 12 mid.—Dance Music

FRIDAY Programs.

379.5 Mtrs. NBC-KGO Sutter 1920 7500 Watts National Broadcast. Co., San Francisco National Broadcast. Co., San France 7 A.M.—Tony Cabooch 7:15—Organ; Financial Service 7:45—Exercise and Applesauce 8:15—Log o' the Day Crosscuts 9:30—Arion Trio 10—Sixth Coast Artillery Band 10:30—Magazine of the Air 11:30—The Rhythm Rascals 11:45—Friday Steeplechase 12:10 p.m.—Financial Flashes 12:15—Farm and Home Hour 1—Betty and Bob 1:15—Rhythmic Serenade 1—Betty and Bob
1:15—Rhythmic Serenade
1:30—Oxydol's Own Ma Perkins
1:45—Modern Columbus
2—Al Pearce and His Gang
3—Langendorf Pictorial
3:15—Xavier Cugat's Orchestra
3:30—Tin Pan Allies
4—The Well Dressed Woman
4:15—Arion Trio
4:30—Studio Chatter
5—Balladettes, soloist and Orch 4:30—Studio Chatter
5—Balladettes, soloist and Orch.
5:30—Billy Batchelor
5:45—L4ttle Orphan Annie
6:30—Armour Program: Phil Baker
7:30—Tim and Irene
7:45—The Headline Hunter
8—Amos 'n' Andy
8:15—Gilmore Circus
9:15—To be announced
9:45—Harry Sosnick Orchestra
10—Richfield News Flashes 10—Richfield News Flashes 10:15—Anson Weeks' Orchestra 11:Tom Coakley's Orchestra 11:30 to 12 mid.—Organ Concert

440.9 Meters KPO Sutter 1920 50,000 Watts National Broadcast. Co., San Francisco 7:30 A.M.-The Story Singer 7:45-Organ Concert 8—Music Appreciation Hour 9—Johnnie Toffoli, accordionist 9:15—Julia Hayes, beauty talk 9:35—Organ Concert 9:45-News 9:45—News
10—Alvino Rey, gultarist
10:15—Christmas Gifts from Kitchen
10:30—Dr. Wynne's Health Talks
10:35—Melody Mixers
11—Magic of Speech
11:30—Paul Carson, organist
11:45—Agricultural Bulletin
12:noon—State Dept. of Agriculture
12:15—Stringwood Ensemble
12:45—Commonw'lth Club Luncheon
1:30—Ann Warner's Chats
2—Norman Cloutier's Orchestra
2:30—News; 2:45, The Big Top
3—Dr. Copeland's Health Talks
3:05—Xavier Cugat's Orchestra
3:15—Mud Caves: dramatic serial
3:30—Three X Sisters, vocal trio
3:45—Univ. of California Program
4—Dance Masters
4:30—Bisquick Program 10-Alvino Rey, guitarist 4:30-Bisquick Program 4:30—Bisquick Program
4:35—Arion Trio
4:45—For Girls and Boys Only
5:15—Souvenirs: organ, guitar, tenor
5:45—News; 6. Evening Prelude
6:30—Paul Martin, banjoist, and
Katherine Julye, harpist
6:45—Detectives Black and Blue
7—The Clef Dwellers
7:15—Tarzan of the Apes
7:30—Sports Revue
7:45—Bisquick program

7:45-Bisquick program

7:50—Charles Hart, instrumentalists 8:15—Red Davis: dramatic sketch 8:30—Eno Crime Clues 9—Ralph Kirbery, vocalist 9:05—Ted Weems' Orchestra 9:15—Waltz Time 9:45—Concert Miniature 10—Football Rally 10:30—Out of the East 11—Ambassador Hotel Orchestra

11:30 to 12 Mid .- Tom Gerun 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-Hawaiians; Organ Recital 1-Afternoon Concert International Troubadors 2—International Troubadors
2:30—Mobile Moaners
2:45—Organ Matinee
3:45—Pollock and Lawnhurst
4—Artist Celebrities
4:15—Symphony Highlights
5—Sunset Revue
5:45—Campbell Digest
6—Robert Saxe, soloist
6:15—Waltz Idylls
6:45—Eb and Zeb
7—Bob Allen, Piano Stylist
7:15—Royal Quartet, King's M 7—Bob Allen, Plano Stylist 7:15—Royal Quartet, King's Men 7:30—Musical Whims 8—John Wolohan's Orchestra 9—News: 9:15. Symphonic Jazz 9:30—Milly and Billy 9:45—Edgewater Hotel Orchestra 10-Organ Serenade

340.7 Meters KLX Lake. 6000 1000 Watts 880 Kcys. Tribune Pub. 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—Better Business Talk
2:40—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—Covered Wagon
5:30—News; Famous Campers
5:45—Lovable Liars
6—Hotel Oakland Trio; News sic; News -Hotel Oakland Trio; News 7:30—Meryln Morse, tenor 7:45—Helen Parmelee, planist 8—KLX Hi-Jinks 10—Fred Skinner 10:30 to 11 P.M.-Dance Program

11 to 12 Mid .- Concert Memories

225.4 Meters KGB Franklin 6151 1330 Kcys. 1000 Watts Don Lee Broadcast. System, S. D., Cal. Don Lee Broadcast. System, S. D., Cal 7 A.M. to 5—Various Programs 5 P.M.—Town Topics; Records 5:30—CBS, March of Time 6—Philadelphia Symphony Orch. 6:15—CBS, Threads of Happiness 6:30—All American Football Show Swift Revue 7:30—Globe Headlines 7:45—CBS, Myrt and Marge 8—CBS, Gladys Rice and Orchestra 8:15—Recordings 8:15—Recordings
8:30—CBS, Edwin C Hill
8:45—CBS, Dance Music
9:30—'Catherine the Great''
10—World-wide News
10:10—Dance Orchestra
11:30—Organ Concert

491.5 Meters KFRC Prospect 0100 1000 Watts 610 Kcys. Don Lee Broadcast. System, S. F., Cal. 7 A.M.-Records; Stocks 7 A.M.—Records; Stocks
7:30—Early Morning Exercises
8—Popular Selections
8:30—CBS, Tony Wons, Philosopher
8:45—CBS, Dancing Echoes 8:45—CBS, Dancing Echoes
9—CBS, Voice of Experience
9:15—CBS, Gypsy Nina
9:30—Betty Crocker
9:45—CBS, George Hall's Orchestra
10—The Little French Princess
10:15—CBS, The Playboys
10:25—Vidacrin, Talk
10:30—CBS, Easy Aces
10:45—Prudence Penny
11—CBS, Just Plain Bill
1:15—Romance of Helen Trent 10-CBS, Just Plain Bill
11-CBS, Just Plain Bill
11:15—Romance of Helen Trent
11:30—Philadelphia Orchestra
12 noon—Noonday Concert
12:55—Vivadcrin, talk
1—Discovery Hour
1:30—Closing N. Y. Stocks
1:35—CBS, U. S. Army Band
2—Happy Go Lucky Hour
3—Feminine Fancies
3:30—Sweet Music
3:45—CBS, Memory Lane
4—Hodge Podge Lodge
4:30—Vidacrin, Talk
4:35—N. Y. Stocks
4:40—Popular Selections
4:45—Lost and Found Items 4:40—Popular Selections
4:45—Lost and Found Items
4:50—General Mills, talk
4:55—Town Topics; 5, Records
5:15—H-Bar-O Rangers
5:30—CBS, March of Time
6—Philadelphia Orchestra
6:15—Threads of Happiness
6:30—All American Football Show 6:30—All American Football Show
7:—CBS, Swift Revue
7:30—Globe Headlines
7:45—CBS, Myrt and Marge
8:-CBS, Gladys Rice and Orchestra
8:15—S & W Mellow'd Melodies
8:30—CBS, Edwin C Hill
8:45—CBS, Isham Jones' Orchestra
9—Dance Music
9:30—Catherine the Great (tentative) 9-30—Catherine the Great (tentative) 10—News Editor of the Air 10:10—Talk, General Mills 10:15—Dance Music

535.4 Meters KTAB Garfield 4700 560 Kcys. 1000 Watts Assoc. Broadcasters, Oakland, Co 7 A.M. to 1—Various Programs 1 P.M.—Radio Frolic 1:30—Over the Teacups 2—News; 2:15, Town Crier 3.30—Beauty Talk; 3:45, Studio 4—The Old Rajah 4:30—Studio program 5—Dr. Brinkley 5:15—Studio Program 5:30—Health Talk 6—Smile Club Assoc. Broadcasters, Oakland, Calif. 5:30—Health Talk
6—Smile Club
6:30—Columbia News Page
6:45—Ernie Smith's Sport Page
7—Dot Kay, vocalist
7:15—Italian News Broadcast
7:30—Organ Concert 7:45—London Fantasy 8:15—American Weekly Drama 8:30—Fishing Fool 8:45—Cecil and Sally (Elec. Trans.) 9—Souvenirs

9--Souvenirs 9:30--Jerry Wilford, Poetry, Music 9:45--News Flashes 10--X Bar B Boys 10:30--Don Steele, tenor; organ 11 to 12 mid -Studio program

11:30 to 12 mid .- To be announced

12 to 1 A.M.-Recordings

468.5 Meters KFI Richm'd 6111 50,000 Watts Earle C. Anthony, Inc., Los Angeles 6:45 A.M. to 5—Various programs 5 P.M.—Jimmie West Coast 5:15—NBC, Balladettes 5:30—NBC-KGO Programs to 7:30 Melodies Operatic 7:45—Frank Luther's Adlerikans 8—NBC, Amos 'n' Andy 8:15—NBC, Gilmore Circus 9:15—NBC program 10—NBC, Richfield Reporter 10:15 to 12 mid.—Dance Music

333.1 Meters KHJ VAndike 7111 1000 Kcys.

Don Lee Broadcast. System, L. A., Cal. 7 A.M. to 5—Various Programs 5 P.M.—Western Clock 5:105—To be announced 5:15—H-Bar-O Rangers 5:30—CBS, "March of Time" 6—CBS, Philadelphia Orchestra 6:15—CBS, "Threads of Happiness" 6:30—CBS, All American Show 7—CBS, Olsen and Johnson 7:30—Globe Headlines 7:45—CBS, Myrt and Marge 8—Home Owners of So. California 8:15—S & W Mellow'd Melodies 8:30—CBS, Edwin C. Hill 8:45—CBS, Isham Jones' Orchestra 9—Tapestries of Life 9:30—Catherine the Great (tentative) 10 to 12 mid.—Dance Music

483.6 Meters KGW Atwater 2121
1620 Kcys. 1000 Watts
Morning Oregonian, Portland, Ore.
7 A.M. to 12—Various Programs
12 noon—F. A. Cook News Flashes
12:16—NBC, Farm and Home Hour
12:45—O. M. Plummer
1—General Mills program
1:15—NBC, Rnythmic Serenade
1:30—Parker Dental Clinic
1:45—Mark Daniels, baritone
2—NBC, Al Pearce and his Gang
3—Krazy Limericks
3:05—Waldorf-Astoria Orchestra
3:15—As If by Magic
3:20—Friendly Chat
4:15—NBC-KGO Programs to 5:10
5—Gems of Thot
5:05—NBC, Balladettes
5:10—Adele's Cafe
5:15—Collins & Erwin
5:30—NBC-KGO Programs to 7:30
7:30—Montag Fireside Hour
8—NBC-KGO Programs to 9:45
9:45—Portland Cleaning Works
9:50—Orchestra; 10, News
10:15—Memory Singer
10:20 to 12 mid.—Dance Music

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322.4 Meters KROW Glenc. 6774
930 Kcys. 1000 Watts
Educa. Broad. Corp., Oakland, Calif.
7 A.M. to 6—Various Programs
6 P.M.—Recordings
6:15—Dell Perry, planist
6:30—Organ Echoes
7—"Solomon and Sullivan," skit
7:15—Sports Review
7:30—The "Ne'er Do Well"
8-Headlines—News
8:15—Watch Tower Program
8:30—Radio Playmakers
9-Wrestling Matches
10:30 to 12 mid.—Dance Music

280.2 Meters KJBS Ord. 4148-49 1070 Kcys. J. Brunton & Sons, San Francisco 6 A.M. to 4:45—Records; News 4:45 P.M.—Silent period 12:01 to 6 A.M.—Owl Program

296.6 Meters KQW 500 Watts
Pac. Agric. Foundation, Ltd., San Jose
7 A.M. to 6—Various Programs
6 P.M.—Musical Impressions
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
7:30—Chamber of Commerce
7:45—Band Concert
8—San Jose Accordion Club
8:30—Orchestra; Fireside Program
9:30—Mauna Keans
10—Examiner Drama

10—Examiner Drama

499.7 Mtrs. KFSD Franklin 6353
600 Kcys. 1000 Watts
Airfan Radio Corp., Ltd., San Diego
7:30 A.M. to 5—Various Programs
5 P.M.—Better Business Bureau
5:05—NBC, Balladettes
5:30—Studio program
6—Safety Talk
6:05—Concert
6:45—High School Program
7—NBC, First Nighter
7:30—NBC, Soloist
7:45—NBC, Floyd Gibbons
8—Fairway Facts
8:15—L'Heure Exquise
9:15—To be announced
9:45—Confidence Man
10—Richfield News Flashes
10:15 to 12 mid.—Dance Music

526 Meters KVI Broadway 4211
570 Kcys. 1000 Watts
Puget Sound Broadcast. Co., Tacoma
6 A.M. to 6—Various Programs
6 P.M.—Philadelphia Symphony
6:15—Threads of Happiness
6:30—All-American Football Show
7—Olsen and Johnson
7:30—Dr. Mellor
7:45—Myrt and Marge
8—Gladys Rice and Orchestra
8:15—Mellow'd Melodies
8:30—Edwin C. Hill
8:45—CBS, Isham Jones' Orchestra
9—Elk's Stocking Fillers
11 to 12 mid.—Dance Music

508.2 Meters KHQ Main 5383
590 Kcys. KHQ 1000 Watts
Louis Wasmer, Inc., Spokane, Wash.
7 A.M. to 2 P.M.—Various programs
2—NBC, Al Pearce and Gang
3—Studio program
4—A. & K. Markets
4:15—NBC Program
4:30—Parade of Happy Feet
4:45—Studio programs
5:15—NBC, Balladetts
5:30—NBC-KGO Programs to 7:30
7:30—Bob and Barbara
7:45—Theatrical Review
8-NBC, Amos 'n' Andy
8:15—Sports Review
8:30—To be announced
9:45—Frank and Archie
10—NBC, Richfield News
10:15—NBC, Anson Weeks' Orch.
10:30—Radio Specials
11 to 12 mid.—Dance Music

325.9 Meters KOMO Elliott 5890
920 Kcys. 1000 Wetts
Fisher's Blend Station, Inc., Seattle
7 A.M. to 1—Various Programs
1 P.M.—NBC, Betty and Bob
1:15—NBC, Rhythmic Serenade
1:30—Cowboy Joe
1:45—Easy Chair, Grant Merrill
2—NBC, Al Pearce and his Gang
3—Proctor's Betty
3:25—Capt. Sanislo; Red Shadow
3:45—NBC-KGO Programs to 5
5—NBC, Balladettes
5:15—Male Quartet
5:30—NBC, Billy Batchelor
5:45—NBC, Little Orphan Annie
6—NBC-KGO Programs to 7:30
7:30—Montag Fireside Hour
8—NBC, Amos 'n' Andy
8:15—NBC, Gilmore Circus
9:45—Happiness Program
10—NBC, Richfield News Flashes
10:15—The King's Men
10:30 to 12 mid.—Dance Music

SATURDAY Programs.

379.5 Mtrs. NBC-KGO Sutter 1920
790 Kcys.
National Broadcast. Co., San Francisco
At M. Edward MecHydr. Cospol.
32:15—Babes in Hollywood
2:30—Three Scamps, vocal trio
2:45—The Big Top
3—Xavier Cugat's Orchestra 7 A.M.-Edward MacHugh, Gospel Singer 7:15—Morning Parade 7:30—Financial Service 7:30—Financial Service
7:45—Exercise and Applesauce
8:15—The Vass Family: vocalists
8:30—Stopak and Honti
9—Down Lovers Lane
9:30—Amer. Farm Bureau
10:30—Magazine of the Air
11:30—Concert Echoes
12 noon—Financial Flashes
12:05—Edna Fischer, planist
12:15—Western Agriculture
1—Dance Masters 12:15—Western Agriculture
1—Dance Masters
1:30—Melody Mixers
2—To be announced
4:45—Engineering Thrills
5—Economics in the New Deal
5:30—Billy Batchelor
5:45—Little Orphan Annie
6—Jack Pearl, the Baron
6:30—Football Scores
6:35—Jamboree, variety show
7—Saturday Night Dancing Party
8—Caswell Concert
8:15—Happy Tunes
8:30—Hollywood on the Air
9—Nathan Abas, violinist
9:30—Anson Weeks' Orchestra
10—Club Villa Orchestra
10:30—Serenata: orchestra 10—Club vina Orchestra
10:30—Serenata: orchestra
11—Tom Coakley's Orchestra 11:30 to 12 midnight-Slumber Hour

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
1—Afternoon Concert 1—Afternoon Concert
1:30—Hawalian Entertainers
2—Rhythmic Ripples
2:45—Organ Matinee
3:45—Artist Celebrities
4—Symphony Highlights
4-55 Tally 4—Symphony Highlights
4:55—Talk
5—Sunset Revue
5:45—Campbell Digest
6-Paraders; 6:15, Waltz Idylls
6:45—Rhythm Princes
7-G. Donald Gray, Virginia Miller
7:30—Broadway Reflections
8—John Wolohan's Orchestra
9-Harmony Girls
9:15—Hotel Whitcomb Orchestra
10—Organ Serenade 10-Organ Serenade 11 to 12 Mid.—Concert Memories

440.9 Meters KPO Sutter 1920 50,000 Watts National Broadcast. Co., San Francisco 7:30 A.M.-Morning Parade 8--Four Southern Singers 8:15--Log o' the Day Crosscuts 9:15--Sax-o-Tunes, Mickey Gillette 9:45--News; 10, Organ Concert 9:45—News; 10, Organ Concert
10:30—Merrie Men, male quartet
10:45—Smackout: comedy & songs
11—Musical Originalities
11:30—Arion Trio
11:45—Agricultural Bulletin
12 noon—Words and Music
12:30—Wealth of Harmony
12:45—Comedy Stars of Hollywood
1—News 1---News 1:15—John and Ned 1:30—Concert Favorites 2—Ward & Muzzy, pianists

3:30—Phil Spitalny's Orchestra 3:45—Meyer Davis' Orchestra 4:15—Religion in the News 4:30—Trio Romantique 5:30—Sous Les Ponts de Paris 6—Musical Echoes 6:30—Education at Crossroads 6:45—Souvenirs of Song 6.45—Souvenirs of Song 7.15—Borenirs Kramarenko's Orchestra 7.30—Tom Gerun's Orchestra 8—The Music Counter 8.30—Piano Pals 9—Carefree Carnival 10—Charles Hart, instrumentalists 10:30—Blue Moonlight 11—Ambassador Hotel Orchestra 11:30 to 12 Mid -Organ Concert 535.4 Meters KTAB Garfield 4700

1000 Watts 560 Kcys. Assoc. Broadcasters, Oakland, Calif. 7 A.M. to 1—Various Programs 1 P.M.—Concert—Ensemble

1 F.M.—Concert—Ensemble 1:30—Studio program 2—Ye Old Town Crier 3—Madelon Sevier, violinist 3:30—Studio Program 4—Young Peoples Program 4:30—The Old Bachelor 4:30—The Old Bachelor
4:45—Handwriting Analysis
5—Post Enquirer Funnies
5:15—Si and Elmer
5:30—Travelogue; 6, Organ Recital
6:30—Columbia News Page
6:45—Ernie Smith's Sport Page -Dot Kay 7:15—Italian News Broadcast 7:30—Julie Foster and Elbert La Chelle 7:45-Studio Program -Home Favorites 8—Home Favorites 8:30—Song Composers 8:45—Studio; 9, Souvenirs 9:30—Lee Baker, songs 9:45—News Flashes 10—Kelli-Widner Orchestra 10:30-Studio program 11-Hal Girvin's Band 11:30 to 12 mid.—Records

340.7 Meters Lake. 6000 KLX 1000 Watts 880 Kcys. Tribune Pub. Co., Oakland, Calif. 8 A.M. to 12—Records; Stocks; Music; News sic; News
12 noon—Bill Duncan's Band
1—Jean's Hi-Lights
2—Recordings; News
2:45—Jean Ardath, pianist 3-Recordings; News 4:15-Brother Bob's Club 4:45-Recordings 5:30—Helen Parmelee, pianist 6—Hotel Oakland Trio 7—News; 7:30, Tropical Serenaders 8-Musical Soiree 9-Faucit Theater of the Air 9:30-Soprano and Tenor Soloists 10-Bob Kinney's Band 11 to 12 mid —Dance Program

280.2 Meters KJBS Ord. 4148-49 1070 Kcys. 100 Watts J. Brunton & Sons, San Francisco 6 A.M. to 4:45—Records; News 4:45 P.M.—Silent period 12:01 to 6 A.M.—Owl Program

491.5 Meters KFRC Prospect 0100 610 Kcys. Prospect 0100 Watts Don Lee Broadcast. System, S. F., Cal. 7 A.M.—Records; Stocks
7:30—Early Morning Exercises
8—CBS, N Y. Philharmonic Children's and Young People's Concert
9—Junior Artist Program
10—Mickey Mouse, child drama
10:30—CBS, Harold Knight's Orch.
10:45—Prudence Penny
11—CBS, Artist Recital
11:30—CBS, Dancing Echoes
12 noon—Noonday Concert
12:55—Vidaerin, talk
1—CBS, Saturday Syncopators
1:30—N Y. Stock Quotations
1:35—CBS, Mischa Raginsky Ensemble 7 A.M.—Records; Stocks semble
2—CBS, Eddie Duchin & Orchestra
2:30—Recordings
2:45—CBS, Spanish Serenade 2:45—CBS, Spanish Serenade
3—CBS, Meet the Artist
3:15—CBS, Mildred Bailey
3:30—Popular Selections
3:45—CBS, Geo. Scherban's Orch.
4—CBS, Frederic William Wile
4:15—CBS, Lyle Smith's Orchestra
4:30—Lost and Found Items 4:35—Town Topics 4:40—Church Announcements 4:45—CBS, Elder Michaux 5—Dance Music 5—Dance Music
5:15—CBS, Fray and Braggiotti
5:15—CBS, Fray and Braggiotti
5:30—CBS program
6—CBS, Philadelphia Orchestra
6:15—CBS, program
6:30—To be announced
7—CBS, Byrd Antarctic Expedition
7:30—CBS, Col. News Service
7:45—CBS, Leaders in Action
8—Georgie Jessel
8:15—CBS, Elmer Everett Yess
8:30—CBS, Glen Gray's Orchestra
9—CBS, Abe Lyman's Orchestra
9:30—Musical Program
10—News Editor of the Air 10-News Editor of the Air 10:10—Dance Orchestra 11—Gus Arnheim's Orchestra 11:30 to 12 mid.—The Bowery

322.4 Meters KROW Glenc. 6774 930 Keys. Glenc Watts Educa. Broad. Corp., Oakland, Calif. 7 A.M. to 5:30—Various Programs
5:30 P.M.—Eat Your Way to Health
6—Dell Perry, planist
6:15—Walk-a-thon
6:30—Organ Echoes
7—Sally Snow Hilberly 6:30—Organ Echoes
7—Sally Snow, Hillnelly
7:15—Sports Review
7:30—The "Ne'er Do Well"
8—Headlines—News
8:15—Current Reactions
8:30—Royal Hawaiians
9—Italian Program
10 to 12 mid.—Dance Music

296.6 Meters KQW Ballard 777 500 Watts 1010 Kcys. Pac. Agric. Foundation, Ltd., San Jose 7 A.M. to 6—Various Programs 6 P.M.—Musical Impressions 6:15—Franco's Program 6:30-Band Music 6.35—Farmers Exchange 7—U. S. Weather Forecast 7:03—Radio News and Forum 7:05—Twenty-five Minutes in Paris 7:30-Soul of Portugal -Music Lovers' Half-Hour 8:30—Spanish Melodies 8:45—Italian Program 10—Hotel St. Claire Orchestra

285.5 Meters KNX Hemp. 4101 25,000 Watts Western Broadcast Co., Los Angeles 6:45 A.M to 2—Various Programs 2 P.M.—To be announced 5:45—Bouquet of Memories 6—News; Lite Concert 6:30—King Cowboy 6:45—Chandu the Magician 7—Frank and Archie 7:15—Phil Musgrave, 'cellist 7:30—Elvia Allman and Band 7:45—Lawrence King and Band 8—Jack Carter's Varieties 9—News Service 9:15—Musical Transcription 9:30—Viennese Nights 10 to 11 P.M.—Dance Bands

468.5 Meters KFI Richm'd 6111 50,000 Watts Earle C. Anthony, Inc., Los Angeles 6:45 A.M. to 1:30—Various progs. 1:30 P.M.—NBC, Melody Mixers 2:15—To be announced 4:45—NBC, A. C. Gilbert Program 5-Rev. Charles E. Fuller 5:30—NBC, Billy Batchelor 5:45—NBC, Little Orphan Annie 6—NBC, Baron Munchausen 6:30—Clarence Muse, baritone 6:45—Frank Luther's Adlerikans 7—NBC, Saturday Night Dancing Party 8—NBC, Caswell Coffee Concert 8:15—Seven Seas 8:30—Hollywood Looking Glass 8:45—Paul Roberts, songs 9—L. A. Philharmonic Orchestra 10—NBC, Club Villa Orchestra 10:30 to 12 mid.—Dance Music

309.1 Meters KJR Seneca 1515
570 Kcys. Morthwest Broad. System, Seattle, Wn.
7:30 A.M. to 1—Various Programs
1 P.M.—Dance Masters
1:30—Children's Matinee
2—Headliners, recorded
2:30—'Over the Skyways,'' talk
2:45—Winnifred Auckland
3—Shuffling Feet; records
4—Melodic Moods
4:30—Dream Melodies
5-New Deal Economics
5:30—Recorded program
6-Dinner Dansant
6:30—Washington H. S. Reporter
6:45—NBC Jamboree
7—Song Recital
7:15—Rocky Mountaineers
7:45—Creole Rhythm
8—Mischa Gutterson's Orchestra
8:30—Songs We Love
8:45—Watanabe and Archie
9—NBC, Carefree Carnival Hour
10—Jules Buffano's Orchestra
10:30—Blue Moonlight
11:30 to 12 mid—NBC, Slumber Hr

499.7 Mtrs.
600 Kcys.
1000 Watts
Airfan Radio Corp., Ltd., San Diego
7:30 A.M. to 12—Various Programs
12 noon—NBC, Edna Fischer
12:15—NBC, Farm and Home
1—NBC, Organ
1:15—NBC, John and Ned
1:30—NBC, Melody Mixers
2:15—To be announced
5—New Deal Economics
5:30—Studio program
6—NBC, Lucky Strike Program
6:30—NBC, The Jamboree
7—Orphans Adrift

7:15—Feature; 8, American Weekly
8:15—NBC, Happy Tunes
8:30—Hollywood on the Air
9—NBC, Club Villa Orchestra
10:30—NBC, Lippman's Orchestra
11:30 to 12 mid—NBC, Slumber
Hour

7 A.M. to 12—Various Programs
12:15—Star Furniture Co.
12:15—NBC, Dance Masters
1:30-Parker Dental Clinic

508.2 Meters KHQ Main 5383
590 Kcys. Louis Wasmer, Inc., Spokane, Wash.
7 A.M. to 1—Various programs
1 P.M.—NBC, Dance Masters
1:15—Studio Programs
1:45—Melody Mixers
2—To be announced
3:15—Studio program
5—Economics in the New Deal
5:15—To be announced
5:30—NBC, Billy Batchelor
5:45—NBC, Orphan Annie
6—NBC, Baron Munchausen
6:30—Mantle Lamp Company
7:15—American Weekly
7:30—Gill Top Minstrels
8—NBC, Caswell Coffee Company
8:15—NBC, Happy Tunes
8:45—To be announced
9—NBC, Carefree Carnival
9:45—Frank and Archie
10-Davenport Hotel Orchestra
10:30—Radio Specials
11 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.—Philadelphia Symphony
6:15—Stoopnagle and Budd
6:30—To be announced
7:30—Dr. Expedition Broadcast
7:30—Dr. Mellor
7:45—Leaders in Action
8:15—Elmer Everett Yess
8:30 to 12 mid.—Dance Music

333.1 Meters KHJ VAndike 7111 1000 Watts Don Lee Broadcast. System, L. A., Cal. 7 A.M. to 4 P.M.—Varoius programs 4—CBS, Frederick William Wile 4:15—Dorothy Miller & Norm Sherr 4:30—CBS, Clyde Lucas' Orchestra 5—Recordings 5:15—Fray and Bragglotti 5:30—CBS, George Jessel 6—CBS, Philadelphia Orchestra 6:15—CBS, Pontiac Program 6:39—To be announced 7—General Foods Program 7:30—CBS, Leaders in Action 7:45—CBS, Elmer Everett Yess 8:30—CBS, Glen Gray's Orchestra 9—CBS, Abe Lyman's Orchestra 9:30—To be announced 10—News Items 10:10—Dance Music 12 to 1 A.M.—Recordings

265 Meters ISS Wasatch 3901 1130 Kcys. Corp. of Utah, Salt Lake 6 A.M. to 6—Various Programs 6 P.M.—CBS, Philadelphia Orch. 6:15—CBS, Modern Male Chorus 6:30—Peter Spraynozzle 7—CBS, Byrd Antarctic Expedition 7:30—CBS, Columbia News Service 7:45—Crazy Water Crystals 8—Saturday Night Party 8:15—CBS Programs 9 to 11 P.M.—Dance Music

483.6 Meters KGW Atwater 212 220 Kcys.

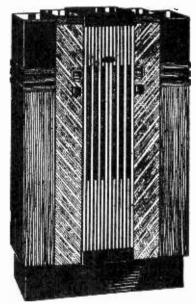
Morning Oregonian, Portland, Ore 7 A.M. to 12—Various Programs 12 noon—Oregonian of the Air 12:15—Star Furniture Co. 1:15—NBC, Dance Masters 1:30—Parker Dental Clinic 1:45—To be announced 5—Radio Reporter; Orchestra 5:10—Adele's Cafe 5:15—Collins & Erwin 5:30—NBC-KGO Programs to 6:30 6:30—Studio Programs to 8:30—Studio Programs to 8:30—Fisher's Blend Half Hour 9—Shanghai Days 9:30—Book Chat; Studio Program 10—NBC, Club Villa Orchestra 10:30—NBC, Blue Moonlight 11 to 12 mid.—Dance Music

325.9 Meters KOMO Elliott 5890
20 Kcys. Decorate Station, Inc., Seattle
7 A.M. to 1—Various Programs
1 P.M.—Clef Dwellers
1:30—NBC, Melody Mixers
2—To be announced
4:45—Engineering Thrills
5—Pastel Harmony
5:30—NBC, Billy Batchelor
5:45—NBC, Little Orphan Annie
6—NBC, Baron Munchausen
6:30—Blue Streaks, Brashen
6:45—General Harmonizers
7—NBC, Dancing Party
8—NBC, Caswell Coffee Concert
8:15—Studio program
8:30—Fisher's Blend Half Hour
9-30 Minutes of Music
9:30—W. Clock; Nocturne Russel
10—NBC, Club Villa Orchestra
10:30—Vic Meyers' Orchestra
11—Jules Buffano Orchestra
11:30 to 12 mid.—Slumber Hour

236.1 Meters KOL Main 2312
1270 Kcys. KOL 1000 Watts
Seattle Broadcast. Co., Seattle, Wash.
6:45 A.M. to 1:45 — Various Progs.
1:45—To be announced
4:15—CBS program
4:30—CBS, Clyde Lucas' Orchestra
5—Fan-O-Gram
5:15—CBS Programs to 6:30
6:30—Don Lee Feature
6:45—"It's Time to Sing Sweet
Adeline Again'
7—"Byrd Antarctic Expedition''
7:30—Radio Speaker Stevenson
8—CBS program
8:15—CBS, Plymouth Motors prog.
8:50—CBS, Glen Gray Orchestra
9—Globe Trotter
9:15—CBS Orchestras
9:45—Democratic Educ. Feature
10 to 12 mid.—Dance Music

225.4 Meters KGB Franklin 6151
1330 Kcys. Don Lee Broadcast. System, S. D., Cal.
7 A.M. to 6:15—Various programs
6:15 P.M.—CBS, Modern Chorus
6:30—Recordings
7—CBS, Byrd Expedition
7:30—To be announced
7:45—CBS, Leaders in Action
8—Tarzan
8:15—CBS programs
9—CBS, Abe Lyman's Orchestra
9:30—CBS, Ted Fio-Rito's Orch.
10—World-wide News
10:10—Dance Music
11:30—Organ Recital
12 to 1 A.M.—Recordings

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directly on the glass effectively shutting out interference.

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