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BROADCAST WEEKLY

(FORMERLY RADIOCAST WEEKLY - - ESTABLISHED 1922 AS BROADCAST PROGRAM)

A.J. URBAIN, Publisher

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Los Angeles

No. 40

THE EDITOR'S PAGE

SCIENTISTS are deeply interested in a phenomena, not new, but recently studied, which may in time rival electricity as a world force. It is known as "capillarity," or the queer attraction which seems to exist between two substances in close contact. Water in a tube illustrates this perhaps to the most graphic degree. It is a molucular action of some sort which will make water rise in a small-bore tube of its own effort and in defiance of the laws of gravity. Charcoal which sucks up gas, is another application of the idea. Recently professors at Johns Hopkins University have discovered that the force involved was little short of terrific and have started a series of intensive studies of the phenomena. It is believed that the force itself may be harnassed. The development illustrates how the simple things of life are continually overlooked by man who accepts without question the things he sees. It is that quality of man which make the shell and pea game a good investment for a fast-handed worker.

The phrase of the street. "Nice day, isn't it?" once a meaningless lingo to fill in a conversational void, has become the dream of aviation. For radio added to aviation equipment has converted the day's status into the first factor in flying. Hardly a plane leaves the ground today without first getting the latest weather bulletin from the field station. And those in air take hourly reports of flying conditions from an operator's key at some airport. It is making the world of flying at least "weather conscious," and more and more the rest of us weather conscious also. It is important to know what the weather is these days—as every farmer knows

who seeks a market for his products. The day's climate now ranks with the day's breakfast as a "starter" for many activities.

"Nothing" is one of the most important things in science. We are prone to take nothing, emptiness, zero as symbolic of waste. It is no longer true. The discovery that the hole in a hollow wire saves power companies millions in high potential leakages, is one of the graphic examples of the extent to which "nothing" has become of commercial value. Experiments by Dr. M. G. Lloyd of the Bureau of Standards at Washington have shown that hollow wires save current and out of this discovery "nothing" has acquired a new value. In astronomy, the nothingness of space is being recognized as the essential essence of all things. The laboratory axiom "Nothing is lost" would be a veritable tragedy—if it were true.

For the first time radio affairs of the United States are under control of a balanced commission. The radio commission under President Coolidge, for some odd reason, was composed of men who knew little or nothing of radio, for the most part, and as might have been expected their administration of radio affairs goes into the limbo of all of our national flops. The present commission, however, is another matter. Lawyers and engineering personnel make up its elements. The forthcoming legislation at Washington, it is anticipated will be cut on similarly intelligent lines. Radio men look to the present commission to solve many of the problems which the other commission pigeon-holed because the problems were too hig for their understanding.



E-L-E-C-T-R-I-C R-A-D-I-O

POWER - POWER - POWER

That plus Sensitivity and Selectivity is the key note of the new MAJESTIC Electric Radio.

To appreciate this new marvel you must hear it and see it. It embodies everything that can be demanded of a receiver.

There is a total absence of hum and internally-created "background" noises. All you hear is perfect reproduction.

Precision of tuning, a "single channel selectivity," that will delight even the most cynical distance hunter.

TUNE IN MAJESTIC THEATRE OF THE AIR

Over Columbia Broadcasting System—Stations KYA, KFRC and KMJ every Sunday evening, 5 to 6, Pacific Standard Time. Headliners of stage and screen.

Mighty Monarch of the Air



The cabinet is of Jacobean design, developed in American Walnut—doors of matched butt walnut, with overlays on doors and interior panel of Australian Lacewood.

Silver finished escutcheon plate, knobs and door pulls.

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By EARLE ENNIS

ADIO scrapes the foam off of the entertainment glass. It also stirs up the sediment. Likewise it puts on the same program, the grand opera star, the soap maker, and the divine—shakes them like dice in a box, and rolls them forth for a seven or an eleven, according to the applause cards. Wherefore radio is the grand leveller, a supreme democracy, and a human sieve.

We heard an old trooper say once, after a great singer had appeared on the vaudeville stage: "She finished the program, all right, but me and my trained dogs, we opened for her." Radio is like that. There is no aristocracy of the air. The microphone makes commoners of us all, and this applies to both sides of the "mike," for out in space a king can hear no more than a grave digger—if each has the latest set.

Tonight we have a President at our dinner table. Tomorrow a queen of music lifts her voice for our entertainment. The difference between the two is key pressed in remote control—the flip of a circuit, the path of a shunt down a copper line. And between those two, and the cowboy with his harmonica, tonguing cow-land harmonies for a million listeners—the twist of a dial, only. Wherefore—between this and that, and thus and so we have a black line painted on a disk, or the forward and back play—one inch perhaps, of a control switch.

Interesting angle this: Says one mother: "Johnny—behave yourself or you'll never be President!" Johnny doesn't behave because he has temperament. Having temperament, he grows to be a great musician and toodles a tuba. In the heydey of his fame he is booked on the inauguration program. A President speaks and gets applause. Johnny toodles—and gets 50,000,000 applause cards and a contract that would shock a banker. Radio has placed Johnny next to the Presidency and fame is his. What, then, has radio done?

Radio is a scalpel that exposes the ganglea. It takes personality, such as one buys in books, and throws it bodily out of the window. It peels pretense like skin from a banana. The bimbo who broadcasts must

have something on the pan or the public chuckle is his and without the asking. The high chest and haughty look no longer counts. The personal gesture, the oratorical eye, the imposing dignity—rinds, peelings, hurled into the discard.

Radio clicks a shutter and we see through a hole into the nakedness of fact. A singer either sings or she doesn't. No jewels, gauds, complimentary lights to soften or distract. We sit in the dark and listen and we can tell her to the nicety of a gnat's apron-string if she is or isn't, if she does or doesn't. The politician — professional legerdermainist — juggling words in the harlequin co'ors of royal verities—over the radio, speaks into a cosmic void—and the hollow echoes come back to him like thunder. Sunk his ship of hope. He had nothing to offer and the mike, with its horse-laugh, drove the realization home.

Brotherhood! Well-what has radio done for that? Much-much that is lasting. It has taught the German he is British, the Briton he is American. It has left us, so to speak, on each other's doorsteps. Baptist in the lap of Catholicism, Presbyterian on the same wave length with Jewry. It has wrapped a winding sheet around the corpse of sectional difference, and buried it squarely across every Mason and Dixon line we ever mapped—half on each side. It has broadcast our secret foibles to the world and deified our public prayers into a ritual. Radio ran its gay finger over our lines of demarcation and we were just letters of an alphabet, jumbled together.

Well, it's been a busy science or art, whichever you prefer. It has held up our great ones to the light so we could see the watermark. It has taken the obscure and thrust them on thrones. It has gone about life, turning this and that topsy-turvey, chuckling in its sleeve at our gaspings. It brought us gifts wrapped in promise, and voided our specious contracts with limitation. One can't turn a dial and not be universal. One can't beg for the petty panhandlings when the snap of a switch unleashes the world's cornucopia.

(Continued on Page 12)



MICROPHONE GOSSIP

Lew Miller and Pete Peterson are two boys who play piano duo programs over KYA and ABC Western Network stations billed as "Dealers in Old Ivory." Pete was Ruth Etting's accompanist in the East before he teamed with Miller.

* *

The name of Adele Rowland needs no introduction to the millions who for years enjoyed her work as a musical comedy star and as a vaudeville headliner.

Recently at KFI, Los Angeles, she was introduced to a new audience—the radio

audience.

Although she is a veteran of the stage, Miss Rowland was at first distinctly nervous. She soon recovered, however, and was at home in a few seconds.

In private life, Miss Rowland is Mrs. Conway Tearle, wife of the well-known moving

picture star.

"Big Brother Don," who handles the children's hour every afternoon over KFI, believes he has the youngest radio performer in captivity. He is Joe Hawkins, 2 years old—pink-faced, golden-curled, chubby-kneed.

Joe went on the air for the first time recently, declaiming the poem that tells about Humpty-Dumpty and the king's horses. His fan mail is already equal to that of many

veterans.

Sid Goodwin, KGW's chief announcer, gets all sorts of gifts—cakes, bottles of near beer, cigars, cigarettes, etc., but the latest one takes first prize. It is a share of stock, a present from WENR, Chicago. The official looking certificate got Sid all excited until he examined it carefully. It was Wild Hootenattie stock, "Very Common"—Resources, "Infinitesimal"—Dividends, "Maybe" and dated simply "yesterday."

The melodious voice of Del Milne, KGW's popular pianist, now floats gently up and down the Pacific Coast. Del is doing a little announcing—and he's good.

Jack Barnet of KGW has had "KGW" in big gold letters put on the windshield of his Hudson and hasn't been in jail since.

KGW studio snapshot: Mark Daniels unable to sing because he can't find the inevitable handkerchief to hold in his hand.

A few remarks made by Madame Berthe Baret before the KGO microphone gave the radio audience an insight into the delightful personality of this vivacious French violinist. Although Madame Baret's playing has always commanded a wide audience, her popularity seems to have increased at the General Electric station since dialers heard her charming French accent.

Few of those in distant parts who have heard Dorothy Dukes Dimm play the 'cello over KGO know that she is one of the most popular society girls in Central California.

In radio Miss Dimm finds an incentive to keep on with her music. The Rembrandt Trio, of which she is an associate artist, affords Miss Dimm ample outlet for the musical ability which musical critics and listeners say is undeniably hers.

Bert Horton has appeared in about 400 plays at KGO and a little over 350 plays for the NBC System on the Pacific Coast. Horton was cast in the first ether drama at KGO and has been a member of the KGO Players for the past six years. He has been with NBC for about one-third of that time.

Professor Herman Schnitzel fooled the two German members of Paul Whiteman's orchestra with his dialect.

Schnitzel was kidding with Richard V. Haller, head of the ABC chain in San Francisco while Whiteman's Old Gold Orchestra was in the KYA studios for a nation-wide broadcast.

The two Germans heard Schnitzel's rich

German dialect.

First one, then the other, went to him and in good German asked him where he was born.

Schnitzel neither understood nor answered. He then explained in English that he was born in San Francisco, sells real estate to keep the home fires burning, and does German dialect over the radio "for the fun of it."

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MARVEL AT THIS NEW SPARTON DEVELOPMENT



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Wholesale Distributors

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895 O'Farrell Street, San Francisco
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thrill for yourself. Call . . . HEAR

311 Tenth Street, Oakland Phone HOlliday 0300



AN ILLINOIS grocer has sued a noodle manufacturing concern alleging that they left the "p"s and "q"s out of a case of alphabet noodles which he innocently sold to his customers.

Aside from knowing his "p"s and "q"s he

might be called a man of letters.

Commissioner Whalen of New York has purchased the whole police department new hats.

He couldn't afford to have the bootleggers

better dressed.

A speeder who was arrested for running down a man in front of a hospital insisted that a hospital sign forbade him to honk his horn in a zone of silence and there was nothing he could do.

The court should have fined the pedestrian for playing a dirty trick on an honest motor-

ist.

Examining the new tariff bill, someone has discovered that we may import certain necessities of life free. They include: garlic, lifeboats, skeletons, altars, curling stones, leeches, zoo animals, turtles, licorice root, palm leaf fans, ice and spunk.

Downtrodden husbands will welcome that

last one.

Some of the prominent laboratory boys who are giving their lives to chasing up vitamins have discovered that onions possess about all the necessary ingredients of human existence.

The new slogan: "Reach for an onion in-

stead of a meat!"

A Chicago girl had a suitor arrested because he tried to force her to reveal the address of a successful rival. The suitor denied to the police that he intended to hurt the rival.

He just wanted to sell him the ring!

* * *

The new dry maxim: Shoot first and apologize to the widow; afterward!

An eastern millionaire has installed a pri-

vate bath in his airplane.

Now if he will dump his bathwater in the right place the desert can be made to bloom indeed.

British battleships are installing windshield wipers to keep the rain off the observation windows.

Now if the admiral will only stick out his hand when he turns a corner . . . !

* * *

Al Smith is to write his life for the Saturday evening Post.

Probably one of the "Short Turns and En-

cores!'

The famous actress Spinelli appeared at the Deauville races recently with her back stripped to the waist.

Many famous people have been stripped

even more at American race tracks.

Papa Browning, who intended to sell all his property and buy toys for poor children with the proceeds, thinks now there may be a better philanthropy in the world and has broadcast a call for ideas.

How about a new method of canning

Peaches?

Uncle Sam's new currency goes into circulation July 10. It is only slightly larger than cigar coupons.

It will still be easier to save the coupons,

however.

Two San Francisco jewelry concerns are at loggerheads in the courts, one of them alleging that the other has infringed a patent wedding ring.

One that stays on, perhaps.

A London scientist—Dr. James C. Mavor—is having a lot of fun mixing up sex cells with an X-ray. He recently so confused a sea urchin that it married its own father. The two seem quite content in their strange alliance.

There must be one of these X-ray machines working around here, judging by

some of the divorce complaints.

The state authorities are greatly agitated over the deadly citrus fly which they fear will invade California fruit growers.

No matter whether it does or not, we will still have orange drinks made from genuine oranges manufactured in a chemical labora-

tory.



Here's Why

PERRYMAN TUBES



BETTER because the tone is sweeter, the volume greater, the reception clearer.

Better because Perryman tubes are the result of extensive study and years of research.

Better because the Patented Perryman Bridge and Spring two features exclusive to Per-

District Representative
JAMES P. HERMANS
585 Mission Street
San Francisco, Calif.

ryman Tubes—insure greater clarity and longer life.

Every day more people demand Perryman Tubes. Sell them a complete set. Tell them about the Patented Bridge and Spring in Perryman's. Your own ears will convince you they are better.

Distributed by

Wholesale Radio Supply Co. 269 Seventh St., San Francisco, Calif.



(1) H



San Francisco, June 15, 1929.

Dear Public:

Tune in everybody, as this broadcast is a digest of Mrs. Remont's enlightening letter, appearing in this week's number of Broadcast Weekly, and is the very latest statistics on

radio audiences.

How many of you know that 95 per cent of the people that write to the stations are "morons"? Yes, indeed. Why, even you might be one 95 and not suspect it, and your dearest friends be in total ignorance of your deplorable condition. What an awful state of affairs. Can't something be done about it? We are so grateful to Mrs. Remont and her radio friend for calling our attention to this stupendous calamity.

How ignorant we have been. We have always designated ourselves as radio audiences, but we are all wrong; we are "the mob." Isn't that cute? Take that down in

shorthand and see how it sounds.

Somebody please let the Radio Commission know that part of the programs are vulgar and I think they will put a stop to it. We have enjoyed them, not knowing, of course, that they were vulgar. There again we show our ignorance, but thanks to this illustrious woman and her radio friend for this enlightenment.

Mr. Barry, God bless him, is about the only one that has not been censored. What, Oh what is to become of the "sentimental broadcaster?" Does Mrs. Remont wish him sent to Timbuctoo along with Sonny Boy or murdered at the same time the awful deed is committeed on the Glad Rag Doll?

Sincerely.

J. N. SAXTON.

Woodland, California, June 10, 1929. Gentlemen:

Just a few words to tell you how much I like your book, the Broadcast Weekly.

It not only gives us a life story about one of our favorites, jokes, and important information about different stations, but it also has pictures of the different radio artists that we would otherwise be unable to see if it were not for the Broadcast Weekly.

We all know that life is made up of joys and disappointments, so that whenever I find I have dialed to a certain station for a certain program that you have printed in your book, and I find that it isn't on the air at the time you have stated, I just call that one of the disappointments and laugh it off, because I know that it was not your fault.

According to my estimation your book is the best on the market. Sincerely,

DORA HOERNLEIN.

THE RADIO TATTLER

(Continued from Page 6)

Radio has made us think-of the other fellow. It has broken down the exclusiveness our little individual puddle-splashing. The world is full of "ke-zugs" and we hear other frogs diving. It makes us wonder if our own diving is to a purpose. Radio turns us in upon ourselves, spotlighting our inhibitions. It breeds opinions. It develops analysis. Today we like thus and so and we know why. Yesterday we liked thus and so-and pawed for the reason. We can't be fooled as easily today as yesterday. The bunco men are starving.

If today, tomorrow, next week-every station in the world shut down-every broadcast unit closed, for one week-a roar like Niagara would go up! Is it that we so value our amusement? Our entertainment? Our relaxation? Not us. We'd be amused, notwithstanding. But radio has become to us a pulse in the world's wrist. Radio in us-our inner selves, beating like a giant metronome to the rhythm of world cycles. Radio is a fine wire to which we cling in the giant ocean of the thing called Time. Through it we have a kinship with all that lives and breathes. If that wire has broken we'd be hellishly lonesome.

Nobody can define radio. It has grown from a seed, mushroomed upward and now overshadows a whole civilization. In it, as in a giant mirror, we see the things we are doing, reflected for all to see. Radio is psychic vision-that inner sight which makes every man's thoughts the property of every other man, and an integral part of world consciousness. Turn your dial if you will, to this or that—it is all part of everything. Radio is the ear of Mother Nature turned so that we, too, may listen. It is Pandora's box with the lid cast aside.

And so tonight, when you bring in radio from the airlanes-forget not that the harlequin which dances in cap and bells is, after all, your child. And be concerned about his future!



EVERYONE wants power in a radio set. To turn up the volume, and feel the full, deep surge of a big symphony broadcast, is one of the big thrills of radio. The disadvantages, however, have been that the speaker "overloaded" . . . sound was distorted . . . with power you couldn't get selectivity . . . but Temple has overcome these handicaps. Full-toned power in abundance . . . always with knife-edge selectivity. . . . Sensibly priced, too!

The New TEMPLE RADIO

DISTRIBUTED BY

JOHN G. RAPP CORPORATION

123 SECOND STREET

SAN FRANCISCO



By TERRY DAWES

GROWIN'

MAGAZINE ITEM: "Oakland recently played host to a number of distinguished visitors."

Bet they've got a new fire engine, too!

NEWS ITEM: "Herbert Hoover's favorite dish is a ham omelet."

"A pig and a cluck and roll 'em!"

"WHAT MAKES THAT CONTRALTO SEEM SO DEPRESSED ALL THE TIME?"

"MUST BE HER BLUE BLOOD."—
(J. K. L.)

CARD OF THANKS: "The beloved family of Mrs. Mary Waters wish to thank all the many friends for their good wishes in an hour of trouble."—(Mrs. K.)

PROVERBIAL

KASH—"Gosh, how that girl eats." HASH—"Yes, she must have a cold."

SOPRANO—"Can I sing in here?"

JANITOR—"Can't tell, m'um. I ain't
heard you yet."

OUTSIDE

HEADLINE: "MELLON FEELS THERE WILL BE A DEFICIT FOR YEAR."

HE HAS A CAR, TOO.

MR. WT.: We have inquired about the hot water poured on Valspar, as to where it ultimately goes, and find the floor is the place.—
(Editor.)

* * *

HELPS SOME

ADV:: "We pluck eyes at small cost and give other beauty aids."

LADY: "Is that futuristic furniture over there?"

CLERK: "No, ma'am. It just fell over."

"Can you loan me five dollars?"

"Sure. Would you rather have an old five or a new one?"

"A new one, of course."

"Well, here's the one. That leaves me four dollars ahead."—(Otto.)

Shell Out

Rudy Seiger didn't tell this one: "I know how to make a dollar go a long ways."

"How's that?"

"Buy gasoline for my car."

ARTIST—The string on my harp has broken.

ANNOUNCER—Well, my suspenders let go an hour back, but I'm not kicking about it.

Statistics

MORE THAN 3,000,000 PERSONS DIED INTESTATE DURING THE PAST TWO YEARS. THIS IS NOT INTENDED TO BE FUNNY. WE JUST HAPPENED TO THINK OF IT.

DAILY PEARL

Tho' the oyster's life seems very dull, And sense he has not any, He's got the bulge on you and me— For his holidays R many.

(Mary L.)

Headline in Montana paper:
"MICHIGAN COPS HURL TEA
BOMBS."

(Probably 4 o'clock.)

WHY NOT?

Howard Brubaker in the "New Yorker":

"Now that a radio television play has been broadcast successfully, we must find a shorter and uglier word for the thing. Perhaps a ravie; or a moodio."

OH, PAPA!

FLORIDA AD: "Guaranteed fresh eggs from our own henry."



Up... way up with RADIO'S LEADER!

Now It's Screen-Grid Radio

Once more Atwater Kent brings out a radio that makes the world stop to listen.

Atwater Kent Screen-Grid Radio is what people everywhere are seeing . . . hearing . . . buying. Once more radio merchants find it pays to play with the leader.

Spring sales broke records. A great summer is here. Increasing demand for Atwater Kent Screen-Grid Radio, backed by radio's greatest advertising campaign, gives retailers a source of profit that goes on and on.

ERNEST INGOLD, INC.

930 Van Ness Avenue

San Francisco



WALTER BEBAN—NBC SAXOPHONIST. He makes the instrument laugh, wail or "what have you?" Walter is a cousin of the late George Beban and has a reputation of his own a long way around the world, having directed the orchestra in the world's largest dance hall at Sydney, Australia. Besides playing in Max Dolin's orchestra, he is a leader and soloist. When Walter isn't playing, he boxes. He represented the U. S. Marine Corps contending for National Championship and boxed for the Olympic Club at San Francisco.



MAGNAVOX X-CORE DYNAMIC SPEAKER

Magnavox X-core is a new, exclusive principle of dynamic speaker construction. It assures, for the first time in any speaker...

freedom from hum, rattles and distortion at any volume.

Also, the X-core enables Magnavox to offer, for the first time in speaker history...

A LIFETIME GUARANTEE of original standard of performance

You will marvel at this new dynamic speaker. Used as built-in equipment in several makes of fine radio sets... also sold as a separate unit under the Magnavox name. Hear itl

THE MAGNAYOX COMPANY

CHICAGO, ILLINOIS . OAKLAND, CALIFORNIA





By MAX BEHR

THE Radio Corporation of America announces the forthcoming development of Bolinas and Marshall, the receiving and transmitting centers of their Pacific communications plant, into the nerve center of a vast radio communication system that will link the United States and all transpacific countries from Australia to Siberia. The announcement is made by G. Harold Porter manager of the Pacific division. Expansion of the present plants to accommodate twenty short-wave circuit systems which will be added to the present marine-ship transmitters and the famous long-wave high-powered equipment.

Soviet scientists are taking up in earnest the possibility of establishing a six-day week in place of the regular seven-day affair. The plan is to establish five working days and one of rest. This would turn the year into 61 weeks instead of 52 and give nine additional days of rest. All legal holidays would be eliminated under this plan with the exception of the revolutionary holidays of May 1 and November 7. It is planned to start the new arrangement January 1 of 1930. In Tomsk certain schools and organizations have already substituted Wednesday for Sunday as a day of rest.

Financial wires carry the information that the Pan-American Airways system plans the expenditure of \$1,000,000 in the establishment of 72 air-radio stations for plane and airport communication work. The stations will be located in practically every country south of the Rio Grande and Florida. Every plane will be fully equipped, both for communication and for picking up broadcast programs while in flight. The ground stations will be so located that the pilot of any one plane will be in touch with at least two of them at all times.

The Transcontinental Air Transport Corporation, also, which begins transcontinental train-plane service in July with coast-to-coast network of radio stations as control points for its planes. Special radio apparatus will be installed in these planes to pick up, automatically, messages intended for various pilots. This service is independent of the Boeing Air Lines, whose radio units are already in operation east and west as well as along the Pacific Coast.

Arthur Gould, a Rhode Island farmer, anticipating that airplane travel will shortly be as common as automobile transportation, has established the first airplane service station in the country. He has turned his 27-acre farm into a station, with hangars and gas tanks. A 400-foot arrow in another field points the way for aviators. He has a weather indicator, a wood-turning lathe, a forge, and plenty of tools. The flier may drop down and get an overhauling any time.

Edward F. Renwick and W. H. Holland joins W. E. and W. H. Jackson, Inc., San Francisco, in the sales department, and will cover the Sacramento and San Joaquin, featuring the Apex line of radios manufactured by the U. S. Radio and Television Corporation, and distributed in northern California by the Jacksons through their San Francisco and Oakland stores.

In the battle against the Mediterranean fly, deadly fruit pest, six new quarantine stations have been established in California. The stations have been located at Crescent City, Hornbrook, Dorris, New Pine Creek, Cedarville and in Siskiyuo County, near Marlin, Ore. More than 1,900,000 acres are to be kept under patrol, eleven new inspectors having been appointed for the work. These additions are because of the fact that it is felt that the California fruit crop is somewhat in jeopardy from the pest, which has quarantined Florida grapefruit out of this state for years.

Out of the radio field has come another development this time to aid the power companies. Radio engineers discovered that hollow wires or tubes were best for high currents because of the fact that little line leakage accompanied their use. The bureau of standards at Washington has been studying this phenomena for some time, and as a result the hollow wires are now being applied to the long-distance transmission of electrical currents of high voltage, curtailing losses that in the past have been enormous. The hollow wires eliminate the weight and cost of solid wires as well as electrical loss. The wires are braided around a metal core which gives high strength and low long-distance loss.

Gives Your Set More Pep

Improves Daylight Reception

Increases Selectivity

Needs No Tube, Draws No Power



A New and Improved Station Isolator

Designed by E. M. Sargent

A Universal Model

Works with Any Set

Price **\$10.00**

Sold on 5-Day, Money-Back Trial

Stop Overlapping of Locals

No matter what kind of radio set you have, a Station Isolator will improve it. If you have an Isolator you do not have to wait until late in the evening when all the locals are off, in order to hear distant stations. You can CUT RIGHT THROUGH the locals and hear up and down the Coast and further, at any time in the evening. The Station Isolator absolutely prevents overlapping of local stations. No matter how close you may be to the broadcast stations, you can hear your favorite station clearly, and without interference.

Reception is quieter with the Isolator. It increases the efficiency of the receiver and consequently the volume control can be turned lower, easing some of the strain on the tubes and usually improving the tone quality.

Increase Your Daylight Range

If you are in the outlying districts, away from the immediate vicinity of the broadcasting stations, you can count on a substantial increase in your daytime receiving range when you add a Station Isolator to your radio. Good, strong daytime signals can be had on stations that are now too weak to enjoy in the daytime.

Dealers--Write for Details

One Model Works With All Sets

The Station Isolator will work with any standard receiving set. Full directions accompany it. It is so simple that anyone can install it in five minutes. It does not use a tube, and draws no power,—it connects between the antenna, ground, and the receiver,—and what a difference it makes!

Brings In Those Weak Stations

The Station Isolator tremendously increases the efficiency of the receiver and as a result, brings the distant stations hundreds of miles closer. It brings the weak ones up to loud speaker volume and brings in some more weak ones from still further away that cannot be heard at all without it.

Absolutely Guaranteed

Use This Coupon

RADIO CONSTRUCTORS CORPORATION, 357 Twelfth Street, Oakland, Calif.

Enclosed find \$10.00 for which please send me one of your new universal model Sargent Station Isolators on five day, money-back trial basis as advertised in Broadcast Weekly. I have

a	receiver, model No.
Name	
Address	
City and State	



THE musical world is looking forward—nore la Mance, a young American singer who has been winning fame at the opera in Cairo, Egypt. This seems a peculiar place for a singer to win fame unless one has been in Cairo during opera season and seen the immense interest taken in such events. Miss La Mance appeared in "Aida," "Das Reingold" and rocked the musical colony to its foundations. She is scheduled to return to New York later this year.

The Curtis Institute of Music, whose wholly worth while programs are heard occasionally via KYA in this area, are performing a valuable work in colleges toward the stimulation of musical interest. They have undertaken a series of concerts before leading educational institutions near Philadelphia under direction of Josef Hofmann to promote an appreciation of good music. No charge is made for the concerts, which are given by the finest artists of the Curtis organization. Bryn Mawr, Peddie School, George School and nearly a dozen others are the beneficiaries. Among those who are appearing are Lois Putlitz, St. Louis symphony concertist and violinist, and guest artist with the Los Angeles Symphony Orchestra; Lucie Stern, pianist, European recitalist; Helen Jepson, soprano of the Philadelphia Civic Opera Company; Conrad Thibault, tenor of Philadelphia Grand Opera Company, and a number of others.

The first Anglo-American conference of school music supervisors will be held in Switzerland during the summer for an interchange of ideas. Walter Damrosch and Sir Henry Hadow will preside. The conference will meet in August.

The statistician has been busy again, this time with the piano. He or she has discovered that more than 150,000 teachers in the United States make their living through the piano. It may be safely said that the piano is the most important instrument in the musical world. Conversely there are, perhaps, fewer good pianists than players of other instruments and this may be due to the fact that a piano is comparatively easy to play and most difficult to play well. Any one evening with a radio set, piloting the air, will confirm this.

The march of Bohemian clubs still continues. New York's famous aggregation has long been a home of sponsors for musical development. On the West Coast our own Bohemian Club has stepped to the forefront of musical development with its annual plays in Bohemian Grove and its whole-hearted patronage of moments musicale. Chicago, not to be outdone East and West, now has its own Bohemian Club, and its introduction to musical interest brought no less than Rudolph Ganz, pianist; Remo Bolognini, violinist, and the Felber string quartet to its formal inauguration. The purposes of the organization are to foster the coöperative spirit among musicians, and the development of chamber music presentations.

Deems Taylor, commissioned by the New York Metropolitan Opera Company to write an opera, tackled the job with unbounded enthusiasm, dwindled in effort and finally laid the work aside with the remark that he was "stuck with too much thought." Later he explained this by saying that opera was a thing of emotion and that too much thought clogged its purposes and renditions. We agree with Deems Taylor heartily, for there is hardly a successful opera in which the thinking process appears to have been used at all. Murder, suicide, infidelity—all qualities of emotion, are its preëminent characteristics. A touch of human intelligence, and the plot would vanish, which recalls the famous remark of a famous singer: "Why have a plot?"

The overwhelming success of the German Grand Opera Company in Philadelphia, Chicago, Pittsburgh and Cleveland, lays emphasis on the efforts which are being made to effect an interchange of opera companies between Europe and this country, on a basis similar to the interchange of conductors. The expense attached, however, to the operatic interchange has previously made this a difficult matter to accomplish. Under the sponsorship of musical enthusiastics who see great benefits to be accomplished by such a program definite arrangements to this end are now being made and we may see, this year, a number of foreign countries brought here in toto from their own land to give us the best in European productions. The educational value along comparative lines alone would warrant the cost.

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features of the 1929 Pacific Radio Show which will be held in the San Francisco Civic Auditorium from August 17 to 24.

Window strips announcing broadcast features are being sent to all radio retailers in the bay area weekly by the Pacific Radio Trade Association with the cooperation of the Radio Retailers' Association.

Selling by radio was the subject discussed at two afternoon departmental sessions during the recent convention of the Pacific Advertising Clubs Association, held in Oakland from 16 to 20. Howard Milholland, manager of KGO, acted as chairman. Many prominent radio and advertising men participated.

The city of Sacramento has just adopted an ordinance controlling radio interference, with the provisions made for an investigator to be paid from a fund derived from a tax of \$100 per year levied on all firms and individuals engaged in the sale or servicing of radio apparatus. The Sacramento Music and Radio Trades Association, headed by John Zak and J. Hobrecht, is responsible for the measure.

Grover Anderson, manager of the Electric Corporation, with offices at 145 Ninth Street, announces that they have taken on the distribution of the Silver radio set, manufactured by the Silver-Marshall Company.

The Coast Radio Supply Company, 648 Howard Street, San Francisco radio distributors, have now taken on the Erla radio.

The United Radio Supplies Company announce that they have taken over the distribution of Fada radio for Northern Cali-

What bids fair to be the largest order to date for the new A. C. screen-grid tubes was recently split by Silver-Marshall, Inc., between the Radio Corporation of America and E. T. Cunningham, Inc. Nearly 250,000 tubes of UY224 and C324 types alone have been released by Silver-Marshall for specified delivery in the next few months.

McMurdo Silver's comments upon these tube orders are interesting: "We have or-

Demonstration rooms will be one of the dered only a sufficient quantity of screen-features of the 1929 Pacific Radio Show grid A. C. tubes to supply Silver radio distributors with tubes for their minimum delivery commitments now on order at our plant. In ordering these tubes, we have sought to definitely insure delivery of only a portion of our distributors' requirements of screen-grid tubes for Silver radio, and are depending upon them to place their own orders for all except the minimum, which we have now arranged to furnish, or, if possible, to hold as a reserve stock against possible shortage later in the season.

> Work on the new unit for the Jensen Radio Manufacturing Company plant for which ground was broken the middle of last month is progressing at a rapid rate, and, according to Peter L. Jensen, president of the company, installation of machinery and equipment will start during the present week.

> This new unit doubles the manufacturing capacity of the Chicago plant of the company. The first unit into which the company moved, this spring was considered by Jensen officials to be of sufficient size to provide ample manufacturing space for the 1929 and 1930 season. The introduction of a new Jensen Concert Dynamic resulted in a volume of business being placed with the com-pany which made it imperative to immediately expand the manufacturing capacity.

> According to Thomas A. White, general sales manager of the company, contracts have been signed with sixteen of the leading radio set manufacturers to supply them with their electro-dynamic speaker requirements for the coming season. Among these are numbered several of the largest producers in the country. The company, according to Mr. White, is also obtaining a large volume of business from the automatic phonograph manufacturers and builders of apparatus for talking movie pictures.

> Practically all departments in the Jensen plant are operating on a twenty-four hour basis to keep up with shipping schedules called for on manufacturers' contracts and orders being received from the distributing trade.

> Mr. White also announced today the opening of a new office in New York City to serve the metropolitan area. This office is located at 1650 Broadway and is in charge of James A. Kennedy, Eastern sales manager for the company.



Wholesale Distributors: LISTENWALTER & GOUGH, Inc. 325 Fifth Street, San Francisco ~ 819 E First Street, Los Angeles

SAN FRANCISCO RADIO **SHOW**

BAY region radio dealers returning from the convention and trade exhibit of the Radio Manufacturers' Association at Chicago are providing advance indications of the character and scope of the forthcoming Pacific Radio Show.

The show will be held at the Civic Auditorium August 17 to 24 and will be the first public exposition in America of the various things in radio that were viewed by the dealers on their Chicago visit. The returning dealers emphasized that virtually all of the newest developments viewed by them are embodied in sets already on the market.

They joined in predicting that the Radio Show will nevertheless prove one of the most attractive ever held from the standpoint of the public, with its opportunity for intimately comparing the finer points of distinction.

One of the most striking impressions of the Chicago visit, according to dealers, was the fact that television was conspicuous by its absence. While the belief prevailed that television is an ultimate possibility it was admitted that a vast amount of work remains to be done before this becomes a commercial factor.

It is expected that the first television apparatus to appear on the market will be designed for the experimenter and that the first commercial broadcasting of television will be from talking picture films.

The dealers found at the Chicago exhibit that the console type with built-in speaker continues to hold a prominent place, with a tendency toward the use of a much larger

cone.

Among the noticeable features was the exhibiting of a number of standard sets employing two or more screen-grid tubes, one or two 227 type tubes, and 245's in push-pull in the last stage of audio.

Furniture tendencies were found to be toward smaller consoles at lower prices. Walnut in two-toned paneling continues to be the popular wood. Complete shieldings and solid metal construction of chassis prevailed, with aluminum and steel as the metals most generally used.

Among the more expensive sets, several were shown with both remote and selective control systems. Improved types of dynamics seemingly dominated the speaker field.

The show committee of the Pacific Radio Trade Association, conducting the Pacific Radio Show, has announced that practically all of the exhibit space has already been taken, assuring that the show will again be completely representative of the industry.



'HIS is the way to get rid of that man-made "static" from motors, street cars, telephones, electrical appliances, etc. Plug in a Falck Claroceptor between your receiving set and the wall socket; it will block out those line interference noises and radio frequency disturbances. Also helps selectivity and distance amazingly! Thousands all over America are praising this splendid improvement. An absolute necessity to clear reception in some locations.

The Falck Claroceptor requires no changes in your set. Measures just $3\frac{1}{2} \times 5\frac{1}{2} \times 2\frac{1}{2}$ inches. Tested, proved. Get one right away—only equipment of its kind. At radio parts dealers, or write to factory for new descriptive folder, FREE.



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Made of Hand Stained Mission Leather, Moire lined. Open at top and on the right side. Designed for vest pocket or handbag. Will wear for years. Would cost about \$2 if bought.

You can extend your present subscription and get this Card Case free

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•	BROADCAST WEEKLY,						
,	726 Pacific Bldg., San Francisco, Calif.						
•	Gentlemen: Here's my Three Dollars for which you may send me BROADCAST WEEKLY for one year and the Leather Card Case.						
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SUNDAY Programs ·

June 30, 1929



Rev. Edgar A. Lowther KGO-8 p.m.



Alfred Gandolfi NBC-5:15 p.m.



Robert Olsen KFRC-7:30 p.m.



Sydney Dixon ABC-2:30 p.m.

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

11 to 12:15 p.m.-First Methodist Episcopal Church service, Oakland; Rev. Edgar A.

Lowther, D. D., pastor 12:15 to 1:30 p.m.—National Sunday Forum, NBC 1:30 to 2:30 p.m.—Sunday afternoon concert, NBC

2:30 to 3 p.m.-Whittall Anglo-Persians, NBC

to 4 p.m.—Afternoon concert, NBC 4 to 4:30 p.m.—Retold Tales, NBC 4:30 to 5:15 p.m.—"What's Happening in the World," John D. Barry

World," John D. Barry
5:15 to 5:45 p.m.—Atwater Kent program, NBC
5:45 to 6:15 p.m.—Hudson Bay Fur program
6:15 to 6:45 p.m.—Studebaker Champions, NBC
6:45 to 7:45 p.m.—Stanislas Bem's Little Symphony, Hotel Whitcomb, San Francisco
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 9 p.m.—First Methodist Episcopal Church service, Oakland; Rev. Edgar Allen Lowther, D. D. Passtor.

D.D., pastor 9 to 9:30 p.m.—"The Readers' Guide," Joseph Henry Jackson

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

10 a.m.—International Bible Students' Ass'n 11 a.m.-Madelin Dvorak and Dorothea

duets
11:15 a.m.—Plymouth Congregational Church
12:15 p.m.—Sunday Forum, NBC
1:30 p.m.—Sunday concert, NBC
2:30 p.m.—Whittall Anglo-Persians, NBC
3 p.m.—Sunday concert, NBC
4 to 4:30 p.m.—Retold Tales, NBC
4:30 p.m.—Orchestra with Madelin Dvorak and

4:30 p.m.—Orchestra with Madelin Dvorak and Dorothea Wei, duets
5:15 p.m.—Atwater Kent Artists, NBC
5:45 p.m.—Rapid Transit, NBC
6:15 p.m.—Studebaker Champions, NBC
6:45 p.m.—Orchestra with Aurelio Sciacqua, tenor, and Dorothea Wei, contralto
7:45 p.m.—Enna Jettick Melodies, NBC
8 p.m.—First Church of Christ, Scientist
9 to 11 p.m.—Orchestra; Dorothea Wei and Aurelio Sciacqua

440.9 Meters Channel 68 KPO 5000 Watts 680 Kcvs.

Hale Bros. & The Chronicle, San Francisco 9:45 to 10:45 a.m.-Interdenominational and non-

sectarian church services; Dr. H. H. Guy, of Christian Church, Berkeley 10:45 a.m.—Bank of America of California

12 to 1:30 p.m.—National Sunday Forum, NBC
1:30 to 2:30 p.m.—Afternoon concert, NBC
2:30 to 3 p.m.—Whittall Anglo Persians, NBC
3 to 4 p.m.—Sunday afternoon concert, NBC
4 to 4:30 p.m.—Retold Tales, NBC
4:30 to 5:15 p.m.—Retold Tales, NBC
4:30 to 5:15 p.m.—KPO Salon Orchestra
5:15 to 5:45 p.m.—Atwater Kent program, NBC
6:15 to 6:15 p.m.—Rapid Transit program, NBC
6:15 to 6:45 p.m.—Studebaker program, NBC
6:15 to 6:50 p.m.—Baseball scores
6:50 to 7:45 p.m.—Evening musicale by Uda
Waldrop, with Elsa Trautner, soprano
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 8:30 p.m.—North American Bldg. & Loan
Assn. 12 to 1:30 p.m.-National Sunday Forum, NBC

Assn. 8:30 to 9 p.m.-Rudy Seiger and his Fairmont

Hotel Concert Orchestra

9 to 10 p.m.-Abas String Quartet, with Allan Wilson, tenor

10 to 10:05 p.m.-Kozak Radiogram

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

10 to 11 a.m.-International Bible Students 11 to 12:30 p.m.—Hinson Memorial Baptist

Church

Church
1:30 to 2:30 p.m.—Afternoon concert, NBC
2:30 to 3 p.m.—Whittail Anglo Persians, NBC
3 to 4 p.m.—Sunday concert, NBC
4 to 4:30 p.m.—Retold Tales, NBC
4:30 to 5 p.m.—Studio program
5 to 5:15 p.m.—Talk on Modern Science
5:15 to 5:45 p.m.—Atwater Kent Hour, NBC
5:45 to 6:15 p.m.—Rapid transit program, NBC
6:15 to 6:45 p.m.—Studebaker program, NBC
6:15 to 6:45 p.m.—Vesper Hour
7:45 to 8 p.m.—Enna Jettick Melodies, NBC
8 to 8:30 p.m.—Hupmobile program
8:30 to 9:30 p.m.—Twilight Hour
9:30 to 10 p.m.—Studio program
10 to 11 p.m.—Little Symphony Orchestra

NBC

10 to 11 p.m.-Little Symphony Orchestra

SUNDAY Programs

NRC

National Broadcasting Company

12 to 1:30 p.m.—National Sunday Forum. "A Tale of Two Cities" is the title given by Dr. Ralph W. Sockman, eminent New York

clergyman, to his address for the National Sunday Forum which will be broadcast today. Dr. Sockman also will answer a group of questions which come each week from the

radio congregation.

Hart Giddings, organist, and the Oratoric Choristers under George Dilworth's direction will interpret religious compositions of note and fineness.

KHQ and KPO will broadcast the entire service and KOMO and KGO will present it beginning at 12:15 p.m.

1:30 to 2:30 and 3 to 4 p.m.—Sunday Afternoon

Concert

Gems from a musical treasure chest will be Gems from a musical treasure chest will be presented by Noah Steinberg, pianist, and the National Concert Orchestra under the baton of Charles Hart when the Sunday afternoon concert is broadcast through KHQ (1:30 to 2:30 p.m.), KFI (2 to 2:30 and 3 to 4 p.m.), and KOMO, KGW, KGO and KPO for the entire two hours.

entire two nours. 2:30 to 3 p.m.—Whittall Anglo-Persians Mysteries of solitary sands at twilight will be pictured in the music of Beghon's "Noc-turne au Desert" as the Whittall Anglo-Per-sians answer the "Call of the Desert" this afternoon.

Louis Katzman, leader of the Whittall Anglo-Persians, made a salon arrangement of the new popular "Was It a Dream" and composed "The Whittall Airplane Patrol," both of which will be played during the program.

Broadcast through KHQ, KOMO, KGW,

Broadcast through KHQ, KOMO, KGW, KGO. KPO and KFI.
4 to 4:30 p.m.—Retold Tales
Another of the popular O. Henry stories,
"A Lickpenny Lover," will be dramatized.
"A Lickpenny Lover" is the story of
Maizie, a shop girl, with whom a millionaire
falls in love. Despite the difference in their
social positions and background, he asks her to marry him and promises her a honeymoon in a city "where the streets are water." Maizie's misinterpretation of the whole affair forms the basis of the plot.

through KHQ, KOMO, KGW, Broadcast

Baritone solos-

a. Love Me or Not. Secchi
b. Il Gitano Re (The Gypsy King) Gandolfi
Orchestra—Menuet Paderewski
Orchestra—La Partida (The Farewell) Alvarez-Pasternack

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
5:45 to 6:15 p.m.—Rapid Transit
In a series of brief and varied dramatic

sketches familiar types of people who are encountered in every large city will be brought before the microphone. The playlets are separated by interludes of popular music, offered by Enrique Madriguera and a dance band.

Broadcast through KHQ, KOMO and KGO.
6:15 to 6:45 p.m.—Studebaker Champions

With their always colorful group of popular airs, the Studebaker Champions will be on the air again tonight between 6:15 and 6:45 o'clock

the air again tonight between 6:15 and 6:45 o'clock.

"Anything Your Heart Desires" will be the opening number played by the 26-piece orchestra under Jean Goldkette's baton. "A Garden in the Rain," with vocal chorus, will follow, introducing again Fred Waldner, tenor. Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

"45 to 8 p.m.—"Enna Jettick Melodies"
Lavalle's "O, Canada," interpreted by the mixed quartet and ensemble, opens the program of old-fashioned airs, while the hymnal for the day is "One Sweetly Solemn Thought."

"Spanish Cavalier," a brilliant number of Hendrickson's, is one of the bright spots of the program.

the program.

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

ABC

American Broadcasting Company

A—KJR, KEX, KGA, KYA, KDYL, KLZ B—KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ C—KJR, KEX, KGA, KYA, KMTR D—KJR, KEX, KGA E—KJR, KEX, KGA, KDYL, KLZ

10 to 10:30 a.m.-Sacred Prelude, mixed quartet,

Hallie Staude, soloist—E 10:30 to 11 a.m.—American

VeOna Socolofsky, soloist—E

11 to 12 noon—All Artists' Sextet, directed by
William Coburn—B

12 to 12:20 p.m.

William Coburn—B
12 to 12:30 p.m.—Song recital, Gordon Onstad and Agatha Turley—E
12:30 to 1:30 p.m.—Vic Meyers' Orchestra—E
(KYA at 1:15)
1:30 to 2 p.m.—Pamela sketch—B
2 to 2:30 p.m.—Enchanters Male Quartet—B
2:30 to 3 p.m.—American Salon Orchestra, F.
Longo, director; Sydney Dixon, soloist—B
3:30 to 4:30 p.m.—Cathedral Hour—B
3:30 to 4:30 p.m.—American Military Band—D
4:30 to 5 p.m.—Sonatron Tube Program, CBS from N. Y.—B
5 to 6 p.m.—Majestic Theatre of the Air, Wendell Hall with Arnold Johnson's Orchestra—B plus KFRC

plus KFRC

plus KFRC
6 to 6:30 p.m.—DeForest Audions with Arthur Pryor's Band, CBS from N. Y.—B
6:30 to 7 p.m.—Lyric Hour—D
7 to 7:30 p.m.—Musical Melange; Agatha Turley, sololst—C
7:30 to 8 p.m.—Harper's Corners, sketch—B
8 to 8:30 p.m.—Piano recital, Berthe Poncy and Myron Jacobson—E
8:30 to 9 p.m.—Vic Meyers' orchestra—D
8:30 to 9 p.m.—Vic Meyers' orchestra—Liborius Hauptmann, director; Elbert Bellows, soloist—B (KYA at 9)
10 to 11 p.m.—Georgie Stoll's Rhythm Aces—B

10 to 11 p.m.-Georgie Stoll's Rhythm Aces-B

340.7 Meters Channel 88 880 Kcys. 500 Watts

Tribune Publishing Co., Oakland, Calif.

1:30 to 5 p.m.-Baseball broadcast, Oakland at Portland

5 to 6 p.m.—Organ recital by Chas. T. Besserer at Scottish Rite organ

SUNDAY Programs

491.5 Meters KFRC Channel 61 1000 Watts 610 Kcvs.

Don Lee, Inc., San Francisco, Calif.

Don Lee, Inc., San Francisco, Calif.

9 to 12 noon—Home Sweet Home concert
12 to 1:15 p.m.—Sherman-Clay noonday concert
1:15 to 2:15 p.m.—Walter Krausgrill and his
Balconades Orchestra: Bob and his Zither
2:15 to 3:15 p.m.—Recordings
3:15 to 4 p.m.—Art Fadden
4 to 5 p.m.—Majestic Theater of the Air
6 to 6:30 p.m.—Talk by Dr. Louis I. Newman
6:30 to 7:30 p.m.—Theodore Strong, organist;
Lucille Atherton Harger, contralto, and Marjorie Coletti, pianist, with 'cello and harp
7:30 to 8 p.m.—Robert Olsen, song recital, and
Florentine Quartet

Florentine Quartet

Fiorentine Quartet

8 to 8:30 p.m.—Novelty Six with L. Hawks,
guitar; Harold Dana and Mary Pasmore

8:30 to 9:30 p.m.—Charles Bulotti, tenor; Juanita Tennyson, soprano, and KFRC Concert
Orchestra, directed by Frank Moss
9:30 to 10 p.m.—Tom Gerunovich and his Roof
Garden Orchestra
10 to 10:10 p.m.—Amos 'n' Andy

10 to 10:10 p.m.—Amos 'n' Andy 10:10 to 11:10 p.m.—Tom Gerunovich and his Roof Garden Orchestra 11:10 to 12:10 a. m.—New Mandarin cabaret band

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

9:45 to 11 a.m.—The Watch Tower program: Organ prelude; children's radio story; discourse, "Reward of Obedience"; special mu-

course, "Reward of Obedience"; special indisidal selections
11 to 12 noon—The Aeolian Trio
1 to 1:25 p.m.—Bible questions and answers,
C. R. Little
1:25 to 2:30 p.m.—Vocal selections by Lillian
Peletier and F. E. Genske; B. D. Van Winkle,
instrumental baritone; selections by the Choral Singers

Choral Singers 2 to 2:30 p.m.—Discourse, "Reconciliation" 6 to 7:45 p.m.—Congregational singing; Bible trialogue, "The Judgment Day"; Bible discuture, "Joy in the Morning"; Bible dislogue, "The Golden Age"; vocal and instrumental selections

9:15 to 10:15 p.m.—Special Italian musical program with discourse in Italian language

361.2 Meters KOA 830 Kcvs.

Channel 83 12,500 Watts

General Electric Co., Denver, Colorado

8:30 to 9 am..—Mexican Tipica Orch., NBC 9:50 a.m.—First Church of Christ, Scientist 12 to 1:30 p.m.—National Sunday Forum, NBC 1:30 to 2 p.m.—Twilight Singers, NBC 2 to 2:30 p.m.—Face to Face with Our Presidents dents, NBC

dents, NBC
2:30 to 3 p.m.—Whittall Anglo Persians, NBC
3:to 3:30 p.m.—Vocal and instrumental soloists
4 to 4:15 p.m.—Enna Jettick Melodies, NBC
3:30 to 4 n.m.—The Nomads. NBC
4:15 to 5:15 p.m.—Liebestraum, NBC
5:15 to 5:45 p.m.—Atwater Kent Hour, NBC
5:45 to 6:15 p.m.—Rapid Transit, NBC
6:15 to 6:45 p.m.—Studebaker Champions, NBC
7:15 to 7:30 p.m.—Sam Herman, xylophonist, NBC NBC

7:30 to 8 p.m.—Russian Cathedral choir, NBC 8 to 8:15 p.m.—News of the world

KYA 243.8 Meters 1230 Kcys.

Channel 123 1000 Watts

Channel 90

Pacific Broadcasting Corp., San Francisco

9 to 10 a.m.-Beverly Hills Trio

9 to 10 a.m.—Beverly Hills Trio
10 to 11 a.m.—Examiner Funny Hour
11 to 12 noon—All Artists' Sextet
12 to 1:15 p.m.—Old St. Mary's Church
1:15 to 1:30 p.m.—Vic Meyers' orchestra, ABC
1:30 to 2 p.m.—Pursuits of Pamela, comedy
sketch, ABC
2 to 2:30 p.m.—Enchanters' Male Quartet, ABC
2:30 to 3 p.m.—American Salon Orch., ABC
3 to 3:30 p.m.—Cathedral Hour, ABC
3:30 to 4:30 p.m.—Rhythm Aces, Georgie Stoll,
with Tom Smith
4:30 to 5 p.m.—Sonatron Tube program, CBS
5 to 6 p.m.—Majestic Theater of the Air, CBS
6 to 6:30 p.m.—De Forest Audions, CBS
6:30 to 7 p.m.—Berger's program
7 to 7:30 p.m.—Musical Melange, ABC
7:30 to 8 p.m.—Harper's Corners, ABC
8 to 9 p.m.—Old St. Mary's Church
9 to 10 p.m.—Pacific Salon Orchestra, ABC
10 to 11 p.m.—Georgie Stoll's Rhythm Aces, ABC

Channel 105 285.5 Meters KNX 5000 Watts 1050 Kcys.

L. A. Evening Express, Los Angeles, Calif.

L. A. Evening Express, Los Angeles, Calit. 9 to 11 a.m.—Musical 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' Ass'n
2 to 4 p.m.—City Park musical program
4 to 4:30 p.m.—Roberts' Golden State Band
4:30 to 5:30 p.m.—Radio Church of the Air
5:30 to 6 p.m.—All Souls' Church
6 to 6:30 p.m.—Talk by Ernest Holmes
6:30 to 7 p.m.—Dr. Theodore Curtis Abel
7 to 8 p.m.—Atwater Kent courtesy program
from the Orange Show at Anahelm
8 to 9 p.m.—First Presbyterian Church of Hollywood

lywood

to 10:30 p.m.—Calmon Luboviski, violinist; Claire Mellonino, pianist; Walter V. Ferner, 'cellist

KHJ 1000 Watts 900 Kcys. Don Lee, Inc., Los Angeles, California

8 to 9 a.m.—Late recordings 9 to 11 a.m.—Program from KFRC 11 to 12:30 p.m.—First M. E. Church servi 12:30 to 1:15 p.m.—Recordings 1:15 to 2 p.m.—Chain program from KFRC 2 to 3 p.m.—Verdugo Woodlands program E. Church services

3 to 5 p.m.—Late recordings 5 to 6 p.m.—Tea Time Three from KFRC

333.1 Meters

5 to 6 to 6:45 p.m.—Recordings
6:45 to 7 p.m.—World wide news
7 to 8 p.m.—First M. E. Church
8 to 11 p.m.—Chain program from KFRC
11 to 1 a.m.—Wesley Tourtellotte, organist, the

Harmonaders and Howard Griffin, violinist

Channel 113 265.3 Meters KSL 5000 Watts 1130 Kcys. Radio Service Corp., Salt Lake City, Utah

4 p.m.-Popular KSL artists 4 n.m.—Popular KSL artists
4:30 p.m.—Special organ concert by Edward P.
Kimball, Tabernacle organist
5:15 p.m.—Atwater-Kent Hour, NBC
5:45 p.m.—"Rapid Transit," NBC
6:15 p.m.—Standard Trio and soprano
7:15 p.m.—Historical talk

9 p.m.—Criterion Male Quartet and the Melody

10:30 p.m .- "Amos 'n' Andy"

SUNDAY Programs

468.5 Meters 640 Kcys.

KFI

Channel 64 5000 Watts

Copyright, 1929, E. C. Anthony, Inc., L. A. 10 a.m.—L. A. Church Federation program 2 p.m.—Musical program, NBC 2:30 p.m.—Whittall Anglo Persians, NBC

3 p.m.—Musical program, NBC 4:30 p.m.—Leila Castberg, "Advanced Thought" 5 p.m.—Genevieve Behrend, "Science of Life" 5:15 p.m.—Atwater Ken' program, NBC 5:45 p.m.—Studio program 6:15 p.m.—Studio program 6:15 p.m.—Studio program

7:45 p.m.—Enna Jettick Melodies, NBC 8 p.m.—Packard Concert Orch., Pryor Moore, dir. 9 p.m.—Manley P. Hall. Philosophy 9:30 p.m.—Studio program
10 p.m.—Packard Concert Orchestra

239.9 Meters Channel 125 KFOX 1000 Watts 1250 Kcvs. Nichols & Warinner, Long Beach, Calif.

9 to 10 a.m.—Orchestra and light opera (records 10 to 11 a.m.—Organ recital, Roy L. Medcalfe 11 to 12:30 p.m.—St. Luke's Episcopal Church 12:30 to 1 p.m.—Musical program 1 to 2 p.m.—Breakers Hotel Orchestra 2 to 3 p.m.—Duo Art recordings 3 to 4 p.m.—Long Reach Municipal Band 4 to 5 p.m.—Records 5 to 6 p.m.—Golden State Ensemble 6 to 7 p.m.—Records; Imperial Trio 7 to 7:30 p.m.—Ambassador Concert Orchestra 7:30 to 8 p.m.—Breakers Trio 8 to 9 p.m.—First Church of Christ, Scientist 9 to 11 p.m.—"All Star Nite" 11 to 3 a.m.—Dorado Club, Four Red Coats 9 to 10 a.m.-Orchestra and light opera (records)

508.2 Meters 590 Kcvs.

Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane. Washington 10 to 11 a.m.—Children's Bible class
11 to 12 noon—Central M. E. Church
12 to 1:30 p.m.—National Sunday Forum, NBC
1:30 to 2:30 p.m.—Sunday afternoon concert NBČ

2:30 to 3 n.m - Whittall Angle Persians, NBC

2:30 to 3 n.m —Whittall Angle Persians, NBC 3 to 4 p.m.—Triodian String Ensemble 4 to 4:30 p.m.—Retold Tales, NBC 4:30 to 5:15 p.m.—Triodian String Ensemble 5:15 to 5:45 p.m.—Atwater Kent, NBC 5:45 to 6:15 p.m.—Rapid Transit, NBC 6:15 to 6:45 p.m.—Studebaker Champions, NBC 6:45 to 7:45 p.m.—Studebaker Champions, NBC 6:45 to 8 p.m.—Enna Jettick Melodies, NBC 8 to 9 p.m.—All Saints' Cathedral 9 to 10 n.m.—City Service Little Symphony

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

232.6 Meters Channel 129 KDYL 1000 Watts Intermountain Broad. Corp., Salt Lake City

4:30 p.m.—Famous Broadway stars, CBS 5 p.m.—Majestic Theatre of the Air with Wen-

p.m.-De Forest Audions, CBS

7 p.m.—Johnna Lee Instrumental Ensemble
7 p.m.—Johnnie Rosell's orchestra
8 p.m.—Lavonna Jensen Vocal Trio
9 p.m.—American Salon Orchestra, ABC
10 p.m.—Rhythm Aces, directed by Georgie

Stoll

545.1 Meters 550 Kcys.

KTAB Channel 55 500 Watts Pickwick Broadcasting Co., Oakland, Calif.

9 to 9:30 a.m.—Records 9:30 to 10 a.m.—Classical program 10 to 11 a.m.—Bible class 11 to 12:30 p.m.—Morning prayer 12:30 to 1 p.m.—Chapel of Chimes 5 to 6 p.m.—Organ recital 6 to 7 p.m.—Operatic selections 7 to 7:40 p.m.—Joan Ray, contralto, with Jane Sands

9:30 to 10 p.m.—Dance records 10 to 11 p.m.—Arthur Shaw, organist 11 to 1 a.m.—Nite Owls

KFWI 322.4 Meters 930 Kcvs.

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif. 3 to 6 p.m.—Studio program 7:50 to 9:15 p.m.—Fourth Church of Christ Scientist

315.6 Meters **KFWB** 950 Kcys.

Channel 95 1000 Watts Warner Brothers. Hollywood, California

9 to 10:45 a.m.—Courtesy program
12:30 to 1:30 p.m.—Dan Parker program
1:30 p.m.—Coast League baseball game
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Hollywood Athletic Club
7:30 p.m.—Burr McIntosh, Cheerful Philosopher

9 p.m.—Bill's Ragtime Review
10 p.m.—Amos 'n' Andy
10:10 to 11 p.m.—Bill's Ragtime Review

296.6 Meters Channel 101 1010 Kcys. 500 Watts

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. Ralstin 7:30 to 9 p.m .- Evening services, First Baptist Church

280 2 Meters Channel 107 **KJBS** 1070 Kcys. 100 Watts J. Brunton & Sons, San Francisco, Calif.

8:30 to 9 a.m.—American tunes 9 to 10 a.m.—Recordings

10 to 10:30 a.m.—Millbrae Highlands Melodists 10:30 to 11 a.m.—Popular recorded selections

11 to 11:30 a.m.—Selix popular program
11:30 to 12 noon—Auburn half hour
12 to 12:30 p.m.—Concert orchestra recordings
12:30 to 1 p.m.—Variety recordings

to 1:30 p.m.—Home dining room program
1:30 to 2 p.m.—De Luxe program

1:30 to 2 p.m.—De Luxe program
2 to 3 p.m.—Red Seal recordings
3 to 3:30 p.m.—Mabel Payne, soprano
3:30 to 6 p.m.—Popular recorded program
6 to 6:30 p.m.—Instrumental selections
6:30 to 7 p.m.—Mike Caprero, accordinist
7 to 7:30 p.m.—Dinner music

319.0 Meters KOIN 940 Kcvs.

Channel 94 1000 Watts

The Portland News, Portland, Oregon

12 to 12:30 p.m.-Pipe organ concert 7 to 8 p.m.—Heathman Hotel pipe organ 7 to 8 p.m.—Benson Hotel Orches'ra 8 to 9 p.m.—First Church of Christ, Scientist to 10 p.m.-Classical hour

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Reproduction, for inst

SO MUCH has been claimed by so many radio manufacturers that it really would be a difficult matter to make an intelligent decision from the printed word alone.

Reproduction, for instance. It is not logical that one product produced at half the cost of another can perform on a comparable basis.

Nor is it logical that every brand of speaker can have the accuracy and tone quality that is so generally claimed.



ance ...

The Jensen Electro-Dynamic Speaker is manufactured by a recognized leader in the field of acoustics. The underlying reason for Jensen superiority is that it was designed and is manufactured to be superior.

Quality and knowledge come first, last, and in every phase of its manufacture. Jensen claims "Reproduc-



tion, True as the Original," because of the sincere belief that the Jensen Spaker is really that perfect . . . Ten minutes at any good radio store will convince you that this is true.



MONDAY Programs

July 1, 1929







Vernon Rickard KFWB-9 p.m.

Clark Sisters KPO-10 p.m.

Georgia Fifield KNX-7:30 p.m.

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

7 a.m.—S. & W. health exercises from KPO 8 a.m.—Shell Happy Time from KPO a.m.-Sadye Nathan

9:15 a.m.-Bess Kilmer's Helpful Hints 11 a.m.-Woman's Magazine of the Air, NBC 11:30 a.m.—Ivar

12 noon—Dep. of Agriculture talks 12:15 p.m.—Federal and state market reports

2 p.m.—Leon Archer 2:15 p.m.—Winnie Fields Moore 2:30 p.m.—Wilfred Butterworth and Gwendolyn

3 p.m.—Shirley Reid, ballads; Tom Mossman, pianist: Eddie Arms rong and Ruby Berry p.m.—Hugo Escobar, Spanish lesson; Fred Skinner

4:15 p.m.—Proctor's program 4:30 p.m.—Big Brother 4:55 p.m.—World Book Man

5 p.m.-Edison program, NBC

5:30 p.m.—General Motors Family Party, NBC 6:30 p.m.—Great Northern Railway, NBC

6:30 p.m.—Great Northern Railway, NBC 7 p.m.—Studio program 7:30 p.m.—United Bldg. and Loan program 8 p.m.—Shell program, NBC 9 p.m.—Voice of Firestone, NBC 9:30 p.m.—Bekins Van & Storage Company 10 p.m.—Packard Concert Orchestra

6:30 to 7:30 p.m.-Dance tunes

Channel 107 280.2 Meters KJBS 1070 Kcys. 100 Watts

J. Brunton & Sons, San Francisco, Calif. to 8 a.m.-Early Bird Hour 8 to 8:30 a.m.—Chrysler program 8:30 to 9 a.m.—Favorite recordings 9 to 10 a.m.-Vocal and instrumental 10 to 10:30 a.m.—Pacific Nash program 10:30 to 1:45 p.m.—Orthophonic recordings 1:45 to 2 p.m.—Dr. Wiseman, health talk 2 to 2:30 p.m.—Concert recordings 2:30 to 3 p.m.—Hot'n Kold melodies 3 to 3:30 p.m.—Mahra, "Radioland's Psychic" 3:30 to 4 p.m.—Letterman Hospital period 4 to 4:30 p.m.—Packard half hour 4:30 to 5 p.m.-Studio-Al Sather 5 to 5:30 p.m.—American tunes 5:30 to 6:30 p.m.—Record varieties

322.4 Meters **KFWI** Channel 93 930 Kcvs. 500 Watts

Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises by Cal King 8 to 9 a.m.—Recordings

9 to 9:30 a.m.—Country Store 9:30 to 10 a.m.—Recordings

10 to 10:30 a.m.—Charlie Glenn, songs 10:30 to 10:50 a.m.—Dr. Lineberger, health talk

10:30 to 10:50 a.m.—Dr. Lineberger, health talk
11 to 12 noon—Recordings
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Country Store
1:30 to 2 p.m.—Studio program
2 to 2:30 p.m.—"Pal of the Air," requests
6 to 7 p.m.—Pearl May Poore, soprano; Laura
Ellen Winsor. planist: Elgin Doane, tenor
8:30 to 9 p.m.—Mae Clarke Burns, soprano;
Charles Wheelan, baritone; Theo. John Irwin,
pignist pianist

9 to 10 p.m.-Ad Club Glee Club 10 to 11 p.m.-Studio program

322.4 Meters **KFWM** Channel 93 930 Kcys. 500 Watts

Oakland Educational Society, Oakland, Cal.

2:30 to 3:30 p.m.-Musical program under the

direction of Pha Fraser
3:30 to 3:40 p.m.—Kingdom talk
4:30 to 5:50 p.m.—Big Brother Walter

5:50 to 6 p.m.-Kingdom or World news

7 to 8 p.m.-Doc Herrold

8 to 8:30 p.m.-Bible lecture, C. H. Martin

265.3 Meters KSL Channel 113 1130 Kcvs. 5000 Watts Radio Service Corp., Salt Lake City, Utah

5 n.m.—Edison program, NBC 5:30 p.m.—General Motors program, NBC 6:30 p.m.—"Empire Builders," NBC 7 p.m.—"Padicette," by electrical transcription

7:30 p.m.—Golf lessons by Tom McHugh 7:45 p.m.—Hawaiian Duo 8 p.m.—"The Jewel Box"

8:30 p.m.-Bob Bain Larry Beaumont, harmonists; Sax-Banjo Duo and pianist 9 n.m.—"The Voice of Firestone." NBC 9:30 n.m.—"Plantation Echoes," NBC 10 n.m.—"Amos 'n' Andy"

10:15 p.m.-Slumber Hour, NBC

MONDAY Programs

ABC

American Broadcasting Company

A-KJR, KEX, KGA, KYA, KDYL, KLZ B-KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ C-KJR, KEX, KGA, KYA, KMTR D-KJR, KEX, KGA E-KJR, KEX, KGA

7 to 8 a.m.—Vim, Vigor, Vitality—C 8:05 to 8:35 a.m.—Georgie O. George—D 8 to 9 a.m.—Golden Hour Orchestra—A

8 to 9 a.m.—Golden Hour Orchestra—A
9 to 9:30 a.m.—Better Homes Half Hour—A
9:30 to 9:45 a.m.—Novelty program—A
9:45 to 10 a.m.—Devotional service—A
10 to 11 a.m.—American popular program—A
11 to 12 noon—Olympic Rangers' Orchestra with
Anthony Euwer at 11:30—E
12 to 12:15 p.m.—World in Review—E
12:15 to 12:30 p.m.—Vignette Moderne—A
12:30 to 1:30 p.m.—American Salon Orchestra—A
1:30 to 2 p.m.—Song recital—A
2 to 3 p.m.—Artists' Sextet and Anthony Euwer
—A

3 to 4 p.m.—American Salon Orchestra—A 4 to 4:30 p.m.—Vic Meyers' Orchestra—A 5:30 to 6 p.m.—Georgie Stoll's Rhythm Aces—A

5:30 to 6 p.m.—Georgie Stoil s Khythii A 6 to 6:30 p.m.—Realm of Terpsichore—A 6:30 to 7 p.m.—"Traumerei"—A 7 to 7:15 p.m.—Cecil and Sally—A 7:15 to 7:30 p.m.—Pacific Trio—A

7:30 to 8 p.m.-Americana, Rhythm Aces with

7:30 to 8 p.m.—Americana, Rhythm Aces with Tom Smith—A
8 to 9 p.m.—Hour of Musical Gems, Pacific Salon Orchestra. Liborius Hauptmann, directing; Claire Upshur, soloist—A
9 to 9:30 p.m.—John and Ned, the Twins, and Metro and Cosmo—A

9:30 to 10 p.m.—Pacific String Quartet—A 10 to 11 p.m.—Hour on Broadway, directed by Liborius Hauptmann-A

11 to 12 midnight-Georgie Stoll's Rhythm Aces with Prof. Schnitzel-A less KLZ

239.9 Meters KFOX 1250 Kcys.

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

7 to 7:30 a.m.—Hello Everybody 7:30 to 8 a.m.—Joe and Chloe 8 to 8:15 a.m.—Records 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Novelty program 9:20 to 9:30 a.m.—Organ recital 9:30 to 9:50 a.m.—Hawaiian program 9:30 to 9:50 a.m.—Hawaiian program
9:50 to 10 a.m.—Novelty songs
10 to 10:10 a.m.—Spanish program
10:10 to 10:20 a.m.—Popular songs
10:20 to 10:30 a.m.—Popular songs
10:20 to 11:30 a.m.—Records; beauty talk
11:10 to 11:30 a.m.—Musical program
11:30 to 11:50 a.m.—Early news report
11:50 to 12 noon—Musical program
12 to 12:30 p.m.—Organ recital, Roy L. Medcalfe
12:30 to 1 p.m.—Helene Smith, pianist
1 to 4 p.m.—Records; health talk 12:30 to 1 p.m.—Helene Smith, pianist
1 to 4 p.m.—Records: health talk
4 to 5 p. m.—News; Originality Girls
5 to 6 p.m.—Organ recital, Roy Medcalfe
6 to 6:05 p.m.—Lost and found department
6:05 to 6:30 p.m.—Crosley entertainers
6:30 to 7 p.m.—Bluebirds
7 to 8 p.m.—Suydam's Buttercream School
8 to 9 p.m.—Double Eagle Quartette
9 to 10 p.m.—Ambassador Hotel Orchestra
10 to 11 p.m.—Charlie Joslyn's orchestra
11 to 1 a.m.—Dorado Club; Four Red Coats

491.5 Meters 610 Kcys.

KFRC

Channel 61 1000 Watts

Don Lee, Inc., San Francisco, Calif.

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Simpy Fitts
7:30 a.m.—New York Stock Exchange
8 to 8:05 a.m.—"Yir Frien' Scotty'
8:05 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.—Domestic science talk
11:30 to 11:45 a.m.—Raladam program
11:45 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman-Clay concert
3 to 3:15 p.m.—Sherman-Clay concert
3 to 3:15 p.m.—Something About Everything
3:35 to 4 p.m.—News, Lost and Found 3:30 to 3:35 p.m.—Something About Everything
3:35 to 4 p.m.—News, Lost and Found
4 to 4:55 p.m.—Elvia Allman's Surprise Package
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Surprise Quintet
6 to 6:45 p.m.—Sunset Quintet
6 to 6:45 p.m.—KHJ Orchestra and singers
6:45 to 7 p.m.—Captain Vacation
7 to 7:30 p.m.—Kansas Kleanser program and
Three K's
7:30 to 8 p.m.—The Cecilians
8 to 10 p.m.—S. F. Symphony Orchestra under
direction of Bernardino Molinari
10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 11:10 p.m.—Anson Weeks' orchestra
11:10 to 12:10 a.m.—Val Valente's Jungletown
Orchestra

Orchestra 12:10 to 1 a.m.-Dorado Club Silver Fizz Dance Music

232.6 Meters **KDYL** 1290 Kcys.

Channel 129 1000 Watts

Channel 59

Intermountain Broad. Corp., Salt Lake City 6 p.m.-Evans Sisters Instrumental Trio 6:30 p.m.-Studio Time 7 p.ni.—Popular local entertainers 8 p.m.—Re-created World Championship Bout 9 p.m.—"Metro and Cosmo" and John and Ned,

ABC 9:30 p.m.—Pacific String Quartet, ABC 10 p.m.—Pacific Salon Orch., ABC 11 p.m.—Rhythm Aces, ABC

508.2 Meters **KHQ** 590 Kcys.

1000 Watts Louis Wasmer, Inc., Spokane, Washington

7 to 7:30 a.m.—Sunrise Pep Period 7:30 to 8 a.m.—Model Musical Klock 7:30 to 8 a.m.—Model Musical Klock
8 to 9 a.m.—Shell Happy Time
9 to 10 a.m.—Musical Bazaar; home economics
10 to 10:30 a.m.—Sara Leigh's Hour with Women
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 12 noon—Farmers' Service Hour
12 to 12:15 p.m.—Luncheon program
12:15 to 12:30 p.m.—Jones Musical Headlines
12:30 to 1 p.m.—Temple Radio Minstrel Man
1 to 1:30 p.m.—Copeland Musical Review
1:30 to 1:45 p.m.—Miss Modern Shops a la Mode
1:45 to 2 p.m.—Fur Facts 1:30 to 1:45 p.m.—Miss Modern Shops a la Mode 1:45 to 2 p.m.—Fur Facts 2 to 3 p.m.—Washington home service 3 to 3:15 p.m.—Musical program 3:15 to 3:30 p.m.—Studio program 3:30 to 4 p.m.—'Paint o' Mine'' period 4 to 5 p.m.—Triodian String Ensemble 5 to 5:30 p.m.—Edison program, NBC 5:30 to 6:30 p.m.—General Motors, NBC 6:30 to 7 p.m.—Empire Builders, NBC 7 to 8 p.m.—In Danceland, NBC 8 to 9 p.m.—Rudy Seiger's Shell Symphonists, NBC 9 to 9:30 p.m.—Voice of Firestone NBC NBC 9 to 9:30 p.m.—Voice of Firestone, NBC 9:30 to 10 p.m.—Musical Truck Drivers 10 to 10:15 p.m.—Amos 'n' Andy 10:15 to 10:30 p.m.—Alice in Launderland

MONDAY Programs

NBC

National Broadcasting Company

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

Air"
Helen Webster will read another group of
"Household Hints" and Ann Holden will talk,
The Arion Trio and NBC soloists will provide music during the hour and Bennie
Walker, editor, will read a group of selected
poems from a long list of "requests."
Broadcast through KHQ, KOMO (10:45 to
11:30 a.m.(, KGW, KGO, KPO and KFI (11 to

11:30 a.m.).

11:30 a.m.).

5 to 5:30 p.m.—Edison program
Favorite music of another famous person will be heard during the broadcast of the Edison program through KHQ, KOMO, KGW, KGO, KPO and KFI.

5:30 to 6:30 p.m.—General Motors Family Party Sixty minutes with John Philip Sousa and his world-famous band will be offered through KHQ, KOMO, KGW, KGO, KPO and KFI.

6:30 to 7 p.m.—"The Empire Builders"
Dramatizing another Indian legend of Glacier National Park and Waterton Lakes, "The Empire Builders" tonight will close their series of historical broadcasts.
Broadcast through KHQ, KOMO, KGW,

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

to 8 p.m.—In Danceland
Eddie Fitzpatrick and a twenty-piece jazz

band go on the air.
Augmenting the band, Henry Starr, tenor, and other NBC artists will present novelty numbers and vocal choruses appropriate to

tne nour.

Broadcast through KHQ, KGW (7 to 7:30 p.m.) and KOMO (7:30 to 8 p.m.).

to 9 p.m.—Rudy Seiger's Shell Symphonists
Playing as a violin solo his own "Berceuse,"
Rudy Seiger will conduct his Shell Symphonists in an hour of light classical and semipopular music.
Complete details follow:

Complete details follow:
Orchestra—My MarylandRomborchestra—Midsummer Night's Serenade....

Orchestra—A Night in Venice Strauss
Orchestra—A South Sea Island Romance
"The Pale Star" Roth
Orchestra—Group of Schubert's songs
Orchestra—Spanish Students (Waltz)Waldteufel

KGO, KPO and KFI.

9 to 9:30 p.m.-"Voice of Firestone" Those who will participate in the program include Easton Kent, the "Voice of Firestone," Marian Gilbert, contraito, the 32-plece orchestra conducted by Max Dolin and the Choris-

ters under Mynard Jones' direction.
Broadcast through KHQ, KOMO, KGW,
KGO, KPO, KFI, KSL and KOA.

9:30 to 10 p.m.—Plantation Echoes
"Plantation Echoes" will come to NBC
when the lazy airs of the southern folk are
broadcast from the imaginary home of Judge Chandler.

Johnny Toffoli's accordion will be heard and Sylvano Dale will present a novelty tap dance.

Others programmed are Bobbe Deane, Clarence Hayes, Charles Marshall and Jerry and his Dixie Melodists.

his Dixie Melodists.

Broadcast through KSL and KOA.

10 to 11 p.m.—Slumber Hour

Several of the most familiar and beloved classics are chronicled for the broadcast of the Slumber Hour program.

Harold Spaulding, tenor, will be heard in "I Shall Return" by Schipa and "Sunrise and You."

Broadcast through KSL and KOA.

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 8:05 a.m.—Newscasting, ABC 8:05 to 9 a.m.—Golden Hour Orchestra, ABC 9 to 9:30 a.m.—Better Homes Hour, ABC

9:30 to 10 a.m.—Novelty program and devotional services, ABC

9:30 to 10 a.m.—Novelty program and devotional services, ABC
10 to 11 a.m.—American Popular Orch., ABC
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—News items
12:15 to 12:30 p.m.—Vignette Moderne, ABC
12:30 to 1:30 p.m.—American Salon Orch., ABC
1:30 to 2 p.m.—Song recital, ABC
2 to 3 p.m.—Artists' Sextet and Anthony Euwer
3 to 4 p.m.—American Salon Orch., ABC
4 to 4:30 p.m.—Vic Meyers, ABC
4 to 4:30 p.m.—Vic Meyers, ABC
4 to 4:30 p.m.—Sunset Trio
4:45 to 5 p.m.—News items
5 to 5:30 p.m.—Sunset Trio and Golden Gate
Cryer; Mary Atkinson, soloist
5:30 to 6 p.m.—Rhythm Aces, ABC
6:30 to 7 p.m.—"Traumerei," ABC
7:50 to 7:50 p.m.—Pacific Trio, ABC
7:51 to 7:30 p.m.—Pacific Trio, ABC
7:52 to 7:30 p.m.—Pacific Trio, ABC
7:530 to 8 p.m.—Americana, ABC
8 to 9 p.m.—Musical Gems, ABC
9 to 9:30 p.m.—Metro and Cosmo, with John and Ned, ABC
9:30 to 10 p.m.—Pacific String Quartet, ABC 9:30 to 10 p.m.—Pacific String Quartet, 10 to 11 p.m.—Hour on Broadway, AB 11 to 12 midnight—Rhythm Aces, ABC

333.1 Meters Channel 90 KHJ 900 Kcys. 1000 Watts Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.-Physical culture period

7:30 to 8:30 a.m.—Recordings 8:30 to 9 a.m.—"Alarm Clock" 9 to 9:30 a.m.—Recordings

9:30 to 10:15 a.m.-Howard Griffin, violinist, and

9:30 to 10:15 a.m.—Howard Griffin, Violinist, and Mona Content, planist 10:15 to 11:15 a.m.—A. White, "At Our House" 11:15 to 12 noon—Studio program 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.—Organ recital, Leigh Harline 1:30 to 2 p.m.—Charlie Wellman's program

2 to 3 p.m.—KHJ soloists 3 to 3:15 p.m.—Western Air Express

3:15 to 3:30 p.m.—Studio program 3:30 to 3:45 p.m.—Murray, "Home Problems"

3:30 to 3:45 p.m.—Murray, "Home Problems" 3:45 to 4 p.m.—Spanish lesson, Mrs. Doherty 4 to 5 p.m.—Elvia Allman's "Surprise Package" 5 to 5:30 p.m.—The Story Man 5:30 to 6 p.m.—'Up from the Earth" 6 to 6:45 p.m.—KHJ Orchestra and singers 6:45 to 7 p.m.—World-wide news 7 to 7:30 p.m.—Inglewood Park program 7:30 to 8 p.m.—Continuity program 8 to 10 p.m.—Jamboree program from KFRC 10 to 11 p.m.—Mark Hopkins Dance Orchestra 11 to 12 midnight—Biltmore Hotel Dance Orchestra. chestra

12 to 1 a.m.—Organ recital, Wesley Tourtellotte

MONDAY Programs

Channel 68 **KPO** 440.9 Meters 5000 Watts 680 Kcys. Hale Bros. & The Chronicle, San Francisco 7 to 7:45 a.m.-S. & W. health exercises, by Hugh Barrett Dobbs, assisted by William H. Hugh Bariett bobbs, assisted by Whiteh In-Hancock, KPO and KFI 8 to 9 a.m.—Shell Happy Time, Hugh Barrett Dobbs and William H. Hancock 9:30 to 10 a.m.—Dobbsie's Daily Chat 10 to 10:15 a.m.—Art talk by Helen Barker 10:30 to 11:30 a.m.—Magazine of the Air, NBC 12 to 12:05 p.m.—Scripture reading; announcements 12:05 to 12:50 p.m.-Aeolian Trio 12:05 to 12:50 p.m.—Aeotian Trio
12:50 to 1 p.m.—Stock market quotations
1 to 1:30 p.m.—Shopping hour, Jerry Jermaine
1:30 to 2 p.m.—Ann Warner's Home Chats
2 to 2:15 p.m.—U. S. Dept. of Commerce talk
2:15 to 2:30 p.m.—Calif. Dev. Assoc. talk
2:30 to 2:43 p.m.—Ye Towne Cryer
2:43 to 2:45 p.m.—Kozak Radiogram
4 to 4:50 p.m.—Children's Hour 2:45 to 2:45 p.m.—Rozak Radiogram
4 to 4:50 p.m.—Children's Hour
4:50 to 5 p.m.—Stock market quotations
5 to 5:30 p.m.—Edison program, NBC
5:30 to 6:30 p.m.—General Motors program, NBC
6:30 to 7 p.m.—Great Northern Railway program, NBC gram, NBC
7 to 8 p.m.—Daily Reologue
8 to 9 p.m.—Shell Symphonists program, NBC
9 to 9:30 p.m.—Voice of Firestone program, NBC
9:30 to 10 p.m.—Bekins Van and Storage, NBC
10 to 11 p.m.—KPO Revue
11 to 11:02 p.m.—Kozak Radiogram
11:02 to 12 midnight—KPO Revue

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

7:55 a.m.—Inspirational services 7:55 a.m.—Inspirational services
8 a.m.—Shell Happy Time
9 a.m.—Fox Theatre organ recital
10 a.m.—Y. M. C. A. health exercises
10:15 a.m.—"What to Prepare for Dinner"
10:30 a.m.—So-A-Tone broadcast
10:45 a.m.—Women's Magazine of the Air, NBC
11:30 a.m.—Dorothea Wei and Madelin Dvorak, duets 11:45 a.m.-Gyrators; Joy Boys and Jimmie Riddel, tenor

1 p.m.—Orchestra; Greenwood Mitchell, baritone, and Alice Maclean, soprano

2 p.m.—"Did You Know?"

2:10 p.m.—Orchestra; Madelin Dvorak and Dorthestra; Wei dieta; othea Wei, duets p.m.—The Harmonists 3:10 p.m.—Orchestra; Greenwood Mitchell, baritone 4:05 p.m.—Mining stock quotations 4:15 p.m.—Novelty trio 4:45 p.m.—Stock and bond quotations 5 p.m.—Edison Recorders, NBC 5 p.m.—Edison Recorders, NBC
5:30 p.m.—General Motors program, NBC
6:30 p.m.—Empire Builders, NBC
7:30 p.m.—In Dance Land, NBC
8 p.m.—Seiger's Shell Symphonists, NBC
9 p.m.—Voice of Firestone, NBC
9:30 p.m.—Orchestra; James Harvey, tenor, and Walter Reseburg. haritone
10:30 p.m.—News Flashes
10:45 p.m.—Orchestra; James Harvey and Walter Reseburg
11:15 p.m.—Fox Theatre frolic
11:45 to 12:30 a.m.—Orchestra with James Harvey, tenor vey, tenor

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

7 to 8 a.m.—Kelly Kar Eye Openers 8 to 9 a.m.—Ray Raymond's Tabloids 9 to 9:30 a.m.—Morning prayer 9:30 to 10 a.m.—Records
10 to 10:30 a.m.—Dr. Corley
10:30 to 11 a.m.—Studio program
11 to 11:15 a.m.—Fanchon's Style Chats
11:15 to 12 noon—Chasing the Blues 12 to 1 p.m.—Recordings 1 to 1:30 p.m.—Chapel of Chimes 1:30 to 2 p.m.—Records 1:30 to 2 p.m.—Records
2 to 3 p.m.—Arthur Shaw, organist
3 to 4 p.m.—KTAB Salon Orchestra
4 to 5 p.m.—Home Towners
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Don's Half Hour
6:30 to 7 p.m.—Twilight Hour
7 to 7:15 p.m.—Sports talk
7:15 to 7:30 p.m.—Records
7:30 to 8 p.m.—Lincolnians
8 to 8:30 p.m.—Studio Trio
8:30 to 9 p.m.—Joan Ray, Jane Sands
9 to 10 p.m.—Pickwick travelogue
10 to 11 p.m.—Estelle Moran, Carl Tobin, Emmet
Dorman Dorman 11 to 1 a.m.-Nite Owls

285.5 Meters KNX Channel 105 1050 Kcys. 5000 Watts L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises 8:15 to 8:30 a.m.—Inspirational talk and prayer 9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Radio shopping news 9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's morning message
10:30 to 11 a.m.—Household Economics
11 to 11:30 a.m.—Georgia O. George program
11:30 to 12 noon—So-A-Tone broadcast
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1 to 1:30 p.m.—Beauty talk
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
4 to 4:15 p.m.—Stock market reports
5:15 to 5:45 p.m.—'Own Your Own Home'
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7:30 to 8 p.m.—One-act play under the direction
of Georgia Fifield 130 to 8 p.m.—One-act play under the direction of Georgia Fifield to 9 p.m.—Paramount hour, presenting famous personalities of the screen, Paramount Orchestra, etc. 9 to 10 p.m.—Feature program 10 to 12 midnight—Gus Arnheim and his Cocoanut Grove Orchestra

12 to 1 a.m.—Dorado Club Silver Fizz dance hour

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

5 to 5:30 p.m.—Edison program, NBC 5:30 to 6:30 p.m.—General Motors Family Party, NRC

6:30 to 7 p.m.—Empire Builders, NBC 7 to 8 p.m.—General Electric Hour—featuring Denver Concert Orchestra and General Elec-

Denver Concert Orchestra and General Electric Male Quartet
8 to 8:05 p.m.—"Financial Independence"
8:05 to 8:35 p.m.—George Hall
8:35 to 9 p.m.—In the Garden—Gypsy Girl; tenor and contraito solos and duets
9 to 9:30 p.m.—The Voice of Firestone, NBC
9:30 to 10 p.m.—Plantation Echoes, NBC

10 to 11 p.m.-Slumber Hour, NBC

MONDAY Programs

340.7 Meters 880 Kcvs.

KLX

Channel 88 500 Watts

Tribune Publishing Co., Oakland, Calif.

to 8 a.m.—Exercises; stock quotations to 9 a.m.—Jean Kent

o to 5 a.m.—Jean Kent 9 to 9:30 a.m.—Modern Homes period 9:30 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Opening stocks, weather 10:30 to 10:50 a.m.—Recordings 10:50 to 11 a.m.—Belco talk

10:50 to 11 a.m.—Belco talk
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 3:30 p.m.—Opportunity hour
3:30 to 4:30 p.m.—Cressor The Besserer, organist
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, planist
5 to 7 m —Hotel Oakland concert trip

5:30 to 6 p.m.—Cressy Ferra, planist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 8:30 p.m.—Amati Quartet
8:30 to 9 p.m.—Pacific States Savings Quartet
9 to 10 p.m.—Helen Wegman Parmelee, pianist;
Edith Earn Newsomb controlled and Paymond

Edith Fern Newcomb, contralto, and Raymond Marlowe, tenor

483.6 Meters 620 Kcys.

KGW

Channel 62 1000 Watts

The Morning Oregonian, Portland, Oregon

7:45 to 8 a.m.-Devotional services

7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time
9 to 9:20 a.m.—Oregonian Cooking School
9:20 to 10:30 a.m.—The Town Crier
10:30 to 11:30 a.m.—'Magazine of the Air," NBC
11:30 to 1 p.m.—Musical entertainment
1 to 1:20 p.m.—Stock market quotations
5 to 5:30 p.m.—Edison program, NBC
5:30 to 6:30 p.m.—General Motors Party, NBC
6:30 to 7 p.m.—Great Northern Railway program NBC

gram, NBC

to 8 p.m.—So-A-Tone program to 9 p.m.—Rudy Seiger's Shell Symphonists, NBC 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 Collegi-

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

10 to 11 a.m.—Helpful Hour
11 to 12 noon—Santa Cruz program
12 to 12:30 p.m.—Capitola program
12:30 to 1 p.m.—Market reports and weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program
5 to 5:30 p.m.—Children's program

5 to 5:30 p.m.—Children's program 5:30 to 5:45 p.m.—Musical program

5:45 to 6 p.m.—Franco's program 6 to 6:10 p.m.—U. S. D. A. farm flashes 6:10 to 6:30 p.m.—Crop Digest 6:30 to 6:50 p.m.—Weather and market reports

6:50 to 7 p.m.—Farmers' Exchange 7 to 8 p.m.—Farm Bureau evening news 8 to 9 p.m.—San Jose Chamber of Commerce program

9 to 9:30 p.m.—Santa Cruz program 9:30 to 11 p.m.—Musical program

379.5 Meters **KGO** Channel 79 10.000 Watts 790 Kcys.

General Electric Co., Oakland, California

9:30 to 10:30 a.m.-California Home Life 10:30 to 11:30 a.m.-Magazine of the Air, NBC 11:30 to 1 p.m.-Rembrandt Trio; stocks and weather

4 to 4:30 p.m.—Aunt Betty (Ruth Thompson) stories, KGO Kiddies' Klub 4:30 to 5 p.m.—Stock; produce, daily bulletins (Ruth Thompson)

and news

and news
5 to 5:30 p.m.—Edison Recorders, NBC
5:30 to 6:30 p.m.—General Motors, NBC
6:30 to 7 p.m.—The Empire Builders, NBC
7 to 8 p.m.—Stanislas Bem's Little Symphony
Orchestra, Hotel Whitcomb, San Francisco
8 to 9 p.m.—Rudy Seiger's Shell Symphonists,
NBC
1 to 9:20 p.m.—The Vaice of Firestone, NBC

9 to 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 10:45 to 11:45 p.m.—Henry Halstead's Hotel St.

Francis Orchestra

315.6 Meters Channel 95 KFWB 950 Kcvs. 1000 Watts

Warner Brothers, Hollywood, California 8 a.m.—Harry Q. Mills, organist; the Harmony Quartet and entertainers 10 a.m.—Harmony Hour 11:15 a.m.—Chats with Merion

12:30 p.m.—Housekeepers' Chat 12:45 p.m.—Air Journal 2:10 p.m.—Ann Grey, popular songs; Don Warner, pianist

ner, planist
2:40 p.m.—Pac. Elec. Art, old-time songs
4:30 p.m.—Radio Travel Tales
5 p.m.—Radio Review
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Hawaiian quartet and Charlotte De
Lovelace, songs
7:30 p.m.—Ray Bailey's Sextet
7:45 p.m.—Daily news
8 p.m.—The 507 Boys
8:30 p.m.—Boswell Sisters; the Vagabonds Male
Quartet

Quartet p.m.—Vicenzo Pometti's concert orchestra;

Vernon Rickard, tenor 10 p.m.—Amos 'n' Andy

10:10 p.m.—Irving Aaronson and his Commanders

11:10 to 12:10 a.m.-Roy Fox' Orchestra

Channel 60 499.7 Meters 1000 Watts 600 Kcys.

Airfan Radio Corp., San Diego, Calif. 9 to 10 a.m.-Morning musical

10 to 11 a.m.—Amy Lou 11 to 12:30 p.m.—Service Hour

to 6 p.m.—Nightly Musical Review
6 to 6:15 p.m.—News items
6:15 to 7 p.m.—San Diego Bldg, and Loan Trio

7 to 8 p.m.—Thearle Music Co. 8 to 9 p.m.—Concert Trio with Mollie Burwell, soprano

9 to 10 p.m.—Ratliff's Dancing Academy 10 to 11 p.m.—American Legion Round-up with American Legion Quartet, Mae Coseboom, ballads: Gene Bump, piano, and various popular artists

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July 2, 1929



H. C. Connette NBC—Continuity Writer

den Orchestra



Joan Ray KTAB-8 p.m.



Cressy Ferra KLX—5:30 p.m.



August Hinrichs KGO-9 p.m.

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

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Simpy Fitts
8 to 8:05 a.m.—'Yir Frien' Scotty''
8:05 to 8:30 a.m.—Wir Frien' Scotty''
8:05 to 8:30 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.—Recordings
11:45 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman-Clay concert
3 to 3:30 p.m.—Educational period
4 to 4:30 p.m.—Educational period
4 to 4:30 p.m.—Something About Everything
4:35 to 4:55 p.m.—Something About Everything
4:55 to 5:30 p.m.—Storyman and his Aircastle
5 to 5:30 p.m.—Storyman and his Aircastle
6 to 6:30 p.m.—Sunset Quintet
6 to 6:30 p.m.—Concert orchestra and Mac
6:30 to 6:45 p.m.—Captain Vacation
6:45 to 7 p.m.—"Bobs," sports authority
7 to 7:30 p.m.—Ensemble and Olsen
7:30 to 8 p.m.—Ensemble and Olsen
7:30 to 8 p.m.—Ensemble and soloists
9:30 to 10 p.m.—Raybestos program
10 to 10:10 p.m.—Raybestos program
11:10 to 1 a.m.—Dorado Club Dance Music

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

12:10 to 1 a.m.-Dorado Club Dance Music

8 to 9 a.m.-Musical program o to y a.m.—Musical program 11 to 11:30 a.m.—Musical program 11:30 to 12 noon—Vanity Fair program 1:30 to 2:30 p.m.—Edna's Entertainment Hour 3 to 3:40 p.m.—Organ recital 3:40 to 4:30 p.m.—Louie Margie and his boy friends 4:30 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom or World news 7 to 8 p.m.—Doc Herrold 8 to 8:30 p.m.—Bible lecture, Robert Craig 8:30 to 9 p.m.—Musical program 9 to 10 p.m.—West Coast Life Insurance Com-

pany program

10 to 11 p.m .- The Wanderers

243.8 Meters KYA Channel 123 1230 Kcvs. 1000 Watts

1230 Kcys, INIA 1000 Watts
Pacific Broadcasting Corp., San Francisco
7 to 8 a.m.—Vim, Vigor and Vitality, ABC
8 to 8:05 a.m.—Newscasting, ABC
8:05 to 9 a.m.—Golden Hour Orchestra, ABC
9:05 to 9 a.m.—Mary Cooke, better homes, ABC
9:30 to 9:45 a.m.—Novelty program, ABC
9:45 to 10 a.m.—Devotional service, ABC
0:45 to 10 a.m.—Oregon Mills program
10:30 to 11 a.m.—American Popular Orch., ABC
11 to 12:15 p.m.—News items
12:15 to 12:30 p.m.—Tuesday Noon Club
12:30 to 1:15 p.m.—American Ensemble, ABC
1:15 to 1:30 p.m.—Babette, fashion authority
1:30 to 2 p.m.—Dr. Stevenson Smith. ABC
2 to 2:45 p.m.—American Salon Orch., ABC
2:45 to 4:30 p.m.—Baseball for the Kelley Car Company
4:30 to 4:45 p.m.—Tom and Jack
4:45 to 5 p.m.—News items
5 to 6 p.m.—Paul Whiteman hour, CBS
6 to 7 p.m.—Voice of Columbia, CBS
7 to 7:30 p.m.—Pacific Salon Orchestra
7:30 to 8 p.m.—Artistic Ensemble, ABC
8 to 8:30 p.m.—Vic Meyers, ABC
8:30 to 9 p.m.—Paul Bunyan
9 to 10 p.m.—American Philharmonic Orchestra,
ABC Company ABC 10 to 10:30 p.m.—Enchanters' Quartet, ABC 10:30 to 11 p.m.—Singing Strings, ABC 11 to 12 midnight—Vic Meyers' Orch., ABC

322.4 Meters Channel 93 KFWI 930 Kcys. 500 Watts Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.-Health exercises, Cal King

8 to 9 a.m.—Recordings

9 to 9:30 a.m.—Country Store 9:30 to 10 a.m.—Talk, stocks and bonds, Rita

Murray 10 to 10:30 a.m.-Charlie Glenn, songs

10:30 to 10:50 a.m.—Dr. Linebarger health talk 10:50 to 11 a.m.—News items, weather

11 to 12 noon—Recordings
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Country Store
6 to 6:30 p.m.—Dinner program; Philip Newcomb, tenor 6:30 to 7 p.m.—Topsy's Roost

ABC

American Broadcasting Company

A-KJR, KEX, KGA, KYA, KDYL, KLZ B-KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ C-KJR, KEX, KGA, KYA, KMTR D-KJR, KEX, KGA E-KJR, KEX, KGA, KDYL, KLZ

7 to 8 a.m.—Vim, Vigor, Vitality—C 8:05 to 8:35 a.m.—Georgie O. George—D 8 to 9 a.m.—Golden Hour Orchestra—A 9 to 9:30 a.m.—Better Homes Half Hour—A 9:45 to 10 a.m.—Devotional service—A 10 to 11 a.m.-American Popular Orchestra-A KYA at 10:30) 11 to 12 noon-Olympic Rangers' Orchestra with

Anthony Euwer at 11:30—E

12 to 12:15 p.m.—World in Review—E

12:15 to 12:30 p.m.—Vignette Moderne—E

12:30 to 1:30 p.m.—Artistic Ensemble—A

1:30 to 2 p.m.—Dr. Stevenson Smith, on the

ven-Trained Child —A

to 3 p.m.—American Salon Orchestra—A

to 4 p.m.—Vic Meyers' Orchestra—E

to 6 p.m.—Old Gold-Paul Whiteman Hour,
CBS—B

6 to 7 p.m.—Voice of Columbia, CBS from New York—B

YORK—B
7 to 7:30 p.m.—Old Songs for New—D
7:30 to 8 p.m.—Artistic Ensemble—B
8 to 8:30 p.m.—Vic Meyers' Orchestra—B
8:30 to 9 p.m.—Histories of Paul Bunyan—B
9 to 10 p.m.—American Philharmonic Orch
tra, Francesco Longo, directing—B Orches-

10 to 10:30 p.m.—Enchanters' Male Quartet—B 10:30 to 11 p.m.—Singing Strings—B 11 to 12 midnight—Vic Meyers' Orchestra—B

less KLZ

285.5 Meters **KNX** Channel 105 5000 Watts 1050 Kcvs.

L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises 8:15 to 8:30 a.m.—Inspirational talk and prayer 8:30 to 8:55 a.m.—Courtesy program

9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Radio shopping news

10 to 10:30 a.m.—Town Crier's morning message 10:30 to 11 a.m.—Household Economics 11 to 11:15 a.m.—Proctor's courtesy program 11:15 to 11:45 a.m.—French lessons by Edgard

Leon

Leon
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1 to 1:30 p.m.—Beauty talk
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
4 to 4:15 p.m.—Garden talk by D. R. Krucke-

berg

berg
5:15 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 7:30 p.m.—Dr. Mars Baumgardt, "Popular Science"

7:30 to 8 p.m.—Feature program 8 to 9 p.m.—Courtesy program 9 to 9:30 p.m.—"So-A-Tone" broadcast 9:30 to 10 p.m.—Feature program 10 to 12 midnight—Gus Arnheim and his Cocoa-

nut Grove Orchestra 12 to 1 a.m.—Dorado Club Silver Fizz dance hour

National Broadcasting Company

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

Continuing the series, another "Pictorial

Play" will be broadcast.

In a musical setting there also will be talks by Ann Holden, domestic science expert, on the variation of sandwiches during the Kraft feature and on pies during the Wedgewood period.

period.

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

10 3 p.m.—The Wanderers

The trio of touring artists will visit another by-way of Europe, bringing to their listeners a program of appropriate music and another episode of "The Wanderers" romance.

Broadcast through KHQ, KOMO and KGO.

10 6:30 p.m.—Clicquot Club Eskimos

Clicquot Club Eskimos, one of radio's first dance orchestras, will play a half hour tonight through KGO, KPO and KFI, KHQ, KOMO, and KGW

6:30 to 7 p.m.—C. A. Earl Orchestradians

6:30 to 7 p.m.—C. A. Earl Orchestradians
Tom Waring, tenor, will be the guest artist
when the C. A. Earl Orchestradians are heard tonight.

Waring's solos will be "Louise" and "Baby, Who Can You Be?" Selections by the Orchestradians, under Phil Spitalny's baton, are popular airs.

Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.
S to 9 p.m.—Tales Never Told
"Tales Never Told" is considered unique among programs. During the hour four songs, chosen from favorites of the past and popular hits of the present, are sung by a mixed quartet. Each song is followed by a brief drama, written especially for this pro-

gram by Harry De Lassaux.

An orchestra directed by Charles Hart completes the musical cast. Members of the National Players participate in the dramas under Ted Maxwell's supervision.

Broadcast through KHQ, KOMO, KGW and KGO.

10 to 11 p.m.—Spotlight Review Memories of programs of the past will be recalled as the "Spotlight Review" is broad-

cast.

In this sixty-minute period auditors will hear several NBC artists, both musical and dramatic. Frank Ellis will conduct the orchestra. Other participants will be announced when the program goes on the air.

Broadcast through KHQ, KGW (10:30 to 11 p.m.), KGO (10:15 to 11 p.m.), KPO and KFl.

11 to 12 midnight—Dance music by the Trocaderans under the leadership of Frank Ellis will be broadcast through KHQ, KGW and KPO.

KPO.

319.0 Meters KOIN 940 Kcvs.

Channel 94 1000 Watts

The Portland News, Portland, Oregon

9 to 9:30 a.m.—Portland Theater organ 9:30 to 12 noon—Women's programs 12 to 1 p.m.—Luncheon concert 1:30 to 2 p.m.—Novelty studio program 1:30 to 2 p.m.—Novelty studio program
2 to 3 p.m.—Musical program
3 to 5 p.m.—Portland News matinee
5 to 6 p.m.—Novelty studio program
6 to 7 p.m.—Heathman Hotel pipe organ
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 10 p.m.—Various studio programs
10 to 11:30 p.m.—Dance music by McElroy's
Greater Oregonians and Warner Stone's Jantran Basch Orchestra

tzen Beach Orchestra

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 10:30 to 11:30 a.m.—Magazine of the Air, NBC 11:30 to 1 p.m.—Rembrandt Trio; stocks and weather

weather
2 to 3 p.m.—The Wanderers, NBC
4:30 to 5:30 p.m.—Edward J. Fitzpairick and
his Hotel St. Francis Salon Orch.
5:30 to 6 p.m.—S. F. and N. Y. stock, S. F.
produce, daily bulletins and news
6 to 6:30 p.m.—Clicquot Club Eskimos, NBC
6:30 to 7 p.m.—C. A. Earl Orchestradians, NBC
7 to 8 pm —Studio concept

7 to 8 p.m.—Studio concert 8 to 9 p.m.—Tales Never Told, NBC 9 to 10 p.m.—The Pilgrims in America. August Hinrichs, director; Eva Gruninger Atkinson,

contralto 10 to 11 p.m.—Spotlight Review, NBC 11 to 12 midnight—The Trocaderans, NBC

315.6 Meters KFWB Channel 95 950 Kcvs. 1000 Watts

Warner Brothers, Hollywood, California 8 a.m.—Harry Q. Mills, organist; Harmony Quartet and entertainers

Quartet and entertainers
10 a.m.—Harmony Hour
11:15 a.m.—Chats with Merion
12:30 p.m.—Musical program
12:45 p.m.—Air Journal
2:10 p.m.—Coast League baseball game
4:15 p.m.—Radio Travel Tales

4:15 p.m.—Radio Travel Tales
5 p.m.—Radio Review
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Hollywood Athletic Club
7:30 p.m.—Organ recital
7:50 p.m.—Daily news
8 p.m.—The 507 Boys
8:30 p.m.—A play adapted and presented by
Herbert Heyes

9 p.m.—Edgeworth Club program 9:30 p.m.—Blow by blow description of Olympic Auditorium boxing bout
10:30 p.m.—Amos 'n' Andy
10:40 p.m.—Irving Aaronson and his Com-

manders

11:40 to 12:40 a.m.—Roy Fox' Orchestra

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

7:45 to 8 a.m.—Devotional services 8 to 9 a.m.-Portland Breakfast Club

8 to 9 a.m.—Portland Breakfast Club
9 to 9:20 a.m.—Oregonian Cooking School
9:20 to 10:15 a.m.—The Town Crier
10:15 to 10:30 a.m.—Lesser Co., Inc., program
10:30 to 11:30 a.m.—"Magazine of the Air," NBC
11:30 to 11:45 a.m.—Studio program
1 to 1:20 p.m.—Stock market quotations
1:20 to 2 p.m.—Musical entertainment
2 to 5 p.m.—Basehall

to 5 p.m.—Baseball
5 to 6 p. m.—Studio program
6 to 6:30 p.m.—Clicquot Club Eskimos. NBC
6:30 to 7 p.m.—Earl Orchestradians, NBC

7 to 8 p.m.—Studio program 8 to 9 p.m.—Tales Never Told, NBC 9 to 9:30 p.m.—Hupmobile program 9:30 to 10:30 p.m.—Gold Shield Coffee program,

комо

10:30 to 11 p.m.—Spotlight Review, 11 to 12 midnight-Trocaderans, NBC 440.9 Meters **KPO** Channel 68 680 Kcys. 5000 Watts

Hale Bros. & The Chronicle, San Francisco 7 to 7:45 a.m.—S. & W. health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock, KPO and KFI

Hancock, KPO and KP1
8 to 9 a.m.—Shell Happy Time by Hugh Barrett
Dobbs and William H. Hancock
9:30 to 10 a.m.—Dobbsie's Daily Chat
10:30 to 11:30 a.m.—Magazine of the Air, NBC 12 to 12:05 p.m.—Scripture reading; announcements

ments
12:05 to 12:55 p.m.—Aeolian Trio
12:55 to 1 p.m.—Stock market quotations
1 to 1:30 p.m.—Jerry Jermaine for Hales
1:30 to 2 p.m.—Ann Warner's Home Chats
2 to 2:30 p.m.—House of Dreams, Paul Pitman
2:30 to 2:43 p.m.—Ye Towne Cryer
2:43 to 2:45 p.m.—Kozak Radiogram
2:45 to 4:30 p.m.—Baseball, Don Thompson at
the microphone

the microphone

the microphone
4:30 to 4:40 p.m.—Stock market quotations
5 to 6 p.m.—Children's Hour
6 to 6:30 p.m.—Children's Hour
6 to 6:30 p.m.—Clicquot Club Eskimos, NBC
6:30 to 7 p.m.—C. A. Earl Orchestradians, NBC
7 to 8 p.m.—Studio program
8 to 9 p.m.—Daily Reologue
9 to 9:30 p.m.—Tommy Monroe and Bob Allen
9:30 to 10 p.m.—Aeolian Trio and KPO Carolers
10 to 11 p.m.—Spotlight Revue, NBC
11 to 11:02 p.m.—Kozak Radiogram
11:02 to 12 midnight—"The Trocaderans," NBC

265.3 Meters **KSL** Channel 113 1130 Kcys. 5000 Watts Radio Service Corp., Salt Lake City, Utah

6 p.m.—Clicquot Club Eskimos, NBC 7 p.m.—Eadio Keith-Orpheum, NBC 7 p.m.—Utah Instrumental Quartet 8:30 p.m.—Variety program 9 p.m.—Studio program 10 p.m.—"Amos 'n' Andy" 10:15 p.m.—Dance music

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

7:55 a.m.—Inspirational services 8 a.m.—Shell Happy Time 9 a.m.—Concert trio; Dorothea Wei, contralto 10:15 a.m.—'What to Prepare for Dinner' 10:30 a.m.—Women's Magazine of the Air, NBC 11:30 a.m.—So-A-Tone broadcast 11:45 a.m.—Orchestra; Art Lindsay; Bob Vier-

ling

1 p.m.—Orchestra; Greenwood Mitchell, baritone, and Dorothea Wei 2 p.m.—Wanderers, NBC 3 p.m.—Orchestra; Greenwood Mitchell and

Dorothea Wei
4:05 p.m.—Mining stock quotations
4:15 p.m.—Kiddies' program
4:30 p.m.—Art Lindsay, tenor; Zita Dillon,

pianist 4:45 p.m.--Stock and bond quotations

4:49 p.m.—Stock and bond quotations
5 p.m.—Eveready Hour, NBC
6 p.m.—Clicquot Club Eskimos, NBC
6:30 p.m.—C. A. Earl Orchestradians, NBC
7 p.m.—Orchestra; James Harvey and Walter

Reseburg

Reseburg

8 p.m.—Tales Never Told, NBC

9 p.m.—Cheasty's Swimming Talks

9:15 p.m.—News Flashes

9:30 p.m.—Orchestra; Charles Stey. tenor

10:30 p.m.—Gyrators; Helen McColl, blues; Jas.

Harvey, tenor, and Walter Reseburg, baritone

11:30 to 12:30 a.m.—Theatre organ recital

Channel 55

TUESDAY Programs

KLX 340.7 Meters 880 Kcvs.

Channel 88 500 Watts

Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises; N. Y. stocks 8 to 9 a.m.—Jean Kent 9 to 9:30 a.m.—Modern Homes period 9 to 9:30 a.m.—Modern Homes period 9:30 to 10:15 a.m.—Health questions 10:15 to 10:30 a.m.—Stocks, weather 10:30 to 11 a.m.—Recordings 11 to 12 noon—Classified adv. hour 12 to 1 p.m.—Machado's KLX Hawaiians 1 to 2 p.m.—Jean's Hi-Lights 2 to 2:30 p.m.—Recordings 2:30 to 4:30 p.m.—Reseball broadcast 4:30 to 5:30 p.m.—Reseball broadcast 4:30 to 5:30 p.m.—Cressy Ferra, pianist 6 to 7 p.m.—Hotel Oakland concert trio 7 to 7:30 a.m.—News broadcast 7:30 to 8 p.m.—Edna Fisher 8 to 9 p.m.—Ledna Fisher 9 p.m.—Ledna Fisher 8 to 9 p.m.—Ledna Fisher 9 p.m.—Ledna 9 p.m 8 to 9 p.m.—Lynn Pryor's dance orchestra 9 to 10 p.m.—Helen Wegman Parmelee, pianist; Jeanne Rabinowitz, soprano, and M. Jay Goodman, tenor

508.2 Meters Channel 59 KHO 1000 Watts 590 Kcys. Louis Wasmer, Inc., Spokane, Washington

10 to 11 p.m.-Fleur de Lis dance orchestra

7 to 7:30 a.m.—Sunrise Pep Period 7:30 to 8 a.m.—Model Musical Klock 8 to 9 a.m.-Shell Happy Time 9 to 10 a.m.-Home Economics 9 to 10 a.m.—Home Economics
10 to 10:30 a.m.—Home hints, recipes
10:30 to 11:30 a.m.—Magazine of the Air, NBC
11:30 to 12 noon—Farmers' Service Hour
12 to 1 p.m.—Chamber of Commerce luncheon
1 to 1:30 p.m.—Copeland Musical Review
1:30 to 1:45 p.m.—Miss Modern Shops a la Mode
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—The Wanderers, NBC
2 to 3 p.m.—Studio program 3 to 3:30 p.m.—Studio program
3:30 to 4 p.m.—"Paint o' Mine" period 3:30 to 4 p.m.—"Paint o' Mine" period
4 to 5 p.m.—Studio program
5 to 6 p.m.—Studio program
6 to 6:30 p.m.—Clicquot Chib Eskinios, NBC
6:30 to 7 p.m.—C. A. Earl Orchestradians, NBC
7 to 8 p.m.—Davenport Hotel Dance Orch.
8 to 9 p.m.—Tales Never Told, NBC
9 to 9:30 p.m.—Medical Center Melodies
9:30 to 9:45 p.m.—Studio program
9:45 to 10 p.m.—Sprague Ave. Investment Co.
10 to 10:15 p.m.—Amos 'n' Andy
10:15 to 11 p.m.—Spotlight Review, NBC
11 to 12 midnight—The Trocaderans, NBC

Channel 60 499.7 Meters KFSD 1000 Watts 600 Kcys. Airfan Radio Corp., San Diego, Calif.

9 to 10 a.m.-Morning musical 9 to 10 a.m.—Morning musical
10 to 11 a.m.—Amy Lou
11 to 12:30 p.m.—Service Hour
2:30 to 3:30 p.m.—Baboa Park organ recital
5 to 6 p.m.—Nightly Musical Review
6 'o 6:15 p.m.—News items
6:15 to 7 p.m.—Therese Shrage, soprano
7 to 8 p.m.—Trio with John Wells, haritone
8 to 9 p.m.—Czecho-Slovakian program
9 to 10 p.m.—Sunshine Hawaiians; Esther Cartwright, blues
10 to 11 p.m.—Ratliff's Dancing Academy 10 to 11 p.m.-Ratliff's Dancing Academy

KTAB Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Kelley Kar Eye Openers

8 to 9 a.m.—Ray Raymond's Tabloids

9 to 9:30 a.m.—Morning prayer

9:30 to 10 a.m.—Dr. J. Douglas Thompson

10 to 10:30 a.m.—Cal King's Country Store

10:30 to 11 a.m.—Popular recordings

11 to 11:15 a.m.—Fanchon's Style Chats

11:15 to 12 noon—Chasing the Blues

12 to 1 p.m.—George Otto's Hawalians

1 to 1:30 p.m.—Chapel of the Chimes

1:30 to 2 p.m.—Chapel of the Chimes

1:30 to 2 p.m.—Chaps of the Chimes

1:30 to 2 p.m.—Chaps of the Companist

3 to 4 p.m.—Salon Orchestra

4 to 5 p.m.—Home Towners

5 to 6 p.m.—Brother Bob's Frolic

6 to 6:30 p.m.—Home Towners

5 to 6 p.m.—Brother Bob's Frolic

6 to 6:30 p.m.—Don's Half Hour

7 to 7:30 p.m.—Piano recital hy Walter Rudolph

7:30 to 8 p.m.—Piano recital hy Walter Rudolph

7:30 to 8 p.m.—Larle Caldwell

8 to 9 p.m.—Lullaby Lane with Joan Ray

9 to 10 p.m.—Pickwickians Dance Orchestra

10 to 11 p.m.—Arthur Shaw, organist; Jane

Sands and Octo Lindquist

11 to 1 a.m.—Nite Owls 500 Watts 550 Kcys.

11 to 1 a.m.-Nite Owls

545.1 Meters

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

5 to 6 p.m.—Studio program 6 to 6:30 p.m.—Clicquot Club Eskimos, NBC 6:30 to 7 p.m.—Earl Orchestradians, NBC

7 to 8 p.m.—Studio program 8 to 9 p.m.—Hotel Manger Orchestra, NBC 9 to 9:15 p.m.—Capt. Edward A. Sallsbury 9:15 to 9:30 p.m.—News of the World

232.6 Meters KDYL Channel 129 1290 Kcvs. 1000 Watts Intermountain Broad. Corp., Salt Lake City

p.m.—Paul Whiteman's band, CBS p.m.—"Voice of Columbia," CBS 6 p.m.—"Voice of Columbia," CBS
7 p.m.—Favorite entertainers
8 p.m.—Popular ar ists
9 p.m.—American Philharmonic Orch., ABC
10 p.m.—Varsity Quartet and Orchestra, ABC
10:30 p.m.—Singing Strings, ABC
11 p.m.—Vic Meyers' orchestra; Murray and
Harris, ABC

230.6 Meters **KGEF** Channel 130 1000 Watts 1300 Kcys. Trinity Methodist Church, Los Angeles, Cal.

6 n.m.—Yette Barber Studio 7 p.m.—Borroad M. Schotton Polys Polyson M. P. Sanda Grace Hillman 7 p.m.—Earl Wilde 7:20 p.m.—Blankenship Hawaiians 7:40 p.m.—Mozart Johnson 8 p.m.—Roy Shuler's Question Hour

9 p.m.—Raymond N. Schouten, piano recital 9:30 p.m.—So Park Christian Church Bereans 10:30 p.m.—Hired Man

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

8 to 8:15 a.m.-Uncle Harry's Bible story 9:45 to 10:35 a.m.—Lecture 10:35 to 11 a.m.—Musical program 11 to 12 noon—Rev. John C. Page, D. D.
12 to 12:15 p.m.—Chimes and Scripture reading
1 to 1:15 p.m.—Music
1:15 to 2 p.m.—Rible question hox
2 to 2:20 p.m.—Bribe question hox 2 to 2:30 p.m.-Dr. Frazer Langford

239.9 Meters 1250 Kcvs.

KFOX

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

7 to 7:30 a.m.—Hello Everybody 7:30 to 8 a.m.—Joe and Chloe 8 to 8:15 a.m.—Records

8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Novelty program 9:20 to 9:30 a.m.—Organ recital 9:30 to 9:50 a.m.—Hawaiian program

9:50 to 10 a.m.—Novelty songs 10 to 10:10 a.m.—Spanish program

10 to 10:10 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 10:50 a.m.—Organ recital
10:50 to 11:30 a.m.—Records; beauty talk
11:30 to 12 noon—Musical numbers; news
12 to 12:30 p.m.—Organ recital, Roy L. Medcalfe
12:30 to 1 p.m.—Helene Smith, pianist
1 to 1:30 p.m.—Kiwanis Club luncheon
1:30 to 2:15 p.m.—Health talk; quartet
2:15 to 2:30 p.m.—Doris and Clarence
2:30 to 4 p.m.—Long Beach Band
4 to 4:20 p.m.—News report

2:30 to 4 p.m.—News report 4:20 to 5 p.m.—Old time dance music 5 to 6 p.m.—Organ recital, Roy Medcalfe

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.—Ambassador Concert Orchestra 7:30 to 8 p.m.—Breakers Hotel Orchestra 8 to 9 p.m.—Old Time Fiddlers and Golden

State Orchestra

9 to 9:30 p.m.—Ambassador Hotel Orch. and Crosley entertainers

9:30 to 10:30 p.m.—Fights from Olympic Auditorium, KFWB

10:30 to 11 p.m.-Charlie Joslyn's orchestra 11 to 1 a.m.-Dorado Club, Four Red Coats

333.1 Meters KHJ 900 Kcys.

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

to 7:30 a.m.-Physical culture period

7:30 to 8 a.m.—Recordings 8 to 9 a.m.—"Early Birds"

8 to 9 a.m.—Early pures 9 to 10:15 a.m.—Recordings 10:15 to 11:15 a.m.—A. White, "At Our House" 11:15 to 12 noon—Studio program 12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra

chestra

12:30 to 12:45 p.m.—World-wide news

12:45 to 1:30 p.m.—Advertising Club luncheon

1:30 to 2 p.m.—Charlle Wellman's requests

2 to 2:30 p.m.—U. S. C. "Trojan" period

2:30 to 2:45 p.m.—Studio program

2:45 to 3 p.m.—National Percolator Company

3 to 3:15 p.m.—Safety conference

3:15 to 3:30 p.m.—Auto. Club of So. California

3:30 to 3:45 p.m.—Midnight Mission period

3:45 to 4 p.m.—Dr. Frank McCoy

4 to 5 p.m.—Matinee Melody Masters

5 to 5:30 p.m.—The Story Man

5:30 to 6 p.m.—"Up from the Earth"

6 to 6:45 p.m.—Orchestra and singers

6:45 to 7 p.m.—World-wide news

7 to 7:30 p.m.—Raybestos program from KFRC

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

phev 8 to 8:15 p.m.—Studio program 8:15 to 10:30 p.m.—Symphony orchestra from KFRC

10:30 to 12 midnight-Biltmore Hotel dance orchestra.

12 to 1 a.m.-Wesley Tourtellotte, organist

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

7 a.m.—S. & W. health exercises 8 a.m.—Shell Happy Time from KPO 9 a.m.—Bess Kilmer's Helpful Hints 10:30 a.m.—Women's Magazine of the Air, NBC

12 noon-Dept. of Agriculture talks

12:15 p.m.-Federal and state market reports 2 p.m.—Leon Archer 2:15 p.m.—Winnie Fields Moore 2:30 p.m.—Idell Moye, Hazel Shively and Elea-

nor Maegle

4:25 p.m.—Better Business Bureau talks 4:30 p.m.—Big Brother 4:55 p.m.—World Book Man 3:30 p.m.—Gene Johnston, Buddy Va Buddy Valentine, Leonard Van Berg and Happy Chaps Quartet

5 p. m.—Studio program
6 p. m.—Clicquot Club Eskimos, NBC
6:30 p.m.—Earl Orchestradians, NBC

7 p.m.—Studio program
8 p.m.—Paul Roberts and the Schonberger Trio 9 p.m.—Packard Concert Orch., Pryor Moore, dir. 10 p.m.—Spotlight Review, NBC

280.2 Meters **KJBS** 1070 Kcvs.

Channel 107 100 Watts

J. Brunton & Sons, San Francisco, Calif. to 8 a.m.-Early Bird Hour

8 to 8:30 a.m.—Chrysler program 8:30 to 9:30 a.m.—Instrumental recordings 9:30 to 10 a.m.—American tunes

10 to 10:45 a.m.—Pacific Nash program 11 to 11:30 a.m.—Hot'n Kold melodies

11 to 11:30 a.m.—Hot'n Kold melodies
11:30 to 1 p.m.—Record varieties
1 to 1:30 p.m.—Record varieties
1 to 1:30 p.m.—Record program
3 to 4 p.m.—Vocal records
4 to 4:30 p.m.—Packard half hour
4:30 to 5 p.m.—Recorded organ music
5 to 5:30 p.m.—Ben Lipston and Jerry McMillan
5:30 to 6 p.m.—Record program
6 to 6:30 p.m.—Fred McKinley and Bob Close
6:30 to 7:30 p.m.—Popular records

296.6 Meters KOW 1010 Kcys.

Channel 101 500 Watts First Baptist Church, San Jose, California

10 to 11 a.m.-Helpful Hour 11 to 11:30 a.m.—Salinas program 11:30 to 12 noon—Los Gatos program

11:30 to 12 non-tais Galos program
12 to 12:30 p.m.—Capitola program
12:30 to 1 p.m.—Market reports and weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program

to 5:20 p.m.—Children's program

2:30 to 3:30 p.m.—Musical program
5 to 5:30 p.m.—Children's program
5:30 to 5:45 p.m.—Chas. C. Navlet program
5:45 to 6 p.m.—Franco's program
6 to 6:10 n.m.—U. S. D. A. farm flashes
6:10 to 6:30 p.m.—Crop Digest
6:30 to 6:50 p.m.—Weather and market reports
6:50 to 7 p.m.—Farmers Exchange
7 to 8 p.m.—Farm Bureau evening news
8 to 9:30 p.m.—"You Never Can Tell" program
9:30 to 11 p.m.—Musical program

422.3 Meters **KFVD** 710 Kcys.

Channel 71

Auburn Fuller, Culver City, California

n.m.-Dr Doroch, diet anestion box 8:30 p.m.-Good Humor Orchestra 9:30 p.m.—Yale Orchestra
9:30 p.m.—El Dorado Orchestra
10 p.m.—Tommy Swift's Orchestra

11 to 1 a.m.—Sebastian's Cotton Club Orchestra

WEDNESDAY Programs

July 3, 1929









"Jack" NBC-8 p.m.

"Ethyl" NBC-8 p.m.

"Sally" ABC-7 p.m.

"Cecil" ABC-7 p.m.

Channel 55 KTAB 545.1 Meters 500 Watts 550 Kcys.

pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Kelley Kar Eye Openers

8 to 9 a.m.—Ray Raymond's Tablolds

9 to 9:30 a.m.—Morning prayer

9:30 to 10 a.m.—Popular record releases

10 to 10:15 a.m.—Popular record releases

11 to 11:15 a.m.—Fanchon's Style Chats

11:15 to 12 noon—Chasing the Blues

12 to 1 p.m.—Recordings

1 to 1:30 p.m.—Chapel of Chimes

1:30 to 2 p.m.—Bible talk, Dr. Tindall

2 to 3 p.m.—Organ and soloists 1:30 to 2 p.m.—Bible talk, Dr. Tindall 2 to 3 p.m.—Organ and soloists 3 to 4 p.m.—KTAB Salon Orchestra 4 to 5 p.m.—Home Towners 5 to 6 p.m.—Brother Bob's Frolic 6 to 6:30 p.m.—Don's Half Hour 6:30 to 7 p.m.—Twilight Hour 7 to 7:15 p.m.—Twilight Hour 7 to 7:15 p.m.—Finance talk, Harry W. Sock 7:15 to 8 p.m.—Recordings 8 to 8:30 p.m.—Carl Tobin; Studio Trio 9 to 10 p.m.—Orchestra directed by Walter Rudolph dolph 10 to 10:30 p.m.—Recital program 10:30 to 11 p.m.—Pickwick Aviators

11 to 1 a.m.-Nite Owls Channel 107 **KJBS** 280.2 Meters 100 Watts

1070 Kcvs. J. Brunton & Sons, San Francisco, Calif. 7 to 8 a.m.—Early Bird Hour 8 to 8:30 a.m.—Chrysler program 9 to 10 a.m.—Orthophonic recordings 10 to 10:30 a.m.—Pacific Nash program 10:30 to 11 a.m.—Cressy Ferra, jazz planist 11 to 12 noon—Instrumental recordings 12 to 1 p.m.—Variety record program 12 to 1 p.m.—Variety record program
1 to 1:45 p.m.—Raymond Melodists
1:45 to 2 p.m.—Dr. Wiseman, health talk
2 to 2:30 p.m.—Concert records
2:30 to 3 p.m.—Hot'n Kold melodies
3 to 3:30 p.m.—Mahra, "Radioland's Psychic"
3:30 to 4 p.m.—Popular recordings
4 to 4:30 p.m.—Packard half hour
4:30 to 5 p.m.—Art Fadden, pianist
5 to 5:30 p.m.—Arerican tunes
5:30 to 6:30 p.m.—Dance selections 5:30 to 6:30 p.m.—Dance selections 6:30 to 7:30 p.m.—Concert records

340.7 Meters KLX Channel 88 500 Watts 880 Kcvs.

Tribune Publishing Co., Oakland, Calif. 7 to 8 a.m.—Exercises; N. Y. stocks 8 to 9 a.m.—Jean Kent 9 to 9:30 a.m.-Modern Homes period 9 to 9:30 a.m.—Modern Homes period 9:30 to 10:15 a.m.—Recordings 10:15 to 10:30 a.m.—Stocks, weather 10:30 to 10:50 a.m.—Belco talk 11 to 12 noon—Classified adv. hour 12 to 1 p.m.—Machado's KLX Hawaiians 1 to 2 p.m.—Jean's Hi-Lights 2 to 2:30 p.m.—Recordings 2:30 to 4:30 p.m.—Beseball broadcast 4:30 to 5:30 p.m.—Recordings 5:30 to 6 p.m.—Cressy Ferra, planist 4:30 to 5:30 p.m.—Recordings
5:30 tr 6 p.m.—Cressy Ferra, planist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer, planist
8 to 9 p.m.—Educational hour—world news by
Ad Schuster; music talk by Roy Harrison
Danforth; book reviews by The Bookworm;
commercial law talk by Attorney Milton W.
Dobrzensky, and plano solos by Helen Wegman Parmelee 9 to 10 p.m.—Helen Wegman Parmelee, pianist; Nellie Clark Alsing, soprano, and Maybelle Morrison, violinist

315.6 Meters **KFWB** Channel 95 1000 Watts 950 Kcvs.

Warner Brothers, Hollywood, California

8 a.m.-The Breakfast Club 10 a.m.—Harmony Hour 11:15 a.m.—Chats with Merion 12:30 p.m.—Housekeepers' Chat 12:45 p.m.—Air Journal 2:10 p.m.—Coast League baseball game 4:30 p.m.—Radio Travel Tales p.m.—Radio Travel Tales
p.m.—Radio Review
p.m.—Kolster Radio program, CBS
some—Harry Jackson's entertainers
p.m.—Tom Mitchell
p.m.—Ray Balley's Sextet
p.m.—Dally news 1:40 p.m.—Dany news

8 p.m.—Dance orchestra; Ann Grey, songs

9 p.m.—Vicenzo Pometti's orchestra; Emma
Kimmel, soprano

10 p.m.—Irving Aaronson and his Commanders

11 to 12 midnight—Roy Fox' Orchestra

WEDNESDAY Programs

NBC

National Broadcasting Company

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

Magnolia has her new "position" in Col. Bennett's home and, through the Oronite fea-

ture, she is heard with her colored companions in a few minutes of comedy.

Helen Webster will describe "the different little house across the street." The dining The dining room will be featured and Miss Webster will reveal the activities of the young people who made their bungalow "the different one." Instrumental and vocal music will complete

the hour. Broadcast through KHQ, KOMO, KGW,

Broadcast through Krig, KOMO, KOW,
KGO, KPO and KFI.

12 to 1 p.m.—Pacific Vagabonds
Max Dolin will direct the orchestra in a
program of favorite melodies through KOMO

3 to 4 p.m.—The Cabin Door
The NBC artists heard during this hour are Clarence Hayes, tenor; Phyllis Campbell, contralto; Johnny O'Brien, who plays the harmonica; Walter Beban as "Walter" and director of "The Cabin Door" orchestra and Mart Grauenhorst, banjoist
Broadcast through KHQ, KOMO and KGO.
5:30 p.m.—Land o' Health
These child nutrition programs are broadcast through KGO, KPO and KFI.

5:30 to 6:30 p.m.—Palmolive Hour
Two famous operatic selections and a variety of lighter melodies are listed on the program for the Palmolive Hour, to be broadcast.
Paul Oliver, tenor; Elizabeth Lennox, contraito; the Revelers and an orchestra conducted by Gustave Haenschen will be heard.
Broadcast through KHQ, KOMO, KGW, KGO, KPO and KFI.

Broadcast through
KGO, KPO and KFI.
6:30 to 7 p.m.—Stromberg-Carlson program
The 18-piece concert orchestra will be under
Victor Wagner's direction.
Broadcast through KHQ, KOMO, KGW,

7:30 to 8 p.m.—NBC Balalaika Orchestra
The NBC Balalaika Orchestra, with Gregory
Golubeff as conductor and announcer, will
present a half-hour program of music through
KHQ and KOMO.

8 to 8:30 p.m.—"Roads to Romance"

To the sloop Decatur which steamed into Puget Sound in 1855 Seattle owes a great debt, Jack and Ethyl will learn when the "Roads to Romance" program is broadcast.

Shattering the morale of the hostile Washington Indians and extractioning the winds.

Shattering the morale of the hostile Washington Indians and strengthening the faith of the hardy pioneers, the vessel saved the inhabitants of Seattle from massacre and settled for all time the supremacy of the "whites." This last battle will be dramatized during tonight's appearance of the Associated Motor Mates before the microphone. They will greet their radio audience from Seattle. Broadcast through KHQ, KOMO, KGW, KGO. KPO and KFI. KGO, KPO and KFI.

8:30 to 9 p.m.—The Hill Billy Boys NBC system stations offer a half hour of mountain folk songs when Charles Marshall, Ben McLaughlin, Virgil Ward and Johnny O'Brien are on the air.

Johnny has some novel interpretations on his harmonica and Marshall's guitar accom-

panies the quartet in a series of Hill Billy songs

Broadcast through KHQ and KPO.
to 11 p.m.—Cotton Blossom Minstrels
With a special group of colored singers, the
Cotton Blossom Minstrels will entertain NBC system station auditors tonight.

Barry Hopkins is interlocutor during the minstrel hour, and, beside the Southern Harmony Four, there are Captain "Bill" Royle, Harold Peary, Clarence Hayes and Jerry and his Dixie Melodists. Sylvano Dale, tap dancer, has a new novelty with the bones.

Broadcast through KHQ, KFI and KSL.

11 to 12 midnight—Dance music by the Trocaderans will be broadcast through KPO.

333.1 Meters 900 Kcvs.

1000 Watts

Don Lee, Inc., Los Angeles, California

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

9:30 to 9:30 a.m.—Recordings 9:30 to 9:45 a.m.—National Percolator Company 9:45 to 10:15 a.m.—A. White, "At Our House" 11:15 to 11:30 a.m.—Klein's Harmonica Trio 11:30 to 12 noon—Studio program 12 to 12:20 p.m.—Ritmore Untel Concept Or

12 to 12:30 p.m.—Biltmore Hotel Concert Orchestra

12:30 to 12:45 p.m.—World-wide news 12:45 to 1:30 p.m.—Optimist Club luncheon

12:4b to 1:30 p.m.—Optimist Club luncheon 1:30 to 2 p.m.—Charlie Wellman's requests 2 to 2:30 p.m.—Studio program 2:30 to 3 p.m.—L. A. Public Library talk 3 to 4 p.m.—Fred C. McNabb, "Gardens" 4 to 5 p.m.—Matinee Melody Masters 5 to 5:30 p.m.—The Story Man 5:30 to 6 p.m.—"Up from the Earth" 6 to 6:45 p.m.—Ophestra pand singers.

6 to 6:45 p.m.—Orchestra and singers from

KFRC 6:45 to 7 p.m.-World-wide news

7 to 7:30 p.m.—Don Lee Symphony 7:30 to 8 p.m.—Pelton Motor Co. program 9 to 10 p.m.—Howard Auto program from KFRC 9 to 10 p.m.—Savings and Loan Co. program 10 to 12 midnight—Biltmore Hotel Dance Or-

12 to 1 a.m.—Organ recital; Showboat Trio

285.5 Meters KNX 1050 Kcys.

Channel 105 5000 Watts

L. A. Evening Express, Los Angeles, Calif.

6:45 to 8 a.m.—Health exercises

6:45 to 8 a.m.—Health exercises
8:45 to 9 a.m.—Musical program
9 to 9:30 a.m.—Talk on health and beauty
9:30 to 10 a.m.—Radio shopping news
10 to 10:30 a.m.—Town Crier's morning message
10:30 to 11 a.m.—Household Economics
12 to 12:30 p.m.—Musical program
1 to 1:30 p.m.—Beauty talk
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
2 to 2:30 p.m.—Courtesy program
3 to 3:30 p.m.—C. P. R's musical program
4 to 4:15 p.m.—Stock market reports
4:25 to 4:30 p.m.—Dr. Wesley M. Barrett
5:15 to 5:45 p.m.—'Own Your Own Home''
5:45 to 6:30 p.m.—Timely amusement tips
6 to 6:30 p.m.—Playgoers' Club
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 7:30 p.m.—Radio skit, enacted by Georgia
Fifield and Eddie Albright
7:30 to 8 p.m.—Feature program
8 to 8:30 p.m.—Bert Butterworth and his Airdales
8:30 to 10 p.m.—Feature program dales

8:30 to 10 p.m.—Feature program 10 to 12 midnight—Gus Arnheim and his Cocoa-

nut Grove Orchestra 12 to 1 a.m.—Dorado Club Silver Fizz dance hour

ABC

WEDNESDAY Programs

ABC

American Broadcasting Company

A—KJR, KEX, KGA, KYA, KDYL, KLZ B—KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ C—KJR, KEX, KGA, KYA, KMTR D—KJR, KEX, KGA E—KJR, KEX, KGA

7 to 8 a.m.—Vim, Vigor, Vitality—C 8:05 to 8:35 a.m.—Georgie O. George—D 8 to 9 a.m.-Golden Hour Orchestra-A 9 to 9:30 a.m.—Better Homes Half Hour—A 9:30 to 9:45 a.m.—Novelty program—A 9:45 to 10 a.m.—Devotional service—A 13:45 to 10 a.m.—Devotional service—A
10 to 11 a.m.—American Popular Orchestra—A
11 to 12 noon—Olympic Rangers' Orchestra with
Anthony Euwer at 11:30—E
12 to 12:15 p.m.—World in Review—E
12:15 to 12:30 p.m.—Vignettes Modernes—A
12:30 to 1:30 p.m.—American Salon Orchestra,
with Pordin Porton solviet with Perdin Korsmo, soloist—A

1:30 to 2 p.m.—Song recital, Agatha Turley and
Sydney Dixon—A

2 to 3 p.m.—American Artistic Ensemble—A 3 to 4 p.m.—American Salon Orchestra v Alice Prindle and G. Donald Gray—E 4 to 5 p.m.—Song Recital—E

6 to 6:30 p.m.-Kolster Radio Hour, CBS from New York—B plus KFWB 6:30 to 7 p.m.—Composers' Hour, Pacific Salon

Orchestra—C

Orchestra—C
7 to 7:15 p.m.—Cecil and Sally—C
7:15 to 7:30 p.m.—Pacific Trio—C
7:30 to 8 p.m.—Six Best Steppers, Rhythm Aces
with Jack Dean—B
8 to 9 p.m.—Over Land and Sea, Pacific Salon

Orchestra, Liborius Hauptmann, director—B 9 to 9:30 p.m.—John and Ned, with Metro and

Cosmo—B 9:30 to 10 p.m.—Stoll's Capers with Rhythm Aces-B

10 to 11 p.m.-Sleepy Time, Pacific Salon Orchestra-B

11 to 12 midnight—Rhythm Aces, Georgie Stoll, director, with Helen Troy and Yvonne Peter-

508.2 Meters KHO Channel 59 1000 Watts Louis Wasmer, Inc., Spokane, Washington

7:30 to 8 a.m.-Kronenberg's program 8 to 9 a.m.—The Shell Happy 9 to 9:15 a.m.-Musical recordings 9:30 to 10:30 a.m.—Home hints, recipes, etc. 10:30 to 11:30 a.m.—Magazine of the Air, NBC 11:30 to 12 noon—Farmers' Service Hour 11:30 to 12 noon—Farmers' Service Hour
12 to 1 p.m.—Lewiston Idaho program
2:45 to 3 p.m.—Jones Musical Headlines
3 to 4 p.m.—Cabin Door, NBC
4 to 4:30 p.m.—Varieties Hour
4:30 to 5:30 p.m.—Triodian String Ensemble
5:30 to 6:30 p.m.—Palmolive Hour, NBC
6:30 to 7 p.m.—Stromberg-Carlson, NBC
7 to 7:30 p.m.—Musical program
7:30 to 8 p.m.—Balalaika Orchestra, NBC
8 to 8:30 p.m.—Roads to Romance, NBC
8:10 9:30 to 9:45 p.m.—Threads of Thought
9:30 to 9:45 p.m.—Threads of Thought 9:30 to 9:45 p.m.—Studio program 9:45 to 10 p.m.—Alice in Launderland 10 to 10:15 p.m.—Amos 'n' Andy 10:15 to 11 p.m.—Cotton Blossom Minstrels, NBC

243.8 Meters **KYA** Channel 123 1230 Kcys. 1000 Watts Pacific Broadcasting Corp., San Francisco

9:30 to 9:45 a.m.—Eaton and Robillard, A 9:45 to 10 a.m.—Devotional service, ABC 10 to 11 a.m.—American Popular Orch, 10 to 11 a.m.—American Popular Orch., ABC 11 to 12 noon—California Sunshine Hour 12 to 12:15 p.m.—News items 12:15 to 12:30 p.m.—Vignettes Moderne, ABC 12:30 to 1:30 p.m.—American Salon Orch., ABC 1:30 to 2 p.m.—American Salon Orch., ABC 1:30 to 2 p.m.—Artistic Ensemble, ABC 2 to 2:45 p.m.—Artistic Ensemble, ABC 2:45 to 5 p.m.—Baseball for Kelly Kar Co. 5 to 5:45 p.m.—News, Cryer and trio 5:45 to 6 p.m.—Judge Matthew Brady 6 to 6:30 p.m.—Kolster program, CBS 6:30 to 7 p.m.—Pacific Salon Orchestra, ABC 7 to 7:15 p.m.—Cecil and Sally, ABC 7:15 to 7:30 p.m.—Pacific Trio, ABC 7:30 to 8 p.m.—Rhythm Aces with Jack Dean, ABC ABC 8 to 9 p.m.—Over Land and Sea, ABC 9 to 9:30 p.m.—Metro and Cosmo, with John and Ned, ABC and Ned, ABC 9:30 to 10 p.m.—Stoll's Capers, ABC 10 to 11 p.m.—Sleepy Time, ABC 11 to 12 midnight—Rhythm Aces, Georgie Stoll directing; Yvonne Petersen and Helen Troy,

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

7 a.m.—S. & W. health exercises 8 a.m.—Shell Happy Time from KPO 9 a.m.—Bess Kilmer's Helpful Hints 10:30 a.m.—Woman's Magazine of the Air, NBC 11:30 a.m.—Gertrude Gusselle, ballads 12 noon—Dent. of Agriculture talks
12:10 p.m.—Federal and State market reports
12:15 p.m.—Talk from the Sheriff's Office
2 p.m.—Leon Archer 2 p.m.—Leon Archer 2:15 p.m.—Winnie Fields Moore 2:30 p.m.—I. A. Fire Department Orchestra 2:45 p.m.—Three Skinpers 3:30 p.m.—Ruth Haddock, contralto 4 p.m.-Hugo Escobar, Spanish lesson 4:15 p.m.—"Human Nature Around the World" 4:30 p.m.—Big Brother 4:55 p.m.—World Book Man 5 p.m.—Land-O-Health, NBC 5:30 p.m.—Palmolive Hour, NBC 6:30 p.m.—Stromherg Carlson, NBC 7 p.m.—Variety Hour 8 p.m.—Roads to Romance, NBC 8:30 p.m.—Studio program 9 p.m.-Los Angeles Steamship program 10 p.m.-Cotton Blossom Minstrels, NBC

265.3 Meters Channel 113 1130 Kcys. 5000 Watts Radio Service Corp., Salt Lake City, Utah

5:30 p.m.—Palmolive Hour, NBC 6:30 p.m.—Stromberg Carlson, NBC 7 p.m.—Studio symphony 7:30 p.m.—"The Senator of Sandpit County," Florence Russey and others 8 p.m.—"The Romance of Gems"

8:15 p.m.—Studio program 8:30 p.m.—Albert Shepherd and his Little Sym-

phony Orchestra p.m.—Miniature concert

10 p.m .- "Cotton Blosson Minstrels," NBC

WEDNESDAY Programs

440.9 Meters KPO Channel 68 680 Kcys. 5000 Watts Hale Bros. & The Chronicle, San Francisco 7 to 7:45 a.m.—S. & W. health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock, KPO and KFI 8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock 9:30 to 10 a.m.—Dobbsie's Daily Chat; Lou Foote's Orchestra 10 to 10:05 a.m.-Bank of America of California 10:30 to 11:30 a.m.—Magazine of the Air, NBC 12 to 12:05 p.m.—Scripture reading; announcements 12:05 to 12:55 p.m.—Aeolian Trio 12:55 to 12:35 p.m.—Aeonan Tho 12:55 to 1 p.m.—Stock market quotations 1 to 1:30 p.m.—Jerry Jermaine for Hales 1:30 to 2 p.m.—Ann Warner's Home Chats 2 to 2:30 p.m.—House of Dreams, Paul Pitman 2:30 to 2:43 p.m.—Ye Towne Cryer 2:43 to 2:45 p.m.—Kozak Radiogram

2:43 to 2:45 p.m.—Rozak Radiogram 2:45 to 4:30 p.m.—Baseball broadcast 4:30 to 4:40 p.m.—S'ock market quotations 4:40 to 5 p.m.—Children's Hour 5 to 5:30 p.m.—Land-O-Health, NBC 5:30 to 6:30 p.m.-Palmolive, NBC

6:30 to 7 p.m.-Stromberg-Carlson, NBC 7 to 8 p.m.-Daily Reologue, featuring the Reo

Masters of Music

8 to 8:30 p.m.—"Jack and Ethyl," NBC

8:30 to 9 p.m.—Hill Rillys, NRC

9 to 9:30 p.m.—William Powers and Aeolian Trio

9:30 to 10 p.m.—Tommy Monroe and Bob Allen 10 to 11 p.m.—Jesse Stafford's Dance Orchestra 11 to 11:02 p.m.—Kozak Radiogram 11:02 to 12 midnight—The Trocaderans, NBC

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

7:55 a.m.—Inspirational services 8 a.m.—Shell Happy Time

8 a.m.—Sneil Happy Time
9 a.m.—Theatre organ recital
10 a.m.—Health exercises
10:15 a.m.—What to Prepare for Dinner"
10:30 a.m.—Women's Magazine of the Air, NBC
11:30 a.m.—Art Lindsay, tenor; "Jim and Bob," duo

11:45 a.m.—So-A-Tone broadcast 12 noon—Pacific Vagabonds, NBC 1 p.m.—Orchestra; Madelin Dvorak and Dorothea Wei. duets 2 p.m.—Orchestra; "Nip and Tuck" Greenwood Mitchell

3 p.m.—Cabin Door, NBC
4 p.m.—Concert orchestra
4:05 p.m.—Mining stock quotations
4:15 p.m.—Orchestra; Madelin Dvoral; and Dor-

othea Wei. duets 4:45 p.m.—Stock and bond quotations 5 p.m.—Orchestra with Greenwood

baritone

baritone
5:30 p.m.—Palmolive Hour, NBC
6:30 p.m.—Stromberg-Carlson program, NBC
7 p.m.—Orchestra: James Harvev, tenor
7:30 p.m.—Balalaika Orchestra. NBC
8 p.m.—Roads to Romance, NBC
8:30 p.m.—So-A-Tone broadcast
9 p.m.—Orchestra: Alice Maclean, soprano
9:45 p.m.—News Flashes
10 p.m.—Fisher's Blend Hour
11 p.m.—Varsity Serenaders; James Harvey and
Walter Reseburg

Walter Reseburg 11:30 to 12:30 a.m.—Theatre organ recital

491.5 Meters **KFRC** 610 Kcvs.

Channel 61 1000 Watts

Don Lee, Inc., San Francisco, Calif.

Don Lee, Inc., San Francisco, Calif.

7 to 8 a.m.—Simpy Fitts

8 to 8:05 a.m.—'Yir Frien' Scotty''

8:05 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.—Domestic science talk

11:30 to 11:45 a.m.—'Voices of Filmland''

11:45 to 12 noon—Amateur auditions

12 to 1 p.m.—Sherman-Clay concert

3 to 3:30 p.m.—'Observer' about new books

3:30 to 3:35 p.m.—Something About Everything

3:35 to 4 p.m.—News bulletins and Lost and
Found

Found

4 to 4:55 p.m.—Matinee Melody Masters
4:55 to 5 p.m.—Town Topics
5 to 5:30 p.m.—Storyman and his Aircastle
5:30 to 6 p.m.—Sunset Quintet
6 to 6:45 p.m.—Joe Mendel's Pep Band with Mac

Mac
6:45 to 7 p.m.—Captain Vacation
7 to 7:30 p.m.—Orchestra and soloists
7:30 to 8 p.m.—Maytag So-A-Tone program
8 to 9 p.m.—Buick Boosters program
9 to 9:30 p.m.—Orchestra and soloist
9:30 to 10 p.m.—Western Motors program
10 to 11 p.m.—Anson Weeks' Mark Hopk

Hopkins Orchestra

11 to 12 midnight-New Mandarin Cabaret band 12 to 1 a.m.-Dorado Club Dance Music

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

7:45 to 8 a.m.—Devotional services 8 to 9 a m.—Shell Happy Time 9 to 9:20 a.m.—Oregonian Cooking School 9:20 to 10:30 a.m.—Town Crier 10:30 to 11:30 a.m.—"Magazine of the Air," NBC

10:30 to 12 noon—Continuation of Town Crier 1 to 1:20 p.m.—Stock market quotations 1:20 to 2 p.m.—Musical entertainment

2 to 5 p.m.—Baseball 5 to 5:30 p.m.—Movie talk 5:30 to 6:30 p.m.—Palmolive program, NBC 6:30 to 7 p.m.—Stromberg Carlson prog

program. NBC

7 to 7:30 p.m.—Studio entertainment 7:30 to 7:45 p.m.—Current events 7:45 to 8 p.m.—Studio program 8 to 8:30 p.m.—"Roads to Romance," NBC

8:30 to 9:30 p.m.—Studio program 9:30 to 10 p.m.—So-a-Tone Radioette

10 to 11 p.m.-Fisher Concert Orchestra from

11 to 12 midnight-KGW Dance Band

296.6 Meters Channel 101 1010 Kcys. 500 Watts

First Baptist Church, San Jose, California

10 to 11 a.m.—Helpful Hour 11 to 12 noon—Special program 12 to 12:30 p.m.—Capitola program
12:30 to 1 p.m.—Market reports and weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program
4:30 to 5:30 p.m.—Children's program 4:30 to 5:30 p.m.—Children's program
5:45 to 6 p.m.—Franco's program
6 to 6:10 r m.—U. S. D. A. farm flashes
6:30 to 6:30 p.m.—Crop Digest
6:30 to 6:50 p.m.—Market and weather reports
6:50 to 7 p.m.—Farmers' Exchange 7 to 8 p.m.-Farm Bureau evening News

8 to 9:30 p.m.-First Baptist Church 9:30 to 11 p.m.-Musical program

WEDNESDAY Programs

379.5 Meters 790 Kcys.

KGO

Channel 79 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.—"Magazine of the Air," NBC 11:30 to 12 noon—Rembrandt Trio 12 to 1 p.m.—Pacific Vagabonds, NBC 1 to 1:15 p.m.—Weather; S. F. and N. Y. stocks;

1 to 1:15 p.m.—Weather; S. F. and N. Y. stocks; daily bulletins
1:15 to 1:30 p.m.—U. S. Dept. of Commerce talk
3 to 4 p.m.—"The Cabin Door," NBC
4 to 4:30 p.m.—Edward J. Fitzpatrick and his
Hotel St. Francis Salon Orch.
4:30 to 5 p.m.—S. F. and N. Y. stocks; S. F. produce, daily bulletins and news
5 to 5:30 p.m.—Da-Ra-O, the wise man from the Land-O-Health, NBC
5:30 to 6:30 p.m.—Palmolive Hour, NBC
6:30 to 7 p.m.—Stromberg Carlson, NBC
7 to 8 p.m.—Studio concert
8 to 8:30 p.m.—Jack and Ethyl, the motor mates, NBC

NBC 8:30 to 9 p.m.-The Three Boys

9 to 9:30 p.m.—Los Angeles Steamship program 9:30 to 10 p.m.—Parisian Quintet and Annabelle

Jones Rose, contralto 10 to 11 p.m.—Henry Halstead's Hotel St. Francis Dance Orchestra, San Francisco

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

5:30 to 6:30 p.m.-Palmolive Hour, NBC 6:30 to 7 p.m.—Stromberg-Carlson, NBC 7 to 8 p.m.—George Hall and his Elitch Gardens dance orchestra

8 to 9:45 p.m.—KOA concert program 9:45 to 10 p.m.—News of the World 10 to 11 p.m.—Cotton Blossom Minstrels, NBC

239.9 Meters **KFOX** 1250 Kcys.

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

to 7:30 a.m.-Hello Everybody

7:30 to 8 a.m.—Joe and Chloe 8 to 8:15 a.m.—Records

7:30 to 8 a.m.—Joe and Chioe
8 to 8:15 a.m.—Records
8:15 to 8:45 a.m.—Bright and Early Hour
8:45 to 9:30 a.m.—Novelty program; organ
9:30 to 10 a.m.—Hawaiian and novelty program
10:50 to 11:30 a.m.—Musical program
10:50 to 11:30 a.m.—Becords; beauty talk
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, Roy L. Medcalfe
12:30 to 1 p.m.—Helene Smith, pianist
1 to 1:30 p.m.—Retary luncheon
1:30 to 2:15 p.m.—Quartette; health talk
2:15 to 2:30 p.m.—Doris and Clarence
2:30 to 4 p.m.—Long Beach Municipal Band
4 to 5 p.m.—Varsity Boys; news
5 to 6 p.m.—Organ recital, Roy Medcalfe
6:05 to 6:30 p.m.—Corsley entertainers
6:30 to 7 p.m.—Bluebirds
7 to 7:30 p.m.—Breakers Hotel Orchestra
7:30 to 8 p.m.—Breakers Hotel Orchestra
8 to 9 p.m.—Breakers Hotel Orchestra
9 to 9:45 p.m.—Ambassador Hotel Orchestra 9 to 9:45 p.m.-Ambassador Hotel Orchestra 9:45 to 10:30 p.m.—Fights from Wilmington

Bowl 10:30 to 11 p.m.—Breakers Hotel Orchestra 11 to 1 a.m.—Dorado Club, Four Red Coats

322.4 Meters KFWI 930 Kcys.

Channel 93 500 Watts

Radio Entertainments, San Francisco, Calif.

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

9:30 to 10 a.m.—Recordings 10 to 10:30 a.m.—Charlie Glenn, songs 10:30 to 10:50 a.m.—Dr. Linebarger, health talk 10:50 to 11 a.m.—News items, weather

11 to 12 noon-Recordings

12 to 12 noon—Recordings
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Country Store, by Cal King
1:30 to 2 p.m.—Plano recital, Margaret Fish
2 to 2:30 p.m.—'Pal of the Air,' requests
6 to 7 p.m.—Concert hour

8:30 to 9 p.m.—California Sunshine Boys 9 to 11 p.m.—Cocoanut Club 11 to 12 midnight—Elks' Night

322.4 Meters KFWM 930 Kcys.

Channel 93 500 Watts

Oakland Educational Society, Oakland, Cal.

2:30 to 3:30 p.m.—Organ recital, Charlotte Lenhart; health talk, Mrs. A. R. Crawford 3:30 to 3:40 p.m.—Kingdom talk 3:40 to 4:30 p.m.—Louie Margie and his boy

friends

4:30 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom or World news 7 to 8 p.m.—Doc Herrold 8 to 8:30 p.m.—The Watch Tower pro Watch Tower program: Bible dialogue

232.6 Meters KDYL 1290 Kcys.

Channel 129 1000 Watts

Intermountain Broad. Corp., Salt Lake City 6 p.m.—Bernard Levitow and his orch., CBS 6:30 p.m.—Evans Sisters Instrumental Trio 7:30 p.m.—Variety program

8.30 p.m.—'Yariety program
8.30 p.m.—'Over Land and Sea," ABC
9 p.m.—'Metro and Cosmo' and John and Ned,
ABC

9:30 p.m.—Novelties by Rhythm Aces, ABC 10 p.m.—Pacific Salon Orch., Liborious Hauptmann, ABC 11 p.m.—Rhythm Aces, ABC

KFSD Channel 60 499.7 Meters

600 Kcys.

Airfan Radio Corp., San Diego, Calif.

9 to 10 a.m.—Morning musical
10 to 11 a.m.—Amy Lou
11 to 12:30 p.m.—Service Hour
2:30 to 3:30 p.m.—Balboa Park organ recital
5 to 6 p.m.—Nightly Musical Review
6 to 6:15 p.m.—News items
6:15 to 7 p.m.—Studio program
7 to 8 p.m.—Trio and American Legion Quartet
8 to 9 p.m.—Apollo Glee Club; Edwin Thill, dir.
9 to 10 p.m.—Eddie Wheeler's orchestra

230.6 Meters KGEF 1300 Kcys. Trinity Methodist Church, Los Angeles, Cal.

6 p.m.-Elona Louise Price 6:15 p.m.—C. E. DeLano 6:30 p.m.—J. E. Moore, tenor 7 p.m.—Conrey Bible class 7:45 p.m.—Union Rescue Mission 8:30 p.m.—Bob Shuler's religious discussion 9 p.m.—Dob Sinder is religious dis 9 p.m.—Old songs quartet 10 p.m.—Volunteers of America 10:30 p.m.—Mr. and Mrs. Huckabee

July 4, 1929



Ben McLaughlin NBC-8:30 p.m.



Wilda Wilson Church KGO-9:30 p.m.



Earl Burtnett KHJ-10 p.m.



Hugh Barrett Dobbs KPO-7 a.m.

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

General Electric Co., Oakland, California

General Electric Co., Oakland, California
9:30 to 10:30 a.m.—California Home Life
10:30 to 11 a.m.—'Magazine of the Air," NBC
11:30 to 1 p.m.—Rembrandt Trio; stocks, news
3 to 4 p.m.—'House of Myths," NBC
4 to 5 p.m.—Edward J. Fitzpatrick and his Hotel St. Francis Salon Orchestra
5 to 6 p.m.—Rembrandt Trio
6 to 6:30 p.m.—Halsey Stuart, NBC
6:30 to 7:30 p.m.—Agricultural program; Bert
Harwell, the bird man; the Three Boys
7:30 to 8:30 p.m.—Standard Symphony Hour,
NBC NBC

8:30 to 9:30 p.m.—Memory Lane, NBC 9:30 to 10 p.m.—Drama, KGO Players 10 to 11 p.m.—Slumber Hour, NBC 11 to 12 midnight-The Trocaderans, NBC

508.2 Meters KHQ Channel 59 1000 Watts

Louis Wasmer, Inc., Spokane, Washington 7 to 7:30 a.m.—Sunrise Pep Period 7:30 to 8 a.m.—Model Musical Klock 8 to 9 a.m.—Shell Happy Time 9 to 10 a.m.—Musical Bazaar (home economics) 10 to 10:30 a.m.—Home hints, recipes 10:30 to 11 a.m.—Magazine of the Air, NBC 10:30 to 11 a.m.—Magazine of the Air, NBC 11 to 12 noon—Farmers' Service Hour 12 to 12:15 p.m.—Luncheon program 12:15 to 12:30 p.m.—Jones Musical Headlines 12:30 to 1 p.m.—Temple Radio Minstrel Man 1 to 1:30 p.m.—Copeland Musical Review 1:45 to 2 p.m.—Fur Facts 2 to 3 p.m.—Washington home service 3 to 4 p.m.—House of Myths, NBC 4 to 4:30 p.m.—Musical programs 4:30 to 5:45 p.m.—Triodian String Ensemble 5:45 to 6 p.m.—Alice in Launderland 6 to 6:30 p.m.—Halsey Stuart program, NBC 6:30 to 7 p.m.—Libby, McNeill & Libby, NBC 7 to 7:30 p.m.—The Troubadours, NBC 7:30 to 8:30 p.m.—Standard Symphony Hour, NBC NBC 8:30 to 9:30 p.m.—Crescents Old Time Band 9:30 to 9:45 p.m.—Studio program 9:45 to 10 p.m.—Amos 'n' Andy 10 to 11 p.m.—Associated Brass Band, KOMO 11 to 11:30 p.m.—Sprague Ave. Investment Co. 491.5 Meters **KFRC** Channel 61 610 Kcvs. 1000 Watts

Don Lee, Inc., San Francisco, Calif. Don Lee, Inc., San Francisco, Caint.
7 to 8 a.m.—Simpy Fitts
8 to 8:05 a.m.—"Yir Frien' Scotty"
8:05 to 9 a.m.—Musical record program
9 to 9:30 a.m.—Georgie O. George
10 to 11 a.m.—Wyn's Daily Chats
11 to 11:30 a.m.—Maytag So-A-Tone program
11:30 to 11:45 a.m.—Madame Marie
11:45 to 12 noon—Amateur auditions
12 to 1 p.m.—Sherman-Clay concert
2 to 3 p.m.—Pac. States Savings Fourth of July
Special Matinee Special Matinee
3 to 4 p.m.—Orchestra; George Lipschultz, dir.
4 to 4:50 p.m.—Matinee Melody Masters
4:55 to 5 p.m.—Town Topics
5:50 to 5:30 p.m.—Storyman and his Aircastle
5:30 to 6 p.m.—Sunset Quintet
6 to 6:45 p.m.—Concert orchestra
6:45 to 7 p.m.—Captain Vacation
7 to 7:30 p.m.—Meadows Washer program
7:30 to 8 p.m.—Pyrol program
8 to 9 p.m.—"Cruise of the Flying Cloud"
9 to 9:30 p.m.—St. Francis Club Cigar Orch.
9:30 to 10 p.m.—Hot 'n' Kold Shops program
10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 11:10 p.m.—Val Valente's Jungletown
Orchestra Special Matinee Orchestra 11:10 to 13:10 a.m.—Anson Weeks Mark Hopkins Orchestra 12:10 to 1:10 a.m.-Dorado Club Dance Music 361.2 Meters

Channel 83 12,500 Watts

General Electric Co., Denver, Colorado 3 to 3:30 p.m.—Federated hymn sing, NBC 3:30 to 4 p.m.—Retold Tales, NBC

4:15 to 4:30 p.m.—Pierrot and Pierette 4:30 to 4:55 p.m.—Stocks, markets, livestock,

produce and news

4:55 to 5 p.m.—Road reports 5 to 5:30 p.m.—Brown Palace Hotel Orchestra 5:30 to 6 p.m.—Maxwell House Coffee Hou NBC

6:30 p.m.—Halsey Stuart, NBC 6:30 to 7 p.m.—Libby, McNeill & Libby, NBC 7 to 8 p.m.—Denver Municipal Band

8 to 8:30 p.m.—Supreme Serenaders 8:30 to 9 p.m.—Denver Municipal Band 9 to 9:15 p.m.—News of the world

ABC

American Broadcasting Company

A-KJR, KEX, KGA, KYA, KDYL, KLZ B-KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ C-KJR, KEX, KGA, KYA, KMTR D—KJR, KEX, KGA E—KJR, KEX, KGA, KDYL, KLZ

7 to 8 a.m.—Vim, Vigor, Vitality—C 8:05 to 8:35 a.m.—Georgie O. George—D 8 to 9 a.m.-Golden Hour Orchestra-A 9 to 9:30 a.m.—Better Homes Half Hour-9:45 to 10 a.m.—Devotional service—A 10 to 11 a.m.—Rhythm Aces—KYA, KDYL, KLZ 10 to 11 a.m.—American Popular Orchestra—D

11 to 11:30 a.m.-Olympic Rangers with Anthony Euwer at 11:15—D 11:30 to 11:45 a.m.—Hudnut Quarter Hour—A plus KFWB

plus KFWB
11:45 to 12 noon—Annette Thompson and Flor-ence Sanger Kahn—A
12 to 12:30 p.m.—Pacific Trio, ABC
12:30 to 1:30 p.m.—Rhythm Aces, ABC
1:30 to 2:30 p.m.—Pacific Salon Orchestra—A
2:30 to 3 p.m.—John and Ned with Peterson and Miller, piano duos-A (KYA to 2:45)

4 to 5 p.m.-Vic Meyers-E 5 to 5:30 p m.-Song Travelogues-E 5:00 io 6:30 p.m.—American Salon Orchestra—A 6:30 to 7 p.m.—Campus Memories—A 7 to 7:30 p.m.—Chronicles of Katz—A 7:30 to 8 p.m.—Vic Meyers—A

to 9 p.m.-American Opera Company, directed by Jacques Jou-Jerville-A

9 to 9:30 p.m.-Anthony Euwer, Bard of the Air—A

9:30 to 10 p.m.—Artistic Ensemble—A 10 to 10:30 p.m.—Enchanters Male Quartet—A 10:30 to 11 p.m.—Night Club Skit—A 11 to 12 midnight-Vic Meyers' Orchestra-A

285.5 Meters KNX 1050 Kcvs.

Channel 105 5000 Watts

L. A. Evening Express, Los Angeles, Calif. 6:45 to 8 a.m.-Health exercises

6:49 to 8 a.m.—Health exercises 8:15 to 8:30 a.m.—Inspirational talk and prayer 9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Radio shopping news 10 to 10:30 a.m.—Town Crier's morning message 10:70 to 11 a.m.—Household Economics 11 to 11:15 a.m.—Courtesy program 11:15 to 11:45 a.m.—French lessons by Edgard

Leon

Leon
12 to 12:30 p.m.—Musical program
12:30 to 12:45 p.m.—W. F. Alder travelogue
1 to 1:30 p.m.—Beauty talk
1:30 to 2 p.m.—The Bookworm
2 to 2:30 p.m.—Courtesy program
3:30 to 4 p.m.—Louise Johnson, reading horo-

scopes

scopes
5:15 to 5:45 p.m.—"Own Your Own Home"
5:45 to 6 p.m.—Timely amusement tips
6 to 6:30 p.m.—Organ program
6:30 to 7 p.m.—KNX Concert Orchestra
7 to 7:30 p.m.—Courtesy program
7:30 to 8 p.m.—Feature program
8 to 9 p.m.—Courtesy program
9 to 10 p.m.—Calmon Luhoviski, violinist; Claire Mellonino, pianist; Walter V. Ferner, 'cellist
10 to 12 midnight—Gus Arnheim and his Cocoanut Grove Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance hour

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

243.8 Meters KYA 1230 Kcys.

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco

Pacific Broadcasting Corp., San Francisco 7 to 8 a.m.—Vim, Vigor and Vitality, ABC 8 to 8:05 a.m.—Newscasting, ABC 8:05 to 9 a.m.—Golden Hour 9 to 9:30 a.m.—Mary Cooke, better homes, ABC 9:30 to 9:45 a.m.—Novelty program, ABC 9:45 to 10 a.m.—Devotional service, ABC 10 to 11 a.m.—Rhythm Aces, ABC 11 to 11:30 a.m.—Troy and Patrick, ABC 11:30 to 11:45 a.m.—Hudnut program, ABC 11:30 to 12:30 p.m.—Pacific Trio, ABC 12:30 to 1:30 p.m.—Pacific Trio, ABC 12:30 to 1:30 p.m.—Pacific Salon Orch., ABC 1:30 to 2:30 p.m.—Pacific Salon Orch., ABC 2:30 to 2:30 p.m.—John and Ned. ABC 2:45 to 4:45 p.m.—John and Ned. ABC 5:45 to 5:30 p.m.—Golden Gate Cryer 5:30 to 6:30 p.m.—American Salon Orch., ABC 6:31 to 7 p.m.—Campus Memories, ABC 7 to 7:30 p.m.—Katz, ABC 7:30 to 8 p.m.—Katz, ABC 8 to 9 p.m.—Katz, ABC 8 to 9 p.m.—American Opera, ABC 8 to 10 p.m.—American Opera, ABC

9 to 9:30 p.m.—American Opera, ABC
9 to 9:30 p.m.—Anthony Euwer, ABC
9:30 to 10 p.m.—Artistic Ensemble, ABC 10 to 10:30 p.m.—Enchanters, ABC 10:30 to 11 p.m.—Nite Club, ABC

11 to 12 midnight-Vic Meyers, ABC

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

8 to 9 a.m.-Musical program 11 to 11:30 a.m.—Musical program
11:30 to 12 noon—Vanity Fair program
11:30 to 2:30 p.m.—Edna's Entertainment Hour
2:30 to 3 p.m.—A Kingdom message
3 to 3:40 p.m.—Organ recital

3:40 to 4:30 p.m.—Louie Margie and his boy friends

4:30 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.-Kingdom or World news

7 to 8 p.m.—Doc Herrold

8:30 to 9 p.m.—William Nat Friend and his associates presenting "Oakland in Story and Song

9 to 10 p.m.—The Travelers 10 to 10:30 p.m.—Fruitvale Merchants' program 10:30 to 11 p.m.—The Ne'er Do Well''

322.4 Meters KFWI Channel 93 930 Kcys. 500 Watts

Radio Entertainments, San Francisco, Calif. 7 to 8 a.m.—Health exercises, Cal King 8 to 9 a.m.—Recordings 10 to 10:30 a.m.-Charlie Glenn, songs

10:30 to 10:30 a.m.—Charne Gienn, songs 10:30 to 10:50 a.m.—Dr. Linebarger, health talk 10:50 to 11 a.m.—News items; weather 12 to 1 p.m.—Orchestra, Hades Cafe; Joseph Seiff, director; Rudy Fry, zither 1 to 1:30 p.m.—Cal King's Country Store

6 to 7 p.m.-Studio program

230.6 Meters KGEF Channel 130 1300 Kcvs. 1000 Watts Trinity Methodist Church, Los Angeles, Cal.

6 p.m.—Mrs. Tom Murray 7 p.m.—Dr. Fredus Nelson Peters 7:30 p.m.—Hired Man and Grace Hillman 8 p.m.—Bob Shuler's civic message 9 p.m.—Mrs Hunter and the male quartet 9:30 p.m.—Blues Eradicators 9:45 p.m.—Martha Spangler Nicholson 10 p.m.—Pupils of Raymond N. Schouten 10:30 p.m.—Hired Man

National Broadcasting Company

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

Bennie Walker will introduce the famed

waker will introduce the famed violin virtuoso, Don Amaizo.

Interpreting "Estrellita," Don Amaizo will herald the Amaizo period during which Sara Treat will talk. Another violin solo follows.

Broadcast through KHQ, KOMO, KGW,

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

1:15 to 1:30 p.m.—The Magic of Speech
The appeal of correct speech will be stressed by Vida Ravenscroft Sutton during her 15minute talk through KOMO and KGW.

3 to 4 p.m.—The House of Myths
"Venus, Goddess of Beauty" is the myth to be heard in a musical setting provided by

"Venus, Goddess of Beauty" is the myth to be heard in a musical setting provided by the Arion Trio and Margaret O'Dea, con-

Broadcast through KHQ, KOMO and KGO.
6 to 6:30 p.m.—Halsey Stuart program
With further suggestions to his nation-wide
audience regarding the subject of investments
and finances, the "Old Counselor" will come before the microphone again tonight

Music by an orchestra conducted by Andy Sanella will complete the program. Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI. 6:30 to 7 p.m.—"Around the World with Libby" Stopping for thirty minutes in another colorful and romantic section of the world,

orful and romantic section of the world, auditors who are making the musical tour "Around the World with Libby" will hear typical music of the land broadcast through KHQ. KOMO, KGW, KPO and KFI. 7 to 7:30 p.m.—NBC Troubadours Spartan women are celebrated among the ancients for their courage and severity, but it will be the hardy, brave warriors of the Greek cfty whose praises will be sung by the NBC Troubadours as they open their broadcast touight.

cast tonight.

cast tonight.

Marion Hunter and Doris Blaney, planists, will present four duets, including Debussy's amusing number, "The Golliwog's Cakewalk," and a capricious "Scherzo" by Mendelssohn.

Broadcast through KHQ and KGW.
7:30 to 8:30 p.m.—Standard Symphony Hour Independence Day suggests the theme of the Standard Symphony Hour which will be broadcast tonight.

"An American Holiday" is the descriptive.

"An American Holiday" is the descriptive title in the mood of which all of the musical selections for the hour have been chosen. The ten numbers listed will be presented by May Dollin and the Standard Country of the Standa Max Dolin and the Standard Symphony Orchestra.

.....Dvorak

Orchestra—At the Fair... Powell

1. Merry-Go-Round

2. Circassian Beauty

KGO and KFI.

8:30 to 9:30 p.m.—Memory Lane

H. C. Connette, who has written the entertaining "Memory Lane" dramalogue these many months, provides another episode in Goshen Center's social life in which the following cast will be heard: Eileen Piggott, Bernice Berwin, Billy Page, Ben McLaughlin and Richard Le Grand.

Eifteen-minute musicales will precede and

Fifteen-minute musicales will precede and follow the dramalogue, with Miss Piggott and

McLaughlin singing. Broadcast through KGW and KGO.

10 to 11 p.m.-Slumber Hour

Max Dolin will direct the orchestra and Harold Spaulding, tenor, is the artist of the evening.

Broadcast through KGO, KPO and KFI.

11 to 12 midnight-Dance music by the Trocaderans will be broadcast through KGO and KPO.

Channel 68 440.9 Meters KPO 5000 Watts 680 Kcys.

Hale Bros. & The Chronicle, San Francisco 7 to 7:45 a.m.—S. & W. health exercises, by Hugh Barrett Dobbs, with William H. Han-

cock, KPO and KFI 8 to 9 a.m.—Shell Happy Time by Hugh Barrett Dobbs and William H. Hancock 9:30 to 10 a.m.—Dobbsie's Daily Chat; Kevin

Ahern, Irish tenor 10 a.m.—Bank of America of California 12 to 12:05 p.m.—Scripture reading, announcements

12:05 to 12:30 p.m.—Don George, organist
12:30 to 1:30 p.m.—Shrine luncheon broadcast
1:30 to 2 p.m.—Jerry Jermaine for Hales
2 to 2:30 p.m.—House of Dreams; Paul Pitman
2:30 to 2:43 p.m.—Ye Towne Cryer
2:43 to 2:45 p.m.—Kozak Radiogram
2:45 to 4:30 p.m.—Baseball broadcast
4:30 to 4:40 p.m.—Stock market quotations
4:40 to 6 p.m.—Children's Hour
6 to 6:30 p.m.—Halsey-Stuart, NBC
6:30 to 7 p.m.—Libby, McNeil & Libby, NBC
7 to 8 pm.—Dally Reologue 12:05 to 12:30 p.m.—Don George, organist

7 to 8 p.m.—Daily Reologue 8 to 8:30 p.m.—Caswell Musical Travelers 8:30 to 9 p.m.—North Amer. Bldg. & Loan Assn. 9 to 9:30 p.m.—Nathan Abas violin recital 9:30 to 10 p.m.—Sequolans

10 to 11 p.m.—Slumber Hour, NBC 11 to 11:02 p.m.—Kozak Radiogram

11:02 to 12 midnight-Trocaderans, NBC

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

10 to 11 a.m.—Helpful Hour 11 to 12 noon—Monterey Peninsula program 12 to 12:30 p.m.—Capitola program
12:30 to 1 p.m.—Market reports and weather
12:30 to 2:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program

5 to 5:30 p.m.—Children's program 5:30 to 5:45 p.m.—Musical program

9:30 to 11 p.m.-Musical program

b:30 to 5:45 p.m.—Musical program 5:45 to 6 p.m.—Franco's program 6 to 6:10 n.m.—U. S. D. A. farm flashes 6:10 to 6:30 p.m.—Crop Digest 6:30 to 6:50 p.m.—Market and weather reports 6:50 to 7 p.m.—Farmers' Exchange

7 to 8 p.m.—Farm Bureau evening news 8 to 9:30 p.m.—Songs of the Old Church Choir

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

7 a.m.—S. & W. health exercises 8 a.m.—Shell Happy Time from KPO 10:30 a.m.—Magazine of the Air, NBC 11 a.m.—French lesson by Annette Doherty 11:15 a.m.—Talk on Rythmic Movement 12 non—Dept. of Agriculture talks
12:15 p.m.—Federal and state market reports
12:20 p.m.—Lieut. Schumaker of L. A. Dept. of
Public Safety 12:30 p.m.-Better Business Bureau talks

12:30 p.m.—Better Business Bureau 2 p.m.—Leon Archer 2:15 p.m.—Winnie Fields Moore 2:30 p.m.—Alma and Adele Howell 2:45 p.m.—Joseph Tolick, tenor 3 p.m.—A. Melvern Christie 3:30 p.m.—Betty Collins Thompson 4 p.m.—Bob Allan, "Radio Rag Phillips, Bob Thompson, pianist 4:30 p.m.—Big Brother 4:55 p.m.—World Book Man 5 p.m.—Studio program Man," Kay

4:55 p.m.—World Book Man
5 p.m.—Studio program
5:80 p.m.—Dr. H. Edward Meyers
5:45 p.m.—Police Commissioner W. G. Thorpe
6 p.m.—Halsey Stuart program, NBC
6:30 p.m.—Libby, McNeill & Libby, NBC
7:30 p.m.—Standard Oil Co. program, NBC
8:30 p.m.—North Amer. Bldg. & Loan Assoc.
8:45 p.m.—Arthur Lang, baritone; Pryor Moore

Ensemble 9:30 p.m.—Packard Concert Orchestra; Pryor Moore, dir. 10 p.m.—Slumber Hour, NBC

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

7:55 a.m.—Inspirational services 8 a.m.—Shell Happy Time 9 a.m.—Theatre organ recital 10 a.m.—Dorothea Wei and Madelin Dvorak, duets

10:15 a.m.—"What to Prepare for Dinner"
10:30 a.m.—Woman's Magazine of the Air, NBC
11 a.m.—Orchestra; Greenwood Mitchell and

11 a.m.—Orchestra; Greenwood Mitchell and Fred Lynch
12 noon—Orchestra; Madelin Dvorak and Dorothea Wel, duets; "Joy Boys"
1:15 p.m.—Magic of Speech, NBC
1:45 p.m.—Orchestra; Greenwood Mitchell and

Fred Lynch
2:45 p.m.—Art Lindsay and Bob Vierling
3 p.m.—House of Myths, NBC
4 p.m.—Madelin Dvorak, piano
4:05 p.m.—Mining stock quotations
4:15 p.m.—Kiddles' program
4:30 p.m.—'Jimmie and Bob," duo
4:45 p.m.—Stock and bond quotations
5 p.m.—Orchestra with Art Lindsay, tenor, and
"Jimmie and Bob"
6 p.m.—Halsey Stuart program, NBC
6:30 p.m.—Libby, McNeill & Libby program,
NBC Fred Lynch

NBC 7 p.m.—Orchestra; Aurelio Sciacqua, tenor 7:30 p.m.—Standard Symphony Hour, NBC 8:30 p.m.—Crescent Old Time Band 9:30 a.m.—Cheasty's Swimming Talk 9:45 p.m.—News Flashes

9730 p.m.—News Flashes
10 p.m.—Associated Brass Band
11 p.m.—James Harvey and Walter Reseburg
11:15 p.m.—Novelty trio
11:30 to 12:30 a.m.—Theatre organ recital

545.1 Meters **KTAB** Channel 55 500 Watts 550 Kcvs.

Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Kelley Kar Eye Openers

8 to 9 a.m.—Ray Raymond's Tabloids

9 to 9:30 a.m.—Morning prayer

9:30 to 10 a.m.—Dr. J. Douglas Thompson

9:30 to 10 a.m.—Dr. J. Douglas Thomps:
10 to 11 a.m.—Recordings
11 to 11:15 a.m.—Fanchon's Style Chats
11:15 to 12 noon—Chasing the Blues
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Chapel of Chimes
1:30 to 2 p.m.—Recordings

1:30 to 2 p.m.—Recordings
2 to 3 p.m.—Arthur Shaw, organist
3 to 4 p.m.—KTAB Salon Orchestra
4 to 5 p.m.—Home Towners
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Don's Half Hour
6:30 to 7 p.m.—Twilight Hour
7 to 7:30 p.m.—Mormon Church program
7:30 to 8 p.m.—Plano recital, Walter Rudolph
8 to 8:30 p.m.—Orchestra with Arthur Shaw
8:30 to 9 p.m.—Art Point Wedding Bells
9 to 10 p.m.—Pickwickians Dance Orchestra
10 to 11 p.m.—Studio program

10 to 11 p.m.—Studio program 11 to 1 p.m.—Nite Owls

315.6 Meters **KFWB** Channel 95 1000 Watts 950 Kcvs.

Warner Brothers, Hollywood, California

1:30 p.m.—Coast League baseball game 4:30 p.m.—Radio Travel Tales 5 p.m.—Radio Review

6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Hollywood Athletic Club Orchestra
7:30 p.m.—Organ recital
7:50 p.m.—Daily news
8 p.m.—Dance orchestra; Esther White and

Lucky Wilber, harmony numbers 9 p.m.—String quartet; Vernon Rickard, tenor 10 p.m.—Amos 'n' Andy 10:10 p.m.—Irving Aaronson and his Com-

manders

11:10 to 12:10 a.m.-Roy Fox' Orchestra

265.3 Meters Channel 113 1130 Kcvs. 5000 Watts

Radio Service Corp., Salt Lake City, Utah 5:30 p.m.—Salt Lake Police Department 5:45 p.m.—Informal studio program 6 p.m.—''Halsey Stuart.'' NBC 6:30 p.m.—Libby, McNeill & Libby, NBC 7 p.m.—Jack Summerhays, tenor, and group 7:30 p.m.—Novelle Trio 8 p.m.—The Apollo Male Quartet 8:30 p.m.—Tabernacle organ and choir 9 p.m.—Sylvania Foresters 10 p.m.—'Amos 'n' Andy'' 10:15 p.m.—Dance music

232.6 Meters Channel 129 KDYL 1290 Kcvs. 1000 Watts Intermountain Broad. Corp., Salt Lake City

6 p.m.—Salt Lake Federation of Labor 6:30 p.m.—Harmonists and male singers, ABC 7 p.m.—Johnnie Rosell's orchestra in novelty

program 7:30 p.m.-Mr. and Mrs. E. F. Montague in vocal duets

s p.m.—American Opera Co., ABC
p.m.—Anthony Euwer, "Bard of the Air,"
lecturer, artist and poet, ABC
9:30 p.m.—American Artistic Ensemble, ABC
10 p.m.—Enchanters Male Quartet, ABC
10:30 p.m.—Nite Club skit

11 p.m.-Vic Meyers' orchestra, ABC

239.9 Meters KFOX Channel 125 1250 Kcvs. 1000 Watts Nichols & Warinner, Long Beach, Calif.

7 to 7:30 a.m.—Hello Everybody 7:30 to 8 a.m.—Joe and Chloe 8 to 8:15 a.m.—Records 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Novelty program 9:20 to 9:30 a.m.—Organ recital 9:30 to 10 a.m.—Hawaiian program 10 to 10:10 a.m.—Spanish program 10 to 10:10 a.m.—Spanish program
10:10 to 10:20 a.m.—Popular songs
10:20 to 10:30 a.m.—Spanish music
10:30 to 10:50 a.m.—Popular dance music
10:50 to 11:30 a.m.—Records; beauty talk
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, Roy L. Medcalfe
12:30 to 1 p.m.—Helene Smith, pianist
1 to 1:15 p.m.—'Health and Efficiency''
1:15 to 2 p.m.—Doris and Foster Rucker
2 to 2:15 to 1:15 p.m.—Health talk
2:15 to 2:30 p.m.—Doris Dolan and Clarence
2:30 to 4 p.m.—Long Beach Municipal Band 2:30 to 4:50 p.m.—Doris Dolan and Clarence 2:30 to 4 p.m.—Long Beach Municipal Band 4 to 4:20 p.m.—News report 4:20 to 5 p.m.—Haymakers' old time dance music 5 to 6 p.m.—Organ recital, Roy Medcalfe 6 to 6:05 p.m.—Lost and found department 6:05 to 7 p.m.—Bear Cafe and Golden State orchestras 7 to 7:30 p.m.—Ambassador Concert Orchestra 7:30 to 8 p.m.—Breakers Hotel Orchestra 8 to 9 p.m.-Quartet; Eleanor Sammons, prano 9 to 10 p.m.—Ambassador Hotel Orchestra 10 to 11 p.m.—Charlie Joslyn's orchestra 11 to 1 a.m.—Dorado Club; Four Red Coats

333.1 Meters 900 Kcys.

KHJ

Channel 90 1000 Watts

Don Lee, Inc., Los Angeles, California

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7 to 7:30 a.m.—Physical culture period 7:30 to 8 a.m.—Recordings 8 to 9 a.m.—Early Birds
 9:45 to 10:15 a.m.—Recordings

9:45 to 10:15 a.m.—Vera Barstow, violinist, and

Mona Content, pianist
 10:15 to 11:15 a.m.—A. White, "At Our House"
11:15 to 12:noon—Studio program
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.—Organ recital, Leigh Harline
1:30 to 2 p.m.—Charlie Wellman's requests
2 to 2:15 p.m.—National Perc. Co. program
2:15 to 3 p.m.—KHJ soloists
3 to 3:15 p.m.—Studio program
3:15 to 3:30 p.m.—Police Comm. W. J. Thorpe
3:30 to 3:45 p.m.—H. M. Robertson, "The Dog
Man"
3:45 to 4 p.m.—Dr. Philip M. Loyell
Man"
3:45 to 4 p.m.—Dr. Philip M. Lovell
4 to 5 p.m.—Matinee Melody Masters
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—"Up from the Earth"
6 to 6:45 p.m.—Organ and singers
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—Inglewood Park program
7:30 to 8 p.m.—Don Lee Symphony Orchestra
8 to 9 p.m.—Desmond's Light Opera Hour
9 to 10 p.m.—Goodrich Silvertown Cord program
10 to 12 midnight—Biltmore Hotel Dance Orchestra
 12 to 1 a.m.-Wesley Tourtellotte, organist
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340.7 Meters KLX Channel 88 880 Kcys. 500 Watts Tribune Publishing Co., Oakland, Calif.

7 to 8 a.m.—Exercises; N. Y. stocks 8 to 9 a.m.—Jean Kent 9 to 9:30 a.m.-Modern Homes period 9:30 to 10:15 a.m.—Health questions 10:15 to 10:30 a.m.—Stocks, weather 10:30 to 11 a.m.-Recordings 10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified adv, hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5:30 p.m.—Recordings 4:30 to 5:30 p.m.—Recordings
5:30 to 6 p.m.—Cressy Ferra, pianist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 8:30 p.m.—Lorelei Trio
8:30 to 9 p.m.—Studio program
9 to 9:30 p.m.—Gospel hymns; M. J. Goodman,
tenor and Helen Parmelee, accompanist tenor, and Helen Parmelee, accompanist 9:30 to 10:30 p.m.—Machado's KLX Hawaiians

KGW 483.6 Meters 620 Kcys.

Channel 62 1000 Watts

The Morning Oregonian, Portland, Oregon 7:45 to 8 a.m.-Devotional services

9 to 9 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time
9 to 9:20 a.m.—Oregonian Cooking School
9:20 to 10:15 a.m.—Town Crier
10:15 to 10:30 a.m.—Lesser Co. Inc. program
10:30 to 11 a.m.—"Magazine of the Air," 1
11 to 11:30 a.m.—So-A-Tone Radioette

1 to 1:30 p.m.—Susiness talk 1:15 to 1:30 p.m.—Magic of Speech, NBC 1:30 to 1:50 p.m.—Stock market report

1:50 to 2 p.m.-Musical entertainment 2 to 5 p.ni.—Baseball

2 to 5 p.m.—Baseban 5:55 to 6 p.m.—Thrift talk 6 to 6:30 p.m.—Halsey Stuart, NBC 6:30 to 7 p.m.—Libby, McNeill & Libby, NBC 7 to 7:30 p.m.—Troubadours, NBC 7:30 to 8:30 p.m.—Standard Symphony Ho

NBC 9:30 to 9:30 p.m.—Memory Lane program, NBC 9:30 to 9:45 p.m.—Tommy Luke's Flower Girls 9:45 to 10 p.m.—Sports talk

10 to 11 p.m.—Associated Brass Band, KOMO 11 to 12 midnight—KGW Dance Band

280.2 Meters 1070 Kcys.

KJBS

Channel 107 100 Watts

J. Brunton & Sons, San Francisco, Calif.

to 8 a.m.-Early Bird Hour 8 to 8:30 a.m.—Chrysler program 8:30 to 9:30 a.m.—Favorite recordings 9:30 to 10 a.m.—Pacific Nash program
to 10:30 a.m.—Pacific Nash program 10:30 to 11 a.m.—Concert music recordings
11 to 11:30 a.m.—Hot'n Kold melodies 11 to 11:30 a.m.—Hot'n Kold melodies 12 to 1 p.m.—Popular dance recordings 1 to 1:30 p.m.—Raymond Melodists 1:30 to 3 p.m.—Variety records 3:30 to 4 p.m.—Bridge Hour records 3:30 to 4 p.m.—Blindcraft program 4 to 4:30 p.m.—Packard half hour 4:30 to 5 p.m.—Violin records 5 to 6:30 p.m.—Dinner music 6:30 to 7:30 p.m.—New record releases

BROADCAST WEEKLY devotes more space to station programs than any magazine or newspaper in the United States.

July 5, 1929







Carmen Castillo KFWB-8:30 p.m.



Helen O'Neil KFRC-Program Dir.



Leah McMahon KFSD-Staff Artist

440.9 Meters Channel 68 KPO 680 Kcvs. 5000 Watts Hale Bros. & The Chronicle, San Francisco 7 to 7:45 a.m.-S. & W. health exercises, by Hugh Barrett Dobbs, assisted by William H. Hancock

to 9 a.m.—The Shell Happy Time, by Hugh Barrett Dobbs and William H. Hancock to 9 a.m.-9:30 to 10 a.m.—Dobbsie's Daily Chat 10 a.m.—Bank of America of California 10:15 to 10:30 a.m.—Libby, McNeil & Libby.

NBC 10:30 to 11:30 a.m.—Magazine of the Air, NBC 12 to 12:05 p.m.—Scripture reading; announcements

12:05 to 12:45 p.m.—KPO Carolers 12:45 to 1:30 p.m.—Commonwealth Club lunch-

1:30 to 2 p.m.—Jerry Jermaine for Hales 2 to 2:30 p.m.—House of Dreams, Paul Pitman

2:30 to 2:43 p.m.—Stock market quotations 2:43 to 2:45 p.m.—Kozak Radiogram 2:45 to 4:30 p.m.—Baseball broadcast

4:30 to 4:30 p.m.—Stock market quotations 4:40 to 5 p.m.—Children's Hour 5 to 5:30 p.m.—Interwoven Pair, NBC 5:30 to 5:45 p.m.—Federal Business Assoc. talk 5:45 to 5:55 p.m.—Book review, Harold Small

5:45 to 5:55 p.m.—Book review, Harold Sm 5:55 to 6 p.m.—Chamber of Commerce talk 6 to 6:30 p.m.—The Gossipers, NBC 6:30 to 7 p.m.—Studio program

5:30 to 4 p.in.—Studio program
7 to 8 p.m.—Daily Reologue
8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—Borden, NBC
9:30 to 10 p.m.—Tommy Monroe and Bob Allen
10 to 11 p.m.—Jesse Stafford's Dance Orchestra 11 to 11:02 p.m.—Kozak Radiograms 11:02 to 12 midnight—Trocaderans, NBC

232.6 Meters Channel 129 KDYL 1290 Kcys. 1000 Watts Intermountain Broad. Corp., Salt Lake City

6 p.m.—Studio program 6:30 p.m.—An Old Philosopher's Words of Wis-

don; Freddie Rich's orchestra
7 p.m.—Studio program
8 p.m.—Neapolitan Nights, ABC
9 p.m.—Metro and Cosmo and John and Ned, ABC

9:30 p.m.-Woodwind Ensemble, ABC

10 p.m.—Dancing Strings, ABC 11 p.m.—Georgie Stoll's Rhythm Aces, ABC

243.8 Meters KYA 1230 Kcvs.

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco
7 to 8 a.m.—Vim, Vigor and Vitality, ABC
8 to 8:15 a.m.—Newscasting, ABC
8:05 to 9 a.m.—Golden Hour Orchestra, ABC
9:05 to 9:05 a.m.—Mary Cooke, better homes, ABC
9:30 to 9:45 a.m.—Eaton and Robillard, ABC
9:45 to 10 a.m.—Devotional service, ABC
10 to 10:30 a.m.—Oregon City Boys, Clem Kennedy and George Taylor
10:30 to 11 a.m.—American Popular Orch. ABC

10:30 to 11 a.m.—American Popular Orch., ABC 11 to 12 noon—California Sunshine Hour

11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—Examiner news
12:15 to 12:30 p.m.—Music Appreciation, ABC
12:30 to 1:30 p.m.—Vic Meyers, ABC
12:30 to 1:30 p.m.—Vic Meyers, ABC
1:30 to 1:45 p.m.—Prudence Penny
1:45 to 2 p.m.—Song recital, ABC
2 to 2:45 p.m.—Artistic Ensemble, ABC
2:45 to 4:45 p.m.—Baseball, Recreation Park
4:45 to 6 p.m.—KYA Trio, news and Cryer
6 to 6:30 p.m.—The Children's Hour, ABC
6:30 to 7 p.m.—Dr. West program, CBS
7 to 7:15 p.m.—Cecil and Sally, ABC
7:15 to 8 p.m.—Neapolitan Nights, ABC
8 to 9 p.m.—Neapolitan Nights, ABC
9 to 9:30 p.m.—Metro and Cosmo with John and
Ned, ABC

Ned, ABC 9:30 to 10 p.m.—Woodwind ensemble, ABC

10 to 11p.m.—Dancing Strings, ABC 11 to 12 midnight—Rhythm Aces, ABC

280.2 Meters Channel 107 **KJBS** 1070 Kcys. 100 Watts

J. Brunton & Sons, San Francisco, Calif. to 8 a.m.—Early Bird Hour 8 to 8:30 a.m.—Chrysler program 8:30 to 9 a.m.—Popular recordings 9 to 10 a.m.—Variety recordings 10:45 to 11 a.m.—Dr. Wiseman, health talk

11 to 12 noon—Instrumental recordings

11 to 12 noon—instrumental recordings
12 to 1 p.m.—Popular dance tunes
1 to 1:30 p.m.—Raymond Melodists
1:30 to 2:30 p.m.—Variety records
2:30 to 3 p.m.—Hot'n Kold melodies
3 to 3:30 p.m.—Mahra, "Radioland's Psychic"
3:30 to 4 p.m.—Bridge Hour records

4 to 4:30 p.m.—Packard half hour 4:30 to 5 p.m.—Red Seal records 5 to 5:30 p.m.—American tunes 6 to 6:30 p.m.—Dinner concert

6:30 to 7:30 p.m.—Popular dance tunes

National Broadcasting Company

10:15 to 10:30 a.m.-Mary Hale Martin's Household Period

During these brief periods a musical pro-ram is heard in addition to Miss Martin's gram is She discusses recipes which she has chats. proven successful in her many years of experimentation with foods and methods of cooking and serving them.

Broadcast through KHQ, KOMO, KGW, KGO, KPO, KFI an KSL.

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

Air"

It will be a case of "double the nutrition and halve the expense" during the Alpine feature and "halve the cost of living" during the Kraft period. Miss Holden will explain, in the latter talk, how housewives of foreign nations use quantities of cheese and live more economically, then their American course.

economically than their American consins.

Broadcast through KHQ and KOMO from 10:30 to 11:10 a.m. and through KGW, KGO, KPO and KFI for the full hour.

12 to 1 p.m.-Pacific Little Symphony Solemn chords leading into a beautiful love melody will be heard as the Pacific Little Symphony begins its coast-to-coast broadcast through KOMO and KGO.

5 to 5:30 p.m.-Interwoven Pair

Will C. Perry will direct the Interwoven Orchestra which presents the program in con-Junction with the tenor and baricone duo, Broadcast through KHQ , KOMO, KGW,

KGO, KPO and KFI,

6 to 6:30 p.m.—The Gossipers
The Gossipers will exchange their secrets before the microphone through KOMO, KGO and KPO.

7 to 8 p.m.—NBC Green Room
The first of a seires of intimate recitals featuring members of the NBC staff and guest artists.

In the Green Room for tonight's presentation will be Margaret O'Dea, contralto, and Harold Spaulding, tenor, both of whom are familiar personalities among those appearing on NBC broadcasts.

Their songs will be chosen from operatic and classic repertoires. Besides the singers, an organist will be heard in solo offerings.

Broadcast through KHO and KGW.

Broadcast through KHQ and KGW.

8 to 9 p.m.-RCA Hour to 9 p.m.—RCA Hour Instead of his customary lecture on "Wonders of the Sky," Hyde speaks tonight on "Wonders of the Earth." His talk will be preceded by the orches.ra's playing of Smetana's symphonic poem, "Vltava," which describes the River Moldau as it runs through many changing scenes in Bohemia. "Vltava"

many changing scenes in Bohemia. "Vitava" will be conducted by Max Dolin.

Soloists on this program will be Margaret O'Dea, contralto, and Harold Spaulding, tenor. Miss O'Dea's contributions include a lovely Grieg song seldom heard over the air—"My Mountain Maid." Spaulding's numbers will be announced during the broadcast.

The hour will come to a close as the orchestra offers the familiar and striring "Prelude and Toreadors' March" from Bizet's "Carmen" which has been classed among the

ude and Toreadors' March" from Bizet's "Carmen," which has been classed among the four most popular of all operas.

Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.

9 to 9:30 p.m.—Borden Dairy

The NBC Harmony Four are the headliners of the Borden Dairy broadcast.

Irving Kennedy, Harry Stanton, Austin Mosher and Myron Niesley are the singers who will provide interpolations during a musicale by the concert orchestra under Charles Hart's baton.

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

10 to 11 p.m.-Broadway Melodies

Interpreting the successes of the "Great White Way," an orchestra and a bevy of radio stars will present the "Broadway Melodies" hour.

Gail Taylor, soprano, is the soloist and the feminine harmony duo, Gypsy and Marta, introduce novel offerings. A mixed quartet also is featured during the hour, for which old and new syncopated successes are scheduled. Broadcast through KFI, KSL and KOA

11 to 12 midnight-Dance music by the Trocaderans will be broadcast through KPO.

265.3 Meters 1130 Kcvs.

KSL

Channel 113 5000 Watts

Radio Service Corp., Salt Lake City, Utah

p.m.—The Happiness Boys, NBC

6:30 p.m.-Popular orchestra and feature contralto

7 p.m.-Metropolitan Male Chorus

7:30 p.m.—Mixed quartet and instrumental trio 8 p.m.—Concert orchestra and featured soprano and tenor

8:30 p.ni.-LeRoy Johnson, basso; the Osborne Sisters. blues singers; Don Cope, violinist p.m.—Borden Dairy program, NBC

9:30 p.m.—Variety program 10 p.m.—''Amos 'n' Andy''

10:15 p.m.—"Broadway Melodies," NBC

239.9 Meters **KFOX** 1250 Kcvs.

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

7 to 7:30 a.m.-Hello Everybody

7:30 to 8 a.m.—Joe and Chloe 8 to 8:15 a.m.—Records

8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Novelty program 9:20 to 9:30 a.m.—Organ recital

9:30 to 10 a.m.—Hawaiian program and novelty songs

10 to 10:10 a.m.—Spanish program

10:10 to 10:20 a.m.—Popular songs 10:20 to 10:30 a.m.—Salon music

10:20 to 10:30 a.m.—Saton music 10:30 to 10:50 a.m.—Popular dance music 10:50 to 11:30 a.m.—Records; beauty talk 11:30 to 12 noon—Early news; music 12 to 12:30 p.m.—Organ recutal, Roy L. Medcalfe 12:30 to 1 p.m.—Helene Smith, pianist

1 to 1:30 p.m.—Masonic luncheon 1:30 to 2:15 p.m.—Quartette: health talk

2:15 to 2:30 p.m.-Doris Dolan and Clarence

2:30 to 4 p.m.—Long Beach Municipal Band 4 to 4:20 p.m.—News report 4:20 to 5 p.m.—Varsity Boys

5 to 6 p.m.-Organ recital, Roy C. Medcalfe

6 to 6:05 p.m.—Lost and found department 6:05 to 6:30 p.m.—Rear Cafe Orchestra

6-05 to 6:30 p.m.—Rear Cafe Orchestra
6:30 to 7 p.m.—Bluebirds
7 to 7:30 p.m.—Ambassador Hotel Concert Orch.
7:30 to 8 p.m.—Breakers Hotel Orchestra
8 to 9 p.m.—Long Beach Bootery hour
9 to 10 p.m.—Ambassador Hotel Orchestra
10 to 11 p.m.—Breakers Hotel Orchestra
11 to 1 a.m.—Dorado Club, Four Red Coats

American Broadcasting Company A-KJR, KEX, KGA, KYA, KDYL, KLZ B-KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ C-KJR, KEX, KGA, KYA, KMTR D-KJR, KEX, KGA E-KJR, KEX, KGA 7 to 8 a.m.—Vim, Vigor, Vitality—C 8:05 to 8:35 a.m.—Georgie O. George—D 8 to 9 a.m.—Golden Hour Orchestra—A 9 to 9:30 a.m.—Better Homes Half Hour—A 9:30 to 9:45 a.m.—Novelty program—A 9:45 to 10 a.m.—Devotional service—A 10 to 11 a.m.-American Popular Orchestra-A

10 to 11 a.m.—American Popular Orchestra—A (KYA from 10:30)
11 to 12 noon—Olympic Rangers' Orchestra with Anthony Euwer—E
12 to 12:15 p.m.—World in Review—E
12:15 to 12:30 p.m.—Music Appreciation—A
12:30 to 1:30 p.m.—Vic Meyers' Orchestra—A
1:30 to 2 p.m.—Song recital—A
2 to 2 n.m.—Artistic Ensemble—A (KYA to 2 to 3 p.m.—Artistic Ensemble—A (KYA 2:45)
3 to 4 p.m.—Vic Meyers' Orchestra—E
4 to 4:30 p.m.—All Artists' Sextette—E
4:30 to 5 p.m.—Damski's Neapolitans—E
6 to 6:30 p.m.—Children's Hour—C
6:30 to 7 p.m.—Dr. West's musical program,
CBS from N. Y.—B
7 to 7:15 p.m.—Cecil and Sally—C
7:15 to 8 p.m.—Harmonyland, the Rhythm Aces
with Prof. Schnitzel, Tom Smith and Frank
Sardam, master of ceremonies—C
8 to 9 p.m.—Neapolitan Nights, Pacific Salon
Orchestra—B
9 to 9:30 p.m.—John and Ned, the Twins, with 2:45)

to 9:30 p.m.-John and Ned, the Twins, with

9 to 9:30 p.m.—John and Ned, the Twins, with Metro and Cosmo—B 9:30 to 10 p.m.—Woodwind Ensemble—B 10 to 11 p.m.—Dancing Strings—B 11 to 12 midnight—Rhythm Aces, Georgie Stoll, director—B less KLZ

285.5 Meters Channel 105 1050 Kcys. 5000 Watts L. A. Evening Express, Los Angeles, Calif.

L. A. Evening Express, Los Angeles, Calif. 6:45 to 8 a.m.—Health exercises 8:15 to 8:30 a.m.—Health exercises 8:15 to 8:30 a.m.—Inspirational talk and prayer 9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Radio shopping news 10 to 10:30 a.m.—Town Crier's morning message 12 to 12:30 p.m.—Musical program 12:30 to 12:45 p.m.—W. F. Alder travelogue 1 to 1:30 p.m.—Beauty talk 1:30 to 2 p.m.—The Bookworm 2 to 2:30 p.m.—Courtesy program 2:30 to 3 p.m.—L. A. District Federation of Women's Clubs 3:30 to 4 p.m.—C. P. R's musical program 4 to 4:15 p.m.—Stock market reports 4:25 to 4:30 p.m.—Dr. Wesley M. Barrett 5:15 to 5:45 p.m.—'Own Your Own Home' 5:45 to 6:30 p.m.—Organ program 6:30 to 7 p.m.—Frogram program 7:30 fo 8 p.m.—Feature program 7:30 fo 8 p.m.—Program typical of New Mexico 8 to 9 p.m.—Royal Order of Optimistic Do-Nuts

Nuts

9 to 9:45 p.m.—Lion Tamers' 9:45 p.m.-Main event from the Hollywood Le-

gion Stadium 10 to 12 midnight—Gus Arnheim and his Cocoanut Grove Orchestra

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

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

General Electric Co., Oakland, California 9:30 to 10:15 a.m.—California Home Life 10:15 to 10:30 a.m.—Mary Hale Martin, NBC 10:30 to 11:30 a.m.—"Magazine of the Air," NBC

11:30 to 12 non-Studio staff program
12 to 1 p.m.—Pacific Little Symphony, NBC
1 p.m.—Weather; S. F. and N. Y. stocks; daily 1 p.m.—W

4:30 to 5 p.m.—Tom King, detective stories 5 to 5:30 p.m.—Interwoven Pair, NBC 5:30 to 6 p.m.—S. F. and N. Y. stocks, S. F. produce, daily bulletins, news 6 to 6:30 p.m.—The Gossipers, NBC 6:30 to 7 p.m.—Studio program

7 to 8 p.m.-Stanislas Bem's Little Symphony Orchestra

8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—"Borden Dairy," NBC
9:30 to 10 p.m.—The Olympians
10 to 11 p.m.—Western Artist Series concert;
Sigismond Stojowski, planist
11 to 12 midnight—Henry Welstead's St. France 11 to 12 midnight-Henry Halstead's St. Fran-

cis Dance Orchestra

361.2 Meters KOA 830 Kcys.

Channel 83 12,500 Watts

General Electric Co., Denver, Colorado 4 to 5 p.m.-Cities Service Orchestra and Cava-

4 to 5 p.m.—Cities Service Orchestra and Cavallers, NBC
5 to 5:30 p.m.—Interwoven Pair, NBC
5:30 to 6 p.m.—Brown Palace Hotel Orchestra
6 to 6:30 p.m.—Farm Question Box
6:30 to 7 p.m.—Extension Service
7 to 7:30 p.m.—The Skellodians, NBC
7:30 to 8:15 p.m.—Denver Municipal Band
8:15 to 8:30 p.m.—Capt. Edward A. Salisbury
8:30 to 9 p.m.—Denver Municipal Band
9:0 to 9:30 p.m.—Mixed quartette
9:30 to 10 p.m.—The Stagecoachers

9:30 to 10 p.m.-The Stagecoachers 10 to 11 p.m.—Broadway Melodies, NBC

508.2 Meters Channel 59 KHO 590 Kcys. 1000 Watts Louis Wasmer, Inc., Spokane, Washington

7 to 7:30 a.m.—Sunrise Pep Period 7:30 to 8 a.m.—Model Musical Klock 8 to 9 a.m.—Shell Happy Time 9 to 10 a.m.-Household service 9 to 10 a.m.—Household service
10 to 10:15 a.m.—Home hints, recipes
10:15 to 10:30 a.m.—Libby, McNeill, Libby, NBC
10:30 to 11:10 a.m.—Magazine of the Air, NBC
11:10 to 12 noon—Farmers' Service Hour
12 to 12:15 p.m.—Valvoline luncheon program
12:15 to 12:30 p.m.—Jones Musical Headlines
12:30 to 1 p.m.—Temple Radio Minstrel Man
1 to 1:30 p.m.—Copeland Musical Review
12:30 to 1:45 p.m.—Modern Shops a la Mode 1 to 1:30 p.m.—Copeland Musical Review
1:30 to 1:45 p.m.—Modern Shops a la Mode
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—Gems from Sartori
3 to 3:15 p.m.—Musical program
3:15 to 3:30 p.m.—Studio program
3:30 to 4 p.m.—"Paint o' Mine" period
4 to 5 p.m.—Triodian String Ensemble
5 to 5:30 p.m.—Interwoven Pair, NBC
5:30 to 6 p.m.—Triodian String Ensemble
6 to 6:30 p.m.—Davenport Hotel Dance Orchestra

tra
6:30 to 7 p.m.—Studio program
7 to 8 p.m.—The Green Room, NBC
8 to 9 p.m.—RCA Hour, NBC
9 to 9:30 p.m.—Borden Dairy program, NBC
9:30 to 10 p.m.—Veedol Vodvil
10 to 10:15 p.m.—Amos 'n' Andy
10:15 to 12 midnight—Davenport Hotel Dance

Orchestra

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

7 to 8 a.m.—Simpy Fitts
8 to 8:05 a.m.—'Yir Frien' Scotty''
8:05 to 8:30 a.m.—Simpy Fitts
8:30 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.—Domestic science talk
11:30 to 11:45 a.m.—Raladam broadcast
11:45 to 12 noon—Amateur auditions
3 to 3:30 p.m.—Musical record program
3:30 to 3:35 p.m.—Something About Everything
3:35 to 4 p.m.—News bulletin and Lost and Found Found 4 to 4:55 p.m.—Matinee Melody Masters 4:55 to 5 p.m.—Town Topics 5 to 5:30 p.m.—Storyman and his Aircastle 5 to 5:30 p.m.—Storyman and his Aircastle
5:30 to 6 p.m.—Sunset Quintet
6 to 6:15 p.m.—Studio program
6:16 to 6:45 p.m.—Pat Frayne, sports
6:45 to 7 p.m.—Captain Vacation
7 to 7:30 p.m.—KFRC Concert Orchestra
7:30 to 8 p.m.—Anna Kristina's program
8 to 8:30 p.m.—Famous Californians
8:30 to 9 p.m.—Concert orchestra and soloists
9 to 9:30 p.m.—Durant Divertisement
9:30 to 10 p.m.—Amos 'n' Andy
10:10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 11:10 p.m.—Anson Weeks' Mark Hopkins Orchestra
11:10 to 12:10 a.m.—Tom Gerunovich Roof Gar-11:10 to 12:10 a.m.—Tom Gerunovich Roof Garden Orchestra 12:10 to 1:10 a.m.-Dorado Club Dance Music

333.1 Meters 900 Kcys.

KHJ

Channel 90

1000 Watts

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Don Lee, Inc., Los Angeles, California
  7 to 7:30 a.m.—Physical culture period 7:30 to 8 a.m.—Recordings 8 to 9 a.m.—Verdugo Breakfast Club
9:15 a.m.—Recordings
9:15 to 9:30 a.m.—Dr. Dorosh, health talk
9:30 to 9:45 a.m.—National Percolator Co.
9:45 to 10:15 a.m.—Recordings
10:15 to 11:15 a.m.—A. White, "At Our House"
11:15 to 12 noon—Studio program
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.—Organ recital, Leigh Harline
1:30 to 2 p.m.—Charlie Wellman, requests
2 to 2:30 p.m.—U. S. C. "Trojan" period
2:30 to 3 p.m.—Florence Dobinson, "Theatre"
3 to 3:15 p.m.—Eric Mayne, Shakespearean readings
   9 to 9:15 a.m.—Recordings
        ings
  3:15 to 3:30 p.m.—Dr. Herzog's "School Program"
gram"
3:30 to 4 p.m.—Council of Int. Relations
4 to 5 p.m.—Matinee Melody Masters
5 to 5:30 p.m.—The Story Man
5:30 to 6 p.m.—"Up from the Earth"
6 to 6:45 p.m.—KHJ organ and singers
6:45 to 7 p.m.—World-wide news
7 to 7:30 p.m.—Don Lee Symphony Orchestra
7:30 to 8 p.m.—Capistrano Beach program
8 to 8 p.m.—Capistrano Beach program
8 to 8 p.m.—Cothunity program
 8 to 9 p.m.—Continuity program
9 to 9:30 p.m.—Durant Motors, from KFRC
9:30 to 10 p.m.—Veedol program, from KFRC
10 to 12 midnight—Earl Burtnett's dance
 12 to 1 a.m.—Wesley Tourtellotte, organist, and KHJ Trio
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340.7 Meters 880 Kcys.

KLX

Channel 88 500 Watts

Tribune Publishing Co., Oakland, Calif.

to 8 a.m.—Exercises; N. Y. stocks to 9 a.m.—Jean Kent

7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Recordings
10:15 to 10:30 a.m.—Stocks, weather
10:30 to 10:50 a.m.—Recordings
10:50 to 11 a.m.—Belco talk
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5:30 p.m.—Recordings
5:30 to 6 p.m.—Cressy Ferra, planist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 10 p.m.—Hi Jinx—Fleur de Lis Dance Orchestra, Machado's KLX Hawaiians, Helen
Wegman Parmelee, planist; M. J. Goodman, tenor; Nellie Clark Alsing, soprano; Jeanne
Rabinowitz, soprano; Maybelle Morrison, violinist; KLX Dreamers' Male Quartet, and Al
Capelli, accordionist. Capelli, accordionist.

468.5 Meters 640 Kcys.

Channel 64 5000 Watts

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7 a.m.—S. & W. health exercises 8 a.m.—Shell Happy Time, KPO 9 a.m.—Bess Kilmer's Helpful Hints 10:15 a.m.—Mary Hale Martin, NBC 10:30 a.m.—Magazine of the Air, NBC 11:30 a.m.—Ivar

12 noon—Dept. of Agriculture talks
12:15 p.m.—Federal and State market reports
12:25 p.m.—Franklin L. Graves, talk
2 p.m.—Leon Archer and Wm. Don, English comedian

3 p.m.—Variety Hour 3:45 p.m.—Hugo Escobar, Spanish lessons

4 p.m.—E. H. Rust, nurseryman 4:30 p.m.—Big Brother 4:55 p.m.—World Book Man

4:55 p.m.—World Book Man
5 p.m.—Interwoven Pair, NBC
5:30 p.m.—Glen Edmund and his Collegians
6 p.m.—KFI Symphonette
7:30 p.m.—United Bldg. & Loan program
8 p.m.—BCA Hour, NBC
9 p.m.—Borden Dairy program, NBC
9:30 p.m.—Studio program
10 p.m.—Broadway Melodies, NBC

296.6 Meters Channel 101 1010 Kcys. 500 Watts

First Baptist Church, San Jose, California First Baptist Church, San Jose, California
10 to 11 a.m.—Helpful Hour
11 to 12 noon—Palo Alto program
12 to 12:30 p.m.—Leonard & Holt program
12:30 to 1 p.m.—Market reports and weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
1:30 to 2:30 p.m.—Musical program
5:40 to 3:30 p.m.—Musical program
5:45 to 6:30 p.m.—Children's program
5:45 to 6 p.m.—Franco's program
6:60 to 6:10 p.m.—Franco's program
6:10 to 6:30 p.m.—Crop Digest
6:30 to 6:50 p.m.—Market and weather reports
6:50 to 7 p.m.—Farmers' Exchange
7 to 8 p.m.—Farm Bureau evening news
8 to 9 p.m.—Farm Bureau evening news
8 to 9 p.m.—Frogram directed by Leda Jack—

9 to 9:30 p.m .- Program directed by Leda Jack-

9:30 to 11 p.m.-Musical program

KTAB 545.1 Meters 550 Kcvs.

Channel 55 500 Watts

Pickwick Broadcasting Co., Oakland, Calif.

7 to 8 a.m.—Kelley Kar Eye Openers 8 to 9 a.m.—Ray Raymond's Tabloids 9 to 9:35 a.m.—Morning prayer 9:35 to 9:50 a.m.—Health talk 9:50 to 10 a.m.—Recordings 9:30 to 10 a.m.—Recordings 10 to 10:30 a.m.—Cal King's Country Store 10:30 to 11 a.m.—Arthur Shaw, organist 11 to 11:15 a.m.—Fanchon's Style Chats 11:15 to 12 noon—Willard Kimball, Chasin' the Blues 12 to 1 p.m.—Recordings 1 to 1:30 p.m.—Chapel of Chimes 1:30 to 2 p.m.—Chats with Ruth 1:30 to 2 p.m.—Chats with Rull
2 to 3 p.m.—Recordings
3 to 4 p.m.—KTAB Salon Orchestra
4 to 5 p.m.—Home Towners
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Don's Half Hour
6:30 to 7 p.m.—Twilight Hour
7 to 7:15 p.m.—Recordings
7:15 to 7:30 p.m.—Resort news
7:20 to 8 p.m.—Earle Caldwell 7:30 to 8 p.m.—Earle Caldwell 8 to 8:30 p.m.—Studio Trio and orchestra 8:30 to 9 p.m.—Gray's program 9 to 9:30 p.m.—Geary Street program 9:30 to 10 p.m.—Mystery story 10 to 10:30 p.m.—The Office Force 10:30 to 11 p.m.—Novelty program

325.9 Meters 920 Kcvs.

Harvey, tenor

11 to 1 a.m.—Nite Owls

KOMO

Channel 92 1000 Watts

Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services 8 a.m.—Shell Happy Time 9 a.m.—Fox Theatre organ recital 9:45 a.m.—Y. M. C. A. health exercises 10 a.m.—"What to Prepare for Dinner" 10:15 a.m.—Libby, McNeill & Libby program, 10:30 a.m.—Woman's Magazine of the Air, NBC 11:10 a.m.-Concert trio; Greenwood Mitchell, baritone 12 noon—Pacific Little Symphony, NBC 1 p.n.—Orchestra; Dorothea Wei and Madelin 1 p.m.—Orcnestra; Dorotnea Wei and Madelin Dvorak, duets
2:15 p.m.—Orchestra; Greenwood Mitchell and Fred Lynch, tenor 3:15 p.m.—''Joy Boys''
3:30 p.m.—Orchestra; Dorothea Wei and Madelin Dworak lin Dvorak
4:05 p.m.—Mining stock quotations
4:15 p.m.—Orchestra; Art Lindsay, tenor
4:45 p.m.—Stock and bond quotations
5 p.m.—Interwoven Pair, NBC
5:30 p.m.—Orchestra; Aurelio Sciacqua, tenor
6 p.m.—The Gossipers, NBC
6:30 to 7 p.m.—Studio program
7 p.m.—Orchestra; James Harvey, tenor, and
Walter Reseburg, baritone
8 p.m.—RCA Hour, NBC
9 p.m.—Borden Farm program, NBC
9:30 p.m.—Veedol Vodvil
10 p.m.—Gyrators 9:30 p.m.—Veedol Vodvil
10 p.m.—Gyrators
10:30 p.m.—News Flashes
10:45 p.m.—Orchestra with Fred Lynch, tenor
11:45 p.m.—James Harvey, Walter Reseburg and
McKinley Sisters 12:15 to 12:30 a.m.—Zita Dillon, piano; James

322.4 Meters Channel 93 **KFWI** 500 Watts 930 Kcvs. Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.—Health exercises by Cal King 8 to 9 a.m.—Recordings

9 to 9:30 a.m.-Country Store

10 to 10:30 a.m.-Charlie Glenn, songs

10:30 to 10:50 a.m.—Dr. Linebarger, health talk 10:50 to 11 a.m.—News items; weather

11 to 12 noon-Recordings

12 to 1 p.m.—Jack Tehan, tenor, Irish melodies 1 to 1:30 p.m.—Cal King's Country Store 1:30 to 2 p.m.—Studio program, Mabel Turner

Payne
2 to 2:30 p.m.—"Pal of the Air," requests
6 to 6:30 p.m.—Dinner program
6:30 to 7 p.m.—Topsy's Roost
8:30 to 9 p.m.—Half hour of Scotch melodies
by "Scotty" McKenna; Mark Anderson at the piano

9 to 9:30 p.m.—Happy Chappies 9:30 to 11 p.m.—South of Market Street Boys

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

3:30 to 3:40 p.m.—Kingdom talk 3:40 to 4:30 p.m.—Louie Margie and his boy

friends

4:30 to 5:50 p.m.—Big Brother Walter 5:50 to 6 p.m.—Kingdom or World news 7 to 8 p.m.—Doc Herrold 8 to 8:30 p.m.—The Watch Tower program

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

7:45 to 8 a.m.—Devotional services 8 to 9 a.m.—Shell Happy Time

9:20 to 10:15 a.m.-The Town Crier 11:30 to 12 noon-Continuation of Town Crier

1 to 1:20 p.m.—Stock market quotations 1:20 to 2 p.m.—Musical entertainment

2 to 5 p.m.—Baseball

5:30 to 5:35 p.m.—Music 5:35 to 5:35 p.m.—Music 5:35 to 5:40 p.m.—Fishing bulletin 5:40 to 5:50 p.m.—Red Cross talk 5:50 to 6:30 p.m.—Studio program

5:30 to 5:30 p.m.—Studio program
6:30 to 7 p.m.—Studio program
7 to 8 p.m.—The Green Room, NBC
8 to 9 p.m.—"RCA Hour," NBC
9 to 9:30 p.m.—Borden's Dairy program, NBC
9:30 to 10 p.m.—Veedol vaudeville program
10 to 10:15 p.m.—Studio program

Dr. 10:15 to 10:30 p.m.—Science lectu**r**e

10:30 to 12 midnight-Frolic of the Hoot Owls

315.6 Meters 1000 Watts 950 Kcvs.

Warner Brothers, Hollywood, California

2:10 p.m.—Coast League Baseball game 4:30 p.m.—Radio Travle Tales 6:20 p.m.—Musical program 6:30 p.m.—Harry Jackson's entertainers 7 p.m.—Tom Mitchell

7:30 p.m.—Pean Leonard, Wizard of the Ivories 7:45 p.m.—Dean Leonard, Wizard of the Ivories 8 p.m.—The 507 Boys 8:30 p.m.—Xaxier Cugat with his Gigolos; Car-men Cas illo, soprano 9:30 p.m.-Concert orchestra and Utica Jubilee

Singers 10 p.m.—Amos 'n' Andy

10:10 p.m.—Irving Aaronson and his Commanders

11:10 to 12:10 a.m.-Roy Fox' Orchestra

July 6, 1929







Jack Burt KFWI—8:30 p.m.

Rembrandt Trio KGO-11:30 a.m.

Art Fadden KPO-9:30 a.m.

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

7 to 8 a.m.—Kelley Kar Eye Openers
8 to 9 a.m.—Ray Raymond's Tabloids
9 to 9:30 a.m.—Morning prayer
9:30 to 11 a.m.—Hanchon's Style Chats
11:15 to 12 noon—Chasing the Blues
12 to 1 p.m.—George Otto's Hawaiians
1 to 1:30 p.m.—Chapel of Chimes
1:30 to 2 p.m.—Recordings
2 to 3 p.m.—Arthur Shaw, organist
1 to 4 p.m.—KTAB Salon Orchestra
4 to 5 p.m.—Home Towners
5 to 6 p.m.—Brother Bob's Frolic
6 to 6:30 p.m.—Twilight Hour
7 to 8 p.m.—Ereordings
8 to 10 p.m.—The Pickwick Follies
10 to 11 p.m.—Studio program
11 to 1 a.m.—Nite Owls

10 to 11 p.m.—Studio program
11 to 1 a.m.—Nite Owls

508.2 Meters KHQ Channel 59
590 Kcys. Louis Wasmer, Inc., Spokane, Washington
7 to 7:30 a.m.—Sunrise Pep Period
7:30 to 8 a.m.—Model Musical Klock
8 to 9 a.m.—The Shell Happy Time
9 to 10 a.m.—Musical Bazaar
13 to 11 a.m.—Home hints, recipes, etc.
11 to 12 noon—Farmers' Service Hour
12 to 12:15 p.m.—Luncheon program
12:30 to 1 p.m.—Musical program
1 to 1:30 p.m.—Copeland Musical Review
1:45 to 2 p.m.—Fur Facts
2 to 3 p.m.—Washington home service
3 to 3:15 p.m.—Musical program
3:15 to 3:30 p.m.—Universal Safety Series, NBC
3:30 to 4 p.m.—"Paint o' Mine" period
4 to 5 p.m.—Triodian String Ensemble
5 to 6 p.m.—General Electric, NBC
6 to 7 p.m.—Lucky Strike Hour, NBC
7 to 8 p.m.—Nights in Spain, NBC
8 to 8:30 p.m.—Temple of the Air, NBC
8:30 to 9 p.m.—Raybestos
9 to 10 p.m.—Golden Legends, NBC
10 to 10:15 p.m.—Amos' n' Andy
10:15 to 10:30 p.m.—Alice in Launderland
10:30 to 12 midnight—Davenport Hote! Dance
Orchestra

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

7 to 8 a.m.—Exercises; N. Y. stocks
8 to 9 a.m.—Jean Kent
9 to 9:30 a.m.—Modern Homes period
9:30 to 10:15 a.m.—Health questions
10:15 to 10:30 a.m.—Stocks, weather
10:30 to 11 a.m.—Recordings
11 to 12 noon—Classified adv. hour
12 to 1 p.m.—Machado's KLX Hawaiians
1 to 2 p.m.—Jean's Hi-Lights
2 to 2:30 p.m.—Recordings
2:30 to 4:30 p.m.—Baseball broadcast
4:30 to 5 p.m.—Organ recital, Chas. T. Besserer
5 to 5:30 p.m.—Brother Bob
5:30 to 6 p.m.—Cressy Ferra, planist
6 to 7 p.m.—Hotel Oakland concert trio
7 to 7:30 p.m.—News broadcast
7:30 to 8 p.m.—Edna Fischer
8 to 9 p.m.—Helen Wegman Parmelee, planist;
Helga Brown, mezzo-soprano, and Grace Burroughs, violinist
9 to 10 p.m.—Recordings

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

7 a.m.—Sussman & Wormser morning exercise, KFI, KPO
8 a.m.—Shell Happy Time from KPO
11:45 a.m.—French lesson, Annette Doherty
12 noon—Dept. of Agriculture talk
12:15 p.m.—Federal and state market reports
12:30 p.m.—Paris Inn Cafe Orchestra
13:30 p.m.—Dicky Thomas, acc. Berta Hill
2 p.m.—Julia Hodges, Spanish songs
2:30 p.m.—Amphion Trio
3:15 p.m.—Universal Safety Series, NBC
3:30 p.m.—Glen Edmund and his Collegians
5 p.m.—General Electric Co., NBC
6 p.m.—Lucky Strike Hour, NBC
7 p.m.—Studio program
7:55 p.m.—Better Business Bureau talks
8 p.m.—Temple of the Air, NBC
8:30 p.m.—KFI-KPO program for Earle C. Anthony, Inc.
9:30 p.m.—Studio program
10 p.m.—KFI Symphonette
11 p.m.—KFI Symphonette
11 p.m.—KFI Midnight Frolic

ARC

American Broadcasting Company

-KJR, KEX, KGA, KYA, KMTR, KDYL, KLZ -KJR, KEX, KGA, KYA, KMTR -KJR, KEX, KGA -KJR, KEX, KGA, KDYL, KLZ 7 to 8 a.m.—Vim, Vigor, Vitality—C 8 to 9 a.m.—Anthony Euwer and the Golden Hour Orchestra-A to 9:30 a.m.-Better Homes Half Hour-A 9:30 to 9:45 a.m.—Novelty program—A 9:45 to 10 a.m.—Devotional service—A 9:45 to 10 a.m.—Devotional service—A
10 to 11 a.m.—American Popular Orchestra—A
11 to 12 noon—Olympic Rangers' Orchestra—E
12 to 12:15 p.m.—World in Review—E
12:15 to 12:30 p.m.—Vignettes Moderne—A
12:30 to 1:30 p.m.—American Salon Orchestra—A
1:30 to 2 p.m.—Song recital—A
3 to 4 p.m.—Sixty Minutes with Great Masters—E -E 4 to 5 p.m.—American Salon Orchestra—E 5 to 6 p.m.—Vic Meyers' Orchestra—B (KYA from 5:30) 6 to 7 p.m.—ABC Revue—B 7 to 7:30 p.m.—Artistic Ensemble—B 7:30 to 8 p.m.—Wandering Minstrels—B 8 to 8:30 p.m.—Great American App American Applebury's, comedy sketch-B 8:30 to 9 p.m.—Vale of Yesterday—B 9 to 9:30 p.m.—Zandra, the Man Who Sees All, with the American Salon Orchestra—B 9:30 to 10:30 p.m.—Vic Meyers' Orchestra—B 10:30 to 11 p.m.—Charmed Land Singers—B 11 to 12 midnight—Show Boat with Vic Meyers' Orchestra and a large supporting cast of entertainers-B

239.9 Meters 1250 Kcys.

KFOX

Channel 125 1000 Watts

Nichols & Warinner, Long Beach, Calif.

7 to 7:30 a.m.—Hello Everybody 7:30 to 8 a.m.—Joe and Chloe 8 to 8:15 a.m.—Records 8:15 to 8:45 a.m.—Bright and Early Hour 8:45 to 9:20 a.m.—Novelty program 9:20 to 9:30 a.m.—Organ recital 9:30 to 10 a.m.—Hawaiian program 10 to 10:10 a.m.-Spanish program 10:10 to 10:20 a.m.-Popular songs 10:10 to 10:20 a.m.—Popular songs
10:20 to 10:30 a.m.—Salon music
10:30 to 10:50 a.m.—Popular dance music
10:50 to 11:30 a.m.—Records; beauty talk
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, Roy L. Medcalfe
12:30 to 1 p.m.—Helene Smith, planist
1 to 2 m.—Varsity Boys: quartet 1 to 2 p.m.—Varsity Boys; quartet 2 to 2:15 p.m.—Health talk 2:15 to 2:30 p.m.—Doris and Clarence 2:30 to 4 p.m.—Long Beach Municipal Band 2:30 to 4 p.m.—Long Beach Municipal Band 4 to 5 p.m.—News report; Originality Girls 5 to 6 p.m.—Organ recital, Roy L. Medcalfe 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.—Breakers Hotel Orchestra 7:30 to 8 p.m.—Breakers Hotel Orchestra 8 to 9 p.m.-Quartet and Eleanor Sammons, soprano

9 to 10 p.m.—Ambassador Hotel Orchestra 10 to 11 p.m.—Breakers Hotel Orchestra 11 to 1 a.m.—Dorado Club, Four Red Coats

NBC

National Broadcasting Company

3:15 to 3:30 p.m.—Universal Safety Series Hon. James J. Davis, Secretary of Labor, will be heard in a fifteen-minute talk on "Safety and the Worker" during the Universal Safety Series broadcast through KHQ, KOMO, KGW, KGO and KFI.

4 to 5 p.m.-The Cavalcade Filing past the microphone to contribute their share of vocal and instrumental divertisement to the invisible listening audience, the array of radio stars who form The Cavalcade will be presented in a coast-to-coast broadcast through KOMO, KGW and KGO.

5 to 6 p.m.—General Electric Hour Under Nathaniel Shilkret's direction, orchestra with Gladys Rice, soprano, and Robert Simmons, tenor, as soloists.

Broadcast through KHQ, KOMO, KGW,

KGO, KPO and KFI.

6 to 7 p.m.—Lucky Strike Hour

Radio auditors from coast to coast will be able to dance to the "tunes that made Broadway Broadway" as B. A. Rolfe and his Lucky Strike Dance Orchestra broadcast through KHQ, KOMO, KGW, KGO, KPO and KFl.

7 to 8 p.m.—Nights in Spain

Transporting dialers to the romance-filled atmosphere of starlit Spanish patios, another "Nights in Spain" hour will be broadcast. Melodies typical of the European kingdom

will be sung by Francesca Ortega, contralto, and Easton Kent, tenor. Max Dolin will direct the orchestra.

Broadcast through KHQ (7 to 7:30 p.m.), KOMO, KGW and KGO.

8 to 8:30 p.m.-Temple of the Air

Mixed and male quartets, a bass soloist, tenor and soprano duetists, and an orchestra will sing and play in the "Temple of the Air" tonight.

tonight.

One of the best known of popular old-world melodies, "La Cinquantaine," by Gabriel-Marie, will be the orchestra's initial number. The male quartet will be heard in a special arrangement of the song, "Lady Divine," which was composed by Nathaniel Shilkret, nationally known orchestral conductor and composer at the NBC's New York studios. The only solo will be offered by the basso, who will sing "Spanish Gold."

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

KGO, KPO and KFI.

9 to 10 p.m.-Golden Legends

National Players and staff artists will be heard through NBC system stations tonight broadcasting the last of the "Golden Legends" hours, "The Lady of Lyons." This program closes the series of these beloved tales until fall.

Broadcast through KHQ, KGW and KGO.

10 to 11 p.m.—School Days

Professor Knicklebine's little red school-ouse, "open all year round," will be on the house,

air tonight.
While the kiddles have vacation, the radio school pupils know no change and the usual program of recitations, songs and school days antics will be heard. Music will precede and follow the half-hour in school.

Broadcast through KOMO, KGO and KPO.

11 to 12 midnight-Let's Dance

Syncopated airs by a jazz band and under Frank Ellis' direction will be heard through KOMO, KGO and KPO.

491.5 Meters Channel 61 KFRC 610 Kcys. 1000 Watts

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.—Alice Blue, Al. Pearce and Nor-

man Neilson

man Neison
11 to 11:45 a.m.—Amateur auditions
11:45 to 12 noon—Church announcements
12 to 1 p.m.—Sherman-Clay noonday concert
2 to 3 p.m.—KHJ recital program
3 to 4 p.m.—Charlie Wellman's Chasin' tl

Blues
4 to 5 p.m.—Don Lee Broadcasting System
5 to 6 p.m.—Sunset Quintet
6 to 7 p.m.—Organ recital by W. Tourtelotte
7 to 8 p.m.—Richfield program
8 to 9 p.m.—Continuity program
9 to 10 p.m.—Don Lee Symphony Orchestra
10 to 10:10 p.m.—Amos 'n' Andy
10:10 to 11:10 p.m.—Anson Weeks' Mark Hopkins Orchestra
11:10 to 12:10 a.m.—Bitmore Hotel Orchestra

11:10 to 12:10 a.m.—Biltmore Hotel Orchestra 12:10 to 1 a.m.—Dorado Club Dance Music

483.6 Meters KGW Channel 62 620 Kcvs.

1000 Watts The Morning Oregonian, Portland, Oregon

7:45 to 8 a.m.—Devotional services
8 to 9 a.m.—Shell Happy Time
9 to 9:20 a.m.—Oregonian Cooking School
9:20 to 11:30 a.m.—Town Crier
1 to 1:20 p.m.—Stock market quotations
1:20 to 1:35 p.m.—4-H Club program

1:35 to 2 p.m.-Musical entertainment

1:35 to 2 p.m.—Musical entertainment
2 to 4 p.m.—Bassball
4 to 5 p.m.—Cavalcade program, NBC
5 to 6 p.m.—General Electric Co. program, NBC
6 to 7 p.m.—Lucky Strike Hour, NBC
7 to 7:30 p.m.—Nights in Spain, NBC
7:30 to 8 p.m.—Durant Divertissements
8 to 8:30 p.m.—Temple of the Air, NBC
8:30 to 9 p.m.—Raybestos Twins, KOMO
9 to 10 p.m.—"Golden Legends," NBC
10 to 12 midnight—KGW Hi Jinx

315.6 Meters **KFWB** Channel 95 950 Kcvs. 1000 Watts

Warner Brothers, Hollywood, California 8 a.m.—Harry Q. Mills, organist; Harmony Quartet and entertainers

Quartet and entertainers
10 a.m.—Harmony Hour
11:15 a.m.—Chats with Merion
12:30 p.m.—Musical program
12:45 p.m.—Air Journal
2:10 p.m.—Coast League baseball game
4:30 p.m.—Radio Travel Tales

4:30 p.m.—Radio Travel Tales
5 p.m.—Radio Review
6:20 p.m.—Musical program
6:30 p.m.—Harry Jackson's entertainers
7 p.m.—Ann Grey, songs; Frank Shoemaker, saxophone, and Don Warner, piano
7:30 p.m.—Hollywood String Quartet
8 p.m.—Mona Motor Oilers; Esther White and Lucky Wilber, harmony numbers
9 p.m.—Courtesy program
9:30 p. m.—Irving Aaronson and his Commanders

manders

10 p.m.—Amos 'n' Andy 10:10 p.m.—Irving Aaronson and manders Comhis

10:40 p.m.—Roy Fox' Orchestra 12 to 12:40 a.m.—Organ recital

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; stocks and

3:15 to 3:30 p.m.—Universal Safety Series, NBC

3:15 to 3:30 p.m.—Universal Safety Series, NBC 4 to 5 p.m.—The Cavalcade, NBC 5 to 6 p.m.—General Electric Hour, NBC 6 to 7 p.m.—Lucky Strike Hour, NBC 7 to 8 p.m.—Nights in Spain, NBC 8 to 3:30 p.m.—Temple of the Air, NBC 8:30 to 8:45 p.m.—Sport review, Al Santoro 8:45 to 9 p.m.—Olivia Dunn and Betty Kelly 9 to 10 p.m.—Golden Legends, NBC 10 to 11 p.m.—School Days, NBC 11 to 12 midnight—Let's Dance, NBC 12 to 1 a.m.—Wilt Gunzendorfer and his Hotel Whitcomb Band

Whitcomb Band

280.2 Meters **KJBS** Channel 107 1070 Kcys. 100 Watts

J. Brunton & Sons, San Francisco, Calif. 7 to 8 a.m.-Early Bird Hour

8 to 8:30 a.m.—Chrysler program 8:30 to 9 a.m.—Favorite recordings

8:30 to 9 a.m.—Favorite recordings 9:30 to 10 a.m.—American tunes 10 to 10:30 a.m.—Pacific Nash program 10:30 to 11 a.m.—Dance records 11 to 11:30 a.m.—Hot'n Kold melodies 11:30 to 1 p.m.—Variety records 1 to 1:30 p.m.—Raymond Melodists 1:30 to 3 p.m.—Popular records 2 to 4 nm —Orehestra recordings

1:30 to 3 p.m.—Popular records
3 to 4 p.m.—Orchestra recordings
4 to 4:30 p.m.—Packard half hour
4:30 to 5 p.m.—Dance music
5 to 5:30 p.m.—Organ recordings
5:30 to 6:30 p.m.—Variety records
6:30 to 7:30 p.m.—Dinner music

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

10 to 11 a.m.—Helpful Hour 11 to 12 noon—Watsonville program

11 to 12 noon—Waisonville program
12 to 12:30 p.m.—Capitola program
12:30 to 1 p.m.—Market reports and weather
1 to 1:30 p.m.—Hart's Happy Half Hour
1:30 to 2:30 p.m.—The Friendly Hour
2:30 to 3:30 p.m.—Musical program
5 to 5:30 n.m.—Children's program
5:30 to 5:45 p.m.—Musical program
5:45 to 6 n.m.—Franco's program
5:45 to 6 n.m.—Franco's program

5.45 to 6 p.m.—Franco's program 6:30 to 6:50 p.m.—Musical program 6:50 to 7 p.m.—Farmers' Exchange 7 to 7:30 p.m.—Farm Bureau evening news

7:30 to 8:30 p.m.—Musical program 8:30 to 9:30 p.m.—KQW Minstrels

9:30 to 11 p.in.—Musical program

422.3 Meters KFVD 710 Kcys.

Channel 71 250 Watts

Auburn Fuller, Culver City, California

Auburn Fuller, Culver City, Californ
7 to 9 a.m.—The "Sunshine Boys"
9 a.m.—Dan Maxwell, Scotch comedian
11 a.m.—Marian Gay, Smile Girl
12:30 p.m.—Tom and Wash
1:15 p.m.—Hal Roach comedy gossip
2:30 p.m.—Lake Norconian Club Orchestra
3 p.m.—Auburn Orchestra
4 p.m.—El Dorado program
5:45 p.m.—Timely topics
8:30 p.m.—Good Humor Orchestra
9 p.m.—Yale Orchestra
10 p.m.—Chinese Ballroom Orchestra

10 p.m.—Chinese Ballroom Orchestra 11 to 1 a.m.—Sebastian's Cotton Club Orchestra

Channel 93 322.4 Meters KFWI 500 Watts 930 Kcys. Radio Entertainments, San Francisco, Calif.

7 to 8 a.m.-Health exercises, Cal King 7 to 8 a.m.—Heath exercises, Car King 9 to 9:30 a.m.—Country Store 9:30 to 10 a.m.—Recordings 10 to 10:30 a.m.—Charlie Glenn, songs 10:30 to 10:50 a.m.—Dr. Linebarger, health talk 10:50 to 11 a.m.—News items; weather 10:50 to 11 a.m.—News items; weather
12 to 1 p.m.—Luncheon program
1 to 1:30 p.m.—Cal King's Country Store
6:30 to 7 p.m.—Dinner program; songs by Cara
Roma, composer, and assisting artists; Edna
B. Saake, contracto

8:30 to 9 p.m.-Jack Burt, baritone

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

8 to 9 a.m.-The Squirrels 11 to 11:30 a.m.—Musical program 11:30 to 12 noon—Vanity Fair program 1:30 to 2:30 p.m.—Edna's Entertainment Hour 2:30 to 3:40 p.m.—Organ recital 3:40 to 4:30 p.m.—Basque and Gibson 4:30 to 5:30 p.m.—Truett-George studio, banjo ups and downs 5:30 to 6 p.m.—Kingdom talk; classical music 5:30 to 6 p.m.—Kingdom tark; classical musi 7 to 8 p.m.—Doc Herrold 8 to 8:30 p.m.—The Watch Tower program 8:30 to 9 p.m.—Musical program 9 to 10 p.m.—The Vikings 10 to 11:30 p.m.—Variety program

333.1 Meters Channel 90 1000 Watts 900 Kcys.

Don Lee, Inc., Los Angeles, California

7 to 7:30 a.m.—Physical culture period 7:30 to 8 a.m.—Recordings 8 to 9 a.m.—"Early Birds" 9 to 10 a.m.—Recordings

10 to 10:30 a.m.—Baron Keyes, "Song Revue" 10:30 to 11 a.m.—Mona Content, pianist, and 10:30 to 11 a.m.—Mona Content, pianist, and Leslie Brigham, baritone
11 to 11:15 a.m.—Recordings
11:15 to 11:30 a.m.—National Perc. Co. program
11:30 to 12 noon—Studio program
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.—Organ recital by Leigh Har-

line

1:30 to 2 p.m.-Charlie Wellman's program

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

4 to 4:15 p.m.-Walter Murray, Talk on Books 4:15 to 4:30 p.m .- Auto Combustion and Lubri-

4:30 to 4:45 p.m.—Playground Department 4:30 to 4:35 p.m.—Payground Department 4:45 to 5 p.m.—Spanish lesson, Mrs. Doherty 5 to 5:30 p.m.—KHJ Quintet 5:30 to 6 p.m.—"Up from the Earth" 6 to 6:45 p.m.—Orean and singers 6:45 to 7 p.m.—World-wide news

7 to 8 p.m.—Light opera hour, singers and orch, 8 to 9 p.m.—Continuity program 9 to 10 p.m.—Don Lee Symphony Orchestra 10 to 12 midnight—Earl Burtnett's dance or-

chestra

12 to 1 a.m.-Wesley Tourtellotte; Two Texas Boys

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

7 to 7:45 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 and Will Hancock 9:30 to 10 a.m.—Dobbsie's Daily Chat; Art Fad-

den, pianist 10 a.m.—Bank of America of California 12 to 12:05 p.m.—Scripture reading, announce-

ments 12:05 to 12:55 p.m.—Aeolian Trio

12:05 to 12:55 p.m.—Aeolian Trio
12:55 to 1 p.m.—Stock market quotations
1 to 1:30 p.m.|—Jerry Jermaine for Hales
1:30 to 2 p.m.—Ann Warner's Home Chats
2:30 to 2:43 p.m.—Ye Towne Cryer
2:43 to 2:45 p.m.—Kozak Radiograms
2:45 to 4:30 p.m.—Baseball broadcast
4:30 to 4:40 p.m.—Stock market quotations
4:40 to 5 p.m.—Children's Hour
5 to 6 p.m.—Gerral Electric NBC

4:40 to 5 p.m.—Children's Hour 5 to 6 p.m.—General Electric, NBC 6 to 7 p.m.—Lucky Strike Hour, NBC 7 to 8 p.m.—Daily Reologue 8 to 8:30 p.m.—Temple of the Air, NBC 8:30 to 9:30 p.m.—Packard program, KPO, KFI 9:30 to 10:30 p.m.—Jesse Stafford's Dance Or-

10:30 to 11 p.m.—School Days, NBC 11 to 11:02 p.m.—Kozak Radiogram 11:02 to 12 midnight—Let's Dance, NBC

325.9 Meters KOMO 920 Kcys.

Channel 92 1000 Watts Fisher's Blend Station, Seattle, Washington

7:55 a.m.—Inspirational services 8 a.m.—Shell Happy Time 9 a.m.—Theatre organ 10 a.m.—Y. M. C. A. health exercises 10:30 p.m.—Organ recital

11 p.m.—Orchestra; Greenwood Mitchell and Alice Maclean 12 noon—"Joy Boys" 12:15 p.m.—Orchestra with Fred Lynch and

Walter Reseburg

1:45 p.m.—Art Lindsay and Bob Vierling 2 p.m.—Orchestra; "Nip and Tuck" and Fred

2 p.m.—Orchestra; "Nip and Tuck" and Fred Lynch
3 p.m.—"Joy Boys"
3:15 p.m.—National Safety Council, NBC
3:30 p.m.—Mining stock quotations
4 p.m.—Stock and bond quotations
4 p.m.—The Cavalcade, NBC
5 p.m.—General Electric Co, program, NBC
6 p.m.—Lucky Strike Dance Hour, NBC
7 p.m.—Nights in Spain, NBC
8 p.m.—Temple of the Air, NBC
8:30 p.m.—Raybestos program, NBC
9:15 p.m.—Gyrators; James Harvey and the Varsity Serenaders
10 p.m.—"School Days," NBC
11 p.m.—"Let's Dance," NBC
12 to 12:30 a.m.—McKinley Sisters; James Harvey and Zita Dillon

265.3 Meters **KSL** Channel 113. 1130 Kcvs. 5000 Watts Radio Service Corp., Salt Lake City, Utah

4 p.m.-"The Cavalcade," NBC

5 p.m.—General Electric program, NBC
6 p.m.—"Lucky Strike Hour." NBC
7 p.m.—The Evans Sisters Trio

7:30 p.m.—String quartet
8 p.m.—Brimley Brothers Quartet
8:30 p.m.—KSL Newcomers; radio amateurs
9 p.m.—Provo variety program
10 p.m.—"Amos 'n' Andy"

10:15 p.m.—Dance music

243.8 Meters 1230 Kcys.

KYA

Channel 123 1000 Watts

Pacific Broadcasting Corp., San Francisco
7 to 8 a.m.—Vim, Vigor and Vitality, ABC
8 to 8:05 a.m.—Newscasting, ABC
8:05 to 8:15 a.m.—Anthony Euwer, ABC
8:15 to 8 a.m.—Golden Hour orchestra, ABC
9 to 9:30 a.m.—Mary Cooke, better homes, ABC
9:30 to 9:45 a.m.—Eaton and Robillard, ABC
9:45 to 10 a.m.—Devotional service, ABC
10 to 11 a.m.—Popular Orchestra, ABC
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—News items

10 to 11 a.m.—Popular Orlessia, ABC
11 to 12 noon—California Sunshine Hour
12 to 12:15 p.m.—News items
12:15 to 12:30 p.m.—Vignettes Moderne, ABC
12:30 to 1:30 p.m.—Vignettes Moderne, ABC
1:30 to 2 p.m.—Song recital. ABC
1:30 to 2 p.m.—Song recital. ABC
1:30 to 2 p.m.—Buseball from Recreation Park
4:45 to 4:45 p.m.—Buseball from Recreation Park
4:45 to 4:45 p.m.—News
5 to 5:30 p.m.—Trio and Cryer period
5:30 to 6 p.m.—Vic Meyers' orchestra, ABC
6 to 7 p.m.—ABC Revue, ABC
7 to 7:30 p.m.—Amer. Artistic Ensemble. ABC
7:30 to 8 p.m.—Wandering Minstrels, ABC
8 to 8:30 p.m.—Great American Appleburys, a
comedy sketch, ABC
9:30 to 9:30 p.m.—Zandra and the American Sa100 Orchestra. ABC
9:30 to 10:30 p.m.—Vic Meyers' Orchestra, ABC
10:30 to 11 p.m.—Charmed Land Singers, ABC
11 to 12 midnight—Show Boat Revue, ABC

361.2 Meters 830 Kcys.

KOA

Channel 83 12.500 Watts

General Electric Co., Denver, Colorado

4 to 5 p.m.—The Cavalcade, NBC 5 to 6 p.m.—General Electric Hour, NBC 6 to 7 p.m.—Lucky Strike Hour, NBC 7 to 7:15 p.m.—News of the World 7:15 to 7:45 p.m.—International Sunday School

285.5 Meters 1050 Kcvs.

KNX

Channel 105 5000 Watts

L. A. Evening Express. Los Angeles, Calif.

L. A. Evening Express. Los Angeles, Calif. 6:45 to 8 a.m.—Health exercises 8:15 to 9 a.m.—Proctor's courtesy program 9 to 9:30 a.m.—Musical program 9:30 to 10 a.m.—Radio shopping news 10 to 10:30 a.m.—Town Crier's morning message 10:30 to 12:30 p.m.—Musical program 12:30 to 12:30 p.m.—Musical program 12:30 to 12:45 p.m.—W. F. Alder travelogue 1 to 1:30 p.m.—Beauty talk 1:30 to 2 p.m.—The Bookworm 2 to 2:30 p.m.—Courtesy program 4 to 4:15 p.m.—Stock market reports 4:30 to 5 p.m.—C. P. R's musical program 5:15 to 5:45 p.m.—'Own Your Own Home' 5:45 to 6:30 p.m.—Timely amusement tips 6 to 6:30 p.m.—Playgoers' Club 6:30 to 7 p.m.—KNX Concert Orchestra 7 to 7:30 p.m.—Courtesy program 1:0 8:05 p.m.—Courtesy program 1:0 8:05 p.m.—Feature program 1:0 8:05 p.m.—Announcement of church ser_vices

vices

8:05 to 10 p.m.—Feature program 10 to 12 midnight—Gus Arnheim and his Cocoa-

nut Grove Orchestra
12 to 1 a.m.—Dorado Club Silver Fizz dance hour
1 to 2 a.m.—The Midnite Express

499.7 Meters 600 Kcys.

KFSD

Channel 60 1000 Watts

Airfan Radio Corp., San Diego, Calif.

9 to 10 a.m.—Morning musical 10 to 11 a.m.—Amy Lou 11 to 12:30 p.m.—Service Hour 2:30 to 3:30 p.m.—Balboa Park organ recital 5 to 6 p.m.—Nightly Musical Review

6 to 6:15 p.m.—News items 6:15 to 7 p.m.—Scrap Book Hour with Rose Gal-

lagher and Leona Rolfes
7 to 8 p.m.—KFSD Trio
8 to 8:30 p.m.—San Diego Violin School pupils
8:30 to 9 p.m.—Easley Players, under the direction of Florence Greer
9 to 9:30 p.m.—Alice Warwick and the Olivery

wood chorus 9:30 to 10 p.m.—Don Banster, baritone; Leah

McMahon, acc. 10 to 11 p.m.—Ratliff's Dancing Academy 11 to 12 midnight—Hotel Del Coronado Dance Orchestra

319.0 Meters KOIN 940 Kcys.

Channel 94 1000 Watts

The Portland News, Portland, Oregon

9 to 9:30 a.m.-Portland Theater organ 9:30 to 12 noon-Women's programs 12 to 1 p.m.-Luncheon concert 1 to 1:30 p.m.—Hawailan trio 1:30 to 2 p.m.—Novelty studio program

1:30 to 2 p.m.—Novelty studio program
2 to 3 p.m.—Musical program
3 to 5 p.m.—Portland News matinee
5 to 6 p.m.—Novelty studio program
6 to 7 p.m.—Heathman Hotel pipe organ
7 to 7:30 p.m.—Benson Hotel Orchestra
7:30 to 10 p.m.—Various studio programs
10 to 11 p.m.—Stetson Syncopators
11 to 12 midnight—Warner Stone's Jantzen
Reach Orchestra

Beach Orchestra

12 to 2 a.m.-Dance orchestra and novelties

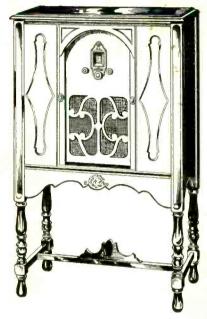
230.6 Meters KTBI 1300 Kcys.

Channel 130 1000 Watts Bible Institute of Los Angeles, California

7 to 7:30 p.m.—Jewish service 7:30 to 8 p.m.—Instrumental trio 8 to 9 p.m.-Musical program 9 to 10 p.m.—Organ recital

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