

REISMAN TO PLAY DANCE PROGRAM

Recording Orchestra to Provide Fifth of Weekly Victor Series.

Leo Reisman's famous recording orchestra, now playing at one of New York's smartest night clubs, will provide the fifth of the series of weekly Victor dance programs tonight over WRC and associated National Broadcasting Co. stations.

WRC also has scheduled another dance program by Phil Spitalny's orchestra, as well as the usual array of regular sponsored offerings. Outstanding among these are the National Broadcasting and Concert Bureau hour, the Seiberling Singers, historic trials and the Halsey-Stuart hour of music and investment advice.

Dolores Casinelli, soprano; Nino Fucile, baritone, and Arcadio Birkenholtz, violinist, are to take a prominent part in the concert bureau hour. Miss Casinelli and Fucile will sing the duet from "Pagliacci" to the accompaniment of the Sodero orchestra. Birkenholtz's chief contribution will be Paganini's "Concerto in D Major."

Feature Musical "Julep."

With Paul Dumont, baritone, as the featured soloist, the Seiberling Singers will present a program described as a musical "julep," made up of some of the country's rarest musical stock. The musical portion of the Halsey-Stuart presentation is composed largely of popular numbers by George Gershwin.

Della Baker, soprano, will be the guest soloist with the Buffalo Civic Symphony Orchestra in its weekly broadcast to-night over WMAL and other Columbia Broadcasting System stations. She will sing the "Aria Sordida" from "Faccio," Mozart's "Alla Hula," "Happy Days," by Strelzki, and Hayden Wood's "I Love to Hear You Singing." The orchestra will open its concert with Wagner's "Tannhauser." The program, however, contains several lighter numbers and a medley of Gershwin compositions.

The United States Marine Band's weekly outdoor concert at the Sylvan Theater and the voice of Columbia presentation are prominent among WMAL's remaining musical features. A decidedly Spanish atmosphere surrounds the voice of Columbia program, which will be presented by an orchestra, mixed quartet and soloists. The selections include Herbert's "Pan American," Cervantes' "Cuban Dance" and "Mexican Love Song," a tango.

Detective Mystery Story.

"Elbow Across the Street" is the title of the detective mystery story to be broadcast by WMAL and other Columbia stations. It was written by a notorious criminal who was recently released from Folsom prison after completing a sentence of more than 20 years.

Terry White, a novelty whistler, who has been heard in several short recitals from WOL, will return tonight for another 10-minute program. The station also announces the return tonight of Elsie Varle Lang, soprano, who has not appeared before the microphone for several months.

A concert by the United States Army Band and a group of vocal recitals by prominent artists are featured tonight by WJWV. There also will be a concert by K. G. Coffman, piano-accompanist, and Walter Holl, mandolin and guitar virtuoso.

REUNION IS SCHEDULED BY JUNIOR ORDER U. A. M.

James L. Wilmet, Senator Goff and Representative Box Listed for Addresses Thursday.

National Secretary James L. Wilmet, former director of the Bureau of Engraving and Printing, United States Senator Guy D. Goff of West Virginia and Representative John C. Box of Texas will deliver addresses to the Junior Order of United American Mechanics at its thirteenth annual reunion at Pen Mar today.

The excursion will leave the Union Station at 7:20 a.m. and return to the city at 11 o'clock that night. A program including dancing, athletic sports and other events of interest to those participating in the reunion will be held. A 40-piece band from Savage, Md., will accompany the excursion.

Major "Chain" Features TONIGHT.

7:00—Lehn & Pink Serenade; male trio and Shikret's Orchestra—WJ, WJZ, WBAL, WHAM, KDKA, WJR, KYW, WREN, WBAP, KPRO, WOAI, WKY and WTV.

7:30—United States Marine Band; Sylvan Theater concert—WMAL and C. B. S. network.

7:30—Victory program: Leo Reisman's Orchestra—WRC and N. B. C. network.

8:30—Buffalo Civic Symphony Orchestra—WMAL and C. B. S. network.

9:00—Atwater Kent program: dance music—WJ, WJZ, WBAL, WHAM, WJR, KWK, WREN, KDKA and WGN.

9:30—Concert Bureau hour: prominent radio artists—WRC and N. B. C. network.

Popularity of Four-tube Sets Being Revived by Better Screen Grid Tubes

BY C. E. BUTTERFIELD, Associated Press Radio Editor.

NEW YORK (AP)—Popularity of the four-tube sets of the earlier days of broadcasting is being revived by the AC screen grid tube.

The modern "quarto" receiver is a much better instrument than its predecessor, both in construction and performance, experimenters have found. Developments have been such in circuit design and in tubes that the four-tube set can be made to do as well as many sets did with more tubes.

They meet modern requirements of selectivity, tone quality and volume without sacrificing any receiver necessity. The item of cost is correspondingly reduced.

The four-tube has been developed through the elimination of the second step of audio and mixing the one remaining power stage. The RF amplifier has been improved by the incorporation of screen grid tubes. Only two RF tubes were used in one experiment, with an impedance coupled stage for volume and a tuned band filter for the second.

The layout was such that either grid bias or a grid leak could be used on the detector which also was a screen grid tube. The power stage had a 245.

In the experimental layout selectivity was all that could be desired, provided the antenna was not too long. A piece of wire 25 feet long gave the best all-around results. A longer antenna boosted signals with a drop in selectivity.

The accepted method of controlling volume by a potentiometer in the screen grid battery supply and gave smooth regulation. By-passes and choke coils were used profusely, there being five chokes and a half dozen or more by-passes.

With a four-tube layout working satisfactorily, steps have been taken to reduce the tubes to three by the use

Today on the Radio

PROGRAM FOR THURSDAY, AUGUST 15, 1929.

(Mejors on left of call letters, bicycles on right. All time p.m. unless otherwise indicated.)

Local Stations.

315.6—WRC—350.
National Broadcasting Co.
3:00—Washington-Chicago base ball game, play by play.
5:00—Vocalistic guidance by the Kiwanis Club.
5:15—Black and Gold Room Orchestra.
5:57—Motion picture guide.
6:00—Midweek federation hymn sing.
6:30—Base ball scores.
6:35—George Cornwell, pianist.
7:00—Correct time.
7:01—The Eternal Question.
7:30—Victory program.
8:00—Seiberling Singers.
8:30—Historic trials.
9:00—Halsey-Stuart hour.
9:30—National Broadcasting and Concert Bureau hour.
10:00—Weather forecast.
10:01—Continuation National Broadcasting and Concert Bureau hour.
10:30—Blat's musical show.
11:00 to 12:00—Phil Spitalny's Orchestra.

Early Program Tomorrow.

6:45a—Tower health exercises.
7:15a—Federation morning devotions.
7:30a—Cherio.
7:50a—Pettit Trio.
8:00a—Milt Coleman, songs.
8:15a—Morning Melodies.
9:00a—Radio home hour.
10:00a—Three Little Maids.
10:15a—Radio Household Institute.
10:30a—Evening Stars.
11:00a—The Recitalists.
11:15a—Yong's Orchestra.
12:00m—St. Regis Orchestra.
1:00p—Organ recital from the Kitt Studios.
1:30p—National farm and home hour.
2:15p—Ten Business Vacations, by "The A. S. System" of Orpheus.
2:30p—Blanche McTavish, contralto.
2:45p—Frank Christy, baritone.

475.9—WMAL—630.

(Washington Radio Forum.)
3:00—Play-by-play description by Denman Thompson, sports editor, The Star, of Washington-Chicago game.
5:30—"Improving Your Radio Reception," Clyde M. Hunt.
5:40—Mott Entertainers.
6:00—Correct time.
6:00—"Flashes from The Evening Star."
6:15—"The Cause of the Child Criminal," presented by Science Service.
6:30—Chrysler Orchestra.
7:00—Blat's Musical Show.
7:15—"Whispering Flames."
7:30—United States Marine Band concert, from Sylvan Theater.
8:00—True Detective Stories.
8:30—Buffalo Civic Symphony Orchestra, with Della Baker, soprano, guest soloist.
9:00—"The Temple Hour."
9:30—Voices of Columbia.
10:30—Pipe Dreams—Ernest Nafziger presenting poetic recitals with organ accompaniment.
11:00 to 12:00—Bell Hops Orchestra.
Early Program Tomorrow.
10:00a—"Radio Home Makers"—Ida Bailey Allen.
10:30a—Musical program.
10:45a—Radio Beauty School—Beauty talks by Jean Carroll and Helen Chase. Organ recital by Archer Gibson.
11:15a—Columbia Salon Orchestra.
11:30a to 12:15—Julie Wintz and his orchestra.
2:00 to 3:00—L'Apres Midi.

223.9—WOL—1,310.

(American Broadcasting Co.)
3:00—Ball game, Washington vs. Chicago.
5:45—The Town Crier.
6:00—The Public Service Man.
6:05—"What's on the air tonight, and Terry White, novelty whistler.
6:20—Louis Rothschild, director Better Business Bureau.
6:30—Elsie Varle Lang, soprano.
7:11—Amos 'n' Andy.
7:30—Late news flashes.
Early Program Tomorrow.
7:30a—The Musical Clock.
8:00a—Birthdays—A Thought for the Day.
8:05a—The Musical Clock, continued.
10:00a—Household Chat, by Peggy Clarke.
10:30a—Shopper's Guide.
11:00a—Beauty Talk, by Bertha Parker.
11:15a—Shopper's Guide, continued.

295.4—WJWV—1,460.

(Independent Publishing Co.)
3:00—Mid-afternoon musicale.
5:00—Good Afternoon.
6:30—Classified hour.
6:30—United States Army Band.
7:30—Studio feature.
8:00—Hawaiian Melody Boys.
8:30—Ray Harper, tenor.
8:45—Mrs. J. E. Tenley, soprano.
9:00—Fenwick and Keith, joint recital.
9:15—K. G. Coffman.
9:30—Walter Holl's presentation.
10:00—Jewel Downs, recital.
Early Program Tomorrow.
11:30a—National Farm program.
11:45a—Current events.
12:00a—Time signals.
12:15—Farm market.
12:30—Farm chat.
12:45—Music.
434.5—NAA—690.
(Washington Navy Yard.)
8:45—Weather Bureau reports.
9:55—Arlington time signals.
10:45—Weather Bureau reports.

Out-of-Town Stations

Programs prepared by the Associated Press. Scheduled for Eastern standard time.

348.6—WABC New York—860.
7:00—Daguerreotypes.
7:30—United States Marine Band concert.
8:00—Detective mysteries.
8:30—Buffalo Symphony Orchestra.
9:30—Voice of Columbia.
454.3—WEAF New York—660.
5:00—Black and Gold Room Dinner Orchestra.
5:55—Scores, hymn sing.
6:30—Comfort music.
7:00—"Eternal Question."
7:30—Recording Dance Orchestra.
8:00—Singers, Paul Dumont, baritone.
8:30—Historic trials.
9:00—Old Counselor's Reception, with Andy Sannella's Orchestra.
9:30—Concert Bureau hour, vocal and symphony orchestra.
10:30—Jack Albin and his dance orchestra.
11:00—Phil Spitalny and his music (one hour).

394.5—WJZ New York—760.

5:00—Old Man Sunshine, Bob Pierce's stories; scores.
5:30—Ben Pollack's Hotel Dance Orchestra.
6:00—On architecture.
6:15—Three Kings and a Queen.
6:30—Vincent Lopez Orchestra.
7:00—Beauty serenade with male trio and Jack Shikret Orchestra.
7:30—The Ghost hour with Dunninger.
8:00—Orchestra and male trio.
8:30—Rosario Bourdon's Concert Orchestra.
9:00—AK, midweek program.
9:30—Around the World, orchestra and mixed quartet.
10:00—Slumber music, string ensemble.
422.3—WOR Newark—710.
5:20—Sports talk; C. W. Hamp.
5:45—Bert Acosta; orchestra.
6:30—Half Star Rangers.
7:30—Wandering Gypsies.
8:30—WOR stock company.
9:00—Feature program.
9:30—The Frolickers.
10:00—News; dance (one hour).
272.6—WPG Atlantic City—1,100.
4:30—Twilight organ recital; news.
7:00—Score; gospel hymns; organ.
8:00—Entertainers; dance music.
9:00—Vocal; Subway Boys.
10:00—Dance music.
10:30—Minstrels; dance hour.

256.3—WCAU Philadelphia—1,170.

8:30—Scores; quartet.
8:30—United Symphony Orchestra.
8:30—Talk; Storytellers.
7:00—WABC (30 minutes); orchestra.
9:00—Baker Boys; orchestra.
10:00—Dance and organ hour.

305.9—KDKA Pittsburgh—960.

5:30—Band concert; scores.
6:30—Hour from WJZ.
7:30—The Parolators.
8:00—Same as WJZ (three hours); scores.

360.7—WYAM Rochester—1,150.

6:30—WJZ programs (one hour).
7:30—Musical feature.
8:00—WJZ programs (2½ hours).
10:30—Dance music; organ.

379.5—WGNY Schenectady—790.

5:25—Scores; music; scores.
6:30—Rice String Quartet.
7:00—WGNY agriculture program.
7:30—Same as WEAF (three hours).
10:30—Organ recital hour.

392.8—WBZ Springfield—990.

5:00—News; music; agriculture.
5:30—Melodies; news; scores.
6:00—Melody Boys; TVing.
6:30—Hour from WJZ.
7:30—Studio musicale.
9:30—Same as WJZ (two hours).
10:00—Sports; news; scores.

CENTRAL AND SOUTHERN.

428.3—WLW Cincinnati—760.
6:00—Orchestra; scores.
6:30—Hour from WJZ.
7:30—Great adventures.
8:00—Same as WJZ (one hour).
9:00—Feature: WJZ program.
10:00—The Hall; Theis Orchestra.
11:00—Trio; Los Amigos.
12:00—Dance and variety.

280.2—WTAM-WEAR Cleveland—1,070.

6:00—Hotel orchestra; scores.
7:00—Invincible Chorus; organ.
7:30—Same as WEAF (1½ hours).
8:00—Smiling Ed McConnell.
9:30—Music; Radiot.
10:30—Variety hour.
11:30—Dance music (1½ hours).

308.8—WCX-WJR Detroit—750.

6:00—Variety; base ball scores.
6:30—Hour from WJZ.
7:30—The Chief Himself.
8:00—Two hours from WJZ.
10:00—Singing school.
10:30—News; Amos-Andy; dance.
11:00—Dance and organ (two hours).
403.3—WSB Atlanta—740.
7:00—Orchestra; WEAF program.
8:00—Feature program.
8:30—WJZ and WEAF (1½ hours).
10:00—Feature program.
11:45—Studio concert.

277.6—WBT Charlotte—1,080.

6:30—Stocks; sports chat.
7:00—Theater menu; studio.
7:30—WEAF and WJZ (three hours).
9:30—Winthrop College; scores.

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