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THE EDITOR'S PAGE

/HAT is radio going to do to our musical scale? With the native music e world's far places filtering into our es and the experiment of tertia-tone arter-tone themes already seriously vay among the Occidental moderns, probable that not only the works rn composers will undergo a farrevision in framework, but that the isical instrument industry of the well, will experience a complete s well, to meet the construction te radical metamorphosis. scale presents upward of two l eighty new intervals, to say ne unexplored chords. It is safe lever in the history of music has on faced the prospect of such a ageant of sound expression as

is promise of a good music year), both for the radio world and I listener. The Los Angeles Phil-Society has been formed in the give good music to the workingman mum fee. It will be conducted by Altschuler, former conductor of the Symphony Orchestra, and may be the air.

broadcast listeners realize that, as pluck the air for strains of haron another band entirely airplanes are being dispatched by radio, back and forth across the country, with the speed and facility of express trains. On another wavelength entirely, "train orders" for the handling of these carriers of mail, passengers and produce are hurtling through the night, their positions hourly reported to airports in all parts of the country. It is the grimmer side of the great new plaything of science to which we give little heed during our moments of relaxation.

A common musical education is fast passing out of the optional or extra category. The entrance of rhythm and harmony into therapeutical, psychological and allied scientific fields has made an intelligent understanding of these subjects a necessity, aside from their artistic value. The recognition by far-sighted educators of the humanizing and illuminating influence of music upon life in every line of work has added constantly increasing armies of musical students to the general and specialized classes in school and college courses and raised the subject from the "minor" to the "major" classification.

Radio has performed an important part in the expansion and assimilation of national music consciousness. Such competent and tireless workers as Walter Damrosch, Atwater Kent and Howard Barlow, in their diverse but important fields, have earned th gift of deep gratitude from air-lane audience

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The captain laid down the batch of papers in his hand and thrust his chin across the table. "Orders, eh? Whose orders?"

"ON POLICE"

By JULIAN RASHMAN

THAT'S doing on police?" The city editor of the Morning Times queried his reporter in the press room at the city hall. The reporter, Jay Wilson, glanced over at the girl in the corner of the room as she sat with her face in her hands.

"Nothing," he replied.

The editor banged up his receiver. Jay lighted a cigarette thoughtfully. She looked like a nice girl-a darned nice kid. He was at a loss how to begin. If she had been a hag of the streets it would have been simple. Presently he walked over and stood beside

"Got bail yet?"

She started and looked up. Her cheeks were wet.

"N-no, sir," she quavered.

Jay grinned—a likeable grin.
"Listen, sister," he said. "I ain't 'sir.'
I'm just plain folks—Jay Wilson of the Times. Mustn't say 'sir' around here. These cops get too chesty when you're polite to em. Y' ought to hear what we call 'em."

The girl smiled wanly and dabbed the damp handkerchief against her lips. Jay sat down beside her.

"Tell papa," he said, "what did you swipe?" Some undertone in the words relaxed the girl's tension.

"Swipe?" She echoed the word vaguely, her eyes widening. Jay noticed that they were a deep blue—almost violet. Boy!

"My goodness, but you're ignorant. Swipe is hook, purloin, lift-steal. You're pinched for stealing, aren't you?"

The girl bit her lip and buried her eyes in the damp handkerchief. Jay bent his head nearer to catch her stifled answer.

"I—I took a radio set," she whispered.
Jay leaned back and regarded her with

admiration. "No!" he exclaimed. 'Well, do tell! She hole radio set. Say, did you get the dd the tubes 'n' everything?"

arl shook her head.

"t the s-set," she said. "It-it wasn't

nnected."

nodded and indulged the grin which, said, put the police beat in his pocket. I technique, sister. Always get 'em cted. Now you got to go back and the rest of the parts. Got to be thorabout these things. Now, when we e booze out of the property clerk's office take it all. Every single bottle. Then e's no fuss. The cops come to the consion they never had it. But if we left a tle sitting around, y' see, right away nebody 'd be looking for the rest."

He was watching the girl as he babbled long. She had quit crying and a tinge of color was creeping back into her cheeks. Her clothes indicated that she was poor, but the white cotton collar and cuffs were clean and neatly ironed. A good sign. A darned good sign. He nated sloppy crooks—mussy

ones with spots.

"What induced you to swipe a radio set?"

he asked abruptly.

The girl turned to him with a sudden gesture of despair. She clutched his sleeve fran-

treally,

"Will you listen to me if I tell you—listen and not say a word and not keep asking questions so fast I can't think like those men upstairs did? Will you? Will you?" Her woice had grown shrill, almost at the breaking point.

Jay patted her tense fingers gently.

"Listen, little girl—now don't get all worked up. I'll listen, sure. I won't say a word 'til you're done. Go ahead. Say anything you want. I'll listen."

Weaving the damp handkerchief through her fingers, the girl squared around so that her knees almost touched those of the reporter. Her eyes were level with his. She spoke with effort and huskily, trying to curb the break in her throat, and rapidly, as though she feared an interruption. Jay listened—at first with detachment, then interest and finally with concentration. Once or twice, in the unconscious drama of detail, he whistled softly. The girl, thankful for a sympathetic listener, went on and on. Finally

Jay broke in.

"That's enough," he snapped. "I've got all I want. I'm going to help you, but we've got to step on it. You've got to do a little bit of acting. You've got to do the hardest thing a girl can do, savvy—sit still and say nothing. And just smile in a kind of bored way. Can you? Can you do that? Ah... fine, great! All right, now, I'm playing a

hunch, sister. And I'm betting on you, see? Remember, now—NOT A WORD . . . and the bored smile all the way."

He referred to a paper in his hand. "Name's June Merriweather, isn't it?"

The girl nodded, her face lighting. Jay

got to his feet.

"A' right, let's go. Come with me and keep your mouth absolutely and completely shut—and I don't mean maybe. Just smile and keep on smiling, but make it more and

more sarcastic—sarcastic as hell!"

He led the way to the office of the captain

of detectives.

Captain Jim Lacey had the reputation of a hard-boiled sleuth. He had been head of the detective bureau for years, and under his regime crooks had been made to toe the line. Lacey believed in the third degree, the fourth degree, and when necessary the fifth and sixth degrees. He believed in convictions at all times. Like most of his kind he hated all reporters, and, secretly, feared them.

There was nothing friendly in Jim Lacey's face when Jay Wilson of the Times strolled in, followed by the girl. The captain flashed

the girl a sardonic glance.

"Well, got that bail yet, sister?" he demanded gruffly. "You can't keep runnin' around here loose forever, you know."

The girl, squeezing the damp handkerchief, smiled at the captain of detectives. It was a smile cut on the bias—a provokingly sarcastic smile. Jay Wilson's voice cut in confidentially.

"She's not going to get bail," he said.

"She's going to take the rap."

"Oh, she is, eh?" Jim Lacey's eyes narrowed. "Gonna fight, eh? Let one of those ambulance chasers talk her into a jury trial, did she?"

"Naw—it isn't that," said Jay. He polished his fingernails reflectively. "Y' see, chief, she's . . . well, she's under orders. She's got to go through with it."

The captain laid down the batch of papers in his hand and thrust his chin across the

"Orders, eh? Whose orders?" He snapped

the question suspiciously.

"That's our business," said Jay. "Anyhow, she's going through with it. All I can say is that June . . . I mean, Miss Merriweather, here, is ready to go through with the charge. She's not going to get any bail, and if you'll send for Mrs. Barker, she'll go right up to the woman's ward."

Captain Lacey leaned back and his swivel chair creaked dismally as he regarded first Jay Wilson and then the girl.

(Continued on Page 62)



By EARLE ENNIS

IN RESPONSE to a numbr of letters from radio fans who have urged us to take official cognizance of a certain matter, we wish to speak this week on the subject—NBC—the national radio web which, it must be admitted, enmeshes our patience, sometimes, more often than our interest or appreciation.

It seems incredible that a high-powered personnel, such as the aggregation which operates this national chainwork, should be so thoroughly hypnotized by its self-sufficiency, that it would forget to observe the common courtesy which is elemental in a drawing room. Yet we must admit, after a year of listening to the facile switching of NBC programs, that such is the case.

We have, on the Pacific Coast, tangent to the NBC network, approximately 1,000,000 listeners. A great many of these are "net" listeners, i. e., they are folks who night after night tune in some NBC feature. We venture the opinion that the large percentage of these will agree with us that nothing is quite so irritating, or productive of ill-will, than the damnable habit of "derelict programming." Had the majority of these listeners believed that it would have done any good, they would have written protests about it.

This discourtesy on the part of the great national broadcast organization involves others than the direct listening public. Program publications, such as Broadcast Weekly, and the daily newspapers are made unwilling parties to this disregard of courtesy to the listener. They are put in the position of announcing events which do not take place. Radio editors are tired of explaining to subscribers that the fault lies with the network which switched its programs, and not with the publication's original information.

Night after night Mr. and Mrs. Radio Listener, seeing a certain program scheduled, invite someone to their home whom they believe would be interested. Night after night they are left holding the sack, metaphorically speaking, when the program is changed without warning or explanation. The invited guest, who is a potential radio fan, gains a negative impression which reacts in the commercial field of competitive marketing. Not once have we heard an announcer do his audience the courtesy of indicating the change—in advance.

That this condition exists is, to our n sheer stupidity. How long would a the maintain its patronage if, after billboard a drama or a tragedy, it greeted its fin nighters with a comedy? How long wo a restaurant sustain a clientele if its me was a constant screen of flickering substittions? With better business bureaus all over the country emphasizing the need for eliminating fraud in advertising, we find our radio programs, in a manner of speaking, rife with it

Is there any logical reason for this? Is it that the NBC feels that courtesy is not necessary? That we must take what we can get? If so, we beg to assure them that other networks are not so obtuse in their observance of the niceties of presentation that they overlook this detail. Public appreciation, likewise, built upon a consideration of its weal, is tending toward the more deferential development. When sponsors find this out the matter will assume financial complications.

Paralleling this particular form of amenity butchering, which we must confess seems to emanate from New York more frequently than from the Western division, is the sudden curtailing of a musical program in the middle of a number, to make way for some contract program which owns the next hour of broadcast time. We ask any person who reads this if he or she has had an appreciation of the article sold by the sponsor, who cut a favorite waltz in half to substitute a jazz orchestra or a vaudeville act, heightened by this sudden break.

Broadcasting has become a public utility. It is being operated on the basis of public service. Well, one doesn't serve the public by jerking his hat out of his hand and giving him a sermon or a baked apple. Listeners are entitled to courtesy. Editors are entitled to courtesy. The whole wide world is entitled to courtesy—even from the NBC. Cracking programs in half, substituting shift programs for those previously announced, with no announcement or explanation, is not courtesy.

The NBC might be interested to know that the public is getting wholly and completely fed up on it.



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SPARTON RADIO

The Pathfinder of the Air'

Jean Paul King---KHQ

By MONROE R. UPTON

DDIE CANTOR, in his recently published biography, "My Life In Your Hands," takes frequent cracks at young gentlemen who marry a job and never entertain any idea of a divorce. Two of his rivals for a young lady's hand, he says, wore high white collars, brought boxes of candy every Saturday night, took the young lady out with her mother's permission, and had steady, permanent positions as Post Office

clerks which they could never lose. In fact, they still have

them.

We have mentioned this because Jean Paul King, like Eddie Cantor, is the antithesis of these young gentlemen. He has no matrimonial intentions toward his jobs. When we first knew him he was on NBC, then he joined KFRC, following which he made connections with KGW, and now he is chief announcer for KHQ, Spokane.

Incidentally, he usually acquires a better position with each

skip. On KFRC he was a free lance. He sold air to an advertiser, wrote the continuity, rehearsed the orchestra and announced the program when it was in shape. These programs were distinguished for their originality. They had some little flair about them that indicated the man behind the gum was not merely following in the footsteps of others.

Between his first radio job, director of radio plays and chief announcer for NBC on the Pacific Coast, and his work on KFRC, he essayed to inject a little new life into the silver sheet. But Hollywood was too wrapped up in itself to heed his suggestions and he returned to the microphone.

Both on KFRC and KGW, King's musical readings were impressive. He did Peer Gynt Suite with full orchestra, reading 19 parts, on KFRC, and his variety of efforts in this direction on KGW earned him considerable reputation.

We have left out the background for all of his radio work. While still a freshman in high school at Tacoma, Washington, he was writing feature articles over his name for the local Scripps paper. Following high school he attended Miami University, Oxford, Ohio, and started to prepare to be a musician, a

journalist or an actor, he didn't know which. Because a radio announcer should be something of all three he was right, the "three-in-one" policy proved to be okeh. He left school the first time to take a flurry in vaudeville, but deserted the four-a-day for school again, this time the University of Washington. He joined a Tacoma stock company and stuck until the desire for a degree was strong enough to bring him back

to the University of Washington, from which institution he graduated. From graduation back to the stage as a leading man for the Don Gray Stock Company at Everett, Wash., and then to Seattle as assistant stage manager for Henry Duffy. It was while in San Francisco on a vacation that the microphone first tempted his versatile talents.

While at KGW, Portland, he met Mary Cogswell, a University of California graduate who was writing for the station, and after a short romance they were mar-

ried in December of last year. A better opportunity opened up on KHQ, the voice of Spokane, Wash., and he moved over from Portland. He writes and directs programs, announces and does musical readings as before.

Although small in stature and of the type one would judge to be preponderately mental, Jean Paul King is energetic physically as well. All sports claim some of his attention as a spectator while ice skating and wrestling he participates in himself. During his college days in Ohio he was a champion wrestler. At the present time he is ice skating.

Jean belongs to that class of sensitive, observing, dreaming individuals that plans some day, after absorbing as much of life as possible, to strike off a novel or two that will be outstanding.

Jean was not born until 1904, which means that he must be listed among the precocious. If they had had radio during his babyhood back in Nebraska he would probably have organized glee clubs and harmonica bands among the urchins of the neighborhood and pestered program directors with the acts. His mother wouldn't have had to drag him up to the studio either.



JEAN PAUL KING

ATWATER KENT RADIO

Far Over Two Million

Atwater Kent sales passed the two million mark nearly three months ago. They are now far on the way toward the third million, a figure so colossal that sober thought is required to digest it thoroughly.

Consider how this volume has been achieved. First, by making generally acceptable merchandise appealing to the mass of the buying public; making it in controlled quantities, and by selling it at a price which would appeal.

Never in radio history has any such record been made—from the very small production starting in 1923 to a peak production in the current radio year of more than 8000 sets a day.

These have been sold fairly, cleanly, straight-forwardly—by merchants who value a good line that keeps customers coming to them the year round.

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NOTES OF INTEREST

NBC

Artists and employees at the San Francisco studios of the National Broadcasting Company thought they were seeing things recently when Dick Le Grand showed up without his mustache, and Ted Maxwell, production manager, who had been on a few days' vacation, reported for duty with shrubbery on his upper lip.

What puzzled the studio workers was this: Maxwell's new mustache was just the size, cut, and color that Le Grand's mus-

tache had been.

Maxwell explained that he had merely borrowed Le Grand's adornment temporarily. "And," said Le Grand, "I feel almost undressed without my chocolate soldier makeup." That explained everything.

Now that Charles Marshall, NBC staff artist, enjoys the distinction of having the largest feet at the San Francisco studios, it seems quite natural that the smallest feet should become better known. They belong to Bobbe Deane and they are size three.

KFI

Wedding bells will soon ring for Carl Haverlin, commercial manager of KFI, and Miss Virginia Flohri, his fiancee, according to runnors that have been flying thick and fast around the Los Angeles station. Both Haverlin and Miss Flohri are well known to KFI's audience through their work before the microphone.

KGO

Radio is evidently following the trend of the Little Theatres in New York in reviving the melodramas of yesterday. KGO has presented such old favorites over the air during the past few months as "Camille," "Uncle Tom's Cabin," "Ten Nights in a Barroom," and "David Harum."

No attempt is being made by the Pacific Coast station of the General Electric to modernize these plays. But as yet KGO hasn't adopted the realism of the New York theatres, which have even gone back to gas footlights.

Madame Ernestine Schumann-Heink, whose

voice was heard over KGO when she sang in San Francisco recently over a nationwide hook-up by the NBC system, is enthusiastic in her praise of the wonderful chance radio is giving young singers to develop their talent.

The famous mistress of song has taken three small town American girls with "big town" voices under her patronage. She predicts that in due time they will startle the audiences of the Metropolitan Opera House.

KFWB

Charles Beauchamp, KFWB baritone, is making Columbia records. The first sample previewed here several days ago was excellent. Vernon Rickard, KFWB tenor, is now on Brunswick discs. Emma Kimmel, KFWB soprano, is doing considerable Vitaphone warbling. The only soprano voice ideal for Vitaphonic purposes so far uncovered. Clear, high, unwarped warblings carrying a theme song from a Vitaphone screen to the audience probably originated in Emma's diaphragm.

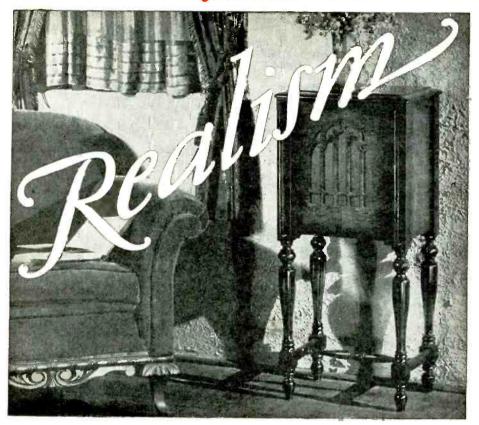
Warner Brothers learn something every day. Today's lesson:

It costs less to move KWFB's towers and transmitters a mile and re-erect them on top of Warner Brothers' Hollywood Theatre than to halt production on a Vitaphone feature for one night.

The towers and transmitter are now located on the Vitaphone lot. To prevent KFWB broadcasts from being recorded on the wax of Vitaphone records, it is necessary to shield absolutely every bit of wiring. Some job. One little break in the shielding—which took considerable locating by the technical Sherlock Holmes last week—stopped production on a Vitaphone picture for several hours. Now and then a few sweet strains from KFWB manage to sneak onto the wax discs. As far as Warner Brothers, who own KFWB, are concerned, this runs the cost of a thirty-minute broadcast up into the thousands.

Therefore, within the next three weeks, the towers will be soon pointing at Southern California skies from on top of the Warner Brothers' Hollywood Theatre, which already houses the KFWB studios.

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"SCIENTISTICS"

CONDON is experimenting with a new after its inventor, Captain Otto Fulton, the "Fultograph," which is to be placed on the market for amateur use. In Fulton's process a photo engraving is made on copper and this is placed on a drum. The picture is received by passing a current through chemically treated paper. The system is available for either wire or radio purposes.

There is no device on the market which will remove static, or the atmospheric crashing which appears at intervals. Devices which are advertised to do so merely cut down the efficiency of a radio set and work a reduction in signal reception. Whenever static is stronger than signals, the signals are blurred out. Exhaustive researches have finally determined this, and engineers see no present remedy.

The motion picture photographer with the Byrd Antarctic expedition has a three-tube, portable, short-wave receiver built into a suitcase, batteries and all, with which he is receiving concerts from WGY, New York, and KDKA during the south polar night when phonograph records become tiresome. The set uses '99 tubes throughout.

The government announces two new radio stations for the Pacific Coast—KQX at Bakersfield and KVO at Portland, Ore., both owned by the Boeing Air Transport Company. They will work on 119.7, 99.7, 91.29, 71.6 and 53.7 meters in the "short wave" band, using interrupted continuous wave and radiophone. Their business will be confined to aeronautical work and the "train dispatching" of planes up and down the coast. They will be unheard by broadcast listeners.

At Kieler Forde, on the Baltic Sea, a radio beacon on a light vessel and a submarine oscillator are used together so ships can determine their position. The submarine signals commences just as the radio signal ends. By noting in the receivers aboard ship the coincidence of the signals the distance of the vessel from the lightship can be determined, each dash representing a mile. Thus, if the tenth dash of the radio signal coincides with the first sound of the submarine signal, the lightship is ten miles away.

The largest radio lamp in use is two feet long and five inches in diameter and was developed by the General Electric Company.

It is used for transmission on 6 meters and radiates 15 kilowatts, or 15,000 watts of power.

Uncle Sam is spending \$15,000 a year for a special meteorological service to aviators. The service begins half an hour after weather stations file their observations and enables fliers to start cross-country trips fully informed as to the weather they are to encounter. This data is available at airports every morning and evening by automatic printers.

It costs the government \$3000 annually to print the list of calls of amateur stations in the United States. There are about 17,500 active stations listed.

Although it estimates that 7,500,000 homes have radio sets, the Northwest Radio Trade Association figures there is as yet only a saturation of 36 per cent in possible future sales.

There are now 27 radio weather reporting and communication stations on the transcontinental, Dallas-Chicago, Atlanta-New York and Salt Lake-Pasco airways. There are three radio beacons on the transcontinental route.

The central figure in the million dollar radio merger of the Temple Corporation of Chicago and the Sleeper Radio and Manufacturing Corporation of Long Island City, N. Y., is Alfred Marchev, a Swiss, who has only been in this country eight years.

Annoucers have been characterized as unseen masters of ceremonies.

An increase of 25 per cent in the radio business is predicted for the coming year.

Approximately 7500 persons in the Northwest are said to be engaged in the selling and distribution of radio equipment.

The Radio Commission will hold a hearing soon to determine whether or not television should be allowed in the broadcast band. In the meantime, it has been ordered out.

Swinging is defined as the variation in intensity of a received radio signal resulting from changes in the frequency of the transmitted waves.





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SHRAPNEL

NEW YORK newspaper inquires if, anow that some of our important singers are having their faces lifted, there isn't some way they can be induced to have their voices lowered.

Says Max Reinhardt, speaking from Hollywood: "Silence is one of the strongest weapons of the dramatic artist." Max must have been listening to some of our radio dramas.

The president of the National Music Teachers' Association declares that radio is killing jazz. If that is so, it must be worrying it to death.

The apple of discord we hear so much about has been located at last. It was in a radio announcer's neck.

It was generally agreed by chain program directors at a recent conference that what was needed was more caliber. This seems to indicate future broadcasts will be a greater bore than at present.

Station WLW at Cincinnati claims to be broadcasting 184 hours a week. By our reckoning a week has only 168 hours in it. They must be using the new thirteen-month calendar.

What do we hear oftener than an announcer? There lies in the hand of radio today the possibility of improving present-day American speech. If broadcasting stations will set a high standard of English, it will go far toward changing popular diction.

A German band director has explained that jazz players are always young because of the exercise put forth in playing the various instruments. What he is really advocating is pick and shovel work for those intrigued by the mystery of health who wish the recipe.

Edward Johnson, Metropolitan tenor, has given his home town \$25,000 with which to stimulate musical study. He wishes every child to have opportunity for musical expression. There is apparently more to fame than the ability to touch a high note.

A fire inspector in Budapest accidentally turned on a fire extinguisher in a municipal theatre and soaked the scenery so that an opera had to be called off. In this country we have no such blessing as a fire inspector.

Japan, always graceful in her recognition of art, has just completed a Schubert season of musical memorial, during which programs were given by a Japanese symphony orchestra. This will surprise many who cannot imagine music in the soul of the polite boy who washes their windows.

Is it possible that prohibition has dehydrated music and banished the drinking song? We note two glee clubs in Sterling, Kan., presenting the Messiah—a wide divergence from their blythe and boisterous ancestors.

Frank Van der Stucken of New York advertises that he will teach orchestra conducting. He should get unlimited business in the broadcast field.

They are planning to outdo Gilmore. Gilmore was a Boston bandmaster who put on a jubilee with 2000 musicians, 20,000 voices, and a background of anvils, church bells and cannon fired by electricity. Now that 50,000 kilowatts of power can be added to the ensemble we may expect the Millenium with full cosmic effects over one of our networks.

With more than 8000 commercial and amateur licenses, and 200 broadcast license applications before the Federal Radio Commission for this current year, it begins to appear that all the talking isn't done in bridge clubs.

Greenleaf Pickard, one of the most eminent radio authorities in the country, has determined, after exhaustive tests, that moonlight has no effect on radio transmission. This establishes beyond doubt that there is nothing in common between radio and romance.

"Radio," the technical magazine, notes that nearly all the names connected with the picture communication begin with "B," i. e., Bain, Bakewell, Bidwell, Baird, Berjonneau, Belin, Baker, Bell and Bartlane. We see nothing unusual in this. It is just the customary "B" battery.

A news dispatch contains the information that a man in the East, after working all night to get his radio set going, finally went into the back yard and hanged himself. We hope this shining example will be followed by a lot of service men who try to fix sets—and can't.



Own a Short-Wave Set You Can Rely On

TREMENDOUS VOLUME

from Radio or Record

The new 2-stage S-M 678PD Phonograph Amplifier is priced so low that, while particularly adapted for dance halls and small theatres, it is ideal for the home also. Used with any 110 volt D.C. dynamic speaker, it takes input from any magnetic phonograph pickup, or from the detector tube of a broadcast or shortwave receiver, and, by means of its S-M Clough-system audio transformers, supplies to the speaker undistorted the full power output of its 250-type tube. All input power is taken from the 110 volt A.C. house-lighting mains. Price, wired, \$73.00; complete kit, \$65.00.



All sorts of excitement and adventure are to be found nowadays on the short-wave bands—"below 200." But if you use one of the hastily designed sets which give good reception on some wave lengths and not so good on others—you will miss a lot of fun.



S-M "Round-the-World" Four sets cover the entire band from 17 to 200 meters—with 4 quick-action plug-in coils. The aluminum cabinet gives perfect shielding, and entire freedom from hand capacity effects. You can build up an S-M 730 in 3 hours time; you will have a really reliable short-wave set—and the cost will be no higher.

COMPLETE KIT

Everything necessary to build the complete four-tube r.f. regenerative (non-radiating) short-wave set, including aluminum cabinet and two S-M Clough audio transformers.

730 Complete Kit \$51.00 730 Set, Wired \$66.00

ADAPTER KIT

Complete with aluminum cabinet, less the two audio stages. Used with an adapter plug, it conveys any broadcast receiver for short-wave use. Ideal for Television.

731 Adapter Kit....... \$36.00 731 Adapter, Wired \$46.00

ESSENTIAL KIT

Contains the two tuning and tickler condensers, four wound plug-in coils, coil socket, and three r.f. sockets, with full instructions for building a 1, 2, 3 or 4-tube set.

732 Essential Kit______\$16.50

Send to the factory for big 24-page catalog free, also sample copy of 'The Radiobuilder'

UNIVERSAL AGENCIES

San Francisco Representative

905 Mission Street, San Francisco, California

SILVER-MARSHALL, INC. 872 W. JACKSON BLVD. CHICAGO . . U. S. A.

Schedules of Distant Stations

All times shown are P. M. Pacific Standard Time

Call—Keys—City	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
KDKA 980 Pittsburg	16-7	6-7:30	[6-9	6-9	[6-9	16-9	6-9
KDYL 1290 Salt Lake	5-11	5-11	5-11	[5-11	5-11	5-11	5-11
KFAR 770 Lincoln, Neb		8-10		8-10		8-10	8-11
KMOX 1090 St. Louis	5-8	15-9	5-9	5-9	5-9	5-9	5-10
KOIL 1260 Council Bluffs	5-10	5-10	5-10	5-10	5-10	5-10	5-11
KSD 550 St. Louis		6-9	6-8	7-9	6-8	6-8	6-9
KTHS 800 Hot Springs		7-10	15-7	5-10	5-10	5-7	7-10
KWKH 850 Kennonwood	6-7	17-10	[5-7	7-10	5-7	7-10	7-10
KYW 1020 Chicago		5-11	5-11	5-11	5-11	5-11	5-11
WAPI 1140 Birmingham		5-8	5-8	5-8	5-8	5-8	5-8
WBAP 800 Fort Worth, Tex		15-7	7-10	5 - 7	15-7	7-10	5-7
WBAW, 1490 Nashville			1				
WBBM 770 Glenview, Ill	6:30-8	5-9	5-9	5-9	5-9	5-9	5-9
WBZ 990 Springfield	5-8	5-8:30	5-8:30	5-8:30	5-8:30	5-8:30	[5-8:30
WCCO 810 Minneapolis	5-8	5-9	5-8	5-10	5-9	5-9	5-10
WDAF 610 Kansas City	7-8	5-8	5-8	5-8	5-8	5-8	5-8
	1	10-11	10-11	10-11	10-11	10-11	10-11
WEAF 660 Bellmore, N. Y	5-9	5-9	5-9	5-9	5-9	5-9	5-9
WEEI 590 Boston, Mass	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WENR 870 Chicago		9-12	7-12	7-12	9-12	9-12	10-12
WFAA 1040 Dallas							
WFI 560 Philadelphia	7-8	1	6-8:30	1	6-8:30		6-8:30
WGN 720 Chicago, Ill	5-10	5-10	5-10	5-10	5-10	5-10	5-12
WHAM 1150 Rochester		5-8	5-8	\5-8	[5-9	5-9	[5-9
WHAS 820 Louisville, Ky		5-9	5-9	5-9	5-9	5-9	5-10
WHO 1000 Des Moines		6-7	6-7	6-7	6-7	6-7	6-7
	18-9	[8-9	[8-9	8-9	8-9	8-9	8-9
WIP 610 Philadelphia	7-8	5-9		5-9		5-9	
WJR 750 Detroit, Mich	5~10	5-10	5-10	5-10	5-10	5-10	5-10
WJZ 760 Bound Brook, N	1. 5-8	5-8	[5-8_	5-8	5-8	5-8	5-8
WLAC 1490 Nashville				1			1
WLS 870 Crete, Ill	5-8	5-8	5-8	5-8	5-8	5-8	5-8
WLW 700 Cincinnati	5-8:30	5-10:30	5-10	5-10:30	5-10	5-10:30	5-10
WMAQ 670 Chicago, Ill	7-8	5-12	15-12	5-12	5-12	5-12	5-12
WMCA 550 New York City.	5-11	5-11	5-10	5-11	5-11	5-11	5-12
WOAI 1190 San Antonio	6-7	6:30-8	6-8:30	6-8	[5-7:30	5-7:30	17-8
WOC 1000 Davenport	[7-8	17-8	7-8	17-8 19-10	7-8 9-10	7-8 9-10	9-10
	1	9-10	9-10	5-10	5-9	5-10	5-10
WOR 710 Kearny, N. J	5-9	15-9	15-8	15-9	15-9	15-9	15-9
WOW 590 Omaha, Nebr	5-8	5-9 6:30-10:3		15-7:30	5-8	5-7:30	5-8:30
WRR 1280 Dallas, Texas		5-9	5-9	5-1.50	5-9	5-9	15-9
WSB 740 Atlanta, Ga		16-9	16-9	6-9	16-9	6-9	6-9
WSM 650 Nashville, Tenn		15-9	15-9	5-9	15-9	15-9	15-9
WTAM 1070 Cleveland	5-9	6-9	6-9	6-9	6-9	6-9	6-9
WFLA-WSUN 900 Clearwto	er	15-8	15-8	15-8	5-8	5-8	15-8
WTIC 600 Hartford, Conn	{b-b	(5-8	19-0	10-0	10 0	100	12-0

BROADCAST WEEKLY is only \$3 a year by subscription. Why not subscribe and save \$2.20?

Radio Trade Assn. Notes

The following recommendations, with comments or explanations, offered by the Better Business Bureau, have been adopted by the dealer section of the Pacific Radio Trade Association.

"Bait" advertising and switching practices in selling should never be employed. Such practices usually consist of offers of merchandise at low prices, limited in quantity, which the salespeople endeavor not to sell and which they often disparage in order to interest the customer in other merchandise at a higher price or on which a longer profit is made.

No merchandise should be advertised if the store does not desire or is not able to se'l in quantity and deliver promptly. If delivery cannot be prompt, a customer should be so informed, in advertising and by the salesman.

The term "electric" should be applied only to a set which operates directly from an electric light socket, and which was designed for such operation by its manufacturer.

A set originally designed for battery operation and subsequently equipped with A and B power devices is not "electric," as the term is used in the trade and as it is generally understood by the public.

In stating the number of tubes in a radio receiver, it is recommended that the number of tubes used for power conversion (rectifiers) or regulation, if included in the count, be specified,

It should be appreciated that the number of tubes utilized in a radio receiver does not necessarily give an indication of its performance.

The word "complete" should be used only if the fully equipped set is sold at the advertised price. If any of the equipment is omitted, this fact should be stated in type of a size easy to read, in immediate proximity to the price.

"Less tubes" and "less speaker" are examples of such description in conjunction with the price of the set. The word "complete" as applied to sets does not generally include aerial and ground equipment.

Illustrations used in advertising should in every particular accurately describe the merchandise offered.

Any retailer advertising terms such as, "\$10 down and \$2 per week," should by all means live up to the representation, if the customer so desires.

Dissatisfied customers should be given courteous and careful consideration.

When old models or "obsolete" merchandise is offered the model number and the year of manufacture of a model should be stated in advertising, and by the salesman.

A "list" price does not establish the value of a set, unless the set is regularly sold by the retail distributors of the set at that price.

Used, defective or second-hand merchandise (all not new or unblemished), when advertised, in newspapers, magazines, circulars, or on display, etc., must be conspicuously designated as such. Violation is a misdemeanor. (Penal Code of California, Section 543c.)

A folder including the above recommendations has been mailed to all radio dealers in northern and central California

JENSEN AND AIDES MOVE TO CHICAGO

Thomas A. White, general sales manager of the Jensen Radio Manufacturing Company, has returned to Chicago from Oakland, Calif., where he attended a directors' meeting of the company held at their plant in that city.

According to Mr. White, reports given at the meeting covering the year 1928 proved more than satisfactory to all of the directorate.

Peter L. Jensen, president of the company, who has been dividing his time between the company's plant here and on the Pacific Coast, has moved to Chicago and will make his headquarters in that city hereafter.

The entire Jensen laboratory and experimental department staff have also been transferred to the Windy City.

While Mr. White did not disclose the actual plans of the company for the present year, he did intimate that the directors had approved of a program which calls for a material expansion in the company's manufacturing facilities and sales activities during the coming month.

Announcement of an additional number of products which the company is going to manufacture and offer to the trade is also to be made very shortly. Included in this announcement will be another dynamic speaker intended particularly for radio receiver manufacturers' installation in console models.



This department will be devoted to a general exchange of ideas. Letters of constructive criticism or suggestions will be printed. Broadcast Weekly assumes no responsibility for letters printed in these columns.

Seattle, Wash., February 2, 1929. Dear Sirs:

I read your first offering in the January 26 issue with interest.

The criticism of Mrs. B. F. Bailev is most unjust. Evidently she does not know that stations cannot adhere to a program that was issued several weeks before presentation, that is, adhere right to the dot. Transcontinental features, new features, change in time, temperamental artists, and a thousand and one other things may cause cancellation of a particular program. All is not lovely and serene inside a broadcasting station; we listeners little realize the effort it takes to produce a program, so I do not see why any listener should complain if it is necessary to make a change in schedule now and then. Oftentimes, daily schedules printed in the newspapers are not correct because of last minute changes. Then, how could one expect a program issued several weeks in advance to be 100 per cent accurate? (Ed. note: Broadcast Weekly is printed only nine days in advance.)

W. B. Duncan is right. Prices of sets should be quoted complete. Let me add, in this connection, that I think it a bad practice to advertise sets as having, for example, seven tubes, when the set has only six tubes for reception, the other being a rectifier. A well-known phonograph manufacturer is guilty of such misleading statements; such tactics should be stopped, for when one thinks "tubes," he thinks of tubes used in reception. My set, then, has twelve tubes; six of the tubes are spares, to be used in emergency, but there is as much sense in my

statement as in the other.

The Federal Radio Commission is making a great bid for unpopularity. It seems that in order to carry out its fantastic scheme of bunching about a million stations on the higher frequencies, it has to snarl and snap at broadcasters who deviate from their assigned channels. It is all right for the worthy order to see that the stations keep on frequency, but it is not exactly sporting to do it with a club. Instead of lending a helping hand to the broadcasters, most of whom are willing to coöperate to their fullest extent, the august body of blowhards seems to be

doing all it can to hinder them. Here in Seattle several stations are under fire because they were not right on the dot the first few weeks. They are all using crystal controls now, but still the commission is going to try them. It's all a lot of red-tape. Instead of worrying over spilt milk, why doesn't the commission see to it that the stations keep their transmitters in order, so that reception is of good quality. Here in Seattle there are three stations that I would like to see off the broadcasting map, because it is impossible to listen to the stuff they send out. One station is high-pitched and weak; the second has a hum in it like a swarm of bees, and the third is always whining and groaning. All three break down often; one was off the air two or three days a while back. I cannot see that such stations serve the public; if they do not, then their licenses should be revoked. It's time for the radio commission to quit small-town tactics, and try to improve reception. Less browbeating, and more helping-hand. Yours truly.

R. F. BYARS,

Freewater, Ore., February 2, 1929. Gentlemen:

I have been taking your Broadcast Weekly for quite a while and like it better than any similar publication I have seen. I especially like your arrangement of giving all stations listed by days instead of by the week, and I also like neat, legible mechanical appearance of the publication.

I would like to suggest a change which I feel sure would be appreciated by readers, especially outside of California. You list a number of low power stations in California which are seldom heard outside the state, and you fail to include several very important stations which the radio public wants to hear.

Among the stations I would like to have included regularly are: KEX, KSL, KMOX, WENR and CKY. Thus one could greatly increase the range available. To include these you could either drop a number of small stations or eliminate some of the special articles.

Yours truly,

L. L. GOODING.

It's Just Like CANDY...

The name OFFENBACH ELECTRIC COMPANY is as popular with the radio fans as candy is with the "Kids."

BECAUSE—

We have the largest wholesale radio store on the ground floor in America,—

Representing more than 135 manufacturers whose parts we stock.

We Sell WHOLESALE to—

"Radio Set Builders," "Radio Experimenters" and "Radio Dealers."





"The House of a Million Radio Parts"

1452 Market Street, Near Van Ness Avenue San Francisco, Calif.

OPEN EVERY DAY IN THE YEAR UNTIL 10 P. M.



Feb. 17, 1929









Aurelio Sciacqua KOMO-9:00 p.m.

Rudy Seiger KPO-8:30 p.m.

Calla Macque KFWM-9:45 a.m.

Harold Roberts KNX-2:00 p.m.

Channel 68

5000 Watts

KGO Channel 79 379.5 Meters 10,000 Watts 790 Kcys. General Electric Co., Oakland, California

11 a.m.-First Methodist Episcopal Church service, Oakland; Rev. Edgar Allen Lowther, D.D., pastor

1:30 to 2 p.m.—Peerless Reproducers, NBC 2 to 3:30 p.m.—Sunday afternoon concert, NBC 3:30 to 4 p.m.—Whittall Anglo-Persians, NBC to 5 p.m.—Vesper service, Grace Cathedral, San Francisco

6:15 to 7:15 p.m.—Atwater Kent program, NBC 7:15 to 7:45 p.m.—Studebaker transcontinental program, NBC

7:45 to 8 p.m.—Enna Jettick melodies, NBC 8 to 9 p.m.—First Methodist Church service, Oakland; Rev. Edgar Allen Lowther, D.D., pastor

KPO 440.9 Meters 680 Kcys. Hale Bros. & The Chronicle, San Francisco

9:45 to 10:45 p.m.—Interdenominational and Nonsectarian Church services 1:30 to 2 p.m.-Peerless Reproducers, NBC

2 to 3 p.m.-Sunday afternoon concert, NBC 3:30 to 4 p.m.—Whittall Anglo-Persians, NBC to 4:30 p.m.—Great Moments in History, NBC to 6:15 p.m.—Afternoon musicale by Uda Waldrop and Maynard Jones

6:15 to 7:15 p.m.—Atwater-Kent program, NBC 7:15 to 7:45 p.m.—Studebaker transcontinental, NBC

7:45 to 8 p.m.—Enna Jettick melodies, NBC 8 to 8:30 p.m.—Marie Ravel, French soprano, and Annie Louise David, harpist

8:30 to 9 p.m.-Rudy Seiger and his Fairmont Hotel Concert Orchestra

9 to 10 p.m .- Abas String Quartet; Allen Wilson, tenor: Margo Hughes, pianist

KFWM Channel 93 322.4 Meters 500 Watts

Oakland Educational Society, Oakland, Cal. 9:45 to 11 a.m.—The Watch Tower program:
Organ prelude, Helen L. Jewell; children's
radio story, B. F. Holoday; discourse, O. B.
Eddins, "Comfort for Those Who Mourn";
vocal solos, Calla Macque and W. R. Sibley
12 to 1 p.m.—Musical program presented by the

Aeolian Trio: Jeanette Rauhut, violinist; Doris 'cellist; Harriett Poole, pianist and Eckler. organist

organist
1 to 1:25 p.m.—Bible questions and answers,
C. R. Little
1:25 to 2:30 p.m.—The Watch Tower program
presented by I. B. S. A. of San Francisco:
Hymns by choral singers; instrumental selections, Charlotte Lenhart; vocal solos, Lillian
Pelletier; instrumental baritone, B. D. Van
Winkle; discourse, A. R. Crawford, "The Harp
of God" of God'

6 to 7:45 p.m.—The Watch Tower program: dialogue, Congregational singing; Bible dialogue, "Where Man Goes After Death"; Bible discourse, I. B. S. A. speaker, "Earths Greatest Empire'; Polish lecture, W. Keilbasa 9:15 to 10:30 p.m.—The Watch Tower program: Special program for the Jews: Lecture, W. L. Gleeson, "Jewish Prophesy in Fulfillment"; Congregational singing; Bible

special musical selections

322.4 Meters Channel 93 500 Watts 930 Kcys.

Radio Entertainments, San Francisco, Calif. 3 to 4 p.m.-Christian Science lecture

7:50 to 9 p.m.-Fourth Church of Christ, Scientist, services

9 to 9:15 p.m.—Organ program

361.2 Meters Channel 83 12,500 Watts 830 Kcys. General Electric Co., Denver, Colorado

9:50 a.m.—Service of First Baptist Church
12:30 to 1 p.m.—Peerless Reproducers, NBC
1 to 2:30 p.m.—Dr. S. Parks Cadman, NBC
2:30 to 3 p.m.—Twilight Singers, NBC
3:30 to 3:30 p.m.—Stetson Parade, NBC
3:30 to 4 p.m.—Whittall Anglo-Persians, NBC
4 to 4:30 p.m.—Piggly Wiggly program
4:30 to 4:45 p.m.—Florida Citrus Fruit Exchange program

4:45 to 5:15 p.m.—Hoff-Schroeder Crystal studio 5:15 to 6:15 p.m.—Collier's hour, NBC 6:15 to 7:15 p.m.—Atwater Kent hour, NBC 7:15 to 8:15 p.m.—National Light Opera Co.,

NBC

8:15 to 8:45 p.m.-Flower Time

NBC

National Broadcasting Company

1:30 to 2 p.m.—Peerless Reproducers In a half hour of music varying from the delicate grace of a Beethoven minuet to the brilliance of a Slavonic dance by Dyorak, the Peerless Reproducers will be heard this afternoon

Following are the details of the half hour: Orchestra—Guitarre Moszkowski
Orchestra—Slavonic Dance No. 10 Dvorak
Baritone solo—My Sword and I, "The
Three Musketeers" Friml

Orchestra-Minuet in G....Beethoven Orchestra-Rondo Capriccioso Mendelssohn

Broancast through Krig, Malo, Adv. KGO, KPO and KFI.

2 to 3:30 p.m.—Sunday afternoon concert

Making his initial appearance before an

NBC microphone, Max Pantaleieff, noted Russian baritone, will be the guest artist for the Sunday afternoon concert. Barbara Blanch-ard, soprano, and the National Concert Or-chestra, conducted by Max Dolin, will also be

heard on the program.

Broadcast through KHQ, KOMO, KGW, KGO, KGO and KFI; KGW from 3 to 3:30 o'clock only.

3:30 to 4 p.m.-Whittall Anglo-Persians

Exotic strains of Ketelbey's descriptive musical picture, "In a Persian Market," will greet listeners who follow the Whittall Anglo-Persians on their magic carpet journey about the world.

The dainty "Valse Poudree" by Popy will bring listeners a new scene as the carpet con-tinues on its aerial tour. A special arrangement for strings and piano of Kreisler's universally-appealing composition, "The Old Refrain," is another programmed number, Oley Speaks and Victor Herbert, two popular composers, are represented by selections. The customary hymn concludes the half hour.

Breadeast through WHO LOW.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

4 to 4:30 p.m.—"Great Moments in History" Significant events in the career of Abraham Lincoln, woven into a dramalogue prepared by Henry Fisk Carlton, will be recalled in the "Great Moments in History" broadcast this afternoon.

Broadcast through KHQ, KOMO, KGW and KPO.

6:15 to 7:15 p.m.—Atwater Kent program
Sophie Braslau, contralto, and Nikolai Orloff, pianist, will be brought before the microphone as guest artists for the weekly Atwater Kent program to be broadcast from New York, Josef Pasternack will conduct the Atwater Kent Orchestra.

Details of the one-hour broadcast follow:

Orchestra—Turkish March—"Ruins Athens" _____Be Contralto solo—O Mio Fernando—''La Fa-..BeethovenDonizetti

Piano solos-Plano solos—
a. Sicilienne in G Minor.......Bach-Galeston
b. Scherzo in E Minor........Mendelssohn
Contralto solos—a. Water Boy.....Robinson
b. Little Log Cabin of Dreams.....Dowling
c. Ma Li'l Batteau.....Strickland

Plano solo—Rondo in E Major	
Orchestra-Intermezzo and Aragon	aise—
"Carmen"	Bizet
Contralto solos-a. Il Mezzo al Mar	

b. As We Part...... Ilgenfritz Piano solos—a. Liebestraum Liszt
b. Valse Liszt
c. Study in C Sharp Minor Chopin

Contralto solo-Brindisi-"Lucrezia Borgia".........Donizetti Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.
7:15 to 7:45 p.m.—Studebaker Champions
In a thirty-minute program originating at
Chicago, the Studebaker Champions, under the direction of Jean Goldkette, will be heard from coast to coast through stations of the NBC system tonight.

Broadcast through KHQ, KOMO, KGW. KGO, KPO and KFI.

7:45 to 8 p.m.—"Enna Jettick Melodies"
"Vilia," one of the loveliest melodi one of the loveliest melodies from otable operetta success, "The Merry Lehar's notable operetta success, "The Merry Widow," will be sung by the tenor and soprano as a feature of the "Enna Jettick Mel-

The mixed vocal quartet will contribute four selections.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

325.9 Meters **KOMO** Channel 92 1000 Watts 920 Kcys. Fisher's Blend Station, Seattle, Washington

10 a.m.—International Bible Students' Assoc 11 a.m.—Margaret Gray, readings; Aurelio Sciacqua, tenor

nequa, tenor 11:15 a.m.—Plymouth Congregational Church 12:15 p.m.—Margaret Gray, piano solos 12:30 p.m.—Aurelio Sciacqua, tenor 12:45 p.m.—Agnes Skartvedt & Greenwo Mitchell, duets Greenwood

p.m.-Stoneway Tabernacle

1:30 p.m.-Peerless Reproducers, NBC

2 p.m.—Sunday concert, NBC
3:30 p.m.—Whittall Anglo-Persians, NBC
4 p.m.—Great moments of history, NBC
4:30 p.m.—Concert orchestra, solos and duets by Greenwood Mitchell, Agnes Skartvedt, con-

tralto; Aurelio Sciacqua, tenor

6:15 p.m.—Atwater Kent artists, NBC 7:15 p.m.—Studebaker Program, NBC 7:45 p.m.—Enna Jettick melodies, NBC 8 p.m.—First Church of Christ, Scientist 9 to 11 p.m.—Concert orchestra; Green

Greenwood Mitchell; Agnes Swartvedt; Aurelio Sciacqua

483.6 Meters KGW Channel 62 620 Kcvs. 1000 Watts The Morning Oregonian, Portland, Oregon

11 to 12:30 p.m.-Church service 1:30 to 2 p.m.-Peerless Reproducers' program,

NBC

2 to 3 p.m.—Studio concert 3 to 3:30 p.m.—Sunday afternoon concert, NBC 3:30 to 4 p.m.—Whittall Anglo Persians, NBC 4 p.m.—Great Moments in History, NBC

4 p.m.—creat Moments in History, NBC
4:30 to 5 p.m.—Studio concert
5 to 5:15 p.m.—Talk on Modern Science
5:15 to 6:15 p.m.—Vesper hour
6:15 to 7:15 p.m.—Atwater Kent program, NBC
7:15 to 7:45 p.m.—Studebaker transcontinental
program, NBC

program, NBC 7:45 to 8 p.m.—Enna Jettick melodies, NBC 8 to 8:30 p.m.—Concert music 8:30 to 9:30 p.m.—Fireside Hour 9:30 to 10 p.m.—Franz Fantasies 10 to 11 p.m.—Little Symphony Orchestra

American Broadcasting Company 10 to 11 a.m.-The Melodians in a popular program

Broadcast through KJR, KEX and KGA.

11 to 12 noon—American Artistic Ensemble. Peter Meremblum, violinist; Kolia Levienne, cellist, and Cecil Baron, pianist. Soloists, Agatha Turley and Hayden Morris

Broadcast through KJR and KEX.

12 to 12:30 p.m.—Virginia Strong, coloratura soprano, and Gordon Onstad, tenor, in recital

prano, and Gordon Onstad, tenor, in recital Broadcast through KJR and KEX. 12:30 to 1:30 p.m.—Vic Meyers' popular recording orchestra

Broadcast through KJR, KEX, KGA, KYA

and KMTR. 1:30 to 2 p.m.—Woodwind ensemble Broadcast through KJR, KEX, KGA, KYA

and KMTR. 2 to 3 p.m.—American Military Band. Soloists: G. Donald Gray, baritone, and Sydney Dixon,

Broadcast through KJR, KEX, KGA and KMTR.

3 to 4 p.m.-Artistic Ensemble Broadcast through KYA, KJR, KGA, KEX and KMTR

4 to 4:30 p.m.-American Salon Orchestra Broadcast through KYA, KJR, KGA, KEX

and KMTR. 4:30 to 5 p.m.—Pamela Sketch Broadcast through KJR, KEX, KGA, KYA

and KMTR. 5 to 5:30 p.m.—Cathedral hour, ABC, Seattle Broadcast through KJR, KEX, KGA, KYA

and KMTR. 5:30 to 6 p.m .- Vic Meyers' Violins and Marim-

baphones Broadcast through KJR, KEX and KGA.
6 to 7 p.m.—Majestic Theatre of the Air, Columbia Broadcasting Company release, featturing Arnold Johnson's orchestra; Fannie

Brice 7 to 7:30 p.m.—Novelty trio singing and playing popular music and songs; Herbert Graf,

harpist Broadcast through KJR, KEX and KGA.

7:30 to 8 p.m.—Recital Broadcast through KJR, KEX and KMTR. 8 to 8:30 p.m.—Harper's Corners, a humorous

sketch Broadcast through KJR, KEX and KMTR. 8:30 to 10 p.m.—American Salon Orchestra un-der the direction of Francesco Longo

Broadcast through KJR, KEX and KMTR. KYA and KGA from 9 o'clock on.

10 to 11 p.m.—Show Boat Revue, ABC, Seattle Broadcast through KJR, KEX, KGA, KYA, KMTR, KLZ and KDYL.

526 Meters Channel 57 KXA 500 Watts 570 Kcvs. American Radio Tel. Co., Seattle, Wash.

9 to 9:55 a.m.-Uncle Bill and the Funnies from the Bethel 9:55 to 10:55 a.m.—Services

Temple, Rev. Offlier, pastor
10:55 to 12:30 p.m.—Services from the First M.
E. Church, Dr. J. Ralph Magee, pastor

7 to 7:15 p.m.—Concert program
7:15 to 7:30 p.m.—Twilight organ concert
7:30 to 8:45 p.m.—First M. E. Church services

243.8 Meters **KYA** 1230 Kcys.

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco 9 to 10 a.m.—Sunday morning recorded program

10 to 11 a.m.—Examiner funny hour 11 to 12 noon—Record program

12 to 1:30 p.m.-Old St. Mary's Church, Paulist Fathers

1:30 to 2 p.m.—Woodwind Ensemble, ABC 2 to 2:15 p.m.—Military band, ABC, Seattle 2:15 to 4 p.m.—Ice hockey broadcast from Ice-

land

land
4 to 4:30 p.m.—American Salon Orchestra, ABC
4:30 to 5 p.m.—Pamela Sketch, ABC
5 to 5:30 p.m.—Cathedral hour, ABC
5:30 to 6 p.m.—Dr. Frederick W. Clampett, interviews with prominent people
6 to 7 p.m.—Majestic Theatre of the Air, Columbia Broadcasting Company release, fea-

lumbia Broadcasting Company release, turing Arnold Johnson's orchestra and Fannie

7 to 7:30 p.m.-Dr. Frederick W. Clampett, on world topics

7:30 to 8 p.m.—One-half hour of song

8 to 9 p.m.—Old St. Mary's Church, Paulist Fathers 9 to 10 p.m.-American Salon Orchestra, ABC

10 to 11 p.m.-Show Boat Revue, ABC

Channel 59 508.2 Meters KHO 590 Kcys. 1000 Watts

Louis Wasmer, Inc., Spokane, Washington 10 to 11 a.m.-Children's Bible Class, I. B. S. A.,

KHQ, KOMO, KTBR 11 to 12:30 p.m.—Church services, Central Methodist Episcopal

odist Episcopal

1:30 to 2 p.m.—Peerless Reproducers, NBC

2 to 3:30 p.m.—Concert, NBC

3:30 to 4 p.m.—Whittall Anglo Persians, NBC

4:0 4:30 p.m.—Great Moments in History, NBC

4:30 to 5:30 p.m.—KHQ Concert Orchestra

5:30 to 5:45 p.m.—Classical recordings

5:45 to 6:15 p.m.—International Bible Students

6:15 to 7:15 p.m.—Atwater Kent, NBC

7:15 to 7:45 p.m.—Studebaker transcontinental

program, NBC

7:45 to 8 p.m.—Enna Jettick melodies. NBC

7:45 to 8 p.m.—Enna Jettick melodies, NBC 8 to 9 p.m.—All Saints' Cathedral

9 to 10 p.m.-City Service Little Symphony

333.1 Meters Channel 90 KHJ 1000 Watts 900 Kcvs.

Don Lee, Inc., Los Angeles, California

8 to 9 a.m.-Late recordings

to 11 a.m.—Concert from KFRC
12:15 to 1:15 p.m.—Late recordings
1:15 to 2 p.m.—Program from KFRC
2 to 3 p.m.—"Old Adobe of Verdugo Woodlands"

2 to 3 p.m.—"Old Adobe of Verdugo Wood!:
3 to 5 p.m.—Late recordings
5 to 6 p.m.—Tea Time Three from KFRC
6 to 6:30 p.m.—Rabbi Edgar Magnin
6:30 to 6:45 p.m.—Recordings
6:45 to 7 p.m.—World-wide news
7 to 8 p.m.—First M. E. Church services
8 to 11 p.m.—Program from KFRC
11 to 1 a.m.—Organ and variety program

296.6 Meters Channel 101 500 Watts 1010 Kcvs. First Baptist Church, San Jose, California 10:15 to 11 a.m.-Sunday School lessons by Fred J. Hart

11 to 12:30 p.m.—Morning services, First Baptist Church, conducted by Rev. Paul H. Ralston 7:30 to 9 p.m.—Evening service, First Baptist Church

491.5 Meters KFRC Channel 61 610 Kcvs. 1000 Watts

Don Lee, Inc., San Francisco, Calif. 9 to 12 noon—"Home Sweet Home" concert with

Cecilians, Frank Moss and orchestra

12 to 1:15 p.m.—Sherman, Clay & Co., concert 1:15 to 3:15 p.m.—Recital bringing before the microphone Lelane Rivera, soprano; Harry McKnight, tenor; Emile Ravegno, baritone, and ensemble

and ensemble
3:15 to 4 p.m.—Art Fadden, pianist
4 to 5 p.m.—Musical record program
5 to 6 p.m.—Tea Time Three; Theodore Strong, organist; Lucille Atherton Harger, contralto, and Marjorie Colletti, pianist
6 to 6:30 p.m.—Talk by Dr. Louis I. Newman
6:30 to 7 p.m.—Sierra Trio with Marie Wall-

man, soprano

to 8 p.m.—Bob and his zither; Harold Dana, baritone; Mary Pasmore, violinist; Frank

Moss, pianist
8 to 9 p.m.—Charles Bulotti, tenor; Juanita
Tennyson, soprano, and KFRC Concert Orchestra, directed by Frank Moss

to 9:30 p.m.—Robert Olsen, song recital, and Herman Reinberg, cellist

9:30 to 10 p.m.—Tom Gerunovich orchestra, June Douglas, Renee Chaplow and Ed Janis

during intermissions
10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 11:10 p.m.—Tom Gerunovich orchestra;
June Douglas with Ed Janis and Renee Chap-

low during intermissions 11:10 to 12 midnight-New Mandarin Cafe Tin Pan Alley

468.5 Meters KFI Channel 64 640 Kcvs. 5000 Watts Copyright 1929, E. C. Anthony, Inc., L. A.

11 a.m.—Temple Baptist Church 1 p.m.—Margaret Ruth Kernan

1:30 p.m.—Peerless Producers' program, NBC 2 p.m.—Sunday afternoon concert, NBC 3:30 p.m.—Whittall Anglo-Persians, NBC

4 p.m.—Studio program
5 p.m.—L. A. Church Federation
5:45 p.m.—W. J. Herwig, Narcotic Research Association

sociation 5:58 p.m.—Father Ricard's weather forecast 6 p.m.—Genevieve Behrend, "Science of Life" 6:15 p.m.—Atwater Kent Hour, NBC 7:15 p.m.—Studebaker transcontinental program,

NBC

7:45 p.m.—Enna Jettick melodies, NBC 8 p.m.—Packard Concert Orchestra, Pryor Moore

director 9 p.m.—Variety hour 10 p.m.—Wally Perrin's Packard Dance Orches-

tra, Jean Dunn, soloist

272.6 Meters **KJBS** 1100 Kcvs.

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif. 9 to 10 a.m.—Semi-classical recordings

9 to 10 a.m.—Semi-classical recordings 10 to 11 a.m.—Variety recordings 12 to 1 p.m.—Dance melodies 1 to 1:30 p.m.—Concert records 2 to 3 p.m.—Variety records 3 to 3:30 p.m.—Mabel Payne, soprano 2:30 to 4:30 p.m.—Red Seal records 4:30 to 5 p.m.—Popular program 5 to 5:30 p.m.—Dinner music

545.1 Meters **KTAB** Channel 55 550 Kcvs. 500 Watts Pickwick Broadcasting Co., Oakland, Calif.

9 to 10 a.m.—Animo Light hour
10 to 11 a.m.—Bible class by Prof. Lindsley
11 to 12:20 p.m.—Church services, Dr. Phillips,
Tenth Avenue Baptist Church
12:20 to 1 p.m.—Organ recital

12:20 to 1 p.m.—Organ rectian 1 to 2 p.m.—Studio program 2 to 3 p.m.—Happy Hour String Quartet 3 to 3:30 p.m.—Millicent Benioff, Jane Sargent Sands

3:30 to 4:30 p.m.—Organ recital, instrumentalists 4:30 to 5 p.m.—Symphonic recordings

4:30 to 5 p.m.—Symphonic recordings
5 to 6 p.m.—Robert Carlson, baritone;
Ray, contralto, in song recital
6 to 7 p.m.—State's Restaurant Orchestra
7 to 7:30 p.m.—Symphonic recordings
7:30 to 9:20 p.m.—Church services
9:20 to 10:20 a.m.—Alice Poyner Trio

10:20 to 11 a.m.—Recordings

11 to 12 midnight-Pick and Wick and the Night Owls

12 to 1 a.m.—Brother of the Night

KFWB 315.6 Meters Channel 95 950 Kcvs. 1000 Watts

Warner Brothers, Hollywood, California

10 to 1:30 p.m.-Courtesy program 6:30 p.m.—Harry Jackson's entertainers

7:30 p.m.—Burr McIntosh, Cheerful Philosopher 9 p.m.—Daily news items 9:10 to 11 p.m.—Bill's Ragtime Review

285.5 Meters KNX Channel 105 1050 Kcvs. 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 9 to 10 a.m.-Musical program by Chet Mittendorf

10 to 11 a.m.—Courtesy program
11 to 12 noon—First Presbyterian Church
12:30 to 1 p.m.—Automobile Buyers' Guide 1 to 2 p.m.—International Bible Students' As-

sociation 2 to 4 p.m.—City Park Board musical program 5:30 to 6 p.m.—All Souls' Church, Dr. Charles

F. Aked

6 to 6:30 p.m.—Talk by Ernest Holmes 6:30 to 7 p.m.—Dr. Theodore Curtis Able of the Unitarian churches

to 8 p.m.—Impressionistic descriptions told in word and music of forthcoming Paramount productions

to 9 p.m.—First Presbyterian Church to 10:30 p.m.—Calmon Luboviski,

violinist: Claire Mellonino, pianist, and Walter V. Ferner. 'cellist

239.9 Meters Channel 125 KFOX 1250 Kcvs. 1000 Watts

Nichols & Warinner, Long Beach, Calif.

9 to 10 a.m.-Musical program

10 to 11 a.m.—Musical program
11 to 12:30 p.m.—St. Luke's Episcopal Church
12:30 to 1:30 p.m.—Musical program
1:30 to 2:30 p.m.—Organ recital
2:30 to 3:05 p.m.—Long Beach Municipal Band
3:05 to 3:20 p.m.—Musical program

3:00 to 4 p.m.—Long Beach Municipal Band 4 to 5 p.m.—Organ recital, Dick Dixon 5 to 6 p.m.—Charlie Joslyn's orchestra 6 to 7 p.m.—Musical program 7 to 8 p.m.—Ray Stillwell's band 8 to 9 p.m.—First Church of Christ, Scientist 9 to 11 p.m.—'All Star Nite'' 11 to 1:30 a.m.—'Egyptian Tom Cats''

Feb. 18, 1929



Anson Weeks and his Hotel Mark Hopkins Orchestra KFRC-10:10 p.m.

Channel 79 379.5 Meters KGO 10,000 Watts 790 Kcvs.

General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California home life 10:30 to 11:30 a.m.—'Woman's Magazine of the Air" NBC

11:30 to 1 p.m.—Rembrandt Trio 3:30 to 4 p.m.—"Everyday Living," Christina S.

4 to 5 p.m.—Hotel St. Francis Concert Orchestra; Edward J. Fitzpatrick, director 5 to 5:30 p.m.—Aunt Betty (Ruth Thompson) stories, KGO Kiddies' Klub

5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. produce; news

6:30 p.m.—Edison program (N. Y.) 6:30 to 7:30 p.m.—General Motors family party,

7:30 to 8 p.m.—"The Empire Builders," NBC 8 to 9 p.m.—Rudy Sieger's Shell Symphonists, NBC

9:30 p.m.—The Voice of Firestone, NBC 9:30 to 10:30 p.m.—General Electric program 10:30 to 10:45 p.m.—Alaskan news flashes

Channel 57 526 Meters 500 Watts 570 Kcys. American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.-Inspirational services 10:15 to 10:30 a.m.-Starting today right with Miss Habit

10:30 to 11:30 a.m.—Our Sunshine Hour 11:30 to 12 noon—Organ recital by Ron and

Don 12 to 12:30 p.m.—Recorded program 12:30 to 1:30 p.m.—Popular recorded program 4:30 to 5 p.m.—"Miss Opportunity," rhymes and

reasons
5 to 6 p.m.—Recorded program
6 to 7 p.m.—Northwestern Crier Hour
7 to 7:30 p.m.—Green Nash program
7:30 to 8 p.m.—30 minutes with the Gypsies
8 to 9 p.m.—Pergram footbying Honold reasons

8 to 9 p.m .- Program featuring Harold and

Leona Chase 9 to 10 p.m.—Hour of semi-classics, featuring Grace Hoffman, pianist; Carl N. Klass, basso; Harry Costain, tenor; Josephine Brimmer, soprano

10 to 11 p.m.-George Carroll's Merrymakers: Billy Brown, soloist

National Broadcasting Company

10:30 to 11:30 a.m.-"Woman's Magazine of the

air"
"Stoking the Engine for the Day's Work"
"Stoking the Engine for the Day's Work" will be Ann Holden's topic during the presentation of the Shredded Wheat feature.

Miss Holden will tell of the need of fuel for the body, making special reference to children during the cold months of early spring. She will also give more news of the treasure hunt she is conducting.

Broadcast through KHQ, KOMO, KGW. KGO, KPO and KFI.

6 to 6:30 p.m.-Edison program

Stations associated with the NBC system will broadcast the second of the new transcontinental Edison programs tonight from 6 to 6:30 o'clock.

Broadcast through KHQ, KOMO, KGW.

Broadcast through K.H.Q. KOMO, K.G.W. K.G.O. K.P.O. and K.F.I. 6:30 to 7:30 p.m.—General Motors Family Party Patrick Conway and his band will be the featured artists for the General Motors Family Party broadcast tonight.

In addition to Conway's band Joe Green and a marimba orchestra will be heard.

Broadcast through KHQ, KOMO, KGO, KPO and KFI.

7:30 to 8 p.m.—"The Empire Builders"
"The Empire Builders," a series of dramatizations of historic events from the annals of the Pacific Northwest, will be continued in the nation-wide broadcast tonight

Broadcast through KHQ, KOMO, KGW. KGO, KPO and KFI.

to 9 p.m.—Rudy Seiger's Shell Symphonists Sixty minutes of light classical music will be offered auditors by Rudy Seiger's Shell Symphonists.
Broadcast through KHQ, KOMO, KGW.

KGO, KPO and KFI.

9 to 9:30 p.m.-"Voice of Firestone"

The program begins with a Waldteufel number, "Espana," interpreted by the 32-piece Firestone Orchestra under Max Dolin. Easton Kent, tenor, is scheduled to sing "La Paloma," Yradier's universally popular "Dove Song." One of the most notable songs in

Bizet's "Carmen," the Toreador song, will be contributed by the Firestone Choristers, accompanied by the orchestra.

During the balance of the half-hour pro-

gram listeners will hear Jerry Germaine singing "The Song I Love," Kent singing Cadman's "At Dawning," and the choristers, with Jerry Germaine and the orchestra, in a selection from "The New Moon."

tion from "The New Moon."

Broadcast through KHQ. KOMO, KGW, KGO. KPO, KFI, KSL and KOA.

9:30 to 10 p.m.—"Plantation Echoes"

Hospitable Judge Chandler, a typical son of the South, who is the host for these radio parties every Monday night, will again invite his guests to "pull up their chairs and make themselves comfortable." In his mansion "somewhere south of the Mason and Dixon line." the Judge will have assembled a varied the Judge will have assembled a varied group of entertainers, including Jerry and his Dixie Melodists, Rufus and little Tambo.

Broadcast through KGW, KSL and KOA.

10 to 11 p.m.—Slumber Hour

Max Dolin and the National Concert Or-

chestra, assisted by Gwynfi Jones, tenor, will broadcast an hour of slumber music. Broadcast through KSL and KOA,

315.6 Meters KFWB Channel 95 950 Kcvs. 1000 Watts Warner Brothers, Hollywood, California

6:20 p.m.-Musical program

30 p.m.—Vitaphone jubilee hour broadcast from New York over the Columbia Broadcast-6:30 p.m.—Vitaphone broadcast ing System

p.m.-Harry Jackson's entertainers

4 p.m.—Harry Jackson's entertainers
7:30 p.m.—Amos 'n' Andy
7:45 p.m.—Daily news
8 p.m.—Badger & Burns, harmony numbers;
KFWB Dance Orchestra
9 p.m.—Vicenzo Pometti's Concert Orchestra;
Vernon Rickard. tenor Vernon Rickard, tenor 10 to 11 p.m.—Roy Fox's orchestra

333.1 Meters 900 Kcys.

Channel 90 1000 Watts

Don Lee, Inc., Los Angeles, California

7:30 to 8 a.m.—Physical culture period 8 to 9 a.m.—"The Alarm Clock"

8 to 9 a.m.—"The Alarm Clock"
9 to 10 a.m.—Late recordings
10 to 19:15 a.m.—U. S. C. Chapel period
10:15 to 11:15 a.m.—Agnes White, "At Our House"
11:15 to 11:30 a.m.—Dr. Paul Dorosh
11:30 to 12 noon—"Two Starving Song Writers"
12 to 12:30 p.m.—Biltmore Hotel Orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—KHJ Dance Orchestra
1:30 to 2 p.m.—Charlie Wellman's program
2 to 3 p.m.—Charlie Wellman's program
2 to 3 p.m.—Charlie Wellman's

2 to 3 p.m.—KHJ soloists 3 to 4 p.m.—"Chasin' the Blues"

4 to 4:15 p.m.—Western Air Express 4:15 to 4:30 p.m.—Public Relations Dept., Sheriff's Office

4:30 to 5 p.m.-Marye Harrington, "Home Prob-

5 to 6 p.m.-Sunset ensemble

5 to 6 p.m.—Sunset ensemore 6 to 6:45 p.m.—Organ, Wesley Tourtellotte 6:45 to 7 p.m.—World-wide news 7 to 7:30 p.m.—Inglewood Park program 7:30 to 8 p.m.—KHJ concert orchestra

8 to 10 p.m.—Barl concert orenestra 8 to 10 p.m.—Earl Burtnett's dance orchestra 12 to 1 a.m.—Organ recital

ABC

American Broadcasting Company

6:45 to 7:45 a.m.—Vim, Vigor and Vitality Broadcast through KJR, KEX, KGA, KYA

and KMTR. 8 to 9 a.m.—Golden Hour Orchestra

Broadcast through KJR, KEX and KGA. to 9:30 a.m.—Mary Cooke Better Homes program

Broadcast through KJR, KEX and KGA 9:30 to 9:45 a.m.—Glenn Eaton and Marjorie Robillard

Broadcast through KJR, KEX and KGA. 9:45 to 10 a.m.—Morning devotional service Broadcast through KJR, KEX and KGA 10:30 to 10:45 a.m.—Georgia O. George, h culture

Broadcast through KJR, KEX and KGA 11 to 12 noon—American Reveillers; intermissions; forenoon program of popular music Broadcast through KJR, KEX and KGA.

12 to 12:15 p.m.—Late news events

Broadcast through KJR, KEX and KGA.
12:30 to 1:30 p.m.—American Salon Orchestra,
under the direction of Francesco Longo. Assisting soloists: Dorothy Lewis, contralto, and Gordon Onstad, tenor

Broadcast through KJR, KEX and KGA.

1:30 to 2 p.m.—Agatha Turley, Irish soprano, and Hayden Morris, Welsh basso, in recital Broadcast through KJR, KEX and KGA.

2 to 3 p.m.—Monique Thomas and the Melo-

dians

Broadcast through KJR, KEX and KGA.

to 4 p.m.—American Salon Orchestra, under the direction of Francesco Longo. Soloists: Virginia Strong, coloratura soprano, and Hayden Morris, Welsh basso
Broadcast through KJR, KEX and KGA.

to 5 p.m.—The Melodians offer an hour of popular music

popular music

Broadcast through KJR and KEX to 6 p.m.—The "Grab Bag," original program of novelties

Broadcast through KJR and KEX 6 to 6:30 p.m.-Vic Meyers' orchestra, assisting artists

Broadcast through KJR, KEX and KGA 6:30 to 7 p.m.-Warner Brothers Vitaphone Ju-

bilee Broadcast through KJR, KEX, KGA, KYA, KMTR, KLZ and KDYL.
7 to 7:30 p.m.—Americana, Herman Kenin's or-

chestra, SF

Broadcast through KJR, KEX, KGA, KYA and KMTR.

7:30 to 8 p.m.-Pacific Artists' Trio

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ.

8 to 9 p.m.—An Hour on Broadway, featuring the Pacific Salon Orchestra; Liborius Hauptmann, director

mann, director
Broadcast through KJR, KEX, KGA, KDYL,
KYA, KMTR and KLZ.
9 to 9:30 p.m.—Woodwind ensemble
Broadcast through KJR, KEX, KGA, KDYL,
KYA, KMTR and KLZ.
9:30 to 10 p.m.—"Dance Time" with Herman
Kenin's recording orchestra
Broadcast through KJR, KEX, KGA, KDYL,
KYA, KMTR and KLZ.
10 to 11 p.m.—Musical gems from works of the
masters; Liborius Hauptmann and his Pacific

masters; Liborius Hauptmann and his Pacific Salon Orchestra

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ.

11 to 12 midnight-Golden Gate Gypsies; Herman Kenin, director, SF Broadcast through KJR, KEX, KGA, KYA and KMTR.

440.9 Meters Channel 68 5000 Watts 680 Kcys. Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.—S & W health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock

to 9 a.m.—Shell happy time, by Hugh Barrett Dobbs, assisted by William H. Hancock, Bem's Little Symphony Orchestra and Golden State Quartet

9:30 to 10 a.m.-Dobbsie's daily chat, assisted by Andrew Gordon Robertson 10 to 10:15 a.m.—Art talk by Helen Gordon

Barker

10:30 to 11:30 a.m.—Magazine of the Air, NBC 11:30 to 12 noon—Ye Towne Cryer service 12 to 12:10 p.m.—Scripture reading and weather

reports; special announcements 12:10 to 1 p.m.—Noon concert with KPO Carolers 1 to 1:30 p.m .- Shopping hour, featuring Jerry

Jermaine Warner's homemaking 1:30 to 2 p.m.—Anne

chats

2:30 to 2:45 p.m.—Secrets for Women Only 2:45 to 3:45 p.m.—Aeolian Trio 4:30 to 4:45 p.m.—California Development Asso-ciation talk

4:45 to 5 p.m.—Stock market quotations 5 to 5:45 p.m.—Children's hour by Paul Pit-

man, Big Brother
5:45 to 6 p.m.—Harold Small's book review
6 to 6:30 p.m.—Edison program, NBC

6:30 to 7:30 p.m.—Edison program, NBC 6:30 to 7:30 p.m.—General Motors program, NBC 7:30 to 8 p.m.—The Empire Builders, NBC 8 to 9 p.m.—Seiger's Shell Symphonists, NBC 9 to 9:30 p.m.—Voice of Firestone, NBC 9:30 to 10 p.m.—Tommy Munroe and Rob Allen 10 to 12 midnight—KPO's variety hour, featur-

ing KPO's popular entertainers

236.1 Meters KOL 1270 Kcys.

Channel 127 1000 Watts

Seattle Broadcasting Co., Seattle, Wash.

6:45. to 8:45 a.m.—Musical Klock 8:45 to 9:30 a.m.—A program of general interest 9:30 to 9:45 a.m.—The Market Basket

9:45 to 10 a.m.—Aunt Sammy's chat 10:10 to 11 a.m.—Household topics 11 to 11:15 a.m.—Menu hints by Dorothy Neighhors

12:15 to 12 noon—Musical Moments
12 to 12:15 p.m.—Organ concert, F. C. Feringer
12:15 to 12:30 p.m.—Crops and soils
12:30 to 1:30 p.m.—An hour from the Song Shop

2 to 3 p.m.—Matinee melodies 3 to 4 p.m.—Organ concert, F. C. Feringer

4 to 4:30 p.m.—Twilight time 4:30 to 5 p.m.—News items; weather report

to 6 p.m.—Service hour 6 to 6:10 p.m.—American Institute of Banking 6:10 to 6:30 p.m.—Dinner hour music; new casting

6:30 to 7 p.m.—Pacific Trade program 7 to 7:30 p.m.—Ken Stuart's "Thirty Minutes of

Sunshine

Sunshine
7:30 to 8 p.m.—Special program
8 to 8:15 p.m.—Book chat; poetry
8:15 to 9 p.m.—Musical minatures
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 9:30 p.m.—Henry Ehlers' ukulele ditties
9:30 to 10 p.m.—Studio program

10 to 12 p.m.-Cole McElroy's Own Dance Band

491.5 Meters 610 Kcvs.

KFRC

Channel 61 1000 Watts

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Simpy Fitts from Seal Rocks 8 to 9 a.m.—Musical record program

9 to 9:30 a.m.—Georgia O. George 10 to 11 a.m.—Wyn's daily chats

11 to 11:30 a.m.—Mary Lewis Haines talk 11:30 to 12 noon—Amateur auditions

11:30 to 12 non—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
3 to 4 p.m.—Matinee concert orchestra
4 to 4:15 p.m.—Aviation talk

4:15 to 4:30 p.m.—Talk by physician from U. C. 4:30 to 4:35 p.m.—Something About Everything 4:35 to 4:40 p.m.—News and lost and found 4:40 to 4:55 p.m.—Mac and his gang

4:40 to 4:55 p.m.—Mae and nis gang 4:55 to 5 p.m.—Town topics 5 to 5:30 p.m.—Mae and his gang 5:30 to 6 p.m.—Emporium's children's hour 6 to 6:30 p.m.—Organ recital by Theod Theodore Strong

6:30 to 7 p.m.—Studio program

7 to 7:30 p.m.—Mr. Kansas and his "K's" 7:30 to 8 p.m.—Cecilians 8 to 10 p.m.—"Blue Monday Jamboree"

10 to 10:10 p.m.—Amos 'n' Andy 10:10 to 11:10 p.m.—Mark Hopkins Orchestra, intermissions by Banjo Boys and Norman Neilsen

11:10 to 12:10 a.m.-Val Valente's Jungletown Orchestra

239.9 Meters **KFOX** Channel 125 1000 Watts 1250 Kcvs.

Nichols & Warinner, Long Beach, Calif. 8 to 8:15 a.m.—"Tadpole," the Buttercream Boy 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Musical program 9:20 to 9:50 a.m.—Organ recital

9:50 to 10 a.m.—Spanish program 10 to 10:10 a.m.—Hawailan program 10:10 to 10:20 a.m.—Popular songs 10:20 to 10:30 a.m.—Salon music

10:30 to 11 a.m.—Organ recital
11 to 11:10 a.m.—Mae Day beauty talk

11 to 11:10 a.m.—Mae Day beauty talk
11:10 to 11:20 a.m.—Banjo recordings
11:20 to 11:30 a.m.—'Clarence'
11:30 to 11:50 a.m.—Early news
11:50 to 12 noon—Musical program
12 to 12:30 p.m.—Organ recital, Dick Dixon
12:30 to 1 p.m.—Foster Rucker; Julietta Burnett

nett
1 to 2:30 p.m.—Orchestra and Eva Balfour
2:30 to 4 p.m.—Musical program
4 to 4:20 p.m.—News report
4:20 to 4:30 p.m.—Musical program
4:30 to 5 p.m.—Dick Love's orchestra
5 to 5:30 p.m.—Organ recital, Dick Dixon
5:30 to 6 p.m.—Hancock Dance Orchestra
6 to 6:05 p.m.—Lost and Found Announcements
6:05 to 6:30 p.m.—Ray Stillwell's band
6:30 to 7 p.m.—Bob Compton's orchestra
7 to 8 p.m.—Suydam's Buttercream School

to 8 p.m.—Suydam's Buttercream School 8 to 9 p.m.—Double Eagle Quartet 9 to 11 p.m.—Musical program 11 to 12 midnight—Organ recital, Dick Dixon

232.6 Meters Channel 129

KDYL 1290 Kcys. 1000 Watts

Intermountain Broad. Corp., Salt Lake City 6:30 p.m.—Columbia Broadcasting System pre-senting Vitaphone Jubilee

p.m.-Crosley hour with Johnny Rosell's orchestra and soloist

p.m.-Harmony Time at the Studio 9:30 p.m.-Herman Kenin's Orchestra, ABC

10 p.m.—Musical gems, concert orchestra. ABC 11 p.m.—Golden Gate Gypsies, ABC

545.1 Meters **KTAB** Channel 55 550 Kcys. 500 Watts Pickwick Broadcasting Co., Oakland, Calif.

8 to 9 a.m.—Ray Raymond's tabloid of the air 9 to 9:30 a.m.—Prayer hour 9:30 to 10 a.m.—Recordings

10 to 10 a.m.—Recordings
10 to 10:15 a.m.—Dr. B. L. Corley
10:15 to 11 a.m.—Morning classified recordings
11 to 11:30 a.m.—Studio program
11:30 to 12 noon—Recordings

11:30 to 12 noon—Recordings
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
1:30 to 2 p.m.—Morton, Carlson and Moran
2 to 2:30 p.m.—Studio program
2:30 to 3 p.m.—Carey's song matinee
3 to 4 p.m.—Pickwick Versatilians; Carl Bertolas, soloist

4 to 5 p.m.—KTAB Salon Orchestra; Leon Strashun, director; George Garcia, soloist 5 to 6 p.m.—Brother Bob's frolic

6 to 6:30 p.m.—Brother Bod's Irolic 6 to 6:30 p.m.—Animo Light half hour 6:30 to 7 p.m.—Twilight hour 7 to 7:15 p.m.—George Davis, Sport Lights 7:15 to 7:30 p.m.—Shop in the Mission 7:30 to 8 p.m.—Recorded program 8 to 9 p.m.—KTAB Salon Orchestra, Leon Strashun; Lydia Sturtevant soloist

9 to 10 p.m.-Pickwick Versatilians, Leon Strashun director

10 to 10:30 p.m.—Irving Krick, pianist; Octo

Linquist, tenor 10:30 to 11 p.m.—Carl Tobin, Grace Horan, Mart

Grauenhorst 11 to 12 midnight-Pick and Wick and the Night Owls

12 to 1 a.m.-Brother of the Night

325.9 Meters Channel 92 KOMO 920 Kcys. 1000 Watts Fisher's Blend Station, Seattle, Washington

8 a.m.—Shell Happy Time
9 a.m.—Organ recital
9:55 a.m.—Inspirational services
10 a.m.—Y. M. C. A. health exercises
10:15 a.m.—"What to Prepare for Dinner"
10:30 a.m.—Woman's Magazine of the Air, NBC

11:30 a.m.—Meat talk 11:45 a.m.—Rhena Marshall, soprano; Joy Boys

11146 a.m.—Reference Marsham, soprano, 509 Boys 12 noon—Farm flashes; grain reports 12:15 p.m.—Totem Gyrators; Fred Lynch, tenor 12:45 p.m.—Constance Cook; Totem Gyrators 1:30 p.m.—Quintet; Ve Ona Socolofsky, soprano 2:30 p.m.—Fred Lynch and Rhena Marshall, duets

2:45 p.m.-Totem Gyrators; Joy Boys; Ve Ona Socolofsky

p.m.—Orchestra; Alice Maclean and Jimmie Riddel, Rhena Marshall p.m.—Kiddies' program 5:30 p.m.—Stock and bond quotations 5:45 p.m.—News flashes

5:45 p.m.—News flashes
6 p.m.—Edison transcontinental program, NBC
6:30 p.m.—General Motors family party, NBC
7:30 p.m.—"Empire Builders," NBC
8 p.m.—Rudy Seiger's Shell Symphonists, NBC
9 p.m.—Voice of Firestone, NBC
9:30 p.m.—Son-A-Tone broadcast
10 p.m.—Orchestra; Ve Ona Socolofsky
10:30 p.m.—"Something About Everything"
10:35 p.m.—Orchestra; Ve Ona Socolofsky
11 p.m.—Theatre Froiic
22 midnight—Late news flashes

12 midnight—Late news flashes 12:15 to 12:30 a.m.-Zita Dillon; James Harvey 243.8 Meters KYA 1230 Kcys.

Channel 123 1000 Watts Pacific Broadcasting Corp., San Francisco

7 to 8 a.m .- Vim, Vigor and Vitality exercises,

8 to 9 a.m.—KYA morning glories 9 to 10 a.m.—Sally Cooke, better homes girl 10 to 11 a.m.—Recorded program 11 to 12 non—California sunshine hour

11 to 12 noon—California sunshine hour
12 to 12:15 p.m.—News items
12:15 to 12:30 p.m.—Recorded program
12:30 to 1:30 p.m.—Pacific Salon Orchestra
1:30 to 1:50 p.m.—Recorded program
1:50 to 2 p.m.—Dr. Buren L. Corley
2 to 3 p.m.—Pacific Salon Orchestra
3 to 4 p.m.—Bridge party hour
4 to 4:15 p.m.—Newscasting
4:15 to 5 p.m.—Recorded program
5 to 5:30 p.m.—Who's Who Travelogues
5:30 to 6 p.m.—Studio program
6 to 6:30 p.m.—News items and Golden Gate
Cryer

Cryer 6:30 to 7 p.m.—Vitaphone Jubilee, Columbia system

tem
7 to 7:30 p.m.—Americana, Golden Gate Gypsies, Herman Kenin directing
7:30 to 8 p.m.—Pacific Artists' Trio, ABC
8 to 9 p.m.—An Hour on Broadway, with Pacific Salon Orchestra
9 to 0:20 p.m. Weadwind enemble

9:30 p.m.—Woodwind ensemble 9:30 to 10 p.m.—Dance Time, with Golden Gate Gypsies, Herman Kenin directing, ABC 10 to 11 p.m.—Pacific Salon Orchestra 11 to 12 midnight—Dance time, Golden Gate

Gypsies, ABC

384.4 Meters KTM Channel 78 780 Kcys. 500 Watts Pickwick Broad. Corp., Santa Monica, Calif.

6 to 8 a.m.-Popular Panatrope program

6 to 8 a.m.—Popular Panatrope program
8 to 10 a.m.—Bert's request program
1 to 1:30 p.m.—Three Red Peppers
1:30 to 2 p.m.—Classical recordings
2 to 2:30 p.m.—Lola
2:30 to 3:20 p.m.—Popular recordings
3:20 to 3:30 p.m.—Berlltz Spanish lesson
3:30 to 4 p.m.—Alice Piercy, organist
4 to 5 p.m.—Merchants' Publicizing Hour
8 to 8:30 p.m.—El Camino String Quintet
8:30 to 9:30 p.m.—Dance orchestra; Loyce Whiteman; Polly Hall

man; Polly Hall 9:30 to 10 p.m.—Dance orcnestra, hoyce winte-man; Polly Hall 9:30 to 10 p.m.—Organ; concert trio 10 to 11 p.m.—KTM concert orchestra 11 to 1 a.m.—Sebastian's Cotton Club in Culver

483.6 Meters KGW Channel 62 620 Kcys. 1000 Watts The Morning Oregonian, Portland, Oregon

7:15 to 7:30 a.m.—Y. M. C. A. health exercises 8 to 9 a.m.—Shell Happy Time 9:30 to 10 a.m.—Chamber of Commerce talk 10 to 10:30 a.m.—The Town Crier 10:30 to 11:30 a.m.—"Women's Magazine of the Air," NBC

11:30 to 12 noon—Continuation of Town Crier

11:30 to 12 noon—Continuation of Town Crier
12 to 1 p.m.—Luncheon concert
2 to 2:20 p.m.—Stock market quotations
6 to 6:30 p.m.—Edison program, NBC
6:30 to 7:30 p.m.—General Motors Corporation
family party, NBC
7:30 to 8 p.m.—"The Empire Builders," NBC
7:30 to 8 p.m.—"The Empire Builders," NBC

1.30 to 5 p.m.—The Empire Builders," NBC 8 to 9 p.m.—Seiger's Shell Symphonists, NBC 9 to 9:30 p.m.—Firestone program, NBC 9:30 to 10 p.m.—"Plantation Echoes," NBC

10 to 11 p.m.—Ben Selling's Boys and Collegiates

322.4 Meters KFWI 930 Kcvs.

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif.

9 to 10 a.m.—Musical breakfast program 10 to 10:30 a.m.—Charlie Glenn, News in Rhyme and Songs of Yesteryear 10:30 to 11 a.m.—Studio program

11 to 12 noon—Morning concert 12 to 1 p.m.—Luncheon program

12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Cal King's Country Store
6 to 6:55 p.m.—Dinner hour program
6:55 to 7 p.m.—Police reports of missing people
8:30 to 9 p.m.—May Josephi-Kincaid's dramatic
players present "Speaking to Father," a comedy in one act, by George Ade; cast: Septimus
Pickering, Stafford Rehan; Luella Pickering,
May Josephi Kincaid; Edward Swinger,
Horace Dawson; Caroline Pickering, Betty
Thomas; Professor Bliss, William Martin
9 to 10 p.m.—Musical program
10 to 11 p.m.—Dance music

10 to 11 p.m.-Dance music

508.2 Meters 590 Kcys.

KHQ

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 a.m.—Inspirational services
7 to 7:30 a.m.—Bailey's Period of Pep
7:30 to 8 a.m.—Model Boot Fashions
8 to 9 a.m.—Happy Time Hour
9 to 10 a.m.—Household Service

10 to 10:30 a.m.—Sara Leigh's Hour with Women 10:30 to 11:30 a.m.—Woman's Magazine of the

Air, NBC

10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC

11:30 to 12 noon—Farmers' Service Hour
12 to 12:30 p.m.—Musical programs
12:30 to 1 p.m.—Steinite information
1 to 1:30 p.m.—Miss Modern
1:30 to 2 p.m.—Fur Facts
2 to 3 p.m.—Washington Home Service
3 to 3:30 p.m.—Bailey's concert
3:30 to 4 p.m.—Musical programs
4 to 4:30 p.m.—Paint o' Mine" period
4:30 to 5 p.m.—Empire home hints
5 to 5:45 p.m.—Empire home hints
5 to 5:45 p.m.—Edison Electric transc., NBC
6:30 to 7:30 p.m.—Edison Electric transc., NBC
6:30 to 7:30 p.m.—General Motors, NBC
7:30 to 8 p.m.—Firestone, NBC
9 to 9:30 p.m.—Firestone, NBC
9 to 9:30 p.m.—Firestone, NBC
9:30 to 9:45 p.m.—Simplex singing banjoist
9:45 to 10 p.m.—Alice in Launderland
10 to 10:30 p.m.—Musical Truck Drivers
10:30 to 12 midnight—Spokane Coyotes
12 to 12:30 a.m.—Trues Oil

12 to 12:30 a.m.—Trues Oil 12:30 to 1 a.m.—Desert Happy Caravan

272.6 Meters **KJBS**

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif.

7 to 8 a.m.-Early Bird hour 8 to 8:45 a.m.—Favorite recordings 8:45 to 9 a.m.—Prof. Nier, physical culture 9 to 9:30 a.m.—Embassy popular program 9:30 to 11:30 a.m.—Vocal and instrumental 9:30 to 11:30 a.m.—Vocal and instrumenta 11:30 to 1 p.m.—Orthophonic recordings 1 to 1:45 p.m.—Raymond Melodists 1:45 to 2 p.m.—Dr. Wiseman, health talk 2 to 3 p.m.—Concert recordings 3 to 4 p.m.—Letterman Hospital period 4 to 5:30 p.m.—Record varieties

322.4 Meters **KFWM** Channel 93 500 Watts 930 Kcvs. Oakland Educational Society, Oakland, Cal.

8 to 9 a.m.-Max's hour of recordings 2:30 to 3:30 p.m.-Musical program under the direction of Pha Fraser

4:30 to 5 p.m.—Don's half hour of happiness 5 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom of world news

7 to 8 p.m.—Doc Herrold 8 to 8:30 p.m.—The Watch Tower program: Bible lecture, C. H. Martin

340.7 Meters 880 Kcvs.

Channel 88 500 Watts

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises 8 to 9 a.m.—Jean Kent 9 to 9:10 a.m.-Bellco talk

9 to 9:10 a.m.—Belico talk 9:10 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Opening stocks, weather 10:30 to 11 a.m.—Home Economics Hour 11 to 12 noon—Recordings 12 to 1 p.m.—Machado's KLX Hawaiians 1 to 2 p.m.—Jean's Hi-Lights

to 2 p.m.—Jean Bri-Lights
2 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Opportunity Hour
3:30 to 4:30 p.m.—Recordings
4:30 to 5 p.m.—Chas. T. Besserer, organ recital
5 to 5:30 p.m.—Brother Bob
5:30 to 5:50 p.m.—Cressy Ferra, jazz pianist

5:50 to 6 p.m.—Curtain calls

5:30 to 6 p.m.—Cutain cans 6 to 7 p.m.—Hotel Oakland concert trio 7 to 7:30 p.m.—News broadcast 7:30 to 8 p.m.—The Alabam Orchestra 8 to 9 p.m.—Helen Wegman Parmelee 8 to 9 p.m.—Helen Wegman ist; Yvonne Sullivan, soprano 9 to 10 p.m.—Charmant Trio Parmelee, pian-

Channel 83 361.2 Meters KOA 12.500 Watts 830 Kcvs.

General Electric Co., Denver, Colorado

5 to 5:30 p.m.—Second U. S. Engineers' Band, Fort Logan, Colo. 5:30 to 6 p.m.—Automatic Duo Disc program,

6:30 p.m.—Merchants' Biscuit program 6:30 to 7:30 p.m.—General Motors Family hour, NBC

7:30 to 8 p.m.—"The Empire Builders," NBC 8 to 8:05 p.m.—"The Road to Financial Independence"

8:05 to 9 p.m.—General Electric hour, Denver Concert Orchestra and General Electric male quartet

9 to 9:30 p.m.—The Voice of Firestone, I 9:30 to 10 p.m.—Plantation Echoes, NBC 10 to 11 p.m.—Slumber music, NBC

230.6 Meters **KTBI** Channel 130 1000 Watts 1300 Kcvs. Bible Institute of Los Angeles, California

8 to 8:15 a.m.—Uncle Harry's Bible story

8:15 to 8:45 a.m.—Devotional service 8:45 to 9:15 a.m.—Announcer's hour 9:45 to 10:35 a.m.—Home Folks request hour

9:45 to 10:35 a.m.—Home Folks request hour 10:35 to 11:30 a.m.—Doctrinal lecture 11:30 to 12 noon—Studio music 12 to 12:15 p.m.—Chimes and Scripture reading 1 to 1:15 p.m.—Agnes Bridge, soprano 1:15 to 2 p.m.—Faculty music hour 2 to 2:30 p.m.—Rev. W. P. Reedy 7 to 7:45 p.m.—Special music 7:45 to 8:15 p.m.—Bethesda Presbyterian Church Choir Choir

8:15 to 9 p.m.—Evening school lecture 9 to 10 p.m.—Studio musical hour

468.5 Meters Channel 64 KFI 640 Kcvs. 5000 Watts Copyright 1929, E. C. Anthony, Inc., L. A.

8 a.m.—Shell Happy Time from KPO 10:30 a.m.—Woman's Magazine, NBC 11:30 a.m.—Ivar

12 noon—Department of Agriculture talks
12:15 p.m.—Federal and state market reports
12:25 p.m.—Shirley Reid, plano and song

1 p.m.—Noreen Gamille, character sketches; 2 p.m.—Wilfred Butterworth; Leon Archer 3 p.m.—L. A. Fire Dept. Orchestra, Dorothy

p.m.—L. A. Fire Dept. Orchestra, Dorothy Green, soloist
 p.m.—Hugo Escobar, Spanish lessons; Fred Skinner, jazz pianist; Ruby Berry, blues.
 p.m.—Uncle Don
 p.m.—Senator George W. Cartwright
 p.m.—Edison program, NBC
 p.m.—General Motors Family Party, NBC
 p.m.—General Motors Family Party, NBC
 p.m.—Seiger's Shell Symphonists, NBC
 p.m.—Voice of Firestone, NBC
 p.m.—Paul Roberts and John Schonberger

9:30 p.m.-Paul Roberts and John Schonberger

10 p.m.-Packard Concert Orchestra

285.5 Meters Channel 105 1050 Kcvs.

L. A. Evening Express, Los Angeles, Calif. 6:45 to 8 a.m.—Exercises by Dr. P. M. Seixas 8 a.m.—Inspirational talk and morning prayer 9 to 9:30 a.m.-Musical program

5000 Watts

8 a.m.—Inspirational taik and morning played 9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Shopping news 10 a.m.—Town Crier of the day 10:30 a.m.—Household Economics 11 to 11:30 a.m.—Courtesy program 12 to 12:30 p.m.—Musical program 12:30 to 2 p.m.—The Bookworm 2 to 2:30 p.m.—Courtesy program 2:30 to 3 p.m.—Courtesy program 2:30 to 3 p.m.—Musical program 3:30 to 4 p.m.—C. P. R's musical program 4:25 p.m.—Perfect eyesight without glasses, by Dr. Wesley M. Barrett 5 to 5:45 p.m.—Chet Mittendorf 5:45 to 6 p.m.—Town Crier's amusement tips 6 to 6:30 to 7 p.m.—Organ recital, C. Minor 6:30 to 7 p.m.—String quintet, Paul Finstein directing

directing

7 to 7:30 p.m.—Feature program
7:30 to 8 p.m.—One-act play under the direction of Georgia Fifield

8 to 8:30 p.m.—Tom Brenneman and Tom 8:30 to 9 p.m.—Feature program 9 to 10 p.m.—Courtesy program

10 to 12 midnight—Gus Arnheim's dance chestra

12 to 1 a.m.-Dorado Club dance hour

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296.6 Meters Channel 101 KOW 1010 Kcys. 500 Watts First Baptist Church, San Jose, California

10 to 11 a.m.-The Helpful Hour

11 to 11:15 a.m.—Belco program 11:45 to 12 noon—Leonard & Holt program 12 to 12:30 p.m.—News items

12:30 to 1 p.m.—Farm market and weather reports

1 to 1:30 p.m.—Hart's store half hour 1:30 to 2:30 p.m.—The Friendly Hour 2:30 to 3:30 p.m.—Second Street musical hour

3:30 to 4 p.m.—Fanchon's style chat 4 to 5 p.m.—Sunshine hour with "W. K." 5 to 5:15 p.m.—Leonard & Holt program 5:15 to 5:30 p.m.—Fifteen minutes at Franco's

5:30 to 6 p.m.—Pal's Big Brother hour 6 to 6:20 p.m.—U. S. D. A. Farm School 6:20 to 6:50 p.m.—Farm market reports and weather

water (1) water (1) water (2) water (2) water (3) water (4) water

9 to 9:30 p.m.—Weeks Sectivariety program
9:30 to 10 p.m.—Crop digest Securities Corporation

291.1 Meters

Channel 103 CNRV 1030 Kcvs. 500 Watts Canadian National Rys., Vancouver, B. C.

10 a.m.—Morning hour of music10 p.m.—Genesis, Chronicle, Willie and Euphonious, four Continental Limited porters, in a musical and comedy review

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TUESDAY Programs

Feb. 19, 1929



Frank Holiday, Jr. KLX-9:00 p.m.



Barbara Dailey and Doris Barclay KJBS-3:00 p.m.



Jack Hillman KPO—2:00 p.m.



Arthur Kay KHJ-Musical Director

Channel 61 491.5 Meters KFRC 1000 Watts 610 Kcvs. Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.-Simpy Fitts from Seal Rocks 9 to 9:30 a.m.—Georgia O. George 10 to 11:30 a.m.—Studio program 11:30 to 11:45 a.m.-Amateur auditions 11:45 to 12 noon-Harmony team 12 to 1 p.m.-Sherman, Clay noonday concert 3 to 4 p.m.—Matinee concert orchestra 4 to 4:30 p.m.—Bridge lessons and news 4 to 4:30 p.m.—Bridge lessons and news
4:30 to 4:35 p.m.—Something About Everything
4:35 to 4:40 p.m.—News; lost and found
4:40 to 4:55 p.m.—Mac and his gang
4:55 to 5:30 p.m.—Town topics
5 to 5:30 p.m.—Don Lee broadcasting system
5:20 to 6 p.m.—Empropring's children's hour 6:30 to 6 p.m.—Emporium's children's hour 6 to 6:30 p.m.—'Bobs,'' noted sports authority 6:30 to 7 p.m.—Embassy Theatre program 7 to 7:30 p.m.-KFRC concert orchestra and soloist 7:30 to 8 p.m.—Cecilians 8 to 9 p.m.—Concert program 9 to 10 p.m.—Program from KHJ, Los Angeles 10 to 10:10 p.m.—Amos 'n' Andy 10:10 to 11:10 p.m.—Program from KHJ 11:10 to 12:10 a.m.—Tom Gerunovich orchestra, O'Brien and Moritz during intermissions

KTM Channel 78 384.4 Meters 780 Kcys. 500 Watts Pickwick Broad. Corp., Santa Monica, Calif.

6 to 8 a.m.-Popular Panatrope program

to 1:30 p.m.—Bert's request program
to 1:30 p.m.—Three Red Peppers
1:30 to 2 p.m.—Classical recordings
to 2:30 p.m.—Lola
2:30 to 3:30 p.m.—Municipal Band concert
3:20 to 3:30 p.m.—Records 3:30 to 4 p.m.-Alice Piercy, organist 4 to 5 p.m.—Merchants' publicizing hour 4 to 5 p.m.—Merchants' publicizing nour 8 to 8:30 p.m.—El Camino String Quintet 8:30 to 9 p.m.—Oro Blanco Stompers; Hale Hooper; Polly Hall 9 to 9:30 p.m.—Dance orchestra 9:30 to 10:30 p.m.—KTM Concert Orchestra in Italian program 10:30 to 11 p.m.-Dance orchestra 11 to 1 a.m.-Sebastian's Cotton Club

545.1 Meters Channel 55 KTAB 550 Kcvs. 500 Watts Pickwick Broadcasting Co., Oakland, Calif.

8 to 9 a.m.—Ray Raymond's tabloid of the air 9 to 9:30 a.m.—Prayer hour 9:30 to 10 a.m.—Dr. J. Douglas Thompson 10 to 10:30 a.m.—Studio program 10:30 to 11 a.m.—Chat with Ruth 11 to 11:30 a.m.—Al Ryan and studio program 11:30 to 12 noon—Popular recordings 11:30 to 12 noon—Foundar recordings
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Studio program
2:30 to 3 p.m.—Morton, Carlson and Moran
3 to 4 p.m.—Pickwick Versatilians in musical hits; Lucille Enderley, soloist 4 to 5 p.m.-KTAB Salon Orchestra; Leon Strashun, director; Joan Ray, soloist 5 to 6 p.m.—Brother Bob's froic 6 to 6:30 p.m.—Animo Light half hour 6:30 to 7 p.m.—Twilight hour b:30 to T p.m.—Twilight hour
7 to 8 p.m.—States Restaurant concert orchestra
8 to 8:15 p.m.—Careers for Women
8:15 to 9:15 p.m.—Pickwick Versatillans, Leon
Strashun, director; Henry Karpenstein, soloist
9:15 to 10:15 p.m.—Salon orchestra; Leon Strashun, director; Millicent Benioff, contralto
10:15 to 10:29 p.m.—Viscola vocaliza Lei Tental

10:30 to 11 p.m.—Studio program 11 to 12 midnight-Night Owls with Pick and Wick

10:15 to 10:30 p.m.-Lincoln reading, Hal Bur-

12 to 1 a.m.-Brother of the Night

mister

230.6 Meters Channel 130 KTBI 1300 Kcvs. 1000 Watts Bible Institute of Los Angeles, California

8 to 8:15 a.m.-Uncle Harry's Bible story 8:15 to 8:45 a.m.—Devotional service 8:45 to 9:15 a.m.—Announcer's hour 9:15 to 9:45 a.m.—Radio Bible course 9:45 to 10:35 a.m.—Lecture 9:40 to 10:35 a.m.—Lecture 10:35 to 11:30 a.m.—Doctrinal lecture 11:30 to 12 noon—Dr. W. E. Edmonds 12 to 12:15 p.m.—Chimes and Scripture reading 1 to 1:15 p.m.—Winifred Kopp, contralto 1:15 to 2 p.m.—Question Box 2 to 2:30 p.m.—Rev. Daniel Coyner

TUESDAY Programs

American Broadcasting Company
6:45 to 7:45 a.m.—Vim, Vigor and Vitality
Broadcast through KJR, KEX, KGA, KYA
and KMTR.
8 to 9 a.mThe Golden Hour Orchestra; inter-
missions
Broadcast through KJR, KEX and KGA.
9 to 9:30 a.mMary Cooke Better Homes pro-
gram
9:30 to 9:45 a.m.—Novelty program, Glenn Eaton
and Marjorie Robillard
Broadcast through KJR, KEX and KGA.
3:45 to 10 a.m.—Morning devotional services
Broadcast through KJR, KEX and KGA.
10:30 to 10:45 a.m.—Georgia O. George, hair
culture
Broadcast through KJR, KEX and KGA.
11 to 12 noon—American Reveillers
Broadcast through KJR, KEX and KGA.
12 to 12:15 p.m.—Late news events
Broadcast through KJR, KEX and KGA.
12:15 to 12:30 p.m.—Novelty program, Glenn
Eaton and Marjorie Robillard
Broadcast through KJR, KEX and KGA.
12:30 to 1:30 p.m.—American Artistic Ensemble.
Soloists: Virginia Strong, soprano, and Hay-
den Morris, Welsh basso Broadcast through KJR, KEX and KGA
Divaduasi infough KJR, KEX and KGA.

Broadcast through KJR, KEX and KGA.
1:30 to 2 p.m.—G. Donald Gray, baritone, and
Sydney Dixon, tenor, in recital
Broadcast through KJR, KEX and KGA.
2 to 3 p.m.—American Salon Orchestra, under
the direction of Francesco Longo. Assisting
soloists: Dorothy Lewis, contralto, and Gor-

soloists: Dorothy Lewis, contralto, and Gordon Onstad, tenor
Broadcast through KJR, KEX and KGA.

to 4 p.m.—Vic Meyers and his popular recording orchestra; intermission novelties
Broadcast through KJR, KEX and KGA.

to 5 p.m.—American Salon Orchestra, under the direction of Francesco Longo. Assisting soloists: Virginia Strong, coloratura soprano, and G. Donald Gray, baritone
Broadcast through KJR and KEX

to 6 p.m.—Vic Meyers and his popular recording orchestra

cording orchestra

Broadcast through KJR and KEX.
6 to 7 p.m.—Old Gold Paul Whiteman program
CBS from New York
Broadcast through KJR, KEX, KGA, KYA,
KMTR, KLZ and KDYL.
7 to 8 p.m.—Volce of Columbia, CBS from New
York

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ. to 9 p.m.—Wrigley program, CBS from New York

Broadcast through KJR, KEX, KGA, KDYL,

KYA, KMTR and KLZ.
9 to 9:30 p.m.—Mixed quartet
Broadcast through KJR, KEX and KGA. 9:30 to 10 p.m.-Paul Bunyan Stories, ABC, Seattle

Broadcast through KJR, KEX, KGA, KLZ, KYA, KMTR and KDYL.

10 to 11 p.m.—American Philharmonic Orchestra, under the direction of Francesco Longo
Broadcast through KJR, KEX, KGA, KLZ,
KYA, KMTR and KDYL.

11 to 12 midnight—Vic Meyers and his record-

ing orchestra in a program of late popular dance music

Broadcast through KJR, KEX, KGA and

KMTR.

379.5 Meters KGO Channel 79 790 Kcvs. 10,000 Watts General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California home life 10:30 to 11:30 a.m.—"Woman's Magazine of the Air" NBC 11:30 to 11:45 a.m.—"The Park Bench," NBC 11:45 to 12 noon—Fleischmann program. NBC 11:45 to 12 noon—Fleischmann program, NBC
12 to 1 p.m.—Rembrandt Trio
3 to 4 p.m.—Wayside Inn, NBC
4 to 5 p.m.—Hotel St. Francis Concert Orchestra; Edward J. Fitzpatrick, director
5 to 5:30 p.m.—"What's Happening in the
World," John D. Barry
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F.
produce: news produce; news to 7:30 p.m.—Eveready hour, NBC 7 to 7:30 p.m.—Clicquot Club Eskimos, NBC 7:30 to 8 p.m.—Freed-Eisemann Orchestradians, NBC NBC 8 to 8:30 p.m.—Jonesey and Mabel, NBC 8:30 to 9 p.m.—Don Amaizo, NBC 9 to 10 p.m.—The Pilgrims—in France; August Hinrichs, director; Helen Lowe, soprano Orchestra-Suite Trianon.....Lach Minuet—Passpied—Aria—Gavotte Lachaume Soprano solos-Jardin D'Amour Weckerlin Orchestra-Minuet from Septuor for two violins, alto, cello, bass and piano......Saint-Saens Grand Fantasie (Faust).....Gounod Debussy Open Thy Blue Eyes...... Massenet Orchestra Uila—Valse Français.....Kopp Serenade De PierrotGillet Papillon Chanson de Marie Antoinette.....Jacobson Orchestra-

243.8 Meters KYA 1230 Kcys.

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco

Le Secret Gauger
10 to 10:15 p.m.—"DX Flashes"

7 to 8 a.m.—Vim, Vigor and Vitality exercises, with orchestra, ABC
8 to 9 a.m.—KYA morning glories
9 to 10 a.m.—Sally Cooke, better homes girl
10 to 10:30 a.m.—Recorded program
10:30 to 10:40 a.m.—Dr. Buren L. Corley
10:40 to 11 a.m.—Recorded program
11 to 12 noon—California sunshine hour
12 to 12:15 n m.—News items

12 to 12 noon—California sunshine hour 12 to 12:15 p.m.—News items 12:15 to 12:30 p.m.—Tuesday Noon Club 12:30 to 1:30 p.m.—Golden Gate Gypsies 1:30 to 2 p.m.—Babbette, fashion authority 2 to 3 p.m.—Pacific Salon Orchestra 3 to 4 p.m.—Bridge party hour

3 to 4 p.m.—Bridge party hour
4 to 4:15 p.m.—Newscasting
4:15 to 5 p.m.—Recorded
5 to 5:30 p.m.—Who's Who Travelogues
5:30 to 6 p.m.—Studio program
6 to 7 p.m.—The Old Gold program, featuring
Paul Whiteman's band

to 8 p.m.—Voice of Columbia to 9 p.m.—The Wrigley hour, with Guy Lom-bardo's Royal Canadians

9 to 9:30 p.m.—Pacific Salon Orchestra 9:30 to 10 p.m.—Paul Bunyan's stories, 10 to 11 p.m.—American Philharmonic Orchestra. ABC

11 to 12 midnight-Vic Meyers' Orchestra, ABC

TUESDAY Programs

National Broadcasting Company

10:30 to 11:30 a.m.—"Woman's Magazine of the Air"

Lenten dishes will be the theme of Ann Holden's Wedgewood feature talk.

Miss Holden will present a recipe for mak-Miss Holden will present a recipe for making several dishes which do not require meat, while Mammy Sperry will greet her "radium neighbors" as she comes before the microphone for the Sperry feature.

Musical entertainment will be provided by

NBC artists, introduced by Bennie Walker. Broadcast through KHQ, KOMO, KGW,

Holden Ho looks on life and conditions.

Broadcast through KHQ, KOMO, KGW

and KGO.

11:45 a.m. to 12 noon-Fleischmann Food Club Miss Harriette Wilson, food expert, will deal with problems of home-making in her brief discourse.

Broadcast through KHQ, KOMO, KGW.

KGO, KPO and KFI. 3 to 4 p.m.—Wayside Inn

This entertainment of today is set in the Boar's Head Tavern, where, in the old days, famous people in the life of England were accustomed to meet after the hunt. England at that time was in the throes of a political upheaval.

through KHQ, KOMO, KGW. Broadcast

KGO and KPO.

to 7 p.m.—Eveready Hour will be broadcast through KHQ, KOMO, KGW, KGO, KPO and

7 to 7:30 p.m.—Clicquot Club Eskimos
Bidding auditors "Shout Hallelujah" to the

tune of Dixon's syncopating foxtrot, the Clicquot Club Eskimos will open another half hour of sparkling dance music in the nation-wide broadcast through NBC system stations

"Happy Humming Bird," by Woods, a Russian dance called "The Cossacks" from Bendix's "The King's Bal Masque," and "Outdix's "The King's Bal Masque," and "Outside," a new number by Flynn, are also programmed. Harry Reser, banjo soloist, directs the Clicquot Club Eskimos during the broad-

A stirring Sousa march, "Under the Double Eagle," concludes the program. Broadcast through KHQ, KOMO, KGW.

KGO, KPO and KFI.

7:30 to 8 p.m.—Freed-Eisemann Orchestradians Featuring Emily Wooley as soloist, the Freed-Eisemann Orchestradians will broad-cast a musical program through a coast-to-coast network of NBC System stations tonight.

The Orchestradians, a thirty-five-piece dance orchestra led by Hugo Mariani, are to present two medleys during the program—one a "blue" medley and the other a group of "dream songs."

"Chauve Souris" melody, "Olaf," con-

cludes the half hour.

Broadcast through KHQ, KOMO, KGW,

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

8 to 8:30 p.m.—"Jonesey and Mabel"

This young couple, married only a few weeks ago, is just becoming adjusted to life in a new home. Situations are continually arising which, although amusing to the listener, are not quite so humorous to "Jonesey and Mabel." The majority of their predicaments are due to apparently trivial causes. Their next-door-neighbor, aptly called "Rodney to the Rescue," is usually on hand to help the newlyweds settle their difficulties. The role of "Mabel" is played by Bobbe Dean and that of "Jonesey" is portrayed by Bert Horton. "Rodney" is acted by Ted Maxwell.

Maxwell

Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI. 8:30 to 9 p.m.—Don Amaizo

The wizard of the Three B's-the bow, the bar and the baton-will be heard in two violin solos, while descriptive music will be played by the orchestra as the interpreter continues his narrative of the Don's adventures. Lehar's "Frasquita" and Kreisler's "Liebesfreud are the solos.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
10 to 11 p.m.—Radio Keith's hour (tentative;

may be changed to 11-12)
10 to 12 midnight—Dance music by the Trocaderans will be broadcast through KPO from 10 to 12 o'clock, and through KFI from 10 to 11 o'elock

236.1 Meters KOL Channel 127 1270 Kcvs. 1000 Watts

Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset's Musical Klock

8:45 to 9:30 a.m.—A program of general interest 9:30 to 9:45 a.m.—The Market Basket

9:45 to 10 a.m.—Aunt Sammy's chat 10 to 10:10 a.m.—Soups and Chowders

10 to 10:10 a.m.—Soups and Chowders
10 to 11 a.m.—Household topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints
11:15 to 12 noon—Musical moments
12 to 12:15 p.m.—Organ concert, F. C. Feringer
12:15 to 12:30 p.m.—Farm flashes, livestock
12:30 to 1:30 p.m.—Kiwanis Club luncheon
2 to 3 p.m.—Matinee melodies
3 to 4 p.m.—Organ concert, F. C. Feringer
4 to 4:30 p.m.—Twilight time
4:30 to 5 p.m.—News items; weather report
5 to 6 p.m.—Service hour

4:30 to 5 p.m.—News items; weather report 5 to 6 p.m.—Service hour 6 to 7:30 p.m.—Music; "Newscasting" 7:30 to 8 p.m.—Symphony hour 8 to 8:30 p.m.—Concert program 8:30 to 9 p.m.—Studio program 9 to 9:15 p.m.—Amos 'n' Andy 9:15 to 9:30 p.m.—Pacific Trade program 9:30 to 10 p.m.—Radio auction bridge game 10 to 12 midnight—Denga program 9:30 to 10 p.m.—Radio auction bridge game

10 to 12 midnight—Dance program

232.6 Meters KDYL Channel 129 1290 Kcvs. Intermountain Broad. Corp., Salt Lake City

6 p.m.-Columbia Broadcasting System presenting Old Gold program with Paul Whiteman

and his band 7 p.m.—Columbia Broadcasting System featuring Wrigley hour with Guy Lombardo and

8 p.m.—Columbia Broadcasting System present-ing Wrighly hour with Guy Lombardo and his Royal Canadians

9 p.m.—Broadcast from Rainbow Gardens 10 p.m.-Philharmonic Orchestra, ABC

440.9 Meters Channel 68 680 Kcvs. 5000 Watts Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.—S & W health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock

to 9 a.m.—Shell Happy Time, by Hugh Bar-rett Dobbs and William H. Hancock, assisted by the Pepper Maids and Kenneth Rowley, baritone

9:30 to 10 a.m.-Dobbsie's daily chat

10 to 10:30 a.m.—Doubsie's daily char 10 to 10:30 a.m.—Annabelle Lee for Langendorf 10:30 to 11:30 a.m.—Magazine of the Air, NBC 11:30 to 11:45 a.m.—Ye Towne Cryer and organ 11:45 to 12 noon—Fleishmann program, NBC 12 to 12:10 p.m.—Time; Scripture reading; special announcements

12:10 to 1 p.m.-Noon concert with Cy Trobbe,

violinist, and Roberta Leitch, soprano

1 to 1:30 p.m.—Jerry Jermaine for Hale Bros.

1:30 to 2 p.m.—Anne Warner's home chats

2 to 2:30 p.m.—House of Dreams, conducted by

Paul Pitman, with Jack Hillman, baritone

2:30 to 2:45 p.m.—Secrets for Women Only

2:30 to 2:45 p.m.—Secrets for Women Only
2:45 to 3 p.m.—Stock market quotations
3 to 4 p.m.—Wayside Inn, NBC
4:30 to 5 p.m.—Bridge lesson
5 to 6 p.m.—Children's hour by Big Brother
6 to 7 p.m.—Eveready hour, NBC
7 to 7:30 p.m.—Clicquot Club, NBC
7:30 to 8 p.m.—Freed-Eisemann program, NBC
8 to 8:30 p.m.—'Jonesey and Mabel,' NBC
8:30 to 9 p.m.—Don Amaizo, NBC
9 to 9:30 p.m.—Chrysler program
9:30 to 10 p.m.—Tonimy Munroe and Bob Allen
10 to 11 p.m.—The Trocaderans, NBC
11 to 12 midnight—Radio Keith-Orpheum program, NBC (tentative)

gram, NBC (tentative)

333.1 Meters Channel 90 1000 Watts Don Lee, Inc., Los Angeles, California

7:30 to 8 a.m.—Physical culture period 8 to 9 a.m.—The Early Birds 9 to 9:30 a.m.—The Early Birds
9 to 9:30 a.m.—Late recordings
9:30 to 10 a.m.—Mona Content, pianist
10 to 10:15 a.m.—U, S. C. Chapel period
10:15 to 11:15 a.m.—Agnes White,
House' 11:15 to 11:30 a.m.-Dr. Eugene Brown, health

talk 11:30 to 12 noon—"Two Starving Song Writers"
12 to 12:30 p.m.—Biltmore Hotel concert orchestra

2:30 to 12:45 p.m.—World-wide news 12:45 to 1:30 p.m.—Talk by Governor Young 1:30 to 2 p.m.—Charlie Wellman's program 2 to 2:30 p.m.—Trojan half hour, U. of S. C. 2:30 to 3 p.m.—Street and Highway Safety

2:30 to 3 p.m.—Street and Highway Safety
3 to 4 p.m.—Matinee Melody Masters
4 to 4:30 p.m.—Dr. McCoy, health talk
4:30 to 5 p.m.—Studio program
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—KHJ Quintet
6 to 6:45 p.m.—Organ, Wesley B. Tourtellotte
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—KHJ Concert Orchestra
7:30 to 8 p.m.—Playlet featuring Edward May

7:30 to 8 p.m.—Playlet, featuring Edward Mur-

phey
8 to 9 p.m.—So. Cal. Edison Co. program
9 to 10 p.m.—Don Lee Symphony Orchestra
10 to 12 p.m.—Earl Burtnett's dance orchestra
12 to 1 a.m.—Organ and variety program

468.5 Meters KFI 640 Kcvs.

Channel 64 5000 Watts

Copyright 1929, E. C. Anthony, Inc., L. A. 8 a.m.—Shell Happy Time from KPO

9 a.m.—Musical program by Sylvia 10 a.m.—Sylvia's Happy Hour

10:30 a.m.-Woman's Magazine of the Air, NBC

11:30 a.m.—Woman's Magazine of the Art, N.
11:30 a.m.—Georgia O. George, lab.
11:45 a.m.—Fleishmann program, NBC
12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports

2 p.m.—Leon Archer, Idell Moyd, Hazel Shively and Eleanor Maegle

3 p.m.—Marie Lohlkar, contralto 4 p.m.—Jeanette Warner, acc. by Mae Irving, Katherine Lewis in plano and song p.m.-Uncle Don

5 p.m.—Uncle Don
5:30 p.m.—Prof. Carl S. Knopf
5:45 p.m.—Department of Commerce talks
6 p.m.—Eveready Hour (transcontinental), NBC
7 p.m.—Clicquot Club program, NBC
7:30 p.m.—Freed-Elsemann program, NBC
8 p.m.—"Jonesey and Mabel," NBC
8 p.m.—"Jonesey and Mabel," NBC
9 p.m.—Packard Concert Orchestra; Pryor Moore, director; Robert Hurd, tenor
9:30 p.m.—Paul Roberts: Schonberger Trio

9:30 p.m.-Paul Roberts; Schonberger Trio 10 p.m .- Dance music program, NBC

361.2 Meters **KOA**

Channel 83 12,500 Watts

General Electric Co., Denver, Colorado 5 to 5:30 p.m.—Stromberg-Carlson, NBC
5:30 to 6 p.m.—Farm Question Box
6 to 7 p.m.—Eveready hour, NBC
7 to 7:30 p.m.—Clicquot Club Eskimos, NBC
7:30 to 8 p.m.—Freed-Eisemann program, NBC
8 to 8:05 p.m.—Answers on financial questions
8:05 to 8:35 p.m.—Ben Bernie's Hotel Roosevelt
Orchestra, NBC

285.5 Meters Channel 105 KNX 1050 Kcys. 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 6:45 to 8 a.m.—Exercises by Dr. P. M. Seixas 8 a.m.-Inspirational talk and morning prayer

8 a.m.—Inspirational talk and morning praye
9 to 9:30 a.m.—Musical program
9:30 to 10 a.m.—Shopping news
10 a.m.—Town Crier of the day
10:30 a.m.—Household Economics
11 to 11:30 a.m.—Tom Mitchell, baritone
11:30 to 12 noon—French lessons by E. Leon
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
2:30 to 3 p.m.—Musical program
3 to 4 p.m.—C. P. R.'s musical program
4 to 4:15 p.m.—Garden talk by D. R. Kruci

to 4:15 p.m.-Garden talk by D. R. Kruckeberg

4:15 to 4:25 p.m.—Lost and found announcements

ments
4:25 to 4:30 p.m.—Stock market reports
4:30 to 5 p.m.—C. P. R's musical program
5 to 5:45 p.m.—Chet Mittendorf
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Organ recital, C. Minor
6:30 to 7 p.m.—String quintet, Paul Finstein directing

7 to 7:30 p.m.-Dr. Mars Baumgardt talking on popular science

7:30 to 8 p.m.-Tom Mitchell, baritone 8 to 9 p.m.—Hercules Gasoline Company pro-

9 to 10 p.m.—Feature program 10 to 12 midnight—Gus Ārnheim's dance or-

chestra 12 to 1 a.m.-Dorado Club dance hour

322.4 Meters 930 Kcvs.

KFWI

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises by Cal King 9 to 9:30 a.m.—Country Store

9:30 to 10 a.m.—Musical program 10 to 10:30 a.m.—Charlie Glenn, News in Rhyme and Songs of Yesteryear 10:30 to 11 a.m.—Studio program

12 to 1 p.m.—Luncheon program

12 to 1:30 p.m.—Cal King's Country Store 6 to 6:55 p.m.—Dinner hour program 6:55 to 7 p.m.—Police reports of missing people 8:30 to 9 p.m.—Hank Blank, blues

322.4 Meters 930 Kcys.

KFWM

Channel 93 500 Watts

Oakland Educational Society, Oakland, Cal.

8 to 9 a.m.-Max's hour of recordings

11 to 12 noon—Musical program 1:30 to 2:30 p.m.—Edna's enternainment hour 2:30 to 3 p.m.—A Kingdom Message, C. R. Welch, "Supreme and Delegated Power,"

3 to 4 p.m.—Organ recital, Paul Ralston 4 to 5 p.m.—Don's hour of happiness

5 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom of world news

5:30 to 6 p.m.—Kingdom of world news
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—The Watch Tower program;
Bible lecture, C. W. Gerdes
9 to 10 p.m.—Musical program; Leo King, accordianist: Jack Burton, soloist: Helen Benson, banjoist; Neva Mallen, popular songs
10 to 11 p.m.—Dolly Naydene's Frolic, Ted's
Musical Bears

325.9 Meters 920 Kcvs.

KOMO

Channel 92 1000 Watts

Fisher's Blend Station, Seattle, Washington

9:40 a.m.—Inspirational services 9:45 a.m.—"What to Prepare for Dinner" 10 a.m.—Son-A-Tone broadcast 10:30 a.m.—Women's Magazine of the Air, NBC 11:30 a.m.—The Park Bench, NBC

11:45 a.m.-Fleischman Yeast program, NBC

11:45 a.m.—Fleischman Yeast program, NBC
12 noon—Farm flashes; grain reports
12:15 p.m.—Totem Gyrators; Fred Lynch
12:15 p.m.—Constance Cook; Totem Gyrators
1:30 p.m.—Ve Ona Socolofsky; Alice Maclean
and Fred Lynch, duets
1:45 p.m.—Quintet; Rhena Marshall
2:45 p.m.—Joy Boys; Fred Lynch and Jimmie
Riddel, duets
3 p.m.—Wayside Inn, NBC
4 p.m.—Orchestra; Ve Ona Socolofsky; Rhena
Marshall and Jimmie Riddel, duets
5 p.m.—Kiddles' program
5:30 p.m.—Stock and bond quotations
5:45 p.m.—News and sport flashes
6 p.m.—Eveready hour, NBC
7 p.m.—Cliequot Cluh Eskimos, NBC
7:30 p.m.—Freed-Eisemann program, NBC

7:30 p.m.—Freed-Eisemann program, NBC 8 p.m.—Jonesy and Mabel, NBC 8:30 p.m.—Don Amaizo, NBC

9 p.m.—Schwabacher Symphony; Memory Turner, baritone

10 p.m.—Fisher's Dance Orchestra; "Nip & Tuck"; Venice Sandifur, blues
11 p.m.—Totem Dance Orchestra; "Nip & Tuck"

12 midnight—Late news flashes

12:15 to 12:30 a.m.-Zita Dillon; James Harvey

340.7 Meters 880 Kcys.

KLX

Channel 88 500 Watts

Tribune Publishing Co., Oakland, Calif.

to 8 a.m.—Exercises to 9 a.m.—Jean Kent

to 9:30 a.m.-Recordings

9:30 to 10 a.m.-Health questions

10 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Opening stocks, weather 10:30 to 11 a.m.—Home Economics hour

10:30 to 11 a.m.—Home Economics nour
11 to 12 nonn—Recordings
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 3 p.m.—Recordings
4:30 to 5 p.m.—Chas. T. Besserer, organ recital
5 to 5:30 p.m.—Brother Bob

5:30 to 5:50 p.m.—Cressy Ferra, jazz planist 5:50 to 6 p.m.—Curtain Calls

6 to 7 p.m .- Hotel Oakland concert trio

6 to 7 p.m.—Hotel Oakland concert trio 7 to 7:30 p.m.—News broadcast 7:30 to 8 p.m.—The KLX'ns 8 to 9 p.m.—John Wharry Lewis Quintet 9 to 10 p.m.—Popular song hits, Helen and Hazel, harmony team; Betty Kelly, soprano; Frank Holiday, Jr., tenor; George Peterson, tenor; Dorothy Lightner, planist 10 to 11 p.m.—Fleur de Lis Orchestra

508.2 Meters 590 Kcys.

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 a.m.—Inspirational services 7 to 7:30 a.m.—Bailey's Period of Pep 7:30 to 8 a.m.—Model Boot Fashions 8 to 8:30 a.m.—C. Andre 1st 8:30 to 9 a.m.—Kronenberg's program

to 10 a.m.-Household Service of to a.m.—Isolate Leigh's Hour with Women, Home Hints, Recipes, etc.

10:30 to 11:30 a.m.—Woman's Magazine of the

Air, NBC

11:30 to 11:45 a.m.—The Park Bench, NBC 11:45 to 12 noon—Fleischmann Yeast, NBC 12 to 12:15 p.m.—Talk on Smoke Salt

12 to 12:10 p.m.—1alk on Smoke Salt
12:15 to 1 p.m.—Chamber of Commerce luncheon
1 to 1:30 p.m.—Miss Modern
1:30 to 2 p.m.—Fur Facts
2 to 2:30 p.m.—Gems from Sartori
2:30 to 3 p.m.—Musical programs

2:30 to 3 p.m.—Wusical programs 3 to 4 p.m.—Wayside Inn, NBC 4 to 4:30 p.m.—"Paint o' Mine" p 4:30 to 5 p.m.—Kolster concert

4:30 to 5 p.m.—Kolster concert
5 to 6 p.m.—Service Hour
6 to 7 p.m.—Eveready program, NBC
7 to 7:30 p.m.—Clicquot Club Eskimos, NBC
7:30 to 8 p.m.—Freed-Eisemann program, NBC
8 to 8:30 p.m.—Jonesey and Mahel, NBC
8:30 to 9 p.m.—Don Amaizo, NBC
9 to 9:15 p.m.—Alice in Launderland
9:15 to 9:20 p.m.—Sports and news

9:15 to 9:30 p.m.—Sports and news 9:30 to 10 p.m.—KHQ Concert Orchestra

10 to 10:30 p.m.—Mission Orange Dry party 10:30 to 1 a.m.—Desert Happy Caravan

272.6 Meters 1100 Kcys.

KJBS

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif.

7 to 8 a.m.—Early Bird hour 8 to 9 a.m.—Instrumental recordings

8 to 9 a.m.—Instrumental recordings
9 to 9:30 a.m.—Embassy popular program
9:30 to 10:45 a.m.—Popular recordings
10:45 to 11 a.m.—Dr. Wiseman, health talk
11 to 12 noon—Favorite recordings
12 noon to 1 p.m.—Record varieties
1 to 1:30 p.m.—Raymond Melodists
1:30 to 3 p.m.—Record program
3 to 4 p.m.—Barbara Dailey and Doris Barclay

4 to 5:30 p.m.-Requested records

483.6 Meters 620 Kcvs.

KGW

Channel 62 1000 Watts

The Morning Oregonian, Portland, Oregon

8 to 9 a.m.-Portland Breakfast Club

9 to 9:15 a.m.-News of the world

9:15 to 9:30 a.m.-Women's setting-up exercises

9:30 to 10:30 a.m.—The Town Crier 10:30 to 11:30 a.m.—"Women's Magazine of the Air," NBC

11:30 to 11:45 a.m.-"The Park Bench," NBC 11:45 to 12 noon—Fleishmann program, NBC 12 to 1 p.m.—Luncheon concert

12 to 1 p.m.—Luncheon concert
2 to 2:20 p.m.—Stock market quotations
2:30 to 3 p.m.—Bridge game
3 to 4 p.m.—Wayside Inn, NBC
6 to 7 p.m.—Eveready hour, NBC
7 to 7:30 p.m.—Clicquot Club program, NBC
7:30 to 8 p.m.—Freed-Eisemann program, NBC
8 to 8:30 p.m.—'Jonesey and Mabel,' NBC
8:30 to 9 p.m.—Don Amaizo, NBC
9 to 9:30 p.m.—Myrrohl Melody Boys
9:30 to 10 p.m.—Program from KOMO
10 to 11 p.m.—Dance frolic from KOMO

291.1 Meters 1030 Kcvs.

CNRV

Channel 103 500 Watts

Canadian National Rys., Vancouver, B. C.

10 a.m.—Morning hour of music 9 to 9:30 p.m.—Program from our main studio 9:30 p.m.—Jackie Souders and his orchestra 10 p.m.—CNRV Concert Trio and assisting artists

11 p.m.—Dance music by the National Melodians, Charlie Pawlette, director

239.9 Meters 1250 Kcvs.

KFOX

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

8 to 8:15 a.m.—"Tadpole," the Buttercream Boy 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Musical program 9:20 to 9:50 a.m.—Organ recital 9:50 to 10 a.m.—Spanish program 10 to 10:10 a.m.—Hawaiian program 10:10 to 10:20 a.m.—Popular songs 10:20 to 10:30 a.m.—Salon music 10:30 to 11 a.m.—Organ recital

10:20 to 10:30 a.m.—Salon music
10:30 to 11 a.m.—Organ recital
11 to 11:10 a.m.—Mae Day beauty talk
11:10 to 11:20 a.m.—Banjo recordings
11:20 to 11:30 a.m.—Clarence"
11:30 to 11:50 a.m.—Early news report
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—Organ recital, Dick Dixon
12:30 to 1 p.m.—Stafford sisters, harmony duo, and Eva Balfour, blues: Doris Dolan
1 to 1:30 p.m.—Kiwanis Club luncheon
1:30 to 2:30 p.m.—"Clarence," Eva Balfour, Doris Dolan, accompanist

ris Dolan, accompanist 2:30 to 4:30 p.m.—News report
4:20 to 4:30 p.m.—Victarence"

4:30 to 4:30 p.m.—Clarence
4:30 to 5 p.m.—Old time dance music
5 to 5:30 p.m.—Organ recital, Dick Dixon
5:30 to 6 p.m.—Hancock Oil Company orchestra
6 to 6:05 p.m.—Lost and found department

6:05 to 6:45 p.m.—Ray Stillwell's band 6:45 to 7 p.m.—Talk, tubercular specialist 7 to 7:30 p.m.—Sunset Harmony Boys 7:30 to 8 p.m.—Pacific Coast Club orchestra 8 to 8:30 p.m.—Texas Cowboys 8:30 to 9 p.m.—Long Beach Municipal Band

9 to 11 p.m.—Musical program 11 to 12 midnight—Organ recital, Dick Dixon

315.6 Meters 950 Kcvs.

KFWB

Channel 95 1000 Watts

Warner Brothers, Hollywood, California

a.m.-Sunshine Melody Boys 9:30 a.m.-Harmony hour

11 a.m.—Shoppers' Directory

11 am.—Snoppers Date 12:30 p.m.—Alr Journal 1:30 p.m.—Housekeepers' Chat 2 p.m.—Ann Grey and Don Warner 4:30 p.m.—Radio Travel Tales

5 p.m.-Radio review

5:45 p.m.—Town Tattler

6:20 p.m.—Musical program 6:30 p.m.—Harry Jackson's entertainers

630 p.m.—rany y across a chrotianes.
7 p.m.—Concert quintet
7:30 p.m.—Amos 'n' Andy
7:45 p.m.—Daily news
8 p.m.—Wrigley program from New York over
the Columbia broadcasting system; Guy Lombardo's Royal Canadians

p.m.-Edgeworth Club program

9:30 p.m.-Blow by blow description of the Olympic Auditorium boxing bout

10:30 to 11:30 p.in.—Roy Fox's orchestra

296.6 Meters Channel 101 KOW 1010 Kcvs. 500 Watts First Baptist Church, San Jose, California

10 to 11 a.m.—The Helpful Hour

11 to 11:15 a.m.—Belco program 11:45 to 12 noon—Leonard & Holt program 12 to 12:30 p.m.—News items

12:30 to 1 p.m.-Farm market and weather reports

1 to 1:30 p.m.—Hart's store half hour 1:30 to 2:30 p.m.—The Friendly Hour 2:30 to 3:30 p.m.—Second Street musical hour

2:30 to 3:30 p.m.—Second Street musical hour 3:30 to 4 p.m.—Fanchon's style chat 4 to 5 p.m.—Sunshine hour with "W. K." 5 to 5:15 p.m.—Leonard & Holt program 5:15 to 5:30 p.m.—Fifteen minutes at Franco's 5:30 to 6 p.m.—Pal's Big Brother hour 6 to 6:20 p.m.—U. S. D. A. Farm School 6:20 to 6:50 p.m.—Farm market reports an weather reports and weather

6:50 to 7 p.m.-Farmers' Exchange

7 to 8 p.m.—California Farm Bureau news 8 to 9:30 p.m.—"You Never Can Tell Program" 9:30 to 10 p.m.—Crop digest

526 Meters 570 Kcvs.

Channel 57 KXA 500 Watts

American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.-Inspirational services 10:15 to 10:30 a.m.—Starting today right, with Miss Habit

10:30 to 11 a.m.—Recorded program 11 to 12 noon—Our Sunshine Hour

12 to 12:30 p.m.—Recorded program 12:30 to 1:30 p.m .- Advertising Club luncheon

4:30 to 5 p.m.—Rhymes and Reasons

4.30 to 5 p.m.—Recorded program
6 to 7 p.m.—Northwestern Crier Hour
7 to 7:30 p.m.—Bertha Ludington
7:30 to 7:45 p.m.—National Health Forum
7:45 to 8 p.m.—The Gypsies
8 to 9 p.m.—The Gypsies

7.35 to 8 p.m.—The Gypsies
8 to 9 p.m.—Popular music, featuring George
Lewis' Old Time Band, Babe Mitchell, soprano; J. E. Allan, tenor; Alice Bell and Dor-

othy Weber, duo 9 to 10 p.m.—Semi-classical music presented by Alene Zollicoffer, soprano; Florence Silver-stone, violinist; Warfield Rice, tenor; Bob White, baritone

10 to 11 p.m.—George Carroll's Merrymakers; Jack Medford, soloist

Feb. 20, 1929









Willard Schindler KGO-9:30 p.m.

"Jack" NBC-8:00 p.m.

"Ethvl" NBC-8:00 p.m.

Richard G. Montgomery KGW-6:15 p.m.

379.5 Meters KGO Channel 79 10,000 Watts 790 Kcys.

General Electric Co., Oakland, Califorina

9:30 to 10:30 a.m.—California home life 10:30 to 11:30 a.m.—"Woman's Magazine of the Air," NBC 11:30 to 1 p.m.-Rembrandt Trio

11:30 to 1 p.m.—Remorandt 1710

1 to 2 p.m.—The Pacific Vagabonds, NBC

2 p.m.—Weather, S. F. and N. Y. stocks

3 to 4 p.m.—"The Cabin Door," NBC

4 to 5 p.m.—Hotel St. Francis concert orchestra; Edward J. Fitzpatrick, director

5 to 5:15 p.m.—Dr. Albertine Richards Nash,

consulting psychologist
5:15 to 5:30 p.m.—Weekly financial review
5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F.

produce

6:30 p.m.—"Paul Revere" 6:30 to 7:30 p.m.—Palmolive program, NBC 7:30 to 8 p.m.—Gold Strand program, NBC 8 to 8:30 p.m.—Jack and Ethyl, the motor mates,

NBC 8:30 to 9 p.m.—Remar program

9 to 9:30 p.m .- Parisian Quintette Quintette-Overture-If I Were King.....Adams

Kashmiri Song......Woodforde-Finden Quintette-

GavotteGluck String quartette—
From "Uncle Remus".......MacDowell

Quintette-Spring, Beautiful Spring.....Lincke 9:30 to 10 p.m.—"Songs and the Singer," Wil-lard Schindler, baritone

10 to 11 p.m.-The Trocaderans, NBC

322.4 Meters Channel 93 930 Kcys.

Oakland Educational Society, Oakland, Cal. 2:30 to 3:30 p.m.-Musical program by Gertrude Ogden O'Neal; health talk, Mrs. Allston Yuille

4:30 to 5 p.m.—Don's half hour of happiness 5 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom of world news

7 to 8 p.m.—Doc Herrold 8 to 8:30 p.m.—The Watch Tower program: Bible dialogue

ABC

American Broadcasting Company

6:45 to 7:45 a.m.—Vim, Vigor and Vitality Broadcast through KJR, KEX, KGA, KYA and KMTR.

8 to 9 a.m .- The Golden Hour Orchestra; intermissions

Broadcast through KJR, KEX and KGA. 9 to 9:30 a.m.—Mary Cooke Better Homes program

Broadcast through KJR, KEX and KGA. 9:30 to 9:45 a.m.-Novelty program, Glenn Eaton

and Marjorie Robillard Broadcast through KJR, KEX and KGA.
9:45 to 10 a.m.—Morning devotional services
Broadcast through KJR, KEX and KGA.

10:30 to 10:45 a.m.—Georgia O. George. culture

Broadcast through KJR, KEX and KGA. 11 to 12 noon—American Reveillers; intermissions

Broadcast through KJR, KEX and KGA. 12 to 12:15 p.m.—Late news events 12:15 to 12:30 p.m.—Novelties, Glenn Eaton and Marjorie Robillard

Broadcast through KJR, KEX and KGA. Broadcast through KJK, KEX and KGA.
12:30 to 1:30 p.m.—American Salon Orchestra,
under the direction of Francesco Longo. Assisting soloist, Agatha Turley, Irish soprano
Broadcast through KJR, KEX and KGA.
1:30 to 2 p.m.—G. Donald Gray, baritone, and
Sidney Dixon, tenor, in recital
Broadcast through KJR, KEX and KGA.
2 to 3 p.m.—American Artistic Ensemble. Assisting soloists: Dorothy Lewis, contralto, and

sisting soloists: Dorothy Lewis, contralto, and Gordon Onstad, tenor

Gordon Onstad, tenor
Broadcast through KJR, KEX and KGA.
to 4 p.m.—American Salon Orchestra, under
the direction of Francesco Longo. Assisting
soloists: Agatha Turley, Irish soprano, and
Hayden Morris, Welsh basso
Broadcast through KJR, KEX and KGA.
to 4:20 p.m.—Bridge Table, Lillian Thompson,
instructor.

instructor 4:20 to 5 p.m.-American Artistic Ensemble and assisting soloists

Broadcast through KJR and KEX. 5 to 6 p.m.—American Salon Orchestra, under the direction of Francesco Longo. Assisting soloists: Dorothy Lewis, contralto, and Sydney Dixon, tenor

Broadcast through KJR and KEX.

6 to 7 p.m.—American Artistic Ensemble, Peter Meremblum, violinist; Kolia Tevienne, cellist, and Cecile Baron, pianist. Soloists: Agatha Turley, Irish soprano, and G. Donald Gray, baritone

Broadcast through KJR, KEX and KGA. 7 to 7:30 p.m.—Kolster program, CBS from New York

Broadcast through KJR, KEX, KGA, KYA, KMTR, KDYL and KLZ.
7:30 to 8 p.m.—Great American Appleburys, a comedy sketch, SF

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ.

8 to 8:30 p.m.—Carter's Happiness program
Broadcast through KYA and KMTR.
8:30 to 9 p.m.—"Over Land and Sea," featuring Liborius Hauptmann and his Pacific Salon Orchestra, SF
Broadcast through KJR, KEX, KGA, KLZ,

KYA, KMTR and KDYL. to 9:30 p.m.—Plano duo and male quartet,

ABC, San Francisco Broadcast through KJR, KEX, KGA, KLZ,

KYA, KMTR and KDYL. 9:30 to 10 p.m.—Kenin Novelties, Golden Gate Gypsies; Herman Kenin directing

KYA, KMTR and KDYL.

10 to 11 p.m.—Sleepy Time program, with Pa-

cific Salon Orchestra Broadcast through KJR, KEX, KGA, KLZ, KYA, KMTR and KDYL.

11 to 12 midnight—Golden Gate Gypsies, Her-

man Kenin, director, SF

Broadcast through KJR, KEX, KGA, KLZ, KYA, KMTR and KDYL.

325.9 Meters **KOMO** Channel 92 1000 Watts 920 Kcvs.

Fisher's Blend Station, Seattle, Washington

8 a.m.—Shell Happy Time 9 a.m.—Organ recital

9:55 a.m.—Inspirational services 10 a.m.—Y. M. C. A. health exercises 10:15 a.m.—"What to Prepare for Dinner" 10:30 a.m.—Margaret Gray, piano

10:30 a.m.—Margaret Gray, piano 11 a.m.—Women's Magazine of the Air, NBC 11:30 a.m.—Rhena Marshall; Joy Boys 11:45 a.m.—Ve Ona Socolofsky; Fred Lynch and

Jimmie Riddel, duets
12 noon—Farm flashes; grain reports
12:30 p.m.—Rhena Marshall and Fred Lynch, duets

12:45 p.m.—Constance Cook; "Nip & Tuck"

1 p.m.—Pacific Vagabonds, NBC

2 p.m.—Quintet; Rhena Marshall

3 p.m.—The Cabin Door, NBC

4 p.m.—Orchestra; Fred Lynch, Alice Maclean and Jimmie Riddel

5 p.m.—Kiddies' program 5:30 p.m.—Stock and bond quotations 5:45 p.m.—News flashes

5:30 p.m.—News hashes 6 p.m.—Concert orchestra; James Harvey, tenor 6:30 p.m.—Palmolive hour, NBC 7:30 p.m.—Gold Strand program, NBC 8 p.m.—Roads to Romance, NBC 8:30 p.m.—Orchestra; Walter Reseburg, baritone

9:15 p.m.—Fred Lynch and Jimmie Riddel, duets 9:30 p.m.—Concert orchestra; male quartet 10:30 p.m.—Synco-Rhythmists; Jimmie Riddel, tenor

11:45 p.m.—News flashes 12 to 12:30 a.m.—Zita Dillon; James Harvey

NRC

National Broadcasting Company

10:30 to 11:30 a.m.-"Woman's Magazine of the

John D. Barry, with another of his characteristically entertaining discourses on the English language and literature will be heard this morning.

Barry will be followed by Helen Webster, home science authority. She will tell house-wives about a kitchen decorated in the modernist manner during the presentation of the Fuller feature.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

1 to 2 p.n.—Pacific Vagabonds

to 2 p.m.—Pacific Vagabonds
Two feature numbers of the program are
Rasbach's "Trees" for orchestra and marimbaphone and "Barcarolle" from Offenbach's
"Tales of Hoffman," for the orchestra and
French horn duo. During the program a mosaic of music entitled "A Night in Seville,"
by Alheniz, will also be played. One of Mendelegebris meet heautiful and clarming meldelssohn's most beautiful and charming melodies, "On Wings of Song," and Sousa's "Semper Fidelis" concludes the program.

Broadcast through KHQ, KOMO, KGW

and KGO.

3 to 4 p.m.—The Cabin Door

Preceding and following the latest "Cabin oor" episodes fifteen-minute musical pro-Door'' Door" episodes fifteen-minute musical programs will be presented. Between the music listeners will hear "Mandy" and her husband "Ezie" in a new series of laughable troubles, created chiefly by that bothersome brother, "Willie." Their dialogue will be interspersed with spirituals and other melodies sung by the inhabitants of the cabin on the banks of the Mississippi and their friends.

Prodecest through KHO, KOMO, KGW

through KHQ, KOMO, KGW Broadcast

and KGO. 6:30 to 7:30 p.m.—Palmolive Hour will be broad-cast through KHQ, KOMO, KGW, KGO, KPO and KFL

7:30 to 8 p.m.-Gold Strand program.

During this program the nation-wide audience will be entertained by Fred Vetell, tenor soloist; a whistling soloist, a Hill Billy and the orchestra under the direction of Gustave Haenschen.

Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.

8 to 8:30 p.m.—"Roads to Romance"
Portland, Oregon, will be the destination of
the famous motormates, Jack and Ethyl.

The days of stage coaches, Wells Fargo Exrne days of stage coacnes, Wells Fargo Express and holdups are to be depicted. Some of the most famous "yarns" ever related in Western history had their origin in Oregon, and Portland had her full share of the "rough and ready" tales. Those to be told tonight all have an origin in fact, and in them are characters whe had much to a much to the stage of th acters who had much to do with the location of the city.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

8:30 to 9 p.m .- The Hill Billy Boys

Frank Gage and Charles Marshall, carrying on their research into songs of the early life of Missouri and mountain life of the South, will bring another of their "Hill Billy Boys" programs to auditors who tune in KHQ from 8:30 to 9 o'clock.

10 to 12 midnight-Dance music by the Trocaderans will be broadcast from 10 to 12 o'clock through KGW, from 10 to 11 o'clock through KGO, KFI, KSL and KOA, and from 11 to 12 o'clock through KPO.

440.9 Meters Channel 68 **KPO** 680 Kcvs. 5000 Watts Hale Bros. & The Chronicle, San Francisco 6:45 to 8 a.m.—S & W health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock 8 to 9 a.m.—Shell happy time, by Hugh Barrett Dobbs, assisted by William H. Hancock, and Horace Heidts Caroling Californians 9:30 to 10 a.m.—Dobbsie's daily chat for Roos Bros., with Lou Foote's orchestra 10 to 10:20 a.m.-Betty Crocker's home talks 10:30 to 11:30 a.m.—Magazine of the Air, NBC 11:30 to 12:non—Ye Towne Cryer and organ 12 to 12:10 p.m.—Time signals; Scripture reading: special announcements Ing; special announcements
12:10 to 1 p.m.—Noon concert, with Kevin
Ahearn, Irish tenor, and Flori Gough, cellist
1 to 1:30 p.m.—Jerry Jermaine for Hale Bros.
1:30 to 2 p.m.—Anne Warner's home chats
2 to 2:30 p.m.—House of Dreams, by Paul Pitto 2:30 p.m.—House of Dreams, by Paul 1 man; Rita Rivera, soprano 2:30 to 2:45 p.m.—Secrets for Women Only 2:45 to 3:45 p.m.—Aeolian Trio 4:50 to 5 p.m.—Stock market quotations 5 to 6 p.m.—Children's hour by Big Brother 6 to 6:30 p.m.—KPO Mixed Quartet 6:20 to 7:20 p.m.—KPO Mixed Quartet 8:20 to 7:20 p.m.—KPO Mixed Quartet 8:20 to 7:20 p.m.—KPO Mixed Reserved to 7:20 p.m.—KPO Mix 6.30 to 7:30 p.m.—Palm Olive hour, NBC 6:30 to 7:30 p.m.—Gold Strand program, NBC 8 to 8:30 p.m.—"Roads to Romance," NBC 8:30 to 9:30 p.m.—Concert by Cy Trobbe for

O'Connor, Moffatt & Co. 9:30 to 10 p.m.—Merton Bories and assisting artists for the Durant Motor Car Co. program 10 to 11 p.m.—Gordon Henderson's Palm Court Dance Band

11 to 12 midnight-The Trocaderans, NBC

239.9 Meters **KFOX** Channel 125 1250 Kcys. 1000 Watts

Nichols & Warinner, Long Beach, Calif. 8 to 8:15 a.m.—"Tadpole," the Buttercream Boy 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Musical program 9:20 to 9:50 a.m.—Organ recital, Dick Dixon 9:50 to 10 a.m.—Spanish program 10:10 to 10:20 a.m.—Popular songs 10:20 to 10:30 a.m.—Salon music 10:30 to 11 a.m.—Popular dance music 10:30 to 11 a.m.—Popular dance music
11 to 11:10 a.m.—Mae Day beauty talk
11:10 to 11:20 a.m.—Banjo recordings
11:20 to 11:30 a.m.—Clarence"
11:30 to 11:50 a.m.—Early news
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—Organ recital, Dick Dixon
12:30 to 1 p.m.—Cecil Fry
1 to 1:30 p.m.—Rotary luncheon
1:30 to 2:30 p.m.—Stafford Sisters; Julietta Burnett nett nett
2:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:20 p.m.—News report
4:20 to 4:30 p.m.—Musical program
4:30 to 5 p.m.—Dick Love's orchestra
5 to 5:30 p.m.—Organ recital, Dick Dixon
5:30 to 6 p.m.—Hancock Oil Company orchestra
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Ray Stillwell's band 6 to 6:05 p.m.—Lost and found department 6:05 to 6:30 p.m.—Ray Stillwell's band 6:30 to 7 p.m.—Bob Compton's orchestra 7 to 7:30 p.m.—Imperial Trio 7:30 to 8 p.m.—Pacific Coast Club orchestra 8 to 8:30 p.m.—Jones Hawaiian Trio 8:30 to 9 p.m.—Long Beach Municipal Band 9 to 11 p.m.—Musical program 11 to 12 midnight—Pacific Coast Club orchestra 491.5 Meters Channel 61 **KFRC** 610 Kcvs. 1000 Watts

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—"Simpy Fitts" 8 to 9 a.m.—Musical record program 9 to 9:30 a.m.—Georgia O. George 10 to 11 a.m.—Wyn's daily chats

11 to 11:30 a.m.—Mary Lewis Haines talk 11:30 to 12 noon—Amateur auditions

11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
3 to 4 p.m.—Matinee concert
4 to 4:30 p.m.—Educational period
4:30 to 4:35 p.m.—Something About Everything
4:35 to 4:40 p.m.—News; lost and found
4:40 to 4:55 p.m.—Mac and his gang
4:55 to 5 p.m.—Town topics
5 to 5:30 p.m.—Don Lee broadcasting system
5:30 to 6 p.m.—Europrium's children is boun

5:30 to 6 p.m.—Emporium's children's hour 6 to 6:30 p.m.—Organ recital, Theo. Strong

6 to 6:30 p.m.—Organ recital, Inco. Surong 6:30 to 7 p.m.—Robert Olsen, soloist 7 to 7:30 p.m.—Gilfillan Radio program 7:30 to 8 p.m.—Maytag So-A-Tone program 8 to 9 p.m.—Buick Boosters' program 9 to 10 p.m.—John Smallman A. Capella choir 10 to 11 p.m.—Mark Hopkins orchestra, Free

Brown and June Douglas during intermissons 11 to 12 midnight-New Mandarin Cafe, Tin Pan Allev

315.6 Meters **KFWB** 950 Kcys.

Channel 95 1000 Watts

Warner Brothers, Hollywood, California

7 a.m.—Sunshine Melody Boys 8 a.m.—The Breakfast Club 9:30 a.m.—Harmony hour 11 a.m.—KFWB shoppers' directory 11 a.n.—Kr w B shoppers and 12:30 p.m.—Air Journal 1:30 p.m.—Housekeepers' chat 2 p.m.-Ann Grey and Don Warner

4:30 p.m.-Radio travel tales 5 p.m.-Radio review 5:45 p.m.—Town Tattler 6:20 p.m.—Musical program 6:30 p.m.—Harry Jackson's entertainers

7 p.m.—Kolster radio program over the Colum-

bia Broadcasting System 7:30 p.m.—Amos 'n' Andy 7:45 p.m.—Daily news

8 p.m.—Light opera program, featuring concert orchestra, assisted by Emma Kimmel, soprano, and Charles Beauchamp, tenor

p.m.—Spanish p.m.—Spanish program, presenting Xavier Cugat's string quintet and Carmen Castillo, soprano

10 to 11 p.m.-Roy Fox's orchestra

296.6 Meters Channel 101 1010 Kcys. 500 Watts First Baptist Church, San Jose, California

10 to 11 a.m.—The Helpful Hour

10 to 11 a.m.—The Helpful Hour 11 to 11:15 a.m.—Belco program 11:45 to 12 noon—Leonard & Holt program 12 to 12:30 p.m.—News items 12:30 to 1 p.m.—Farm and weather reports 1 to 1:30 p.m.—Hart's store half hour 1:30 to 2:30 p.m.—The Friendly Hour 2:30 to 3:30 p.m.—Second Street musical hour 3:90 to 4 p.m.—Fapochon's style chaf

3:30 to 4 p.m.-Fanchon's style chat

4 to 5 p.m.—Sunshine hour with "W. K." 5 to 5:15 p.m.—Leonard & Holt program 5:15 to 5:30 p.m.—Fliteen minutes at Franco's

5:10 to 5:30 p.m.—Fifteen minutes at Franco'
5:30 to 6 p.m.—Pal's Big Brother hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 to 6:50 p.m.—Farm and weather reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—California Farm Bureau news
8 to 9:30 p.m.—First Baptist Church
9:30 to 10 p.m.—Crop digest

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243.8 Meters **KYA** Channel 123 1230 Kcvs. 1000 Watts Pacific Broadcasting Corp., San Francisco 7 to 8 a.m.—Vim, Vigor and Vitality, ABC 8 to 9 a.m.—KYA morning glories 9 to 10 a.m.—Sally Cooke, better homes girl 10 to 11 a.m.—Recorded program
11 to 11:40 a.m.—California sunshine hour 11 to 11:40 a.m.—Recorded program
11:40 to 11:50 a.m.—Dr. Julian R. Brandon
11:50 to 12 noon—California sunshine hour
12:10 12:15 p.m.—News items
12:15 to 12:30 p.m.—Recorded program
12:30 to 1:30 p.m.—Pacific Salon Orchestra
1:30 to 1:50 p.m.—Pacific Salon Orchestra
1:30 to 2 p.m.—Dr. Buren L. Corley
2 to 3 p.m.—Pacific Salon Orchestra
3 to 4 p.m.—Bridge party hour
4 to 4:15 p.m.—Newscasting
4:15 to 5 p.m.—Recorded
5 to 5:30 p.m.—Who's Who Travelogues
5:30 to 6 p.m.—Studio program
6 to 6:45 p.m.—News items
6:45 to 7 p.m.—News items
6:45 to 7 p.m.—Talk on crime prevention
7 to 7:30 p.m.—Koister hour, Columbia chain
7:30 to 8 p.m.—The great American Applebury's dramatic skit, directed by Reginald Travers,
ABC ABC 8:30 p.m.—Carter's Happiness program 8:30 to 9 p.m.—Over Land and Sea, Pa Salon Orchestra Pacific

Salon Orchestra
9 to 9:30 p.m.—Plano duo and male quartet
9:30 to 10 p.m.—Kenin's novelties, Golden Gate
Gypsies, Herman Kenin directing
10 to 11 p.m,—Sleepy Time, with Pacific States
Salon Orchestra, ABC
11 to 12 midnight—Golden Gate Gypsies, Her-

man Kenin directing

526 Meters Channel 57 500 Watts American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.-Inspirational services 10:15 to 10:30 a.m.—Starting today right, with Miss Habit

10:30 to 11 a.m.—Recorded program 11 to 12 noon—Sunshine Hour

12 to 12:30 p.m.—Hawley Burner Co. program 12:30 to 1:30 p.m.—Recorded program 4:30 to 5 p.m.—Rhymes and Reasons

5 to 6 p.m.—Recorded program 6 to 7 p.m.—Northwestern Crier Hour

7 p.m.—Northwestern Cher Hour 7 to 7:30 p.m.—Green Nash program 7:30 to 8 p.m.—Hallene Porter 8 to 9 p.m.—Harold and Leona Chase 9 to 10 p.m.—Program presented by Seattle Pa-cific College

10 to 11 p.m.—George Patsy Kelly, soloist Carroll's Merrymakers:

232.6 Meters **KDYL** Channel 129 1290 Kcvs. 1000 Watts

Intermountain Broad. Corp., Salt Lake City 6:30 p.m.-Popular local entertainers

p.m.—Columbia Broadcasting System present-ing Kolster Symphony Orchestra and string quartet

7:30 p.m.—Studio program 8 p.m.—Latest record releases 8:30 p.m.—Harmony Time at the Studio 9 p.m.—Piano recital and male quartet, ABC 9:30 p.m.—Kenin's Novelties, ABC 10 p.m.—Sleepy Time program, ABC 11 p.m.—Golden Gate Gypsies, ABC

545.1 Meters **KTAB** 550 Kcvs.

Channel 55 500 Watts

Pickwick Broadcasting Co., Oakland, Calif. 8 to 9 a.m.—Ray Raymond's tabloid of the air 9 to 9:30 a.m.—Prayer hour 9:30 to 10 a.m.—Recordings

10 to 10:15 a.m.—Dr. B. L. Corley 10:15 to 11 a.m.—Classified and recordings

10:15 to 11 a.m.—Classified and recoil 11 to 11:30 a.m.—Studio program 11:30 to 12 noon—Popular recordings 12 to 1 p.m.—Otto's Hawaiians

1 to 1:30 p.m.—Organ recital 1:30 to 2 p.m.—Recordings 2 to 2:30 p.m.—Studio program 2:30 to 3 p.m.—Morton, Carlson and Moran

to 4 p.m.—Salon orchestra, directed by Leon

Strashun; Al Ryan, basso to 5 p.m.—Pickwick Ver Versatilians: Benjoff, contralto

5 to 6 p.m.—Brother Bob's frolic 6 to 6:30 p.m.—Animo Light half hour 6:30 to 7 p.m.—Twilight half hour 7 to 7:15 p.m.—Harry S. Sack, finance editor 7:15 to 8 p.m.—Recordings

8 to 9 p.m.-Salon orchestra; Mildred Lenore Epsteen, soloist

to 10 p.m.—Pickwick Versatilians, directed by

Leon Strashun; George Garcia, soloist

10 to 10:30 p.m.—Lullaby Girls

10:30 to 11 p.m.—Studio program

11 to 12 midnight—Night Owls, Pick and Wick,

Harry Morton, Estelle Moran and Mart Grauenhorst, banjo

12 to 1 a.m.—Brother of the Night

508.2 Meters 590 Kcvs.

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington

8 to 9 a.m.—The Happy Time Hour to 9:30 a.m.-Musical recordings

9:30 to 10:30 a.m.—Sara Leigh's Hour with Wo-

men, Home Hints, Recipes, etc. 10:30 to 11:30 a.m.—Woman's Magazine of the Air, NBC 11:30 to 12 noon—Farmers' service hour

11:30 to 12 noon—Farmers' service hou to 2 p.m.—Pacific Vagabonds, NBC 3 to 4 p.m.—The Cabin Door, NBC 4 to 4:30 p.m.—Variety hour 4:30 to 5:30 p.m.—Varieties hour, NBC 5:30 to 6:15 p.m.—Service time 6:15 to 6:30 p.m.—Sports news 6:30 to 7:30 p.m.—Palm Olive, NBC 7:30 to 8 p.m.—Gold Strand program N

6:30 to 7:30 p.m.—Palm Olive, NHC
7:30 to 8 p.m.—Gold Strand program, NBC
8:0 8:30 p.m.—Jack and Ethyl, NBC
8:30 to 9 p.m.—Hill Billy Boys, NBC
9:0 to 9:30 p.m.—Bridge lesson
9:30 to 9:45 p.m.—Simplex singing banjoist
9:45 to 10 p.m.—Alice in Launderland
10 to 10:30 p.m.—Standard Stock Exchange
10:30 to 11 p.m.—Trues Oil
11 to 11:30 p.m.—Desert Happy Carayan

11 to 11:30 p.m.—Desert Happy Caravan

230.6 Meters KTBI Channel 130 1300 Kcys. 1000 Watts

Bible Institute of Los Angeles, California

8 to 8:15 a.m.—Uncle Harry's Bible story 8:15 to 8:45 a.m.—Devotional service 8:45 to 9:15 a.m.—Announcer's hour 9:15 to 9:45 a.m.—Radio Bible course, Rev. A. S.

9:45 to 10:35 a.m.—Messages from the best books 10:35 to 11:30 a.m.—Doctrinal lecture 11:30 to 12 p.m.—Norma Coleman and Myrtle

Glendenning 12 to 12:15 p.m.—Chimes and Scripture reading 1 to 1:30 p.m.—Jack Wells and Evelyn Hill 1:30 to 2 p.m.—Rev. J. Nueisch 2 to 2:30 p.m.—Rev. Charles Fuller

468.5 Meters KFI Channel 64 640 Kcys. 5000 Watts

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8 a.m.—Shell Happy Time from KPO 10 a.m.—Betty Crocker, Gold Medal talks 10:30 a.m.-Woman's Magazine of the Air, NBC

12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
12:25 p.m.—A. A. Mercy, talk on current books
2 p.m.—Leon Archer, Margaret Meatheringham
and Coral Tilton, Alfred Marion

3 p.m.—Inez Ingram, uke and song, Cliff Glun-ning, tenor; Beulah Ellis, soprano 4 p.m.—Hugo Escobar, Spanish lessons; Belle Bridewell Dansie, soprano; Bee Allen, blues. 5:30 p.m.—Volle Callendar Mills, violinist 5:50 p.m.—Col. Leroy F. Smith, Better America

Federation

6 p.m.-Leon Rene and his Southern Synco-

pators
6:30 p.m.—Palmolive program, NBC
7:30 p.m.—Gold Strand program, NBC
8 p.m.—Roads to Romance, with Jack and Ethyl,

o p.m.—Roads to Romance, with Jack and Ethyl, Motormates, NBC 8:30 p.m.—Studio program 9 p.m.—Packard Concert Orchestra, Pryor Moore dir.

10 p.m.-The Trocaderans, NBC

483.6 Meters KGW Channel 62 620 Kcvs. 1000 Watts The Morning Oregonian, Portland, Oregon

7:15 to 7:30 a.m.—Y. M. C. A. health exercises 8 to 9 a.m.—Shell Happy Time 9:30 to 10 a.m.—Chamber of Commerce talk 10:30 to 11:30 a.m.—Women's Magazine of the

10:30 to 11:30 a.m.—Women's Magazine of the Air, NBC 12 to 1 p.m.—Luncheon concert 1 to 2 p.m.—Pacific Vagabonds, NBC 2 to 2:20 p.m.—Stock market quotations 2:20 to 2:45 p.m.—Studio program 2:45 to 3 p.m.—Talk on flowers and gardening 3 to 4 p.m.—Cabin Door, NBC 5:30 to 6 p.m.—Movie talk 6 to 6:15 p.m.—Music by the concert trio 6:15 to 6:30 p.m.—Book chat by Richard Montgomery

gomery 6:30 to 7:30 p.m.—Palm Olive program, NBC 7:30 to 8 p.m.—Gold Strand program, NBC 8 to 8:30 p.m.—"Roads to Romance," NBC 8:30 to 9 p.m.—Historical drama 9 to 9:30 p.m.—Davidson Bakery program 9:30 to 10 p.m.—Maytag So-A-Tone program 10 to 12 midnight—The Trocaderans, NBC

384.4 Meters **KTM** Channel 78 780 Kcys. 500 Watts

Pickwick Broad. Corp., Santa Monica, Calif. 6 to 8 a.m.—Popular Panatrope program 8 to 10 a.m.—Bert's request program 8 to 10 a.m.—Bert's request program
1 to 1:30 p.m.—Three Red Peppers
1:30 to 2 p.m.—Classical recordings
2 to 2:30 p.m.—Lola
2:30 to 3:20 p.m.—Bunlcipal Band concert
3:20 to 3:30 p.m.—Berlitz Spanish lesson
3:30 to 4 p.m.—Alice Plercy, organist
4 to 5 p.m.—Merchants' publicizing hour
8 to 9 p.m.—Dance orchestra; Jack Ross
9 to 10 p.m.—Concert orchestra
10 to 11 p.m.—Pickwick String Quintet
11 to 1 a.m.—Sebastian's Cotton Club

340.7 Meters **KLX** Channel 88 880 Kcys. 500 Watts Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises 8 to 9 a.m.—Jean Kent

9 to 9:10 a.m.—Bellco talk 9:10 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Opening stocks, weather

10:30 to 11 a.m.—Home Economics hour

10:30 to 11 a.m.—Home Economics nour 11 to 12 noon—Recordings 12 to 1 p.m.—Machado's KLX Hawmilans 1 to 2 p.m.—Jean's Hi-Lights 2 to 3 p.m.—Recordings 4:30 to 5 p.m.—Chas. T. Besserer, organ recital 5 to 5:30 p.m.—Erother Bob 5:30 to 5:50 p.m.—Cressy Ferra, jazz pianist 5:50 to 6 p.m.—Curtain Calls 6 to 7 m.—Hotal Cokland concert tries

5:30 to 6 p.m.—Currain Calis
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—The KLX'ns
8 to 9 p.m.—Educational hour
9 to 9:30 p.m.—Helen Wegman Parmelee and
Dorothy Donohue, piano duo.
9:30 to 10:30 p.m.—Helen Wegman Parmelee,
pianist, and Nellie Clark Alsing

361.2 Meters **KOA** Channel 83 830 Kcys. 12,500 Watts

General Electric Co., Denver, Colorado

5 to 5:30 p.m.—Vacuum Oll program, NBC
5:30 to 6 p.m.—Brown Palace Hotel Orchestra
6 to 6:30 p.m.—Ipana Troubadours, NBC
6:30 to 7:30 p.m.—Palmolive hour, NBC
7:30 to 8 p.m.—Gold Strand program, NBC
8 to 8:15 p.m.—Along Broadway
8:15 to 8:45 p.m.—Conoco Pace Setters
8:45 to 9:15 p.m.—In the Garden—The Winter
Garden, featuring up-to-the-minute popular

songs 9:15 to 9:30 p.m.—The Melody Maids 9:30 to 10 p.m.—Koa mixed quartet and Henry 30 to 10 p.m.—Koa mineu quartet and Trustman Ginsburg, violinist, presenting Gypsy songs. Numbers: "A Gypsy Night," "Mari-quita," "Gypsy Love Song," "Carmena," songs. Numbers: quita," "Gypsy "Gypsy Airs."

236.1 Meters Channel 127 KOL 1270 Kcys. 1000 Watts

Seattle Broadcasting Co., Seattle, Wash.

Seattle Droadcasting Co., Seattle, Wash.
6:45 to 8:45 a.m.—Sunset's Musical Klock
8:45 to 9:30 a.m.—A program of general interest
9:30 to 9:45 a.m.—The Market Basket
9:45 to 10 a.m.—Aunt Sammy's chat
10 to 10:10 a.m.—Soups and Chowders
10:10 to 11 a.m.—Household topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints
11:15 to 12 noon—Musical moments
12 to 12:15 p.m.—Organ concert, F. C. Feringer
12:15 to 12:30 p.m.—Fruits and vegetables
12:30 to 1:30 p.m.—Rotary Club luncheon
2 to 3 p.m.—Matinee melodies
3 to 4 p.m.—Organ concert by F. C. Feringer
4 to 4:30 p.m.—Twilight time
4:30 to 5 p.m.—News items; weather report
5 to 6 p.m.—Service hour

to 6 p.m.—News items, weather report to 6 p.m.—Service hour 6 to 7 p.m.—Music; "Newscasting" 7 to 7:30 p.m.—Ken Stuart's "Thirty Minutes of Sunshine"

Sunshine"
7:30 to 8 p.m.—Symphony hour
8 to 8:15 p.m.—Studio program
8:15 to 8:30 p.m.—KOL Movie Club
8:30 to 9 p.m.—Symphony hour
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 9:30 p.m.—Requests
9:30 to 10 p.m.—Pacific Trade program
10 to 11 p.m.—Studio program
11 to 12 midnight—Hotel Butler Indians

11 to 12 midnight-Hotel Butler Indians

322.4 Meters 930 Kcvs.

KFWI

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises by Cal King 9 to 9:30 a.m.—Country Store 9:30 to 10 a.m.—Musical program 10 to 10:30 a.m.—Charlie Glenn, news and songs 10:30 to 11 a.m.—Studio program

10:30 to 11 a.m.—Studio program
11 to 12 noon—Morning concert
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Cal King's Country Store
6 to 6:55 p.m.—Dinner hour program
6:55 to 7 p.m.—Police reports of missing people
8:30 to 9 p.m.—Studio program

9 to 11 p.m.—Cocoanut Club

285.5 Meters 1050 Kcvs.

KNX

Channel 105 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 6:45 to 8 a.m.—Exercises by Dr. P. M. Seixas 8 a.m.—Inspirational talk and morning prayer

9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Shopping news 10 a.m.—Town Crier of the day 10:30 a.m.—Household Economics

10:30 a.m.—Household Economics
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
2:30 to 3 p.m.—Musical program
3:30 to 4 p.m.—C. P. R's musical program
4:25 p.m.—Dr. Wesley M. Barrett
5 to 5:45 p.m.—Chet Mittendorf
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Playgoers' Club
6:30 to 7 p.m.—String quintet, Paul Finstein directing directing

7 to 7:30 p.m.—Maytag Company 7:30 to 8 p.m.—Tom Mitchell, baritone 8 to 8:30 p.m.—Bert Butterworth and his "Airdales

9:30 to 9 p.m.—Courtesy program 9 to 9:30 p.m.—"Mr. and Mrs.," radio skit 9:30 to 10 p.m.—Feature program 10 to 12 midnight-Gus Arnheim's dance or-

chestra 12 to 1 a.m.-Dorado Club dance hour

291.1 Meters 1030 Kcys.

Channel 103 500 Watts

Canadian National Rys., Vancouver, B. C.

10 a.m.—Morning hour of music 10 p.m.—Terminal City Male Quartet

272.6 Meters 1100 Kcys.

KJBS

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif.

J. Brunton & Sons, San Francisco, Caiii.
7 to 8 a.m.—Early Bird hour
8:45 to 9 a.m.—Prof. Nier, physical culture
9 to 9:30 a.m.—Embassy popular program
9:30 to 10:30 a.m.—Orthophonic recordings
10:30 to 11 a.m.—Cressy Ferra, jazz pianist
11 to 12 noon—Instrumental recordings
12 noon to 12:30 p.m.—Variety record program
12:30 to 1 p.m.—Talk on aviation
1 to 1:45 p.m.—Raymond Melodists
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 3 n.m.—Popular records

2 to 3 p.m.—Popular records 3 to 4 p.m.—Red Seal records 4 to 5 p.m.—Art. Fadden, pianist 5 to 5:30 p.m.—Vocal recordings

333.1 Meters 900 Kcys.

KHJ

Channel 90 1000 Watts

Don Lee, Inc., Los Angeles, California

7:30 to 8 a.m.—Physical culture period 8 to 9 a.m.—"The Alarm Clock"

8 to 9 a.m.—"The Alarm Clock"
9 to 10 a.m.—Late recordings
10 to 10:15 a.m.—U. S. C. Chapel period
10:15 to 11:15 a.m.—Agnes White, "At Our House"
11:15 to 11:30 a.m.—Louis F. Klein's trio
11:30 to 11:45 a.m.—Narcotic Research
11:45 to 12 noon—"Two Starving Song Writers"
12 to 12:30 p.m.—Biltmore Concert Orchestra
12:20 to 12:45 pm —World-wide news

12:30 to 12:45 p.m.—World-wide news 12:45 to 1:30 p.m.—Optimist Club luncheon

1:30 to 2:15 p.m.—Charlie Wellman's program 2 to 2:15 p.m.—Dr. Brown, health talk 2:15 to 2:30 p.m.—Studio program

2:30 to 3 p.m.—Los Angeles Public Library talk

2:30 to 3 p.m.—Los Angeles Public Library talk 3 to 4 p.m.—Matinee Melody Masters 4 to 5 p.m.—Fred C. McNabb, "Gardens" 5 to 5:30 p.m.—The Story Man 5:30 to 5:50 p.m.—Police Com. W. G. Thorpe 5:50 to 6 p.m.—Talk, J. J. Backus 6 to 6:45 p.m.—Organ, Wesley B. Tourtellotte 6:45 to 7 p.m.—World-wide news 7 to 8 p.m.—KHJ Concert Orchestra 8 to 9 p.m.—Don Lee Symphony Orchestra 9 to 10 p.m.—Smallman A. Capella Choir 10 to 12 p.m.—Earl Burtnett's dance orchestra 12 to 1 a.m.—Organ and variety program

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Feb. 21, 1929









Read Givens KPO-12:10 p.m.

Vernon Rickard KFWB-9:00 p.m.

Harrison Ward KYA-Staff Artist

Walter McCoy KFWM-5:00 p. m.

Channel 79 379.5 Meters KGO 10,000 Watts 790 Kcvs. General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California home life 10:30 to 10:45 a.m.—"Happy Homes," Bettina. Angelo

10:45 to 11:30 a.m.-Rembrandt Trio 11:30 to 12 noon-Standard School Broadcast

12 to 1 p.m.—Rembrandt Trio
12 to 1 p.m.—Rembrandt Trio
3 to 4 p.m.—"The Wanderers," NBC
4 to 5 p.m.—Hotel St. Francis concert orchestra; Edward J. Fitzpatrick, director
5 to 5:30 p.m.—Tom King detective stories;

Jack Martin's Hawaiians 5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F.

produce; news

to 6:30 p.m.—Seiberling Singers, NBC 6:30 to 6:45 p.m.—Bert Harwell, the bird man 6:45 to 7:30 p.m.—Agricultural program 7:30 to 8:30 p.m.—Standard Symphony hour,

NBC

8:30 to 9:30 p.m.—Memory Lane, NBC 9:30 to 10 p.m.—The Three Boys 10 to 12 midnight—The Trocaderans, NBC

Channel 57 526 Meters 500 Watts 570 Kcvs.

American Radio Tel. Co., Seattle, Wash. 10 to 10:15 a.m.—Inspirational services and prayer

10:15 to 10:30 a.m.-Starting today right, with Miss Habit

10:30 to 11 a.m.—Recorded program
11 to 12 noon—Our Sunshine Hour
12 to 12:30 p.m.—Recorded program
12:30 to 1:30 p.m.—Young Men's Business Club luncheon

4:30 to 5 p.m.-Rhymes and Reasons

5 to 6 p.m.—Recorded program 6 to 7 p.m.—Northwestern Crier Hour

7 to 7:30 p.m.—Studio program 7:30 to 7:45 p.m.—National Health Forum

7:45 to 8 p.m.—Patsy Kelly

8 to 9 p.m.-Semi-classical music, featuring the

Metro Quartet

to 9:30 p.m.-Aloha Harmony Singers 9:30 to 10:30 p.m.—George Carroll's Merrymakers; Orrin Shattuck, soloist 10:30 to 12 midnight—"Bats in the Belfry" frolic

Channel 61 491.5 Meters **KFRC** 1000 Watts 610 Kcys.

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—"Simpy Fitts" 8 to 9 a.m.—Musical record program 10 to 11 a.m.—Wyn's daily chat 11 to 11:30 a.m.—Studio program 11:30 to 11:40 a.m.—Madame Marie

11:40 to 12 noon—Amateur auditions

12 to 1 p.m.—Sherman, Clay noonday concert 3 to 4 p.m.—Sir Francis Drake Hotel Salon Orchestra under the direction of George Lip-

scnutz
to 4:30 p.m.—"The Observer" about new books
4:30 to 4:35 p.m.—Something About Everything
4:35 to 4:55 p.m.—Mac and his gang
4:55 to 5 p.m.—Town topics
5 to 5:30 p.m.—Don Lee Broadcasting system
5:30 to 6 p.m.—Emporium's children s hour
6 to 6:30 p.m.—Organ registl Thee Strong schultz

6:30 p.m.—Organ recital, Theo. Strong 6:30 to 7 p.m.—Studio program 7 to 7:30 p.m.—Berger's X Y Z program 7:30 to 8 p.m.—Sir Francis Drake Hotel orches-

tra under the direction of George Lipschultz

8 to 9 p.m.—Reo program 9 to 10 p.m.—Elvia Allman's Surprise Package

9:30 to 10 p.m.—Concert 10 to 10:10 p.m.—Amos 'n' Andy 10:10 to 11:10 p.m.—Val Valente's Jungletown

Orchestra 11:10 to 12:10 a.m.-Midnight concert orchestra

Channel 78 384.4 Meters 500 Watts 780 Kcvs. Pickwick Broad. Corp., Santa Monica, Calif.

6 to 8 a.m.—Popular Panatrope program

6 to 8 a.m.—Popular Panatrope program
8 to 10 a.m.—Bert's request program
1 to 1:30 p.m.—Three Red Peppers
1:30 to 2 p.m.—Classical recordings
2:30 to 3:20 p.m.—Municipal Band concert
3:20 to 3:30 p.m.—Records
3:30 to 4 p.m.—Alice Piercy
4 to 5 p.m.—Merchants' Publicizing hour
8 to 8:30 p.m.—El Camino String Quintet
8:30 to 9 p.m.—Three Red Peppers; Jack Ross
9 to 10 p.m.—Dance orchestra; 'Charlie Cole;
Polly Hall

Polly Hall

10 to 11 p.m.-KTM Concert Orchestra 11 to 1 a.m.—Sebastian's Cotton Club

440.9 Meters Channel 68 5000 Watts 680 Kcvs. Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.-S & W health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock

8 to 9 a.m.—Shell Happy Time, by Hugh Bar-rett Dobbs and William H. Hancock, assisted by Helen Lowe, Dixie Marsh and Lew Foote's band

Bros., featuring Kevin Ahearn
10 a.m.—Annabelle Lee for Langendorf
11 to 11:30 a.m.—Ye Towne Cryer
11:30 to 12 noon—Standard School Broadcast,

NBC 12 to 12:10 p.m.-Time signals; Scripture reading; announcements

12:10 to 12:30 p.m.—Concert; Read Givens, tenor 12:30 to 1:30 p.m.—Shrine luncheon

1:30 to 2 p.m.—Jerry Jermaine for Hale Bros. 2 to 2:30 p.m.—House of Dreams, by Paul Pit-

man; Hollister McGuire, baritone 2:30 to 2:45 p.m.—Secrets for Women Only

2:30 to 2:45 p.m.—Secrets for Women Only
2:45 to 3 p.m.—Stock market quotations
3 to 4 p.m.—The Wanderers, NBC
4:30 to 4:45 p.m.—U. S. Dept. of Commerce talk
4:45 to 5 p.m.—Stock market quotations
5 to 5:30 p.m.—Children's hour by Big Brother
5:30 to 6 p.m.—Evelyn Trent, in world topics
6 to 6:30 p.m.—Seiberling program, NBC
6:30 to 7 p.m.—Williard Schindler, baritone
7 to 7:15 p.m.—Federal business talks
7:15 to 7:30 p.m.—Sports by Harry Smith

7:15 to 7:30 p.m.—Sports by Harry Smith 7:30 to 8 p.m.—Violin recital by Nathan Abas 8 to 8:30 p.m.—Caswell Musical Travelers

Valparaiso

8:30 to 9 p.m.—Elsa Trautner and assisting in-strumentalists for Behlow, Inc. 9 to 9:30 p.m.—Chrysler program, Merton Bories 9:30 to 10 p.m.—Tommy Munroe and Bob Allen 10 to 12 midnight—Trocaderans, NBC

325.9 Meters

KOMO Channel 92 1000 Watts 920 Kcys. Fisher's Blend Station, Seattle, Washington

10 a.m.—Y. M. C. A. health exercises 10:15 a.m.—"What to Prepare for Dinner"

10:30 a.m.—Concert trio 11:30 a.m.—Standard School broadcast, NBC

12 noon—Farm flashes; grain reports
12:15 p.m.—Totem Gyrators; Joy Boys
12:45 p.m.—Constance Cook
1 p.m.—Totem Gyrators; Joy Boys
1:30 p.m.—Ve Ona Socolofsky; Fred Lynch;

quintet 3 p.m.—The Wanderers, NBC 4 p.m.—Orchestra; Ve Ona Socolofsky: Fred

Lynch and Jimmie Riddel, duets 5 p.m.—Kiddies' program 5:30 p.m.—Stock and bond quotations 5:45 p.m.—News flashes

6 p.m.—Seiberling Singers, NBC 6:30 p.m.—Spanish Orchestra; Edward Garcia. tenor

7:30 p.m.—Standard Symphony hour, NBC 8:30 p.m.—Crescent old time band and singer 9:30 p.m.—Novelty Trio; Rhena Marshall 10 p.m.—Associated Brass Band 11 p.m.—Rhena Marshall and James Harvey.

duets

11:15 p.m.—Novelty trio 11:30 p.m.—Late news flashes

11:45 to 12:30 a.m.-Organ recital

NBC

National Broadcasting Company

11:30 a.m. to 12 noon-Standard School broadcast

A consideration of the clarinet as an instru-ment of the orchestra will be the feature of the Standard School broadcast.

French composers of the middle period of the nineteenth century will also be given special attention during the musical school lesson. Illustrations will, as usual, be provided by the Arion Trio and will comprise portions of the outstanding numbers to be played in the evening Standard Symphony hour. Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.

3 to 4 p.m.-The Wanderers

To the island republic of Cuba an airplane will carry "The Wanderers" for their weekly

one-hour broadcast.

Songs by "The Wanderers," who are impersonated by Irving Kennedy and Harry Stanton will provide a musical atmosphere for the program. The continuity is from the pen of H. C. Connette,

Broadcast through KHQ, KOMO, KGW, KGO and KPO.

6 to 6:30 p.m.—Seiberling program

The Seiberling Singers' fifty-piece special program orchestra will pay a tribute to the memory of George Washington in a nationwide broadcast.

Directed by Erno Rapee, this large orchestra will begin the broadcast with Rapee's arrangement of "My Country 'Tis of Thee," elaborating upon the familiar themes of the

patriotic air. Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

7:30 to 8:30 p.m.—Standard Symphony hour Chabrier, the French modernist, is represented on the program with four compositions, the first of which, the "Danse des Bohemiennes" from "La Tasse," opens the hour.

One of Godard's most popular works, his "Adagio Pathetique," is the second offering of the Standard Symphony Orchestra under the

the Standard Symphony Orchestra under the direction of Max Dolin.

direction of Max Dolin.

Following a brief lecture on Chabrier, the orchestra will play his "Espana Rhapsody," a collection of true Spanish themes.

Among other selections to be heard are Bizet's "L'Arlesienne Suite No. 2," written as a part of the incidental music to Daudet's play, "L'Arlesienne," and Massenet's tragic and stormy "Phedro" overture.

Broadcast through KHQ, KOMO, KGW, KGO and KFI.

KGO and KFI.

8:30 to 9:30 p.m.-Memory Lane

Going back into the early days of Indiana, Ohio and Illinois, the "Memory Lane" hour will be built around an old-fashioned "log rolling." This is the second "Memory Lane" program to be rebroadcast at the request of numerous listeners.

The "Memory Lane" hour tonight will show a 1908 community reviving the old custom of 1830 and will provide opportunity for old songs. Eileen Piggott, soprano, will appear in her popular role of "Mrs. Smithers." Billy Page, the young radio actor, and other favorites, will enact important roles.

Broadcast through KGW and KGO.

10 to 12 midnight—Dance music by the Troca-derans will be broadcast tonight from 10 to 12 o'clock through KGO and KPO, and from 10 to 11 o'clock through KFI.

ABC

American Broadcasting Company

6:45 to 7:45 a.m.—Vim, Vigor and Vitality Broadcast through KJR, KEX, KGA, KYA and KMTR.

8 to 9 a.m.-The Golden Hour Orchestra; intermissions

Broadcast through KJR, KEX and KGA. 9 to 9:30 a.m.—Mary Cooke Better Homes program

Broadcast through KJR, KEX and KGA 9:30 to 9:45 a.m.—Novelty program, Glenn Eaton and Marjorie Robillard

Broadcast through KJR, KEX and KGA. 9:45 to 10 a.m.—Morning devotional service Broadcast through KJR, KEX and KGA 10:30 to 10:45 a.m.—Georgia O. George, culture

Broadcast through KJR, KEX and KGA. 11 to 12 noon-American Reveillers

12 to 12:15 p.m.—Late news events
Broadcast through KJR, KEX and KGA.
12:15 to 12:30 p.m.—Novelties, Glenn Eaton and

Marjorie Robillard

Marjorie Robillard

Broadcast through KJR, KEX and KGA.
12:30 to 1:30 p.m.—American Salon Orchestra,
under the direction of Francesco Longo. Assisting soloist, Dorothy Lewis, contralto
Broadcast through KJR, KEX and KGA.
1:30 to 2 p.m.—G. Donald Gray, baritone, and
Sidney Dixon, tenor, in recital
Broadcast through KJR, KEX and KGA.
2 to 3 p.m.—American Artistic Ensemble. Assisting soloists: Virginia Strong, coloratura
soprano, and Hayden Morris, Welsh basso
Broadcast through KJR, KEX and KGA.
3 to 4 p.m.—American Salon Orchestra, under
the direction of Francesco Longo. Assisting
soloists: Agatha Turley, soprano, and Sydney
Dixon, tenor Dixon, tenor

Broadcast through KJR, KEX and KGA 4 to 5 p.m.—The Melodians

Broadcast through KJR and KEX. 5 to 6 p.m.—Vic Meyers and his popular recording orchestra

Broadcast through KJR and KEX.

6 to 6:30 p.m.-Novelty program, featuring the Melodians

Broadcast through KJR, KEX and KGA 6:30 to 7 p.m.-Sonora program, CBS from New York

Broadcast through KJR, KEX, KGA, KLZ, KYA, KMTR and KDYL.
7 to 7:30 p.m.—The Columbians, 37-piece

chestra, in classical program, CBS from New York

Broadcast through KJR, KEX, KGA, KDYL,

Floadcast through KJR, KEX, KGA, KD1L, KYA, KMTR and KLZ.
7:30 to 8 p.m.—Enchanters' Male Quartet, program of American songs
Broadcast through KJR, KEX and KGA.
8 to 8:30 p.m.—"Chronicles of Katz," humorous

sketch Broadcast through KJR, KEX, KGA, KLZ,

KYA, KMTR and KDYL. 8:30 to 9 p.m.—Enchanters' quartet, ABC, Se-

Broadcast through KJR, KEX, KGA, KLZ,

KMTR and KDYL. 9 to 10 p.m.—Musical comedy and opera hour, ABC, Seattle

Broadcast through KJR, KEX, KGA, KLZ, KMTR and KDYL.

10 to 10:30 p.m.-Night Club skit

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ. 10:30 to 10:45 p.m.—Novelty plano duet, Fran-cesco Longo and William Coburn

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ.

10:45 to 11 p.m.—Saxophone quintet Broadcast through KJR, KEX, KGA, KYA

and KMTR. 11 to 12 midnight-Vic Meyers' popular record-

ing orchestra Broadcast through KJR, KEX, KGA, KYA

and KMTR.

243.8 Meters KYA 1230 Kcys.

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco

7 to 8 a.m.—Vim, Vigor and Vitality, ABC 8 to 9 a.m.—KYA morning glories 9 to 10 a.m.—Sally Cooke, better homes girl 10 to 10:45 a.m.—Recorded program 10:45 to 11 a.m.—Prudence Penny 11 to 11:40 a.m.—California sunshine hour

11:40 to 11:50 a.m.—Dr. Julian R. Brandon

11:50 to 12 noon—California sunshine hour 12 to 12:15 p.m.—News items 12:15 to 12:30 p.m.—Recorded program 12:30 to 1:30 p.m.—Golden Gate Gypsies

1:30 to 1:50 p.m.—Recorded program
1:50 to 2 p.m.—Dr. Buren L. Corley

1:a0 to 2 p.m.—Dr. Buren L. Corley
3 to 4 p.m.—Bridge party hour
4 to 4:15 p.m.—Newscasting
4:15 to 5 p.m.—Recorded
5 to 5:30 p.m.—Who's Who Travelogues
5:30 to 6 p.m.—Studio program
6 to 6:15 p.m.—News Items
6:15 to 6:30 p.m.—Colden Cata Carrel

6:15 to 6:30 p.m.—Golden Gate Cryer 6:30 to 7 p.m.—Sonora hour, Columbia release 7 to 7:30 p.m.—Pacific Salon Orchestra

7:30 to 7:45 p.m.—Sport interviews

8 to 8:30 p.m.—Chronicles of Katz, ABC 8:30 to 9 p.m.—Enchanters Quartet, ABC

9 to 10 p.m.-Musical comedy and opera hour, ABC

10 to 10:30 p.m.—Night Club skit, ABC 10:30 to 10:45 p.m.—Novelty piano duo, Seattle

10:45 to 11 p.m.—Saxophone quintet, ABC 11 to 12 midnight—Vic Meyers, ABC

236.1 Meters **KOL** Channel 127 1270 Kcvs. 1000 Watts Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.—Sunset Musical Klock

9:30 to 9:45 a.m.—The Market Basket 9:45 to 10 a.m.-Aunt Sammy's chat

10 to 10:10 a.m.—Concert program
10:10 to 11:15 a.m.—Household topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints

11 to 11:15 a.m.—Dorothy Neighbors, menu i 11:15 to 12 noon—Musical Moments 12:15 to 12:30 p.m.—Farm flashes 12:30 to 1:30 p.m.—Shrine Club program 2 to 3 p.m.—Matinee melodies 3 to 4 p.m.—Organ concert, F. C. Feringer 4 to 4:30 p.m.—Twilight Time 4:30 to 5 p.m.—News items; weather report 5 to 6 p.m.—Service hour

p.m.-Service hour 5 to 6

5 to 6 p.m.—Service hour
6 to 6:30 p.m.—Music, newscasting
6:30 to 7 p.m.—Pacific Trade program
7 to 7:30 p.m.—Melbourne Trio
7:30 to 8 p.m.—Melbourne Trio
7:30 to 8 p.m.—Magic Keys
8 to 8:15 p.m.—4-H Club Crier
8:15 to 9 p.m.—Studio program
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 9:30 p.m.—Henry Ehlers' ukulele ditties
9:30 to 10 p.m.—Request hour
10 to 12 midnight—Cole McElroy's Dance Band

10 to 12 midnight-Cole McElroy's Dance Band

Channel 55 KTAB 545.1 Meters 550 Kcys. 500 Watts Pickwick Broadcasting Co., Oakland, Calif. 8 to 9 a.m.—Ray Raymond's tabloid of the air 9 to 9:30 a.m.—Prayer hour 9:30 to 10 a.m.—Dr. J. Douglas Thompson 10 to 10:30 a.m.-Morning classified and recordings 10:30 to 11 a.m.—Studio program 11 to 11:30 a.m.—Popular broadcastings 11:30 to 12 noon—Studio program 12 to 1 p.m.—George Otto's Hawaiians 12 to 1 p.m.—George Otto's Hawanaus
1 to 1:30 p.m.—Organ recital
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Studio program
2:30 to 3 p.m.—Morton, Carlson and Moran
3 to 4 p.m.—Pickwick Versatilians; Estelle Moran, soloist; Harry Morton, tenor
4 to 5 p.m.—KTAB Salon Orchestra
5 to 6 p.m.—Brother Bob's frolic
6 to 6:30 p.m.—Animo Light half hour 6 to 6:30 p.m.—Animo Light half hour 6:30 to 7 p.m.—Twilight hour 7 to 8 p.m.—States Restaurant concert orchestra 8 to 9 p.m.—Artist revue 9 to 10 p.m.—KTAB Concert Orchestra, William tilians; Lucille Enderley, soloist

483.6 Meters KGW 620 Kcvs.

12 to 1 a.m.-Brother of the Night

Channel 62 1000 Watts

The Morning Oregonian, Portland, Oregon 9:15 to 9:30 a.m.—Women's setting-up exercises 9:30 to 10 a.m.—Chamber of Commerce talk 10 to 11:30 a.m.—The Town Crier 11:30 to 12 noon—Standard school broadcast,

10 to 11 p.m.-Leon Strashun, Pickwick Versatilians; Lucilla Enderley, soloist 11 to 12 midnight—Night Owls. Pick and Wick

NBC 12 to 12:30 p.m.-Maytag So-A-Tone program

2 to 2:20 p.m.—Stock market quotations 2:20 to 3 p.m.—Studio program

2:20 to 3 p.m.—Studio program
3 to 4 p.m.—Wanderers, NBC
6 to 6:30 p.m.—Seiberling program, NBC
6:30 to 6:35 p.m.—Thrift talk by Geo. P. Simons
6:35 to 6:40 p.m.—Concert trio
6:40 to 6:55 p.m.—Portland's traffic problems

6:55 to 7 p.m.—Thrift talk by American Trust Company

7 to 7:15 p.m.—Tommy Luke's Flower Girls 7:15 to 7:30 p.m.—Sports talk by J. Richardson 7:30 to 8:30 p.m.—Standard Symphony hou NBC

8:30 to 9:30 p.m.—Memory Lane, NBC 9:30 to 9:45 p.m.—Current events

9:45 to 10 p.m.—Garden talk 10 to 11 a.m.—Associated Brass Band, KOMO 11 to 12 midnight-Dance frolic

232.6 Meters Channel 129 KDYL 1290 Kcys. 1000 Watts Intermountain Broad. Corp., Salt Lake City

6:30 p.m.—Columbia Broadcasting System, Sonora musical program p.m.—Popular artists

p.m.-Chronicles of Katz, ABC

8 p.m.—Chrometes of Ratz, ABC 8:30 p.m.—Studio program 9 p.m.—American Opera Company, ABC 10 p.m.—Nite Club Skit, ABC 10:30 p.m.—Novelty selections, ABC 11 p.m.—Vic Meyers' recording orchestra, ABC

KFI 468.5 Meters Channel 64 640 Kcys. 5000 Watts

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8 a.m.—Shell Happy Time from KPO 9 a.m.—Musical program by Sylvia 10 a.m.-Sylvia's Happy Hour, Bristow & Rudin,

sponsors 11 a.m.—Georgia O. George

11:30 a.m.-Standard school broadcast, NBC

12 noon—Dept. of Agriculture talks 12:15 p.m.—Federal and state market reports 2 p.m.—Smiling Eddie Marble

2:15 p.m.—Helen White, Aaron Gonzales, planist 3 p.m.—Alma and Adele Howell; Betty Thomp-

s p.m.—Alma and Adele Howell; son, contralto and pianist 4 p.m.—A. Melvern Christie 4:30 p.m.—Kay Phillips 4:45 p.m.—Dr. H. Edward Myers 5 p.m.—Uncle Don

5:30 p.m.—Griffith Jones, attorney 5:45 p.m.—Stafford-Wood Tire Company

6 p.m.—Seiberling program, NBC

6:30 p.m.—KFI Symphonette 7:30 p.m.—Standard Symphony, NBC 8:30 p.m.-North American Building and Loan

Co. program 9:30 p.m.—Packard Concert Orchestra, Pryor Moore, director 10 p.m.—The Trocaderans, NBC

361.2 Meters KOA Channel 83 830 Kcys. 12,500 Watts

General Electric Co., Denver, Colorado

5 to 5:30 p.m.—Forhan's Song Shop, NBC 5:30 to 6 p.m.—Reese Popular quartet 6 to 6:30 p.m.—Seiberling program, NBC 6:30 to 7 p.m.—Maxwell House Coffee

7 to 7:30 p.m.—Halsey Stuart, NBC 7:30 to 8 p.m.—Extension Service, Colorado Agricultural College

239.9 Meters Channel 125 KFOX 1250 Kcys. 1000 Watts Nichols & Warinner, Long Beach, Calif.

8 to 8:15 a.m.-"Tadpole," the Buttercream Boy 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Musical program 9:20 to 9:50 a.m.—Organ recital 9:50 to 9:50 a.m.—Organ recital 9:50 to 10 a.m.—Spanish program 10 to 10:10 a.m.—Hawalian program 10:10 to 10:20 a.m.—Popular songs 10:20 to 10:30 a.m.—Salon music 10:30 to 10:30 a.m.—Sation music 10:30 to 11 a.m.—Popular dance music 11 to 11:10 a.m.—Mae Day beauty talk 11:10 to 11:20 a.m.—Banjo recordings 11:20 to 11:30 a.m.—(Clarence") 11:30 to 11:50 a.m.—Early news report 11:30 to 11:50 a.m.—Early news report
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—Organ recital, Dick Dixon
12:30 to 1 p.m.—Imperial Trio
1 to 1:15 p.m.—"Health and Efficiency"
1:15 to 2:30 p.m.—Imperial Trio
2:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:20 p.m.—News report
4:20 to 4:30 p.m.—Musical program
4:30 to 5 p.m.—Old time dance music
5 to 5:30 p.m.—Organ recital, Dick Dixon
5:30 to 6 p.m.—Bear Cafe orchestra
6 to 6:05 p.m.—Lost and found department

5:30 to 6 p.m.—Bear Cafe orchestra 6 to 6:05 p.m.—Lost and found department 6:05 to 7 p.m.—Bear Cafe Orchestra 7 to 7:30 p.m.—Sunset Harmony Boys 7:30 to 8 p.m.—Pacific Coast Cluh orchestra 8 to 8:30 p.m.—Broadcast from KNX 8:30 to 9 p.m.—Harnock Harmonizers 9 to 11 p.m.—Musical program 11 to 12 midnight—Organ recital, Dick Dixon

340.7 Meters 880 Kcvs.

Channel 88 500 Watts

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises 8 to 9 a.m.—Jean Kent 9 to 9:30 a.m.-Recordings 9:30 to 10 a.m.—Health questions 10 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Opening stocks, weather 10:30 to 11 a.m.—Home Economics hour 11 to 12 noon—Classified advertising hour 12 to 1 p.m.—Machado's KLX Hawaiians 1 to 2 p.m.—Jean's Hi-Lights 2 to 3 p.m.—Recordings 4:30 to 5 p.m.—Chas. T. Besserer, organ recital 5 to 5:30 p.m.—Brother Bob 5:30 to 5:50 p.m.—Cressy Ferra, jazz pianist 5:50 to 6 p.m.—Curtain Calls 5:30 to 6 p.m.—Currain Calls
6 to 7 p.m.—Hotel Oakland concert trie
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—The KLX'ns
8 to 9 p.m.—Helen Wegman Parmelee, pianist;
Raymond Marlowe, tenor; Bacchanal Trio
9 to 10 p.m.—Machado's Hawalians

322.4 Meters 930 Kcys.

KFWI

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif. 7 to 8 a.m.—Health exercises by Cal King 10 to 10:30 a.m.—Charlie Glenn, News in Rhyme

and Songs of Yesteryear

and Songs of Yesteryear
10:30 to 11 a.m.—Studio program
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Cal King's Country Store
6 to 6:55 p.m.—Dinner hour program
6:55 to 7 p.m.—Police reports of missing people
8:30 to 9 p.m.—Studio program

508.2 Meters 590 Kcvs.

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington 6:45 to 7 a.m.—Inspirational services
7 to 7:30 a.m.—Bailey's period of pep
7:30 to 8 a.m.—Model Boot Fashions
8 to 8:30 a.m.—C. Andre 1st
8:30 to 9 a.m.—Kronenberg's program
9 to 10 a.m.—Household Service 10 to 11 a.m.-Sara Leigh's Hour with Women, Home Hints, recipes, etc.

11 to 11:30 a.m.—Farmers' Service Hour

11:30 to 12 noon—Standard school bro broadcast. NBC 12 to 12:30 p.m.—Valvoline 12:30 to 1 p.m.—Stienite information 1 to 1:30 p.m.—Miss Modern 1:30 to 2 p.m.—Fur Facts 2 to 3 p.m.—The Facts
2 to 3 p.m.—The Wanderers, NBC
4 to 4 p.m.—The Wanderers, NBC
4 to 4:30 p.m.—Empire home hints Service 5 to 6 p.m.—Service Hour 6 to 6:30 p.m.—Seiberling program, NBC 6:30 to 7:15 p.m.-Dinner concert, sports and news 7:15 to 7:30 p.m.—Alice in Launderland 7:30 to 8:30 p.m.—Standard Symphony, NBC 8:30 to 9:30 p.m.—Crescent's Old Favorites to KOMO 9:30 to 10 p.m.—Musical programs 10 to 11 p.m.—Associated Oil, KOMO 11 to 11:30 p.m.—Mission Orange Dry party 11:30 to 12 midnight—Desert Happy Caravan

322.4 Meters **KFWM**

Channel 93 500 Watts

Oakland Educational Society, Oakland, Cal.

8 to 9 a.m.—Max's hour of recordings 11 to 12 noon—Don's Grand Lake shore hour

11 to 12 noon—Don's Grand Lake shore hour
1:30 to 2:30 p.m.—Edna's entertainment hour
2:30 to 3 p.m.—A kingdom message, O. B. Eddins, "The New World"
3 to 4 p.m.—Organ recital, Paul Ralston
4 to 5 p.m.—Don's hour of happiness
5 to 5:50 p.m.—Big Brother Walter
5:50 to 6 p.m.—Kingdom of world news
7 to 8 p.m.—Doe Herrold

5:30 to 6 p.m.—Kingdom of world news
7 to 8 p.m.—Doc Herrold
8 to 8:30 p.m.—The Watch Tower prog
Bible lecture, I. B. S. A. speaker
9 to 10 p.m.—Special musical program;
Travelers' Big Show
10 to 11 p.m.—KFWM Maui Hawaiians

272.6 Meters KJBS 1100 Kcvs.

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif. 7 to 8 a.m.—Early Bird hour 8 to 9 a.m.—Favorite recordings 9 to 9:30 a.m.—Embassy popular program 9:30 to 11 a.m.—Vocal and instrumental records 9:30 to 11 a.m.—vocal and instrumental recordings 11 to 12 noon—Concert music recordings 12 noon to 1 p.m.—Popular dance recordings 1 to 1:30 p.m.—Raymond Melodists 1:30 to 3 p.m.—Variety records 3 to 4 p.m.—Records for the Bridge hour 4 to 5 p.m.—Tea time tunes 5 to 5:30 p.m.—New record releases

230.6 Meters KTBI 1300 Kcvs.

Channel 130 1000 Watts

Bible Institute of Los Angeles, California 8 to 8:15 a.m.-Uncle Harry's Bible story 8:15 to 8:45 a.m.—Devotional service 8:45 to 9:15 a.m.—Announcer's hour 9:15 to 9:45 a.m.—Radio Bible course 9:45 to 10:35 a.m.—News of Christian work 10:35 to 11:30 a.m.—Christian evidences 11:30 to 12 noon—Leland and Thelma Green 12 to 12:15 p.m.—Chimes and Scripture reading 12 to 12.15 p.m.—Ernest Nichols, baritone 1:15 to 2 p.m.—Missionary biographies 2 to 2:30 p.m.—Rev. F. E. Lindgren

333.1 Meters 900 Kcys.

KH.J

1000 Watts

Don Lee, Inc., Los Angeles, California 7:30 to 8 a.m.-Physical culture period to 9 a.m.-The Early Birds to 10 a.m.-Late recordings 9 to 10 a.m.—Late recordings
10 to 10:15 a.m.—Chapel period, U. of S. C.
10:15 to 11:15 a.m.—Agnes White, "At Our House"
11:30 to 12 noon—"Two Starving Song Writers"
12 to 12:30 p.m.—Biltmore Concert Orchestra
12:30 to 12:45 p.m.—World-wide news
12:45 to 1:30 p.m.—KHJ Dance Orchestra
13:00 to 2 p.m.—Charlie Wellman's program
2 to 2:30 p.m.—Robertson, "The Dog Man"
2:30 to 3 p.m.—Dorothy Ellen Cole
3 to 4 pm.—Matinee Melody Masters 2:30 to 3 p.m.—Dorothy Ellen Cole
3 to 4 p.m.—Matinee Melody Masters
4 to 4:30 p.m.—Studio program
4:30 to 5 p.m.—"Uncle Jerry's Adventures"
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—Late recordings
6 to 6:45 p.m.—Organ, Wesley B. Tourtellotte
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—Inglewood Park program
7:30 to 8 p.m.—Elvia Allman's "Surprise Package"
9 to 10 p.m.—Don Lee Symphony Orchestra
10 to 12 p.m.—Earl Burtnett's dance orchestra
12 to 1 a.m.—Organ and variety program

296.6 Meters 1010 Kcys. First Baptist Church, San Jose, California

Channel 101 500 Watts

10 to 11 a.m.—The Helpful Hour 11 to 11:15 a.m.—Belco program

11:45 to 12 noon—Leonard & Holt program
12 to 12:30 p.m.—News items
12:30 to 1 p.m.—Farm and weather reports

12:30 to 1 p.m.—Farm and weather reports to 1:30 p.m.—Hart's store half hour 1:30 to 2:30 p.m.—The Friendly Hour 2:30 to 3:30 p.m.—Second Street musical hour 3:30 to 4 p.m.—Fanchon's style chat 4 to 5 p.m.—Sunshine hour with "W. K." 5 to 5:15 p.m.—Leonard & Holt program 5:15 to 5:30 p.m.—Fifteen minutes at Franco's 5:30 to 6 p.m.—Pal's Big Brother hour 6 to 6:20 p.m.—U. S. D. A. Farm School 6:20 to 6:50 p.m.—Farm and weather reports 6:50 to 7 p.m.—Farm Bureau news

7 to 8 p.m.—Farm Bureau news 8 to 9:30 p.m.—Songs of the Old Church Choir

9:30 to 10 p.m.—Crop digest

315.6 Meters KFWB 950 Kcvs.

Channel 95 1000 Watts

Warner Brothers, Hollywood, California 2 p.m.—Courtesy program 4:30 p.m.—Radio travel tales

5.45 p.m.—Radio review 5.45 p.m.—Town Tattler 6.20 p.m.—Musical program 6.30 p.m.—Harry Jackson's entertainers

7 p.m.—Concert quintet 7:30 p.m.—Amos 'n' Andy 7:45 p.m.—Daily news

8 p.m.—Len Nash and his Country Boys; Jean Cowan, popular songs
9 p.m.—Vernon Rickard, tenor, and the Federal

Radio Orchestra

10 to 11 p.m.-Roy Fox's orchestra

285.5 Meters 1050 Kcys.

Channel 105 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 2:30 to 3 p.m.—Paul Hugon 3 to 4 p.m.—C. P. R.'s musical program

4 p.m.—Louise Johnson, reading horoscopes 4:15 to 4:25 p.m.—Lost and found annour found announce-

Hens ## Hen

directing

7 to 7:30 p.m.—Tom Mitchell, baritone
7:30 to 8:30 p.m.—Courtesy program
8:30 to 9 p.m.—Tom Brenneman and Tom
9 to 10 p.m.—Feature program
10 to 12 midnight—Gus Arnheim's dance or-

chestra

12 to 1 a.m.-Dorado Club dance hour

291.1 Meters 1030 Kcys.

Channel 103 500 Watts

Canadian National Rys., Vancouver, B. C.

10 a.m.—Morning hour of music 10 p.m.—The National Concert Orchestra, Una Calvert, director

MAJESTICS BY THE CARLOAD

Approximately twenty carloads of Majestic Electric Radios were received by distributors in northern and central California during the last fifteen days of January, according to C. Sharrah, vice-president of the Frederick H. Thompson Company, distributors for the Grigsby-Grunow Company of Chicago, manufacturers of Majestic Radios.

This is said to be a phenomenal record and a demonstration of the fact that the demand

for Majestic remains unprecedented.

In spite of this tremendous shipment, says Mr. Sharrah, the supply was inadequate for

Factory production has now reached 4000 receivers per day. In other words, eight complete Majestic Radios are manufactured every minute of the day in the six huge manufacturing plants of this concern.

Anticipating the growing demand, the company recently announced that plans are under way to increase facilities so that within a short time 5000 Majestics will be manufac-

tured daily.

The overwhelming success of the new 1929 Majestic is largely attributed to the fine furniture housing the receiver. It is said to be the finest of its kind and particularly outstanding because it is rarely, if ever, found in radios moderately priced as is the new Majestic.

REPAIRING

We maintain a laboratory especially equipped for repairing and re-building radio sets. No job is too small or too large for us.

All work carries our guarantee that it must be right. Estimates gladly given. Mail orders given prompt attention.

QUALITY RADIO SHOP

86 Fourth St. San Francisco

Feb. 22, 1929



Anthony Linden KGO-10:00 p.m.



Ken Stuart KOL-7:00 p.m.



Albert Gillette KPO—12:10 p.m.



Jennings Pierce NBC-Announcer

1230 Kcvs. KYA 243.8 Meters

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco 7 to 8 a.m.—Vim, Vigor and Vitality, ABC 8 to 9 a.m.—KYA morning glories 9 to 10 a.m.—Sally Cooke, better homes girl 10 to 10:30 a.m.—Recorded program 10:30 to 10:40 a.m.-Dr. Buren L. Corley

10:40 to 11 a.m.—Recorded program 11 to 12 noon—California sunshine hour

12 to 12:15 p.m.—News items 12:15 to 12:30 p.m.—Recorded program

12:15 to 12:30 p.m.—Recorded program
12:30 to 1:30 p.m.—Pacific Salon Orchestra
1:30 to 2 p.m.—Recorded program
2 to 3 p.m.—Pacific Salon Orchestra
3 to 4 p.m.—Bridge party hour
4 to 4:15 p.m.—Newscasting
4:15 to 5 p.m.—Recorded program
5 to 5:30 p.m.—Who's Who Travelogues
5:30 to 6 p.m.—Studio program
6 to 6:30 p.m.—News items direct
6:30 to 7 p.m.—Leo Carrillo, with Golden Gate
Gypsies. ABC

Gypsies, ABC 7 to 7:30 p.m.—Musical marathon, Golden Gate

Gypsies, Herman Kenin directing

7:30 to 8 p.m.—Curtain Calls of Long Ago. 8 to 9 p.m.—Neapolitan Nights, ABC 9 to 9:30 p.m.—Kenin Capers, Golden Gypsies, with Herman Kenin directing

9:30 to 10 p.m.—Music room hour, string quartet 10 to 11 p.m.—Dancing Strings 11 to 12 midnight—Golden Gate Gypsies, Her-man Kenin directing

272.6 Meters 1100 Kcys.

KJBS

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif.

7 to 8 a.m.-Early Bird hour 8 to 8:45 a.m.—Popular recordings 8:45 to 9 a.m.—Prof. Nier, physical culture 9 to 9:30 a.m.—Embassy popular program 9:30 to 10:45 a.m.—Variety recordings 10:45 to 11 a.m.—Dr. Wiseman, health talk 11 to 12 noon—Instrumental records 12 noon to 1 p.m.—Popular dance tunes 12 noon to 1 p.m.—Popular dance times
1 to 1:30 p.m.—Raymond Melodists
1:30 to 2 p.m.—Variety records
2 to 3 p.m.—Red Seal recordings
3 to 4 p.m.—Records for the Bridge hour
4 to 5 p.m.—Dance music
5 to 5:30 p.m.—Vocal recordings

National Broadcasting Company

10:30 to 11:30 a.m.-"Woman's Magazine of the

Air"
Tracing the history of milk from 2000 B. C. to the present, Ann Hodlen will be heard in an interesting talk when the Alpine feature of "The Woman's Magazine of the Air" is broadcast. She will also present an entirely original recipe for spaghetti.

Mammy Sperry, with her husband, Henry, are the principals in the Sperry feature, which will also be broadcast during the hour.

Broadcast through KHQ, KOMO, KGW. KGO. KPO and KFL.

KGO, KPO and KFI.

1 to 2 p.m.—Pacific Little Symphony
The Pacific Little Symphony, under the direction of Max Dolin, will broadcast a program of symphonic music from San Francisco through a coast-to-coast network of NBC System stations.

Broadcast through KOMO and KGO.

3:30 to 4 p.m.—Raybestos program
Ray and Bestos make merry each week in their imaginary garage, where the musical repairmen are always on hand to contribute catchy instrumental selections interspersed between the humorous dialogue of the twins.

Broadcast through KHQ, KOMO, KGW.

KGO, KPO and KFI.
4:30 to 5 p.m.—Address by Charles Evans
Hughes: "The Debt the Nation Owes George Washington"

Broadcast through KHQ, KOMO, KGW, KPO, KGO and KFI.

5 to 5:15 p.m.—Land o' Health The Bath Tub Ferry Boat, carrying DA-RA-O and his eager young followers, will arrive at the Inspection House on Pure Water Lake during the Land o' Health broadcast this afternoon.

Broadcast through KHQ, KOMO, KGW and KGO.

6 to 6:30 p.m.-Wrigley Review

Recognizing the spirit of Washington's birthday with three appropriate numbers, the Wrigley Review will be broadcast from coast to coast tonight.

Bagley's "National Emblem March," whose

spirited rhythms are heard in every parade.

will be the initial selection, played by the or-chestra under the direction of Harold Sanford. chestra under the direction of Harold Santord. The orchestra concludes the program with Boccherini's "Minuet," an example of the graceful dance music in vogue at the time Washington lived. Marjorie Horton, soprano, completes the trio of special numbers with "Carry Me Back to Old Virginny."

Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.

Jessica Dragonette, soprano, and Colin O'More, tenor, will be presented in another half hour of musical comedy and light opera Harold Sanford will conduct the selections Philco Orchestra.

Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI. 7 to 7:30 p.m.—Hudson-Essex Challengers will be heard through KHQ, KOMO, KGW, KGO,

be heard through KHQ, KOMO, KGW, KGO, KPO and KFI.

8 to 9 p.m.—RCA hour
Divided into three periods, the hour is devoted to the "World of Music and Letters," the "World of Knowledge" and the "World of Music, History and Philosophy."

Broadcast through KHQ, KOMO, KGW, WCO KPO and KFI.

KGO, KPO and KFL 10 to 12 midnight—The Trocaderans, Broadcast through KSL, KOA, 10 to 11 p.m.; KGO, 11 to 12 midnight.

ARC

American Broadcasting Company

6:45 to 7:45 a.m.—Vim, Vigor and Vitality Broadcast through KJR, KEX, KGA, KYA and KMTR

to 9 a.m.-The Golden Hour Orchestra; intermissions

Broadcast through KJR, KEX and KGA.

9 to 9:30 a.m.—Mary Cooke Better Homes pro-Broadcast through KJR, KEX and KGA

9:30 to 9:45 a.m.—Studio program, Glenn Eaton and Marjorie Robillard

Broadcast through KJR, KEX and KGA.

9:45 to 10 a.m.—Morning devotional service Broadcast through KJR, KEX and KGA. 10:30 to 10:45 a.m.—Georgia O. George, hair culture

Broadcast through KJR, KEX and KGA. 11:15 to 12 noon—American Reveillers Broadcast through KJR, KEX and KGA.

12 to 12:15 p.m.—Late news events
Broadcast through KJR, KEX and KGA.
12:15 to 12:30 p.m.—Lecture, Music Apprection, by Raymond David Holmes Apprecia-

Broadcast through KJR, KEX and KGA. 12:30 to 1:30 p.m.—Vic Meyers' popular record-

ing orchestra

Broadcast through KJR, KEX and KGA.
1:30 to 2 p.m.—G. Donald Gray, baritone, a
Sydney Dixon, tenor, in recital
Broadcast through KJR, KEX and KGA.
2 to 3 p.m.—American Artistic Ensemble. baritone, and

sisting soloists: Agatha Turley, soprano, and Sydney Dixon, tenor

Broadcast through KJR, KEX and KGA. to 4 p.m.—Vic Meyers' popular recording orchestra

Broadcast through KJR, KEX and KGA. 4 to 5 p.m.-The Melodians in a popular program

Broadcast through KJR and KEX.

5 to 6 p.m.—American Artistic Ensemble. sisting soloists: Virginia Strong, soprano, and

sisting soloists: Virginia Strong, soprano, and G. Donald Gray, baritone 6 to 6:30 p.m.—Vie Meyers' dinner music Broadcast through KJR, KEX and KGA. 6:30 to 7 p.m.—Leo Carillo program and Herman Kenin's orchestra, SF Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ.

7 to 7:30 p.m.—Musical Marathon, Golden Gate Gypsies, Herman Kenin directing

Broadcast through KJR, KEX, KGA, KLZ, KYA, KMTR and KDYL.
7:30 to 8 p.m.—Curtain Calls of Long Ago

Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ.

8 to 9 p.m.—Neapolitan Nights, SF
Broadcast through KJR, KEX, KGA, KDYL, KYA, KMTR and KLZ. 9 to 9:30 p.m.—Kenin Capers, Golden Gate Gyp-

sies, Herman Kenin directing Broadcast through KJR, KEX, KGA, KDYL,

KYA, KMTR and KLZ.

KYA, KMTR and KLZ.
9:30 to 10 p.m.—String quartet, SF
Broadcast through KJR, KEX, KGA, KDYL,

KYA, KMTR and KLZ. 10 to 11 p.m.—Dancing Strings, Herman Ke-

nin's popular recording orchestra, SF
Broadcast through KJR, KEX, KGA, KDYL,
KYA, KMTR and KLZ.
11 to 12 midnight—Golden Gate Gypsies, Herman Kenin, director, SF
Broadcast through KJR, KEX, KGA, KDYL,

468.5 Meters KFI Channel 64 5000 Watts 640 Kcvs. Copyright 1929, E. C. Anthony, Inc., L. A.

8 a.m.—Shell Happy Time from KPO

10 a.m.—Betty Crocker, Gold Medal talks 10:30 a.m.—Woman's Magazine of the Air, NBC

12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
12:15 p.m.—Franklin L. Graves, talk
2 p.m.—Nunez Lei Trio; Harold Raphael; Wm.

Don, English comedian p.m.—Dolly McDonald

3:30 p.m.—Raybestos program, NBC

p.m.—Hugo Escobar, Spanish lesson, Laurita Nance and Brotzie

4:30 p.m.—Talk by Chas. Evans Hughes, NBC 5 p.m.-Uncle Don

5:30 p.m.—Glen Edmund and his Collegians 6 p.m.—Wrigley review, NBC

6:30 p.m.—Philco program, NBC 7 p.m.—Hudson-Essex Challengers, NBC

p.m.—RCA Hour, NBC p.m.—Packard Concert Orchestra, Pryor Moore dir.; Bernice Morrison, pianist 10 p.m.-Dance music program, NBC

384.4 Meters **KTM** Channel 78 500 Watts 780 Kcys. Pickwick Broad. Corp., Santa Monica, Calif.

6 to 8 a.m.-Pickwick Panatrope program 8 to 10 a.m.-Bert's request program

8 to 10 a.m.—Bert's request program
1 to 1:30 p.m.—Three Red Peppers
1:30 to 2 p.m.—Classical recordings
2 to 2:30 p.m.—Lola
2:30 to 3:20 p.m.—Municipal Band concert
3:20 to 3:30 p.m.—Berlitz Method Spanish lesson
3:30 to 4 p.m.—Alice Piercy, organist
4 to 5 p.m.—Merchants' publicizing hour
8 to 8:30 p.m.—Elks' Club Orchestra
8:30 to 9 p.m.—Three Red Peppers; Loyce
Whiteman: Polly Hall

Whiteman; Polly Hall 9 to 11 p.m.—What Have You frolic 11 to 1 a.m.—Sebastian's Cotton Club

Channel 79 379.5 Meters KGO 790 Kcvs. 10,000 Watts General Electric Co., Oakland, California 9:30 to 10:30 a.m.—California home life 10:30 to 11:30 a.m.—"Woman's Magazine of the Air," NBC 11:30 to 11:50 a.m.—Elner Martin, "Home Economics" 11:50 to 1 p.m.-Rembrandt Trio 11:30 to 1 p.m.—Rembrandt Trio
1 to 2 p.m.—Pacific Little Symphony, NBC
2 p.m.—Weather, S. F. and N. Y. stocks
3:30 to 4 p.m.—Raybestos program, NBC
4 to 4:30 p.m.—Hotel St. Francis concert orchestra; Edward J. Fitzpatrick, director
4:30 to 5 p.m.—Address, Chas. Evans Hughes, NBC 5 to 5:15 p.m.—Da-Ra-O, the wise man from the Land o' Health 5:15 to 5:30 p.m.—Something to Think About 5:30 to 6 p.m.—S. F. and N. Y. stocks; S. F. Second Arabesque......Debussy Romance and Scherzo.....Grovlez Clarinet solo-Rondo from the Duo...Von Weber Piano solos-Concert etude-"Automne"Chaminade I Stood Tip-toe Upon a Little Hill....Beecher The White Peacock.....Griffes Flute and clarinet-En'tracte Quensal
Nocturne—"Fairyland" Holbrooke
Flute solos—(Transcriptions) Minute WaltzChopinMozart Flute and clarinet-Tarantelle......Saint-Saens Flute solos-The Lament of Pan.....Alice Lee Wiley

KTB1 230.6 Meters Channel 130 1000 Watts

Bible Institute of Los Angeles, California 8 to 8:15 a.m.—Uncle Harry's Bible story 8:15 to 8:45 a.m.—Devotional service 8:45 to 9:15 a.m.—Announcer's hour 9:45 to 10:35 a.m.—New Testament word studies 10:35 to 11:30 a.m.—Lecture 10:35 to 11:30 a.m.—Lecture
11:30 to 12 noon—Melba Sawyer, piano
12 to 12:15 p.m.—Chimes and Scripture reading
1 to 1:30 p.m.—Hazel Shively and Gordon Hooker
1:30 to 2 p.m.—Rev. J. K. Stewart
2 to 2:30 p.m.—Rev. Horace Cushing
7 to 8 p.m.—Sunday school lesson
8 to 9 p.m.—Evening school lecture
9 to 10 p.m.—Studio musical hour 491.5 Meters **KFRC** Channel 61 1000 Watts 610 Kcvs. Don Lee, Inc., San Francisco, Calif.

to 8 a.m.—Simpy Fitts from Seal Rocks to 9 a.m.—Musical record program o to 9 a.m.—Musra record program to 9:30 a.m.—Georgia O. George 10 to 11 a.m.—Wyn's daily chats 11 to 11:30 a.m.—"Hints to Home Makers" 11:30 to 12 noon—Amateur auditions 11:30 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman, Clay noonday concert
1:30 to 2:30 p.m.—Matinee concert orchestra
4 to 4:30 p.m.—Garden talk by F. W. Davis
4:30 to 4:35 p.m.—Something About Everything
4:35 to 4:40 p.m.—News; lost and found
4:40 to 4:55 p.m.—Mac and his gang
4:55 to 5 p.m.—Town topics
5 to 5:30 p.m.—Myrrohl Smiling Tooth Army
5:30 to 6 p.m.—Emporium children's hour
6 to 6:30 p.m.—Jo Mendel's Pep Band
6:30 to 7 p.m.—Pat Frayne, sports
7 to 7:30 p.m.—Studio program
7:30 to 8 p.m.—Anna Christina, Johnson Washer
program program 8 to 8:30 p.m.—Clinton Cafeteria program 8:30 to 9, p.m.—"Great Ladies," one of a series of programs telling the stories of the lives of programs telling the stories of the lives of some of the world's most famous women 9 to 10 p.m.—Sherman-Clay program 10 to 10:10 p.m.—Amos 'n' Andy 10:10 to 11:10 p.m.—Hotel Mark Hopkins orchestra 11:10 to 12:10 a.m.—Tom Gerunovich orchestra 333.1 Meters

Channel 90 KHJ 900 Kcys. 1000 Watts Don Lee, Inc., Los Angeles, California

12 to 12:30 p.m.—Biltmore Concert Orchestra
1:30 to 2 p.m.—Charlie Wellman's program
2 to 2:30 p.m.—Trojan half hour, U. of S. C.
2:30 to 3 p.m.—Trojan half hour, U. of S. C.
2:30 to 3 p.m.—Trojan half hour, U. of S. C.
2:30 to 3 p.m.—Elvia Allman's "Surprise Package"
4 to 4:30 p.m.—Dr. Herzog's School program
4:30 to 5 p.m.—International relations
5 to 5:30 n.m.—The Story Man
5:30 to 5:45 p.m.—Walter Brown Murray, books
5:45 to 6 p.m.—Automobile Club of S. California
6 to 6:45 p.m.—Organ, Wesley B. Tourtellotte
6:45 to 7 p.m.—World-wide news
7 to 8 p.m.—KHJ Concert Orchestra
8 to 9 p.m.—Majestic hour
9 to 9:30 p.m.—Program by Van C. Newkirk 9 to 9:30 p.m.-Program by Van C. Newkirk 9:30 to 10 p.m.-Pilot Ray program

10 to 12 p.m.—Earl Burtnett's dance orchestra 12 to 1 a.m.—Organ and variety program

12 to 12:30 p.m.-Biltmore Concert Orchestra

315.6 Meters **KFWB** 950 Kcvs.

Channel 95 1000 Watts

Warner Brothers, Hollywood, California 7 a.m.—Sunshine Melody Boys 9:30 a.m.-Harmony hour 11 a.m.—KFWB shoppers' directory 12:30 p.m.—Air Journal 1:30 p.m.—Housekeepers' chat 2 p.m.—Pacific Electric Art and his banjo 4:30 p.m.—Radio Travel Tales 5 p.m.-Radio review 5 p.m.—Radio review
5:45 p.m.—Town Tattler
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7:15 p.m.—The KFWB concert quintet
7:30 p.m.—Amos 'n' Andy
7:45 p.m.—Jean Leonard, "Wizard of the Ivories" 7:40 p.m.—Jean Leonard, wizard o 8 p.m.—Daily news items 8:10 p.m.—Spanish program 9 p.m.—Vicenzo Pometti's concer Arthur Lang, baritone 10 to 11 p.m.—Roy Fox's orchestra concert orchestra;

545.1 Meters Channel 55 KTAB 500 Watts 550 Kcys. Pickwick Broadcasting Co., Oakland, Calif. 8 to 9 a.m.—Ray Raymond's tabloid of the air 9 to 9:30 a.m.—Prayer hour 9:30 to 10:30 a.m.—Classified and recordings 10:30 to 11 a.m.—Chat with Ruth 11 to 11:30 a.m.—Studio program 11:30 to 12 noon—Recordings 11:30 to 12 noon—Recordings
12 to 1 p.m.—Otto's Hawaiians
1 to 1:30 p.m.—Organ recital
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Studio program
2:30 to 3 p.m.—Morton, Carlson and Moran
3 to 4 p.m.—Orchestra; Joan Ray and Doris
Turner, soloists Turner, soloists 4 to 5 p.m.-Pickwick Versatilians, directed by 4 to 5 p.m.—Pickwick Versatilians, directed by Leon Strashun; Robert Carlson, soloist 5 to 6 p.m.—Brother Bob's frolic 6 to 6:30 p.m.—Animo Light half hour 6:30 to 7 p.m.—Twilight hour 7 to 7:30 p.m.—Shopping and recordings 7:30 to 8 p.m.—Mormon Church program 8 to 8:15 p.m.—Careers for Women 8:15 to 9 p.m.—Studio program 9 to 10 p.m.—Leon Strashun's Pickwick Versatilians; Hall Burmeister, dramatic readings

483.6 Meters KGW Channel 62 1000 Watts 620 Kcys. The Morning Oregonian, Portland, Oregon

Morehouse

7:15 to 7:30 a.m.—Y. M. C. A. health exercises 9:30 to 10:30 a.m.—The Town Crier 10:30 to 11:30 a.m.—"Women's Magazine of the Air," NBC 11:30 to 12 noon—Continuation of the Town Crier

tilians; Hal Burmeister, dramatic readings 10 to 11 p.m.-KTAB Concert Orchestra, Jean

11 to 12 midnight—Night Owls, Pick and Wick 12 to 1 a.m.—Brother of the Night

2 to 2:20 p.m.—Stock market quotations 3:30 to 4 p.m.—Raybestos program, NBC 4:30 to 5 p.m.—Talk by Chas. Evans Hughes,

NBC

NBC

to 5:15 p.m.—"Land of Health," NBC

5:15 to 5:50 p.m.—Studio program

5:50 to 5:55 p.m.—Fishing bulletin

5:55 to 6 p.m.—Hisurance talk by Harry Daus

6 to 6:30 p.m.—Wrigley review, NBC

6:30 to 7 p.m.—Phileo hour, NBC

7:00 to 7:30 p.m.—Hudson-Essex Challengers, NBC

7:30 to 8 p.m.—Myrrohl Melody Boys

8 to 9 p.m.—"RCA hour," NBC

9 to 10 p.m.—Studio program

9:30 to 10:30 p.m.—Concert

10 to 10:30 p.m.—Studio concert

10:30 to 12 p.m.—Frolic of the Hoot Owls

232.6 Meters KDYL Channel 129 1290 Kcvs. 1000 Watts Intermountain Broad. Corp., Salt Lake City

6:30 p.m.—Leo Carrillo, noted comedy actor, and Herman Kenin's orchestra, ABC 7 p.m.—Musical marathon, ABC 7:30 p.m.—Pacific Artists' Trio, ABC 8 p.m.—Neapolitan Nights (Italian program),

ABC

p.m.-Kenin Kapers, ABC 9:30 p.m.—String quartet, ABC 10 p.m.—Dancing strings, ABC 11 p.m.—Golden Gate Gypsies, ABC

Channel 68 440.9 Meters **KPO** 5000 Watts 680 Kcvs. Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.-S & W health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock

8 to 9 a.m.—Shell happy time, by Hugh Barrett Dobbs, assisted by William H. Hancock, "Art and Bill," comedy duo and Edward Randall 9:30 to 10 a.m.—Dobbsie's daily chat, assisted

by John Risso, baritone
10 a.m.—Betty Crocker home service talks
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 12 noon—Ye Towne Cryer and organ
12 to 12:10 p.m.—Time; Scripture reading; an-

nouncements 12:10 to 12:45 p.m.-Concert, with Albert Gillette, baritone

12:45 to 1:30 p.m.—Commonwealth Club lunch-

eon at Palaee Hotel
1:30 to 2 p.m.—Jerry Jermaine for Hale Bros.
2 to 2:30 p.m.—House of Dreams, by Paul Pitman; Refa Miller, soprano

2:30 to 3:30 p.m.-Aeolian Trio

3:30 to 4 p.m.—Raybestos program, NBC 4:30 to 5 p.m.—Talk by Charles Evans Hughes, NRC

5 to 6 p.m.—Children's hour, by Big Brother 6 to 6:30 p.m.—Wrigley Review, NBC 6:30 to 7 p.m.—Philco program, NBC

6:30 to 7 p.m.—Phileo program, NBC
7 to 7:30 p.m.—Hudson-Essex program, NBC
7:30 to 8 p.m.—San Jose State College Glee Club
8 to 9 p.m.—RCA hour, NBC
9 to 10 p.m.—KPO Mixed Quartet
10 to 11 p.m.—Gordon Henderson's Palm Court
Dance Band

11 to 12 midnight-Trocaderans, NBC

340.7 Meters KLX 500 Watts 880 Kcys.

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises 8 to 9 a.m.—Jean Kent 9 to 9:10 a.m.—Bellco talk 9:10 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Opening stocks, weather

10:15 to 10:30 a.m.—Opening stocks, weather
11 to 12 noon—Recordings
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 3 p.m.—Recordings
4:30 to 5 p.m.—Chas. T. Besserer, organ recital
5 to 5:30 p.m.—Brother Bob
5:30 to 5:50 p.m.—Cressy Ferra, jazz planist
5:50 to 6 p.m.—Curtain Calls
6 to 7 m.—Hotal Cakland concert trip

7:30 to 8 p.m.—Hotel Oakland concert trio 7 to 7:30 p.m.—News broadcast 7:30 to 8 p.m.—The KLX'ns 8 to 9 p.m.—John Wharry Lewis KLX quintet 9 to 9:30 p.m.—Helen Wegman Parmelee, pian-

ist 9:30 to 10 p.m.—Helen Wegman Parmelee, pi-anist; Clara Yonge Hughes, mezzo-contralto; Kathryn Northrup, reader

10 to 11 p.m.—Fleur de Lis Orchestra

Channel 103 291.1 Meters CNRV 500 Watts 1030 Kcys.

Canadian National Rys., Vancouver, B. C.

10 a.m.-Morning hour of music

7:30 p.m.—Children's hour
8:30 p.m.—Children's hour
8:30 p.m.—Period for addresses
9 p.m.—Mr. and Mrs. Holroyd Paull present Ina
McLeod, violinist; Mary McLeod, soprano, in
a vocal and violin recital; Jessie McLeod at the piano 10 p.m.-CNRV Concert Trio and assisting

artists 11 p.m.-Dance music by the National Melodians

322.4 Meters KFWI 930 Kcys.

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises by Cal King

of to 3 a.m.—Health exercises by Cal Ring
of to 9:30 a.m.—Country Store
9:30 to 10 a.m.—Musical program
10 to 10:30 a.m.—Charlie Glenn, News in Rhyme 10 to 10:30 a.m.—Charlie Glenn, News in Rhyme and Songs of Yesteryear
10:30 to 11 a.m.—Studio program
11 to 12 noon—Morning concert
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Cal King's Country Store
6 to 6:55 p.m.—Dinner hour program
6:55 to 7 p.m.—Police reports of missing people
8:30 to 9 p.m.—Hank Blank, blues
9 to 11 p.m.—Novelty program

236.1 Meters 1270 Kcys.

KOL

Channel 127 1000 Watts

Seattle Broadcasting Co., Seattle, Wash,

6:45 to 8:45 a.m.—Sunset's Musical Klock

9:45 to 9:30 a.m.—A program of general interest 9:30 to 9:45 a.m.—The Market Basket 9:45 to 10 a.m.—Aunt Sammy's chat 10 to 10:10 a.m.—Soups and Chowders

10 to 10:10 a.m.—Soups and Chowders
10 to 11 a.m.—Household topics
11 to 11:15 a.m.—Dorothy Neighbors, menu hints
11:15 to 11:30 a.m.—Musical moments
11:30 to 12 noon—"Sweet Sixteen Time"
12 to 12:15 p.m.—Organ concert, F. C. Feringer
12:15 to 1:30 p.m.—Council luncheon program
2 to 3 m.—Musicae metadiae

2 to 3 p.m.—Matinee melodies 3 to 4 p.m.—Organ concert, F. C. Feringer

4 to 4:30 p.m.—Twilight Time 4:30 to 5 p.m.—News items; weather report

to 6 p.m.—Service hour 6 to 6:30 p.m.—Dinner hour music 6:30 to 7 p.m.—Pacific Trade program 7 to 7:30 p.m.—Ken Stuart's "Thirty Minutes of

Sunshine"

Sunshine"
7:30 to 8 p.m.—Oldtimers' hour
8 to 8:30 p.m.—Concert program
8:30 to 9 p.m.—Studio program
9 to 9:15 p.m.—Amos 'n' Andy
9:15 to 10:15 p.m.—Hotel Butler Indians
10:15 to 10:30 p.m.—Studio program
10:30 to 11:15 p.m.—Request hour
11:15 p.m. to 1 a m.—Tucker's Everstate

11:15 p.m. to 1 a.m.-Tucker's Everstate Band

296.6 Meters 1010 Kcys.

Channel 101 500 Watts

First Baptist Church, San Jose, California

10 to 11 a.m.-The Helpful Hour

11 to 11:15 a.m.—Belco program 11:45 to 12 noon—Leonard & Holt program 12 to 12:30 p.m.—News items 12:30 to 1 p.m.—Farm market and weather reports

1 to 1:30 p.m.-Hart's store half hour

1 to 1:30 p.m.—Hart's store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's style chat
4 to 5 p.m.—Sunshine hour with "W. K."
5 to 5:15 p.m.—Leonard & Holt program
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
5:30 to 6 p.m.—Pal's Big Brother hour
6 to 6:20 p.m.—U. S. D. A. Farm School
6:20 to 6:50 p.m.—Farm and weather reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—Farm Bureau news

7 to 8 p.m.—Farm Bureau news 8 to 9:30 p.m.—Ernest R. Ball program

9:30 to 10 p.m.—Crop digest

Channel 93 322.4 Meters **KFWM** 500 Watts 930 Kcvs.

Oakland Educational Society, Oakland, Cal.

 8 to 9 a.m.—Max's hour of recordings
 2:30 to 3 p.m.—Musical program under the direction of N. Florence Alexander; educational feature, June Gilman

4:30 to 5 p.m.—Don's half hour of happiness 5 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom of world news

8 to 8:30 p.m.—The Watch Tower Berean Bible study, Mr. Elder, leader

526 Meters Channel 57 KXA 570 Kcvs. 500 Watts

American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.—Inspirational services and prayer

10:15 to 10:30 a.m.-Starting today right, with Miss Habit

10:30 to 11 a.m.-Recorded program

11 to 12 noon-Our Sunshine Hour

12 to 12:30 p.m.-Hawley Oil Burner program 12:30 to 1:30 p.m.—Popular recorded program

4:30 to 5 p.m.—"Miss Opportunity" program
5 to 6 p.m.—Recorded program
6 to 7 p.m.—Northwestern Crier Hour

7 to 7:30 p.m.—Green Nash program 7:30 to 8 p.m.—Harold Morrison

to 9 p.m.-Harold and Leona Chase

to 10 p.m.—Popular music, featuring Lurlene Day, whistler; Gladys Anne Gaus, pianist; Daisy Brunt, contralto; Hilda McCombs, soprano

10 to 11 p.m.—George Carroll's Merrymakers; Jack Medford, soloist

Channel 92 325.9 Meters **KOMO** 1000 Watts 920 Kcys. Fisher's Blend Station, Seattle, Washington

9:55 a.m.—Inspirational services 10 a.m.—Y. M. C. A. health exercises 10:15 a.m.—'What to Prepare for Dinner'' 10:30 a.m.—Woman's Magazine of the Air, NBC

11:10 a.m.—Concert trio; Rhena Marshall

12 noon—Dairy vists, grain reports 12:30 p.m.—Fred Lynch, Ve Ona Socolofsky 12:45 p.m.—Joy Boys; Rhena Marshall, C

stance Cook

p.m.-Pacific Little Symphony, NBC 2 p.m.-Rhena Marshall; Fred Lynch and Jimmie Riddel, duets

mie Riddel duets
2:15 p.m.—Totem Gyrators; Joy Boys
3:15 p.m.—Alice Maclean and Jimmie Riddel,
duets; Rhena Marshall
3:30 p.m.—Raybestos program, NBC
4 p.m.—Kiddies' program
4:30 p.m.—Talk by Charles Evans Hughes, NBC
5 p.m.—Land o' Health, NBC
5:15 p.m.—The Harmonists; Ve Ona Socolofsky
5:30 p.m.—Stock and bond quotations
5:52 p.m.—News flashes
6 p.m.—Wrigley Review, NBC
6:30 p.m.—Philco hour, NBC
7 p.m.—Hudson-Essex Challengers, NBC
7:30 p.m.—Program originating KGW

7 p.m.—Hudson-Essex Channengers, ABC 7:30 p.m.—Program originating KGW 8 p.m.—RCA hour, NBC 9 p.m.—"A Night in Japan" 9:30 p.m.—Something About Everything, "Evensong" song

10 p.m.—Olympic Hotel Orchestra 11 p.m.—Mixed quartet

11:30 p.m.—Late news flashes 11:45 to 12:30 a.m.—Organ recital

239.9 Meters **KFOX** 1250 Kcvs.

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

8 to 8:15 a.m.—"Tadpole," the Buttercream Boy
8:15 to 8:45 a.m.—Bright and Early Hour
8:45 to 9:20 a.m.—Musical program
9:20 to 9:50 a.m.—Organ recital, Dick Dixon 9:50 to 9:50 a.m.—Organ rectal, Dick 9:50 to 10 a.m.—Spanish program 10:10 to 10:20 a.m.—Popular songs 10:30 to 11 a.m.—Popular dance music 11 to 11:10 a.m.—Beauty talk 11 to 11:10 a.m.—Beauty talk
11:10 to 11:20 a.m.—Beauty talk
11:10 to 11:20 a.m.—Banjo recordings
11:20 to 11:30 a.m.—Clarence''
11:30 to 11:50 a.m.—Early news
11:50 to 12 noon—Musical numbers
12 to 12:30 p.m.—Organ recital, Dick Dixon
12:30 to 1 p.m.—Julietta Burnett; Foster Rucker
1 to 1:30 p.m.—Masonic luncheon
1:30 to 2:30 p.m.—Imperial Trio
2:30 to 4 p.m.—Long Beach Municipal Band
4 to 4:20 p.m.—News report
4:20 to 4:30 p.m.—Musical program
4:30 to 5 p.m.—Dick Love's orchestra
5 to 5:30 p.m.—Organ recital, Dick Dixon
5:30 to 6 p.m.—Hancock Oll Company orchestra
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Ray Stillwell's band

6:05 to 6:30 p.m.-Ray Stillwell's band

6:09 to 6:30 p.m.—Bob Compton's orchestra
7 to 7:30 p.m.—"Em and Clem"
7:30 to 8 p.m.—Pacific Coast Club orchestra
8 to 9 p.m.—L. B. Bootery hour
9 to 11 p.m.—Musical program
11 p.m.—Musical program 11 to 12 midnight-Pacific Coast Club orchestra

508.2 Meters 590 Kcvs.

KHO

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington 6:45 to 7 a.m.—Inspirational services

7 to 7:30 a.m.—Bailey's Period of Pep 7:30 to 8 a.m.—Model Boot Fashions 7:30 to 8 a.m.—Model Book Fashions
\$ to 8:30 a.m.—C. Andre 1st
8:30 to 9 a.m.—Kronenberg's program
9 to 9:30 a.m.—The Chocolate Girl
9:30 to 10 a.m.—Household Service
10 to 10:30 a.m.—Sara Leigh's Hour with Women, Home Hints, Recipes. etc. 10:30 to 11 a.m.-Woman's Magazine of the Air. NBC NBC 11 to 12 noon—Farmers' Service Hour 12 to 12:30 p.m.—Valvoline 12:30 to 1 p.m.—Signite information 1 to 1:30 p.m.—Miss Modern 1:30 to 2 p.m.—Fur Facts 1:00 to 2 p.m.—Fur Facts
2 to 3 p.m.—Gems from Sartori
3 to 3:30 p.m.—Bailey's concert
3:30 to 4 p.m.—Raybestos program, NBC
4 to 4:30 p.m.—"Paint o' Mine" neriod
4:30 to 5 p.m.—Talk by Chas. Evans Hughes.
NBC

NBC
5 to 5:15 p.m.—Land o' Health, NBC
5:15 to 5:30 p.m.—Service hour
5:30 to 6 p.m.—Studio program
6 to 6:30 p.m.—Wrigley review, NBC
6:30 to 7 p.m.—Philco Hour, NBC
7 to 7:30 p.m.—Hudson-Essex Challengers, NBC
7:30 to 8 p.m.—Myrrohl, KGW
8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—News and sports
9:30 to 9:45 p.m.—Simplex singing banjoist
9:45 to 10 p.m.—Alice in Launderland
10 to 12 midnight—Dance orchestra

10 to 12 midnight—Dance orchestra 12 to 12:30 a.m.—Trues Oil 12:30 to 1 a.m.—Desert Happy Caravan

KOA 361.2 Meters 830 Kcvs.

Channel 83 12.500 Watts

General Electric Co., Denver, Colorado

6:30 to 7:35 p.m.—Answers on financial questions tions

tions
7:35 to 8:05 p.m.—The Solitaire Cowboys
8:05 to 9 p.m.—Vincent Lopez and his Hotel St.
Regis dance orchestra, NBC
9 to 9:30 p.m.—The Music Album — Patriotic
songs. Numbers: "Our God, Our Country and
Our Flag," "The Story of Old Glory," "Columbia the Gem of the Ocean," "America the
Beautiful," "Stars and Stripes Forever,"
"Land of Hope and Glory," "Land of Mine"

9:30 to 10 p.m.—String trio 10 to 11 n.m.—The Trocaderans, NBC

285.5 Meters 1050 Kcvs.

Channel 105 KNX 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 12 to 12:30 p.m.-Musical program

12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1:30 to 2 p.m.—The Bookworm
3:30 to 4 p.m.—C. P. R's musical program
4 to 4:30 p.m.—Dr. Wesley M. Barrett
4:25 p.m.—Dr. Wesley M. Barrett
5 to 5:45 p.m.—Chet Mittendorf
5:45 to 6 p.m.—Town Crier's amusement tips
6 to 6:30 p.m.—Organ recital, C minor
6:30 to 7 p.m.—String quintet, Paul Finstel directing directing

or to 7:30 p.m.—Tom Mitchell, baritone 7:30 to 8 p.m.—Feature program 8 to 9 p.m.—Royal Order of Optimistic Do-Nuts 9 to 9:45 p.m.—Lion Tamers' program 9:45 p.m.—Main event from Hollywood Legion

Stadium 10 to 12 midnight-Gus Arnheim's dance or-

chestra 12 to 1 a.m.-Dorado Club dance hour

SONATRON HAS BIG YEAR

SONATRON TUBE COMPANY reports net earnings, after all charges, including Federal Income Tax, for the month of December, 1928, amounting to \$204,337.58, which is equivalent to over 70 cents per share on the 282,400 shares of stock outstanding, as compared to earnings of about 46 cents per share in November, 1928.

For the three months ending December 31, 1928, total net earnings after all charges, including Federal Income Tax, amounted to \$460,617.65.

For the nine months ending December 31. 1928, the total net earnings after all charges. including Federal Income Tax, amounted to \$666,453,23.

The balance sheet as at December 31, 1928. shows total current assets amounting to \$1,425,043.59 (\$940,000 of which is represented by cash and moneys loaned out "on call") against total current liabilities of \$247,393,97 (including \$115,937.00 reserved for Federal income taxes).

Feb. 23, 1929



"Paul Revere" KGO-5:30 p.ni.



Mildred L. Epsteen KTAB-8:00 p.m.



Jean Campbell Crowe KPO Program Director



"Buster Dees" KFWB-8:00 p.m.

379.5 Meters KGO Channel 79 790 Kcys. 10,000 Watts General Electric Co., Oakland, California

9:30 to 10:30 a.m.—California Home Life 11:30 to 1 p.m.—Rembrandt Trio 4 to 5 p.m.—Hotel St. Francis concert orchestra; Edward J. Fitzpatrick, director

Edward J. Fitzpatrick, director
5 to 5:30 p.m.—Organ recital, Lew White, NY
5:30 to 6 p.m.—Paul Revere
6 to 7 p.m.—General Electric program, NBC
7 to 8 p.m.—Lucky Strike hour, NBC
8 to 8:15 p.m.—Weekly sports review, Al Santoro
8:15 to 9 p.m.—Studio concert
9 to 10 p.m.—Golden Legends, NBC
10 to 12 midnight—The New Big Show

10 to 12 midnight-The New Big Show 361.2 Meters Channel 83 KOA 830 Kcvs. 12.500 Watts

General Electric Co., Denver, Colorado 5 to 5:30 p.m.—Lew White, organ recital, NBC 5:30 to 6 p.m.—Mildred Hunt and Marimba Orchestra, NBC

to 8 p.m.—Lucky Strike hour, NBC 8 to 8:30 p.m.—Preview of International Sunday School Lesson, Rev. William O. Rogers 8:30 to 9:30 p.m.—Bill Grabau's dance orchestra

296.6 Meters Channel 101 1010 Kcys. 500 Watts

First Baptist Church, San Jose, California 10 to 11 a.m.—The Helpful Hour 11 to 11:15 a.m.—Belco program 11:45 to 12 noon—Leonard & Holt program 12 to 12:30 p.m.—News items 12:30 to 1 p.m.—Farm and weather reports 12:30 to 1 p.m.—rarin and weather reports
1 to 1:30 p.m.—Hart's store half hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Second Street musical hour
3:30 to 4 p.m.—Fanchon's style chat
4 to 5 p.m.—Sunshine hour with "W. K." 4 to 5 p.m.—Sunshine nour with w. A.
5 to 5:15 p.m.—Leonard & Holt program
5:15 to 5:30 p.m.—Fifteen minutes at Franco's
6:30 to 6:50 p.m.—Music
6:50 to 7 p.m.—Farmers' Exchange
7 to 7:30 p.m.—California Farm Bureau news

8 p.m.—Baskethall, Marysville Jr. College vs. S. J. State

ABC

American Broadcasting Company

6:45 to 7:45 a.m.—Vim, Vigor and Vitality Broadcast through KJR, KEX, KGA, KYA and KMTR

8 to 9 a.m.-The Golden Hour Orchestra; intermissions

Broadcast through KJR, KEX and KGA.
9 to 9:30 a.m.—Mary Cooke Better Homes pro-

Broadcast through KJR, KEX and KGA. 9:30 to 9:45 a.m.—Novelty program, Glenn Eaton and Marjorie Robillard

Broadcast through KJR, KEX and KGA. 9:45 to 10 a.m.—Morning devotional service Broadcast through KJR, KEX and KGA.

11 to 12 noon-American Reveillers

Broadcast through KJR, KEX and KGA.

12 to 12:15 p.m.—Late news events

Broadcast through KJR, KEX and KGA.

12:15 to 12:30 p.m.—Novelties, Glenn Eaton and Marjorie Rolillanrd

Broadcast through KJR, KEX and KGA. Broadcast through KJR, KEX and KGA.

12:30 to 1:30 p.m.—American Salon Orchestra, under the direction of Francesco Longo. Assisting soloist, Dorothy Lewis, contralto Broadcast through KJR, KEX and KGA.

1:30 to 2 p.m.—G. Donald Gray, baritone, and Sydney Dixon, tenor, in recital Broadcast through KJR, KEX and KGA.

2 to 3 p.m.—American Artistic Ensemble. Assisting soloists: Agatha Turley, Irish soprano, and Hayden Morris, Welsh basso Broadcast through KJR, KEX and KGA.

3 to 4 p.m.—American Salon Orchestra, under the direction of Francesco Longo. Assisting soloists: Virginia Strong, coloratura soprano, and G. Donald Gray, baritone Broadcast through KJR, KEX and KGA.

4 to 5 p.m.-The Melodians

Broadcast through KJR and KEX.

to 6 p.m.—American Artistic Ensemble. Assisting soloists: Dorothy Lewis, contralto, and Sydney Dixon, tenor
Broadcast through KJR and KEX.

6 to 7 p.m.—Novelty program, featuring Melodians

Broadcast through KJR, KEX and KGA. 7 to 8 p.m.-American Salon Orchestra, under

the direction of Francesco Longo. Assisting soloists: Virginia Strong, coloratura soprano, and G. Donald Gray, baritone Broadcast through KJR, KEX, KGA, KYA

and KMTR.

to 8:30 p.m.—New Haven time signals, the Melodians Broadcast through KJR, KEX, KGA, KYA

and KMTR.

8:30 to 9 p.m.—Reverie hour, a program of melodies and memories featuring old favorite songs and instrumental selections. Vo quartet and full orchestral accompaniment Vocal

quartet and full orchestral accompaniment
Broadcast through KJR, KEX and KGA.
to 12 midnight—Union Oil broadcast; Vic
Meyers' orchestra and Seattle Union Ethyl
Girl; Burtnett's Biltmore Hotel Orchestra and
Los Angeles Ethyl Girl, 1 hour; Anson Weeks'
Hotel Work Howling Orghestra and Sen Fren Hotel Mark Hopkins Orchestra and San Francisco Union Ethyl Girl Broadcast through KJR, KEX, KGA, KYA, KMTR, KHJ and KFRC.

NBC

National Broadcasting Company

5 to 5:30 p.m.-Lew White organ recital (transcontinental

Broadcast through KOMO, KGW, KGO and KFI.

5:30 to 6 p.m.-Mildred Hunt and Marimba Band ,transcontinental) Broadcast through KHQ, KOMO, KGW and

KFI. 6 to 7 p.m.-General Electric hour (transconti-

nental) Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.

7 to 8 p.m.-Lucky Strike hour (transcontinental) Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI. 8 to 9 p.m.—The Carnival

Broadcast through KPO

9 to 10 p.m.—Golden Legends
Broadcast through KHQ, KGW and KGO.

10 to 12 midnight—The New Big Show
Broadcast through KHQ, KOMO, KGW, KGO and KPO 10:30 to 12 midnight.

333.1 Meters 900 Kcys.

KHJ

Channel 90 1000 Watts

Don Lee, Inc., Los Angeles, California

7:30 to 8 a.m.—Physical culture period 8 to 9 a.m.—"The Early Birds" 12 to 12:30 p.m.-Biltmore Hotel Concert Or-

chestra

12:30 to 12:45 p.m.—World-wide news

12:45 to 1:30 p.m.—KHJ Dance Orchestra

1:30 to 2 p.m.—Charlie Wellman's program

2 to 3 p.m.—KHJ concert soloists

3 to 4 p.m.—Matinee Melody Masters

4 to 4:30 p.m.—The Midnight Mission

4:30 to 5 p.m.—Playground Department

5 to 5:30 p.m.—The Story Man

5:30 to 6 p.m.—KHJ Quintet

6 to 6:45 p.m.—Organ, Wesley Tourtellotte

6:45 to 7 p.m.—World-wide news

7 to 8 p.m.—KHJ Concert Orchestra

8 to 9 p.m.—Charlie Concert Orchestra

9 to 10 p.m.—Union Oil Co. program

10 to 12 p.m.—Earl Burtnett's dance orchestra

12 to 1 a.m.—Organ and variety program chestra

12 to 1 a.m.—Organ and variety program

Channel 68 440.9 Meters **KPO** 5000 Watts 680 Kcys. Hale Bros. & The Chronicle, San Francisco

6:45 to 8 a.m.—S & W health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock

8 to 9 a.m.—Shell happy time, by Hugh Barrett Dobbs, assisted by William Hancock and Cy Trobbe's Orchestra

9:30 to 10 a.m.-Dobbsie's daily chat; Art Fad-

den, pianist
10 to 10:10 a.m.—Annabelle Lee for Langendorf
11:30 to 12 noon—Ye Towne Cryer
12 to 12:10 p.m.—Time; Scripture reading; an-

nouncements -Noon concert with Cy Trobbe, 12:10 to 1 p.m.violinist, and Gretchen Brendel, contralto

1 to 1:30 p.m.—Jerry Jermaine for Hale Bros. 2:30 to 2:45 p.m.—Secrets for Women Only

4:50 p.m.—Stocks

to 8 p.m.—Big Brother 6 to 7 p.m.—General Electric program, NBC 7 to 8 p.m.—Lucky Strike hour, NBC 8 to 9 p.m.—"The Carnival," NBC

to 10 p.m.-Gordon Henderson's Palm Court

Dance Band 10 to 12 midnight-The Big Show, NBC

Channel 92 325.9 Meters **KOMO** 1000 Watts 920 Kcys. Fisher's Blend Station, Seattle, Washington

8 a.m.—Shell Happy Time 9 a.m.—Organ recital

9:55 a.m.—Inspirational services 10 a.m.—Y. M. C. A. health exercises 10:15 a.m.—"What to Prepare for Dinner" 10:30 a.m.—"Nip and Tuck," concert trio; Rhena

Marshall Marshall
11:45 a.m.—Ve Ona Socolofsky; Fred Lynch
12 noon—Totem Gyrators; "Jimmie and Bob"
1:15 p.m.—Totem Gyrators; Fred Lynch
2:15 p.m.—Rhena Marshall; "Fred and Jimmie;"
concert orchestra

4 p.m.—Kiddies' program 4:30 p.m.—News flashes

4:30 p.m.—News nasnes
5 p.m.—Organ recital by Lew White, NBC
5:30 p.m.—Marimba orchestra with Mildred
Hunt, NBC
6 p.m.—General Electric program, NBC
7 p.m.—Lucky Strike hour, NBC
8 p.m.—Fisher's Symphony with Ve Ona Soco-

lofsky

p.m.-Puget Sound Navigation program 9:30 p.m.—Orchestra; James Harvey, tenor 10 p.m.—Big Show, NBC 12 midnight—Late news flashes

12:15 to 12:30 a.m.-Zita Dillon; James Harvey, tenor

KGW 483.6 Meters Channel 62 1000 Watts 620 Kcys. The Morning Oregonian, Portland, Oregon

8 to 9 a.m.—Shell Happy Time 9:30 to 10 a.m.—Chamber of Commerce talk 10 to 11:30 a.m.—Town Crier

10 to 11:30 a.m.—Town Crier
12 to 1 p.m.—Luncheon concert
1 to 1:20 p.m.—Stock market quotations
1:20 to 1:35 p.m.—Old Hickory Smoked Salt talk
1:35 to 2:20 p.m.—Farmers' hour
5 to 5:30 p.m.—Lew White's organ recital, NBC
5:30 to 6 p.m.—Mildred Hunt and Marimba
Band, NBC
6 to 7 m —General Electric program, NBC

Band, NBC 6 to 7 p.m.—General Electric program, NBC 7 to 8 p.m.—Lucky Strike hour, NBC 8 to 9 p.m.—Program from KOMO, Seattle 9 to 10 p.m.—"Golden Legends," NBC 10 to 12 midnight—"The Big Show," NBC

491.5 Meters **KFRC** 610 Kcvs.

Channel 61 1000 Watts

Don Lee, Inc., San Francisco, Calif. 7 to 8 a.m.—Simpy Fitts from Seal Rocks 8 to 9 a.m.—Studio program

10 to 11 a.m.-Leigh Harline and Al Pearce

11 to 11:45 a.m.—Amateur auditions 11:45 to 12 noon—Announcements Sunday church services

church services
12 to 1 p.m.—Sherman, Clay noonday concert
3 to 4 p.m.—Melody Masters from KHJ
4 to 5 p.m.—Drake Hotel Salon Orchestra
5 to 5:30 p.m.—Don Lee Broadcasting system
5:30 to 6 p.m.—Mac and his Gang
6 to 6:30 p.m.—Organ recital, Theo. Strong
6:30 to 7 p.m.—Embassy Theatre program
7 to 8 p.m.—Don Lee chain program

6:30 to 7 p.m.—Embassy Theatre program
7 to 8 p.m.—Don Lee chain program
8 to 9 p.m.—Hotel Mark Hopkins Orchestra
9 to 10 p.m.—All-Coast Party, featuring Vic
Meyers' orchestra
10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 12:10 a.m.—All-Coast Dance Party, featuring Burtnett's Biltmore Orchestra and
Anson Weeks' Mark Hopkins Orchestra

508.2 Meters 590 Kcvs.

KHQ

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington

6:45 to 7 a.m.—Inspirational service 7 to 7:30 a.m.—Bailey's Period of Pep 7:30 to 8 a.m.—Model Boot Fashions 8 to 9 a.m.—The Happy Time Hour 9 to 10 a.m.—Household service

10 to 11 a.m.-Sara Leigh's Hour with Women,

Home Hints, Recipes, etc. 11 to 12 noon—Farmers' Service Hour

11 to 12 noon—Farmers service nour 12 to 12:30 p.m.—Valvoline 12:30 to 1 p.m.—Stienite information 1 to 1:30 p.m.—Miss Modern 1:30 to 2 p.m.—Fur Facts 2 to 3 p.m.—Washington Home Service

3 to 3:30 p.m.—Bailey's concert 3:30 to 4 p.m.—Musical program 4 to 4:30 p.m.—"Paint o' Mine" period

4:30 to 5 p.m.—Empire home hints 5 to 5:30 p.m.—Service hour 5:30 to 6 p.m.—Marimba Band a

and Mildred Hunt, NBC

6 to 7 p.m.—General Electric trans., NBC 7 to 8 p.m.—Lucky Strike hour

7 to 8 p.m.—Lucky Strike nour 8 to 8:15 p.m.—Dinner concert, sports and news 8:15 to 8:30 p.m.—Alice in Launderland 8:30 to 9 p.m.—KHQ Concert Orchestra 9 to 10 p.m.—Golden Legends, NBC 10 to 12 midnight—The New Big Show, NBC 12 to 12:30 a.m.—Mission Orange Dry Party 12:30 to 1 a.m.—Desert Happy Caravan

272.6 Meters 1100 Kcvs.

KJBS

Channel 110 100 Watts

J. Brunton & Sons, San Francisco, Calif.

7 to 8 a.m.—Early Bird hour 8 to 9 a.m.—Favorite recordings

8 to 9 a.m.—Favorite recordings
9 to 9:30 a.m.—Embassy popular program
9:30 to 12 noon—Recordings of popular favorites
12 noon to 1 p.m.—Dance recordings
1 to 1:30 p.m.—Raymond Melodists
1:30 to 3 p.m.—Popular records
3 to 4 p.m.—Orchestra recordings
4 to 5 p.m.—Roy Oliver and his Columbians
5 to 5 p.m.—Dinner pursic

5 to 5:30 p.m.—Dinner music

545.1 Meters **KTAB** 550 Kcvs.

Channel 55 500 Watts

Pickwick Broadcasting Co., Oakland, Calif.

8 to 9 a.m.-Ray Raymond's tabloid of the air 9 to 9:30 a.m.-Prayer hour

9:30 to 10 a.m.-Classified and recordings

10 to 10:30 a.m.—Studio program
10:30 to 11 a.m.—Recordings
11 to 11:30 a.m.—Al Ryan and studio program
11:30 to 12 noon—Recordings

12 to 1 p.m.—George Otto's Hawaiians

12 to 1:30 p.m.—George Ottos Hawanans
1 to 1:30 p.m.—Organ recital
1:30 to 2 p.m.—Recordings
2 to 2:30 p.m.—Joseph Carey's songsters
2:30 to 3 p.m.—Morton, Mart and Moran
3 to 4 p.m.—Pickwick Versatilians in popular hits; Mart Grauenhorst, soloist

to 5 p.m .- Orchestra; Henry Karpenstein, baritone

5 to 6 p.m.—Brother Bob's frolic 6 to 6:30 p.m.—Animo Light half hour 6:30 to 7 p.m.—Twilight hour 7 to 8 p.m.—States Restaurant concert orchestra

8 to 9 p.m.—Orchestra; Mildred Epsteen, soloist 9 to 10 p.m.—Pickwick Versatilians; Bob Furness, soloist

10 to 10:30 p.m.—KTAB Minstrels 10:30 to 11 p.m.—Studio program

11 to 12 midnight-Pick and Wick and the Night Owls

12 to 1 a.m.-Brother of the Night

239.9 Meters Channel 125 KFOX 1000 Watts 1250 Kcvs.

Nichols & Warinner, Long Beach, Calif.

10 to 10:10 a.m.-Hawaiian program 12:30 to 1 p.m.-Julietta Burnett; Cecil Fry

12:30 to 1 p.m.—Junetta Burnett; Ceci Fry 2:30 to 4 p.m.—Long Beach Municipal Band 4 to 4:20 p.m.—News report 4:20 to 4:30 p.m.—Musical program 4:30 to 5 p.m.—Tavern orchestra 5 to 5:30 p.m.—Organ recital, Dick Dixon 5:30 to 6 p.m.—Hancock Oil Company orches-

tra, dinner dance 6 to 6:05 p.m.-Lost and found department

6 to 6:05 p.m.—Lost and found department 6:05 to 6:30 p.m.—Ray Stillwell's band 6:30 to 7 p.m.—Bob Compton's orchestra 7 to 7:30 p.m.—Sunset Harmony Boys 7:30 to 8 p.m.—Pacific Coast Club orchestra 8 to 8:30 p.m.—Songs of long ago 8:30 to 9 p.m.—Long Beach Municipal Band 9 to 11 p.m.—Musical program 11 to 12 midnight—Pacific Coast Club orches

11 to 12 midnight-Pacific Coast Club orchestra

Channel 57 526 Meters KXA 570 Kcys. 500 Watts American Radio Tel. Co., Seattle, Wash.

10 to 10:15 a.m.—Inspirational services and prayer

10:15 to 10:30 a.m.-Miss Habit program 10:30 to 11 a.m.—Recorded program 11 to 12 noon-Our Sunshine Hour

12 to 12 noon—Our Sunshine Hour 12 to 12:30 p.m.—Recorded program 12:30 to 1:30 p.m.—Popular recorded program 4:30 to 5 p.m.—"Miss Opportunity" program 5 to 6 p.m.—Recorded program 6 to 7 p.m.—Northwestern Crier Hour 7 to 8 p.m.—Victor Herbert Quintet; R

Rita Prash

10 8:30 p.m.—Gypsies 8:30 to 9 p.m.—Puget Players 9 to 10 p.m.—Popular music, featuring "The Teed Kids," Orrin Shattuck, tenor ;J. D. Jafeaturing "The mieson, baritone

10 to 12 midnight-George Carroll's Merrymak-

243.8 Meters 1230 Kcvs.

Channel 123 1000 Watts

1230 Kcys.

Pacific Broadcasting Corp., San Francisco 7 to 8 a.m.—Vim, Vigor and Vitality, ABC 8 to 9 a.m.—KYA norning glories 9 to 10 a.m.—Sally Cooke, better homes girl 10 to 10:30 a.m.—Recorded program 10:30 to 10:40 a.m.—Dr. Buren L. Corley 10:40 to 11 p.m.—Recorded program 11 to 12 noon—California sunshine hour 12 to 12:15 p.m.—News items 12:15 to 12:30 p.m.—Recorded program 12:30 to 1:30 p.m.—Golden Gate Gypsies 1:30 to 2 p.m.—Recorded program 2 to 3 p.m.—Pacific Salon Orchestra 3 to 4 p.m.—Bridge party hour 4 to 4:15 p.m.—Newseasting 3 to 4 p.m.—Bridge party hour
4 to 4:15 p.m.—Newscasting
4:15 to 5 p.m.—Recorded program
5 to 5:30 p.m.—Who's Who Travelogues
5:30 to 6 p.m.—Studio program
6 to 6:15 p.m.—News items
6:15 to 7 p.m.—Golden Gate Cryer period
7 to 8 p.m.—American Salon Orchestra, ABC
8 to 8:30 p.m.—Melodians, ABC
8:30 to 9 p.m.—Pacific Salon Orchestra
9 to 12 midnight—Union Oil broadcast, Vic
Meyers' orchestra and Seattle Union Ethyl
Girl; Burtnett's Biltmore Hotel Orchestra and
Los Angeles Ethyl Girl, one hour; Anson

Los Angeles Ethyl Girl, one hour; Anson Weeks' Hotel Mark Hopkins Orchestra and San Francisco Union Ethyl Girl, one hour

322.4 Meters **KFWI** Channel 93 500 Watts 930 Kcys.

Radio Entertainments, San Francisco, Calif. 7 to 8 a.m.—Health exercises by Cal King

7 to 8 a.m.—Health exercises by Cal Ring 9 to 9:30 a.m.—Country Store 9:30 to 10 a.m.—Musical program 10 to 10:30 a.m.—Charlie Glenn, News in Rhyme and Songs of Yesteryear 10:30 to 11 a.m.—Studio program

12 to 1 p.m.—Luncheon program 6 to 6:55 p.m.—Dinner hour program 6:55 to 7 p.m.—Police reports of missing people 8:30 to 9 p.m.—Studio program

468.5 Meters 640 Kcys.

KFI

Channel 64 5000 Watts

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8 a.m.—Shell Happy Time from KPO
9 a.m.—Musical program by Sylvia
9:30 a.m.—Sylvia's Happy Hour
12 noon—Dept, of Agriculture talks
12:15 p.m.—Federal and state market reports
12:30 p.m.—Paris Inn Cafe Orchestra, direction
of E. Sheetz, Jr.
1:30 p.m.—Dicky Thomas, acc. Berta Hill
2 n.m.—Ruth Haddock contraits

2 p.m.—Ruth Haddock, contralto
3 p.m.—Collegiate Chorus, Mrs. Bowser, director
4 p.m.—Glen Edmund and his Collegians; Opal

Snow, soloist
5 p.m.—Lew White's organ recital, NBC
5:30 p.m.—Mildred Hunt and Marimba Band,

NBC

6 p.m.—General Electric program, NBC 7 p.m.—Lucky Strike Hour, NBC 8 p.m.—Security Trust and Savings Bank program

p.m.-Packard Concert Orchestra. Pryor Moore, dir.; Everton Stidham, baritone 10 p.m.—KFI Symphonette 11 p.m.—KFI Midnight Frolic

340.7 Meters 880 Kcvs.

Channel 88 KLX 500 Watts

Tribune Publishing Co., Oakland, Calif. to 8 a.m.—Exercises to 9 a.m.—Jean Kent

9 to 9:30 a.m.—Recordings 9:30 to 10:15 a.m.—Health questions 10:15 to 10:30 a.m.—Opening stocks, weather 10:15 to 10:30 a.m.—Opening stocks, weath 10:30 to 11 a.m.—Home Economics hour 11 to 12 noon—Classified advertising hour 12 to 1 p.m.—Machado's KLX Hawaiians 1 to 2 p.m.—Jean's Hi-Lights 2 to 3 p.m.—Recordings 3 to 4 p.m.—Tracy school orchestra

3 to 4 p.m.—Tracy school orchestra
4 to 4:30 p.m.—Recordings
4:30 to 5 p.m.—Chas. T. Besserer, organ recital
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, jazz pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—The KLX'ns
8 to 8:30 p.m.—Chas. T. Besserer, organ recital
8:30 to 9 p.m.—Helen Wegman Parmelee, pianist and Grebam Devter tenor ist, and Graham Dexter, tenor

9 to 10 p.m.—John Wharry Lewis dance orches-

236.1 Meters Channel 127 KOL 1270 Kcvs. 1000 Watts Seattle Broadcasting Co., Seattle, Wash.

6:45 to 8:45 a.m.-Sunset's Musical Klock

8:45 to 9:30 a.m.—A program of general interest 9:30 to 9:45 a.m.—The Market Basket 9:30 to 9:45 a.m.—The Market Basket 9:45 to 10 a.m.—Household topics 10 to 11 a.m.—'Magic Voyage of the Old Ship' 11:15 to 12 noon—Musical moments 12 to 1 p.m.—Organ concert, F. C. Feringer 1 to 1:30 p.m.—Half hour from the Song Shop 2 to 3 p.m.—Matinee melodies 3 to 4 p.m.—Organ concert, F. C. Feringer 4 to 4:30 p.m.—Twilight Time 4:30 to 5 p.m.—News items; weather report 5 to 6 p.m.—Service hour

4:30 to 5 p.m.—News items; weather repo 5 to 6 p.m.—Service hour 6 to 7 p.m.—Music; "Newscasting" 7 to 7:30 p.m.—Farm science snapshots 7:30 to 8 p.m.—Camp Fire Girls' program 8 to 8:30 p.m.—Boy Scouts' program 8:30 to 9 p.m.—Pacific Trade program 9 to 9:15 p.m.—Amos 'n' Andy 9 to 1:15 to 10:15 p.m.—Dance music

9:15 to 10:15 p.m.—Dance music 10:15 to 11:15 p.m.—Coo Coo Noodle Club 11:15 to 1 a.m.-Tucker's Everstate band

285.5 Meters KNX 1050 Kcvs.

Channel 105 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 6:45 to 8 a.m.—Exercises by Dr. P. M. Seixas 8 a.m.-Inspirational talk and morning prayer

8 a.m.—Inspirational talk and morning prayer 9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Shopping news 10 a.m.—Town Crier of the day 10:30 to 11 a.m.—Madame Marie, beauty talk 12:30 to 12:45 p.m.—W. F. Alder travelogue 1 to 2 p.m.—Musical program by C. P. R. 4:30 to 5 p.m.—C. P. R's musical program 5 to 5:45 p.m.—Chet Mittendorf 5:45 to 6 p.m.—Town Crier's amusement tips 6 to 6:30 p.m.—Playgoers' Club 6:30 to 7 p.m.—String quintet. Paul Finstei

6:30 to 7 p.m.—String quintet, Paul Finstein directing

7 to 7:30 p.m.—Bundy & Albright program 8 to 8:05 p.m.—Announcement of church services

8:05 to 10 p.m.—Feature program 10 to 12 midnight-Gus Arnheim's dance or-

12 to 1 a.m.—Dorado Club dance hour 1 to 3 a.m.—The Midnight Express

322.4 Meters 930 Kcvs

Channel 93 500 Watts

Oakland Educational Society, Oakland, Cal. 8 to 9 a.m.—Max's hour of recordings

11 to 12 noon-Musical program

11 to 12 noon—Musical program

1:30 to 2:30 p.m.—Edna's entertainment hour

2:30 to 3 p.m.—A Kingdom Message, C. R.
Welch, "Supreme and Delegated Power,"

3 to 4 p.m.—Organ recital, Paul Ralston

4 to 5 p.m.—Don's hour of happiness

5 to 6 p.m.—Kingdom talk, classical music

7 to 8 p.m.—Doc Herrold

8 to 8:30 p.m.—Bible dialogue, "Where Did Cain
Get His Wife?"

1 to 10 n m —The Frolicers

9 to 10 p.m.—The Frolicers 10 to 11 p.m.—KFWM Maui Hawaiians

315.6 Meters 950 Kcvs.

Channel 95 1000 Watts Warner Brothers, Hollywood, California

7 a.m.—Sunshine Melody Boys 9:30 a.m.-Harmony hour 11 a.m.-KFWB shoppers' directory

12:30 p.m.—Radio Travel Tales

5 p.m.—Radio review

5 p.m.—Radio review
5:45 p.m.—Town Tattler
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—The KFWB Concert Quintet
7:30 p.m.—Amos 'n' Andy
7:45 p.m.—Don Warner in piano solos
8 p.m.—Mona Motor Oilers; Buster Dees, tenor
9 p.m.—Program in honor of the Illustrated Dally News
9:30 to 11 p.m.—Roy Fox Orchestra from the
Montmartre Cafe

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Bible Institute of Los Angeles, California

7 to 7:30 p.m.—Jewish service 7:30 to 8:15 p.m.—Instrumental trio 8:15 to 9 p.m.—Special concert hour 9 to 10 p.m.—Organ recital

"ON POLICE"

(Continued from Page 7)

"'Our business,' eh?" He picked up the phrase with exaggerated accent. "What do y' mean, 'our'? Is this girl a reporter?"

Jay grinned. He dropped his voice confi-

dentially.

"Now, cap-listen. I can't tell you anything more. You know how it is . . . All I can say now is that Miss Merriweather will go through with the charge and she'll go up now . . ."

Captain Lacey's chair groaned under his

pressure.

"Oh, she'll go right up to the woman's ward, will she?" His chin came forward again. "And she'll nose around and get all the women stirred up and then the Times will come out with a big, hectic story about conditions in the city prison, and I'll have my hands full of trouble, eh? Well, take it from me. Wilson, she nor any other female reporter don't bust into my jail, now or any other time." He glared belligerently at the Times reporter. "This young lady gets released on her own recognizance, see, and the sooner she gets it, the better."

lay threw up his hands.

"Aw, listen, cap . . ."
"Forget it!" roared Lacey. "There's absolutely nothing doing on that stuff. Out she goes. I hate a sob sister, anyhow. There'll be none of that in my jail." The captain reached for his papers.

Jay lighted a fresh cigarette.
"What about that radio set she stole?" he demanded softly.

The captain pressed a button.

"That charge was dismissed. I was wise to that all the time. Hell-I can pick a sob sister a mile off. Knew her game the minute I laid eyes on her."

Jay turned to the girl with a shrug. "Well, June," he said, "I guess you might as well give up. We can't put anything over on the cap."

Outside the door of the press room the girl held out her hand. It was a shapely hand, but not a smooth one.

"And it's all over?" she asked.

"Sure, all over," said Jay. "Cap pulled that charge off before we got downstairs." chuckled.

"Oh. how . . . how can I . . ." The girl's best efforts could not curb the break in her voice now.

Jay held her hand reflectively.

"Listen, June," he said. "Don't let your emotions trip you up again. This petty larceny thing's all wet. These boys around here will put you in for life for less than that, and this is no place for a girl—like you. Go back and take care of that sister and ... Jay's glance rested lightly on the property clerk's door. 'I think I know where there's a darned good four-tube set. I could swing a wire from your window . . .

There was a flurry of red hair, a flash from wet violet eyes and the girl was gone.

"Well, the little son-of-a-gun!" Jay touched his cheek with the back of his hand. kissed me . . ." he murmured delightedly.

Inside the press room the telephone bell rang. Jay hurried to the booth and took down the receiver.

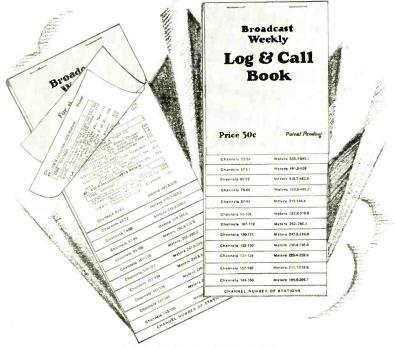
"What's doing?"

It was the city editor of the Morning Times, querying his police reporter in the press room at the city hall.

"Nothing said Jay. "Ab-so-lute-ly NOTH-ING.'

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