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Hours: 9 a.m. to 5 p.m.  
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Neuroscrometer Service  
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Phones: Office, 100-W  
Residence, 98-R

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COMPLETE OPTICAL SERVICES  
1503 Cabrillo Ave.  
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**Dr. Norman A. Leake**  
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Office, First National Bank Bldg.  
Telephone 90  
Residence, 1525 Marcelina Ave.  
Telephone 18-M

**J. R. JENSEN**  
Attorney at Law  
Office 1205 E Prado  
Torrance, California  
Phone Torrance 3

**Drs. Lancaster and Shidler**  
PHYSICIANS AND SURGEONS  
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Office, First National Bank Bldg.  
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2171 Cravens Ave. Telephone 341  
Residence—2021 Carson  
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**Dr. W. W. Richards**  
1172 West 7th St.  
San Pedro 1321-M

**Dr. A. P. Stevenson**  
Physician and Surgeon  
Office, Levy Bldg., 1311 Sartori Ave.  
Phones: House, 187-J Office, 96  
Torrance, Calif.

**Dr. C. E. Hotchkiss**  
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X-Ray and Laboratory Service  
1311 Sartori Ave., Levy Bldg.  
Phone 206 Torrance

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Complete X-Ray Service  
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**PEERLESS LAUNDRY**

Phones  
Torr. 174 or Lomita 285  
LEAVE BUNDLES LOMITA CLUB  
1131 Narbonne Ave.

**PILES**

Cured without Operation  
All rectal diseases treated in  
the office.  
SEND FOR FREE BOOK-  
LET. G. W. Fuller, M. D., and  
Associates. 902 Western Pacific  
Building. 1031 S. Broadway, Los  
Angeles.

**Our Removal Sale  
Is Certainly Going  
Over Big**

Hundreds of Torrance and out-of-town people have taken advantage of the wonderful savings, but

**We Still Have Plenty of Fine Furniture Left**

A DELAYED SHIPMENT OF LAMPS came in Saturday. All fresh stock and some very beautiful designs. We marked them for this sale at

**\$2.00 to \$13.50**

for the shades, and

**\$3.40 to \$8.25**

for the stands. Regularly priced much higher.

**A LARGE COMFY OTTOMAN or FOOTSTOOL**

makes an ideal gift for the man of the house. We are offering them at

**\$3.40 to \$8.25**

We still have a large assortment of smokers, magazine racks, mirrors and numerous other articles which make lovely and acceptable gifts.

Our stock of living room furniture is up-to-date and complete. The finest of Mohairs, mahogany finished, tapestry cushions. All the new designs

**From \$113.00 to \$179.50**

Jacquards and velours at lower prices

Karpen dining room furniture

Kroehler bed davenport

DeLuxe Springs

Sanotuf Mattresses

QUALITY AND LOW PRICE

Open Evenings 'til Christmas

**Huddleston Furniture Co.**

1317 Sartori Avenue TORRANCE  
PHONE 105-M

**TIME TABLE**

LONG BEACH—LOS ANGELES—HOLLYWOOD  
Motor Coach Line

Lv. Torrance for Moneta, Western City, and Manchester Ave., Los Angeles: A. M. 6:59 except Sunday, 9:39; P. M. 12:34, 2:44, 4:44, 7:44 and 11:34.

Lv. Torrance for Keystone, Davidson City, Watson, and Long Beach:—A. M. 7:46, daily except Sunday; 10:41; P. M. 1:31, 3:31, 5:36, 8:41 and 12:36 A. M

\*Direct connection with Green Buses to Hollywood and Los Angeles shopping district. Also Yellow Buses to Inglewood and Graham.

FARES:—Torrance to Manchester Ave., Los Angeles, ONE WAY, 25c; ROUND TRIP, 40c. Los Angeles City Fares, 10c.

WEST SIDE TRANSIT CO.  
Phone 664-89 Long Beach

**STONE & MYERS**

LICENSED EMBALMERS  
TORRANCE Phone 196  
AMBULANCE SERVICE  
LOMITA Phone 347  
1732 Carillo 1204 Narbonne

**TRY OUR WANT ADS FOR BEST RESULTS**

**Use New Device for University Speaking Class**

Dean Explains Use of Tele-  
graphone at U. S. C.

"No person hears his or her own voice as others hear it," states Dean Ray K. Immel of the School of Speech of the University of Southern California, in explaining the Telegraphone, a new speech recording and reproducing device adopted for classroom use at the Trojan institution.

"As a concrete example of how we expect to use the Telephone in the speech classes," states Dean Immel, "ten students at the beginning of a semester will register a paragraph of one minute's duration on a record, leaving a 'minute' of blank space between each student's voice. This record will be preserved. Then, after taking courses in voice and diction, technique of reading, art of interpretation, dramatics, story telling, public speaking, pulpit oratory, speech science, or argumentation and debate, the same ten students, using the blank space left between the original speeches, will again record the same paragraph and by actual comparison demonstrate the improvement due to study."

Having the distinction of being the only one in the west with the combined advantages of university and professional work, the School of Speech of the University of Southern California trains the platform lecturer and professional speaker as well as the business man and woman and pre-legal student in every phase of oral English, and through a study of the best in literature and drama stimulate a creative use of the emotions and imagination in stage presentation. Used in connection with an acousticon and employing the same principle as the microphone, the Telegraphone may be used in the School of Speech for rate, pitch, and tone of voice; in the modern language department at S. C. in connection with French, Spanish, and Italian accents and pronunciation; and in the Trojan College of Music for criticism and encouragement.

Placing an acousticon some 15 feet from where the students are seated, far enough to eliminate consciousness of an instrument, the first actor calls to give the benefit of correction or commendation; then presses a button controlling a small dial instrument on his desk, and the voice is recorded up to a 30-minute limit. The sound waves are converted into electric vibrations on to magnetized steel wire wound on a cylindrical spool. Then, in order to give the benefit of correction or commendation, with the voice stripped of all personality, another button is pressed by the professor, and the recitation is reproduced, either wholly or in part, with as many repetitions as needed. If desired, the spool is removed and preserved. No matter how many times the record is reproduced, according to Dean Immel, it is still as strong as when originally heard.

To eradicate the record and reuse the spool for another "spiel" the recording button is pressed and a new speech spoken into the acousticon; the wire is automatically re-magnetized, the first recitation displaced, and a second one recorded all at the same time. Voice flaws, hisping, halting, stammering, and mumbling can be more easily ironed out and eliminated in analyzing them impersonally with the owner of the voice, able to hear his or her own tones and inflections, "before her very ears," according to Dean Immel.

Collegiate groups who are to broadcast radio programs, either dramatic, musical, or educational, can now "try out" their efforts on themselves in advance for timing, pitch, enunciation, silence, and emphasis. Also, any outside speech or program received by radio can be "taken off" on the Telegraphone, and then reproduced, using a loud speaker, before such university classes as political science or current events.

**Dodge to Erect World's Largest Sign in New York**

DETROIT.—To the scores of brilliant electric displays in New York's theatrical and night life district, Dodge Brothers soon will add what is to be the largest and latest type of illuminated sign. Switches controlling the huge spectacle will be thrown for the first time on New Year's Eve.

Blazing colored letters as tall as a house will proclaim the company's name. Underneath the words "Dodge Brothers" will be a so-called "motograph" or "running-reading sign" on which messages of nearly 100 words will race across a separate panel in letters more than seven feet high. This motograph will appear to be a scroll unwinding on one end and winding up on the other. The electrical controls for the motograph are operated by a paper tape, somewhat after the order of a piano-player, roll, so that the messages may be changed from week to week.

The sign, measuring 15 by 100 feet, will be mounted on a steel framework atop the Strand theatre building, 47th street and Broadway, in the center of the world famous New York electric spectacles.



**BUYING MINERALS—CALCIUM**  
By Rama V. Bennett, Nutritionist, L.A.C.P.H.A.

Food authorities claim that the American dietary is probably more deficient in calcium than in any other element. Fats, sugars, starches and meats are poor calcium contributors. Cheese, milk, eggs (especially the yolk), fruits and vegetables are the valuable calcium foods.

It is well to remember that a quart of milk gives a child sufficient calcium for his daily need (1 gram). Adults need only a little more than one half of the child's requirements. Sherman says that usually the calcium supply depends more largely upon milk than upon all other foods combined. It is comparatively cheap as well as adequate. For fifteen cents a child may secure his daily calcium supply and the adult for nine cents. Six cents worth of cottage cheese which can be bought at twenty cents a pound, supplies a day's calcium requirements. For the child, however, it is not as desirable as the milk. In the same way five pounds of carrots at five cents a pound would not be advisable from the bulk standpoint, although the calcium content would be adequate in quantity but not quality.

Low cost dietaries which must include a large per cent of cereal products are apt to be inadequate in calcium unless money is spent on milk. Cooked cereal and milk satisfy many nutritional needs, especially if unrefined cereals are used. Dried beans are a cheap source of calcium, also molasses. The cheapest vegetables rich in calcium, are the common "greens" such as dandelions, turnip tops, chard, cabbage and carrots. Cauliflower and celery are also good, but more expensive. Oranges and figs lead all fruit in calcium content.

Clam chowder and other fish dishes are good.

Calcium is indispensable for the muscles, nerves, blood, bones and teeth of every family member. Children especially need it for the growing of sound teeth. An adequate calcium diet greatly diminishes the possibility of bowed legs, knock knees, flat feet and defective teeth in childhood and adult life. Other minerals and vitamin D are necessary for the body's utilization of calcium.

Pregnant and nursing mothers need calcium or else their own teeth and bones suffer.

Budget for calcium every day. It means buying for health and straighter bodies.

**Legion National Commander Will Visit California**

SAN FRANCISCO.—Edward E. Spafford, National Commander of the American Legion is to pay California a visit during the latter part of this month, according to word received today from National Headquarters of the Legion by James K. Fish, state adjutant of the world war veterans organization.

According to present plans, Commander Spafford will be received by the Legion men in Oakland and San Francisco before the journey to the south to participate in the annual Tournament of Roses at Pasadena on January 24. It is expected that several train talks will be made at points in the San Joaquin valley during the commander's trip south.

Mr. and Mrs. Linden Chandler and daughters Mr. and Mrs. N. L. Perry and Roy Dawson enjoyed a romp in the snow on Mt. Baldy Sunday.

**AND DON'T FORGET Johnston's HARD CANDIES**

FOR CHRISTMAS 60c lb.

Fresh Stock Just In  
Johnston's Candies Are Known the Country Over for Their Excellent Quality

Agent for Owl Products  
1519 Cabrillo Torrance  
We Give Double S & H Green Stamps Every Wednesday

**IT'S GIFT-TIME IN TOYLAND**

**Santa Has Unloaded His Sleigh at the J. W. Barnes Co.**

Bring the children down to see this avalanche of Toys from the Northland. Watch their little eyes "pop out" when they see the Northland window display with its icy mountains, electric trains roaring through big snow-covered tunnels and hundreds of other sights to thrill children's hearts.

**Almost Half The Store Is Turned Over To Toys This Week -- Here are Only a Few--**

Dolls—\$1.25 to \$7.75	Steam Shovels	\$1.25 to \$2.50
Reed Doll Buggies—\$3.75 to \$11.50	Toy Horns	50c to \$1.75
Mechanical Toys, Games, Mechanical Trains, Electric Trains, Toys, 25c to \$18.50	Trombones	\$1.25
Toy Dishes	Cornets	\$1.00 to \$1.75
Games	Hutslers Toys	50c to \$4.50
Blocks	Tinker Toys	50c to \$1.00
Sewing Sets	Sand Toys	\$1.00
Mechanical Toys	Books	15c to \$1.50
Drums	Black Boards	\$1.35 to \$3.75
Boxing Gloves	Tree Decorations	35c dozen to 60 each
Fielders' Mitts	Tinsel	25c to 60c
Baseman's Mitts	8 Lamp Tree Sets	\$2.85
Footballs	Extra Track for Electric Trains	
Moulding Clay	Narrow Gauge	15c
Erector Sets	Wide Gauge	25c
Tool Chests	Extra Switches for Electric Trains	
Doll Wardrobe Trunk	Narrow Gauge	\$2.95 pair
Doll Cradles	Wide Gauge	\$4.50 pair
Wagons	Extra Crossovers for Electric Trains	95c
Wheelbarrows	Tunnels	\$1 to \$2.50
Kiddy Kars	Transformers	\$3.25

**J.W. BARNES Co.**  
1224-1226 El Prado, Torrance

Open Every Evening  
Until Christmas  
Beginning  
Saturday, Dec. 17