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CALIFORNIA HISTORICAL
RADIO SOCIETY



FOR THE RESTORATION AND PRESERVATION OF EARLY RADIO

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ABOUT CHRS

The California Historical Radio Society (CHRS) is a non-profit coporation chartered in the State of California. CHRS was formed in 1974 to promote the restoration and preservation of early radio and broadcasting. Our goal is to provide the opportunity to exchange ideas and information on the history of radio, particularly in the West, with emphasis in collecting, literature, programs, and the restoration and display of early equipment.

The *Journal* of the Society is published and furnished free of charge to members. Yearly membership dues are \$20 (U.S. funds).

Submissions for the *Journal* are always welcome. Typed copy is prefered, submitted on a 3.5 inch IBM or Macintosh diskettes in ASCII or Microsoft Word format. You write about radio and we'll print it.

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CHRS

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CHRS on the Internet:

<http://www.antiqueradios.com/chrs/>

ON THE COVER

Painting by P.D. Johnson from *Radio Broadcast* magazine, December 1924



KGO Radio Studios, 1924, Oakland, CA

NEWS AND INFORMATION...FROM THE PRESIDENT

Steve Kushman

NEWS:

Herrold Award—CHRS is pleased to honor **Paul Bourbin** with the **1997 Charles D. 'Doc' Herrold Award** for outstanding achievement in the preservation and documentation of early radio. Many of you know **Paul Bourbin** as the authoritative gentleman attired in festive head wear, and badge, keeping good order at our events. Many of you, especially our newer members, don't know that **Paul** has dedicated a great part of his life to radio preservation, documentation, research, writing, and to **CHRS**. In his almost twenty years with **CHRS** he has held most every position on our staff, including writing, publishing and mailing our **Journal**. His articles are always informative, interesting and entertaining. **Paul** always has a good story to tell about some aspect of our hobby, and stores a wealth of knowledge under that beret! It was an easy, unanimous yes vote by your Board of Directors, to present **Paul** with this most prestigious award. So, let's all congratulate **Paul Bourbin** and thank him for his many contributions to our hobby and our Club.

1998 Renewals—If you know someone who has not paid their dues for 1998, please tell them to do it now. Remember, if you try to sell at one of our events and your dues aren't current, it will cost you \$25.

Mail Snafu—There are 208 members that live in Zip Code areas that begin with 940 and 945 who received their **Winter '97 Journals**, two months late. They were mailed the week of January 12th, and people in the above mentioned Zip Codes started receiving them the week of March 11th. The Post Office is aware of the situation and says that bulk mail should be delivered within one week to 10 days. A formal complaint has been filed with the Post Office. Also, if you have an address change, please let us know immediately, because bulk mail is not always forwarded.

New Board Member—Please join me in welcoming **Stephen Sutley** as our newest member at large on the Board of Directors. **Stephen**, a long time member, brings fresh ideas and a new perspective to our staff. We wish **Stephen** much success on his term, and thank him for his willingness to participate.

Service Guide—The **HOTLINE** receives many calls from people who want to get radios, auto radios, televisions, transistors, or phonos, (wind-ups and electric) repaired or

restored. Sometimes it's easy to refer them. Sometimes it's not. Sometimes they are looking for service in a specific location in the Bay Area or the State. We would like to compile a Service Guide, composed of members who take in repair or restoration work. It will cost you nothing to be listed if you are a current member. Just send your name, address, phone number and your repair specialties to: **CHRS, P.O. Box 31659, S.F. CA, 94131**. Or leave the information on the **HOTLINE. 415-821-9800...Thank You!!!** Many of you have responded and will be listed in the guide. There is still time to respond. We expect to have the guide ready this summer. It will be sent to you as part of your 1998 membership roster.

Hotline—Remember, the **CHRS HOTLINE, 415 821-9800**. Check the **HOTLINE** for the latest and best information or any changes involving our events. Since we are in the rainy season, please check the **HOTLINE** the morning of the event for rain cancellation. Use the **HOTLINE** to register your repair or restoration specialty or to leave a message for anyone on the staff.

Rain-out—For the first time, I've been told, the **CHRS** staff made the decision, on site, to cancel and reschedule the Feb. 7th meet, due to El Nino.

That morning, in a driving rain, we had about 40 people under umbrellas, and 2 sellers. In fairness to the majority of members, and because Foothill College gave us a rain check, we made this decision. One week later, Feb. 14th, the Gods of Radio helped by parting the clouds and stopping the rain for almost 4 hours! We had 10 sellers and about 50 buyers. **Lynn Love** made Valentine's cookies, to celebrate her and **Martin's** special day. Thanks to all for coming!... We would like to avoid having to cancel our events, due to weather. How can we do that? By finding a situation similar to the one we had with Ampex in Redwood City. That is, a parking lot adjacent to an indoor area that we can use in case of rain. It also needs to have a bathroom. Ampex donated the space to us. We pay \$275 at Foothill each time. Next year this cost will rise to \$350. Somebody reading this has some ideas or suggestions. Make the calls, do the research and let us know what you've found out.

Airport Museum—As some of you

already know or have read about on the Web Site, **CHRS** has been asked to participate in the S. F. Airport Museum's Exhibit called, *Sounds of the Jazz Age and More*. It runs from October 1998 thru February 1999. It will be located in the North (United Airlines) Terminal. The Airport Museum Commission is paying **CHRS** a \$3000 participation fee. The Museum must start the organization of these exhibits very early, so during the El Nino months of late January and February, **Stephen Sutley, Jim McDonald, (Jim is a curator for the Airport Museum)** and myself drove through a ton of rain to visit some of our member's homes. We had a little problem trying to visit **Mike Simpson** in Portola Valley. The river in the photo is actually run off from a deluge that made **Mike's** road impassable. We returned and saw his collection the next week, on a dryer day. We saw many great collections, but unfortunately, we could not visit everyone. The following members graciously opened their homes and their collections to us: **Paul Bourbin, Frank Camenisch, Jim Cirner, Donald Day, John Eckland, Everett Farey, Jack Gray, Will Jensby, Stan Lopes, Karl Manthei, Wayne Ross, Robert Swart, (thanks for the cake Reina), Mike Simpson, Brad Thomas, Russ Turner, Alan Voorhees, Ekkehart Willms, John Wentzel, Ken Zander**. On behalf of **Stephen Sutley** and **Jim McDonald**, I'd like to thank them for their hospitality and their willingness to loan items for this exhibit. Other exhibitors at this time, are **Donald Cochrane, Norman Ieal and Bart Lee**. Thank you for your participation. If anyone has a museum quality piece that you would like the museum to consider, please let us know. If you have ideas or suggestions for the exhibit, we would be happy to pass them on to the museum. **CHRS** would like to thank the Airport Museum for involving us in this important exhibit. For more information please leave a message on the **HOTLINE** or visit our Web Site.

On the Web—If you have not been to our Web Site lately, get off the auction pages and check out the **CHRS** page. There you will find a wish list of items the Airport Museum would like to have for their upcoming exhibit. Not only will you be able to examine vintage radio sets, you can hear vintage radio programs. Read select articles from the

Journal and hop via links to other radio related pages. This site was created and is maintained by our Web Site Chairman **Alan Voorhees**. When you see **Alan**, shake his hand thank him for the great job he is doing! Our web site address is:
<http://www.antiqueradios.com/chrs/>

Journal—Some of you have asked why we do not run the "Collector's Spotlight" feature any more. The answer is simple. It takes time and effort to put this feature together. The people who write and publish this Journal are working at max to get it to you. Now its your time to step up and make the "Collector's Spotlight" shine again. Who wants to do it? Please let us know. We need more articles for the Journal. We need more articles for the Journal. The preceding is not a misprint. It's to express the seriousness of this situation. Everyone says that this Journal is great. Well, it is. And what keeps it great is contributions of articles from our members. We are running out. The Journal won't be so great if it's full of nothing but old magazine reprints. How about writing down that article you've always talked about. Now is a good time. Since the popularity of transistor radios continues to grow, it would be great to have articles or a regular column about them. Who of our veteran transistor collectors is ready to accept this challenge? What about articles on antique phonographs? My favorite radio. My favorite television set. My most memorable restoration job. How to restore a specific set. Tips for displaying collections. Tips on repairs. This is my collection. You get the idea, start writing! And send in plenty of pictures. As always, thanks to **Alan Voorhees** for an outstanding job as our editor. By the way we will be offering back issues of the *Journal* (\$5), and copies of the new *Hints and Kinks* (\$10) at our events.

Want Ads—We have a new batch of want ads in this issue. All of last year's ads have been removed unless they were updated or carried forward by request. If you want your ad back in, or want to place a new ad, free to members, let us know.

Name Badges—**Norm Leheldt**, our Badge Chairman, reports orders for the new Plastic Name Badges are brisk. This attractive new and improved badge features our favorite "Sky Terrier" logo and now features 3 lines of

type! Also the first 2 lines have larger type, making this badge easy to read. All these improvements cost you only 25 cents more. Send your check for \$7.00 along with your 3 lines of information to: **CHRS, P.O. Box 31659, S.F. CA 94131**. Show your support for CHRS by ordering a new badge today!

Technical Reprint Service—Our Technical Advisor, **Larry Clark**, continues to offer re-prints of schematics or other materials from the CHRS Library. Just send a note to Larry and let him know what you need.

Enclose a self addressed stamped envelope and \$1. Mail to:

Larry Clark
438 York Dr.
Benicia, CA 94510 (707-745-9132)

Or if you need assistance with a repair project, call Larry and maybe he can help. Thanks **Larry**, for volunteering your time to help our members!

Presidio Project—As you may know, CHRS is involved with the **Perham Foundation**, in a project to restore the original radio station buildings in the historic Presidio of San Francisco. The eventual goal is to have these sites restored to original condition, display working historical gear, to possibly have a home for the Perham Foundation's Electronic Museum and to possibly build the California Historical Radio Society Museum. The CHRS Museum would not only contain radios, but other historically related media, such as phonographs, hi-fi equipment, historical audio gear, microphones, wireless gear, etc. At this time we are awaiting the placement and the startup of the Presidio Trust who will oversee all development in the park. The Trust is supposed to take over active management of the Presidio on July 7th. We will then resubmit the paperwork to get the ball rolling again on this project. If anyone has information or documentation concerning radio operations at the Presidio, please call Bart Lee at 415 954-9599.

Museum Fund—Thanks to all who continue to donate to the Presidio Museum Fund. The Fund stands at a little over \$1200. Thank you all. Keep the donations coming...And thank you all who have contributed to the **General Fund** with your renewals. Your generous donations keep us going. Look for the names of our contributors in the next edition of the Journal.

INFORMATION:

1998 Collector Events— All events are subject to change or rainout. Please call the **CHRS HOTLINE, 415 821-9800**, for the best updated information. Please note the events that are *Tentative* or *To Be Announced*.

July 4th. Saturday, 8am

San Francisco, St. Annes of the Sunset, 850 Judah St. off Funston (13th. ave.). AUCTION. Sellers fee applies. Thanks to **John Wentzel** of Aladdin Radio for making the arrangements.

August 1st. Saturday, 8am

Los Altos Hills, Foothill College, Lot "D" AUCTION. Meet John Terrey, Publisher of Antique Radio Classified. Sellers fee applies.

September 12th. Saturday, 8am

Joint meet with **SCARS** in San Luis Obispo. Location is *To Be Announced*. Thanks to **Dan Steele**.

October 3rd. Saturday, 9AM

Between Fairfield and Rio Vista, The Western Railway Museum, state Rt.12. Collectors event and Picnic. No sellers fee, pay reduced museum admission. Thanks to **Paul Bourbin** for setting up this one.

November 7th. Saturday, 8am

Los Altos Hills, Foothill College, Lot "D" AUCTION. Sellers fee applies.

December- (nothing yet)

Sacramento Chapter Meetings

Held the 3rd Tuesday of every month, 7pm, at the SMUD building, corner of Elkhorn and Don Julio, in Sacramento. All members are invited to attend!

Please feel free to call me with any thoughts and suggestions you may have for the Club. This organization is kept interesting by new ideas that come from the members. Your comments are most appreciated. Call me at 415-821-7671 or leave a message on the HOTLINE at 415-821-9800.

HAPPY COLLECTING!

Steve.

WANT ADS

Wanted- Televisions, Philco Predictas all models. All types of earlier TVs wanted. Send fax or description to Sheldon Donig, 340 Laurel Ave. San Anselmo, CA 94960 415-454-8851 Fax 415-456-9322.

Wanted- Riders manuals, Volumes 17 thru 23. Call CHRS HOTLINE - 415-821-9800.

For Sale- CHRS Tee shirts, \$17, including postage. CHRS baseball caps \$10, including postage. Call CHRS HOTLINE 415 821-9800.

Wanted- Blue, etched, side mirror for Sparton 558 (4 knob). Chassis for Stewart Warner R469. Abbottwares "Hula Girl" Radio. Steve Kushman, 4233-25th. St. San Francisco, CA 94114 415-821-7671.

Wanted-1945-1953 Plywood radios from the following companies: Emerson model #503, #519, #535 or any with the perforated fronts. Tele-Tone #117, 117A with speaker holes. RCA model #28T. State price based on condition. Also want Zenith "radio nurse", brown plastic speakers. Steven Cabella, 500 Red Hill Ave., San Anselmo, CA 94960. Phone 415-461-6810.

Wanted- Mini-tube and hybrid coat pocket size plastic radios, pocket crystal radios, hearing aids. I'll buy, or trade my transistor radios. Mike Brooks, 7335 Skyline, Oakland, CA 94611. Phone 510-339-1751.

For Sale- Send large SASE for tubes, parts, literature, radios or for books, magazines, catalogs, manuals. Two stamps, please, brings you both lists. Stan Lopes, 1201-74 Monument Blvd., Concord, CA 94520. 510-825-6865.

Wanted- Rack mount Navy radio RBC or RBB, or the cabinet alone. John Gibson, 1075 Sterling Ave., Berkeley, CA 94708. Phone 510-849-1051.

Free- Homemade LF/MF loop antenna. Range approx. 180-900Khz. Range can be altered. Size: 40"x 60". You pick up. P.F. Warnke. Vallejo. 707-643-6202.

Wanted- White dial indicator for Zenith 5-S128. Cube cabinet for Philco 40-180. For Sale or Trade- my novelty and replica radios. SASE for list. Zenith 3000-1 manual, complete, good condition \$8. Ben Martin, 18334 Pepper St., Castro Valley, CA 94546. 510-582-6804.

Wanted- Back cover, chassis shielding or power cord plug for Edison C-2 radio phono. Fred Deal, 916-478-4842.

Wanted- Tuning mechanism for Atwater Kent 318. Jim Regan, 415-664-7814.

Wanted- People interested in forming a group to buy capacitors in bulk and save money. Martin Love, 415-341-6526.

Wanted- Wave Magnet for a Zenith T.O. model # & 7G605 (bomber). 1L6 tube. Chris Rogers, 38 Smethurst Ave., Pakenham 3810, Victoria, Australia.

Wanted- Western Electric 2A (power supply), 7A (amplifier), 10D horn speaker and tubes: 216A, 217A, 104D, 205D, 350B. Ming Yang, 510-376-4220. fax 510-376-8861.

Wanted- chassis for Gloritone 27. Joe Selkregg, 408-980-0474.

For Sale- Old radios, \$50 to \$150. 1930's to 1950's. Restored and working! Jim McDowell 510-798-4333.

Wanted- Ampex MR-70, universal audio compressors, mic pre-amps, EQs, other tube broadcast and studio items. Leave message. Mark Drury 510-426-2300.

For Sale- Edison Model C-2, radio phono, unrestored, original. \$1000 or best offer.

Wanted- assembly and operating instructions for a Globe "Chief" ham transmitter. "Zep" Bennett. 510-534-9576.

Wanted- Top \$\$\$ paid for art deco style sets with chrome or metal grills/trim 11930-1940 only. Also buying radio & other advertising signs, clocks, banners. Adam Schoolsky. 503-579-1080.

Wanted- RCA CED Videodisk players and movies. Art Adams 415-321-4886.

For Sale- Misc. parts, hi-voltage caps, DCC wire, etc. Send SASE for list. Dan Smith. 8904 Cypress, Cotati, CA. 94931. 707-664-8156.

For Sale- Thousands of tubes, various tube sockets, (e.g., Amphenol octal ceramic) and shields. Assorted hardware and components, (wire, resistors, insulators, grid/plate caps, etc.) Don Buchalter 510-569-3619.

Wanted- Any information about radio operations at the Presidio, 1901-1991. Please call Bart Lee, 415- 788-4072(eves), 415-956-5959 #!03(days).

Wanted- Knobs for 10" Admiral plastic floor model TV. and fine tuning knob for 7" Motorola TV. also, Service- I repair auto radios. Roy Yost , 415-369-0890.

Wanted- Large Midwest table model w/ half round dial (1941) and other Midwest radios and parts, what have you? For Sale- lots of tubes and knobs, (send want list or call). also Victor wind-up/ Freed-Eisman radio phono combo, very rare and unique, \$450/offer. Mike Simpson. 408-867-7315.

For Sale- Columbia HG phonograph. Plays concert cylinders. Trade- Dyna Mark II plus cash for Dyna Mark III. Allan Hibsich, 916-589-0138.

Services Offered-Repair/replacement of meters before 1940. Wanted- Old meters/ Galvos before 1910. As is okay. Thanks, Leonard Cartwright, 879 Russet Dr., Sunnyvale, CA 94087. Phone 408-739-6025.

For Sale- Hallicrafters SX-43 restored-\$175- (no speaker). You pay UPS, local pick-up preferred. Ted Stewart, 2157 Braemar Rd., Oakland, CA 94602. Phone 510-531-7042.

For Sale- Bird Wattmeter with case and six slugs: 2-30 Mhz 100w, 500w, 1000w- 100-250Mhz 25w, 250w- 200-500 Mhz 25w. Excellent condition, Model 43, 50 ohm. Dave Schutt, 22 So. Keeble St., San Jose, CA 95126. Phone 408-293-3437.

For Sale- Kenwood TH21-A, 2 meter hand held transceiver, new ni-cads, short and long rubber duck, charger and 115VAC supply. Original packing and manual- \$60. Henry Meyer, 30 Tobin Clark Dr., Hillsborough, CA 94010. Phone 415-349-2071.

Wanted- UV-199 socket to make adapter to test tube at a 80 socket or an adapter. Edsel Erwin, 1513 E. Houston Ave., Fresno, CA 93720-2750. Phone 209-299-5012.

Wanted- Atwater Kent model 20, big box radios, any condition. please state price. Paul Thompson, 315 Larkspur Dr., Santa Maria, CA 93455. Phone 805-934-2778.

Wanted- Any information on the history, use, or development of the HT-4 transmitter by Hallicrafters. Mikhael Brown, 188 Spruce-mont Place, San Jose. 408-578-6076.

Wanted- Small knob (one) for W. E. Aeriola Sr., either filament or tickler. Gene Warner, 522 Weiman, Ridgecrest CA 93555. Phone 619-446-2617.

Wanted- Antenna for Radiola Super VIII console, or details to construct one...pictures, dimensions, etc. Mark S. Rauber, P.O. Box 1077, Minden NV 89403. 702-782-3596.

Wanted- Vintage and collectable TVs and related items, other than parts or service literature. Eric Stumpf, P.O. Box 60245, Santa Barbara CA 93160. Phone 805-964-9417.

Wanted- Good photos of tube type transmitters, transceivers, and allied equipment, for the next edition of 'Tube Type Transmitter Guide'. Gene Rippen, 105 Donnington, Auburn, CA 95603. Phone 916-885-6147.

Wanted- Pocket size reel to reel tape or wire recorders. Guy Doss, 736 Los Padres Blvd. Santa Clara, CA 95050. Phone 408-241-2437.

Wanted: Looking for help in repairing my Seeburg Model DS160 Juke Box. It rejects the selected 45 before it plays. Contact Norman at 1(510) 682-4592.



TABLE NO. 31
Substantial table 15"x31"
x29". Packed 1 each in
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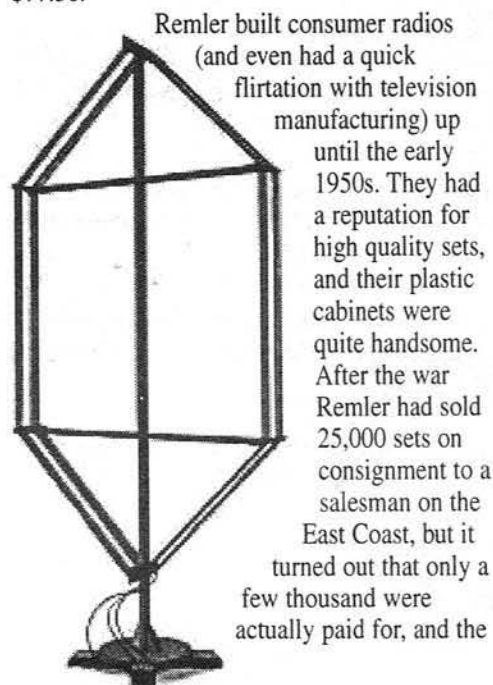
The Remler Company

Remler is best known to collectors for their striking black-and-white plastic radios with little Scottie dog mascots. These deco-inspired case styles has made many Remler sets much sought after radios.

Elmer Cunningham, who had made a mark in the radio world in the manufacturing of Cunningham brand radios tubes, founded Remler in San Francisco in 1918 along with Thomas B. Gray and Ernest G. Danielson. Cunningham came up with the name "Remler" for the new company by spelling his first name backwards and adding an extra "R" for "radio" to the end of it.

They started by making radio parts, sockets, switches, and other small components. By 1922 Cunningham had dropped out and although it's products were still branded "Remler," the company became the Gray and Danielson Mfg. Co. In 1924 they produced the first of their line of high quality super-heterodyne radio receivers.

In 1931 the company officially renamed itself "The Remler Company. Ltd." again. The original factory had been destroyed by fire a year earlier, and they had just built a new plant at 2101 Bryant Street in San Francisco (the building still stands today, and is still labeled "Remler Co. Ltd" across the top) and was making a major marketing effort for their two new sets, the Remler "Cameo" priced at \$64.50 and the Remler "Super-Heterodyne" priced at \$77.50.

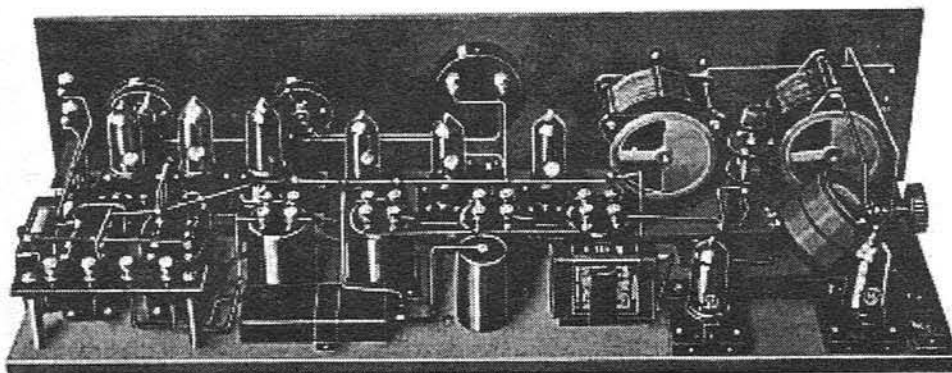


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Engineered to compact size

bulk of the sets were returned to the factory. Many of the cabinets for the hefty radios didn't fare well in shipping, and the company sustained considerable losses on the sets. After that they left the consumer radio market.



S a n F r a n c i s c o R a d i o M a n u f a c t u r i n g

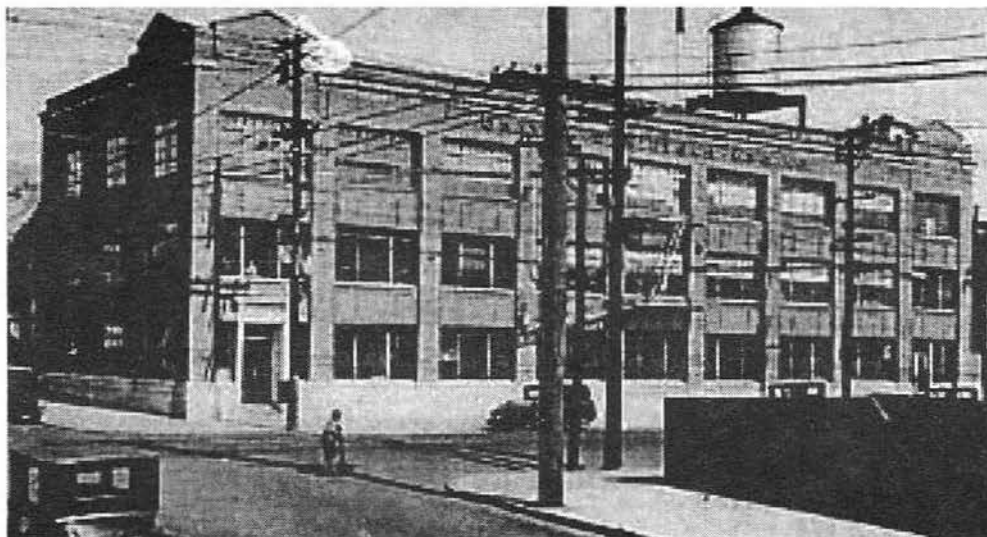
EIGHT years ago EIGHT tubes--EIGHT tubes today.

DEPENDABILITY

Buyers are on the safe and certain ground of Remler Dependability when they purchase the Cameo or the Super-Heterodyne. Twelve years of radio experience in the manufacture of fine parts, units, kits, and sets, is proof of Remler's ability to make reliable, trouble-proof, value-plus receivers.

Every Remler Set is especially distinguished for its depth, fidelity and brilliance of tone. The audio-system, together with Remler tone-control and a dynamic speaker built to meet rigid specifications combine to make any Remler model a receiver you can trust to give long years of satisfactory service.

In these two receivers, each built to give far more than customary performance, Remler offers exceptional dependability at the price of ordinary assembled sets.



Official Remler Super-Heterodyne Eight Year Pedigree

1924 Remler introduces first "super-het" in May. Operated from dry batteries. It cost more than \$200.00. Nationwide contest announced to secure ideas for improvements from radio engineers.

1925 The "improved" Remler Super-Heterodyne, using refinements and improvements as submitted by contestants made its appearance late in 1925. The price of the receiver was increased to \$230.00.

1926 This year marked the introduction of the Power Amplifier Tube, with greater volume and improved tone quality. Remler issued information to all owners of its earlier models, explaining the adaptation of this tube to the 1924 and 1925 Super-Het.

1927 Remler Super-Heterodyne circuit altered to operate efficiently with the new Screen Grid Tube.

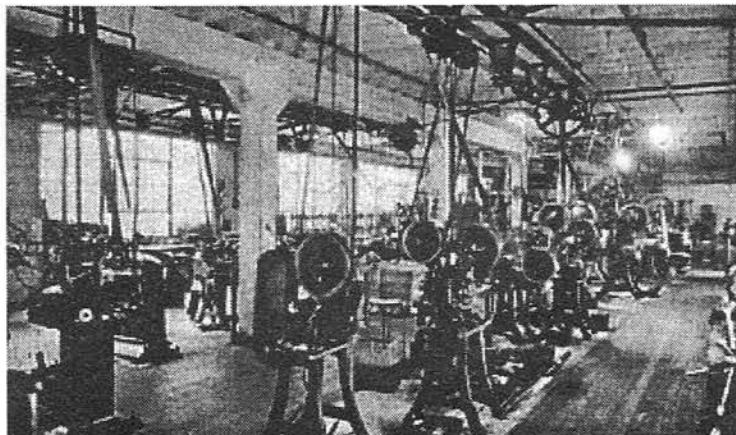
1928 The screen grid tube and "total shielding" incorporated into the 1928 Remler Super-Heterodyne, together with new drum dial and dial light. These innovations are today regarded as commonplace.

1929 Remler Super-Heterodyne popularity increases. Radio Press states: "unequaled sensitivity, selectivity and quietness of operation." This 1929 Super-Heterodyne cost \$300.00 and upwards.

1930 Remler announces the Cameo, a table-sized model. Laboratory work begins on the design of a Super Heterodyne capable of dependable performance when engineered to compact size.

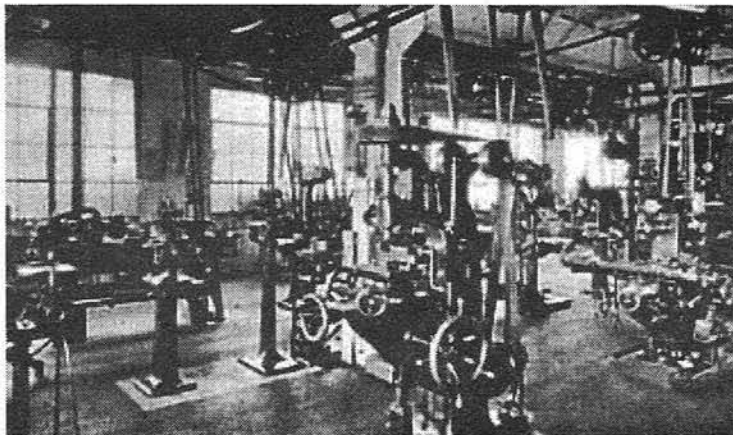
1931 Remler Super-Heterodyne announced at \$77.50—complete with 8 tubes and an eight-year pedigree behind it.

Since the Pioneer Days of Radio the Remler Super-Heterodyne has maintained its reputation for Reliability. Eight years ago radio suddenly boomed. Hundreds of stations sprang up. Confusion and congestion of the air lanes and over-lapping of signals showed Remler Radio Manufacturing Plant



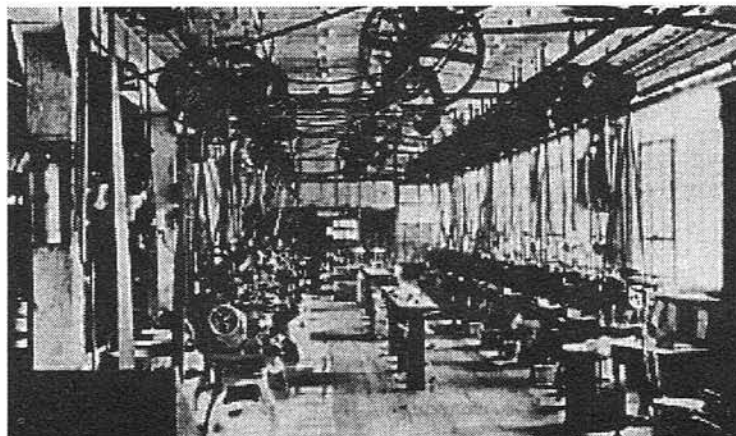
THE GIANT PUNCH PRESSES

Tons of pressure applied to a sheet of steel by means of these presses results in a completely stamped Remler Radio chassis in a single operation. Uniformity in manufacturing is assured by means of these presses. Every Remler is identical in construction.



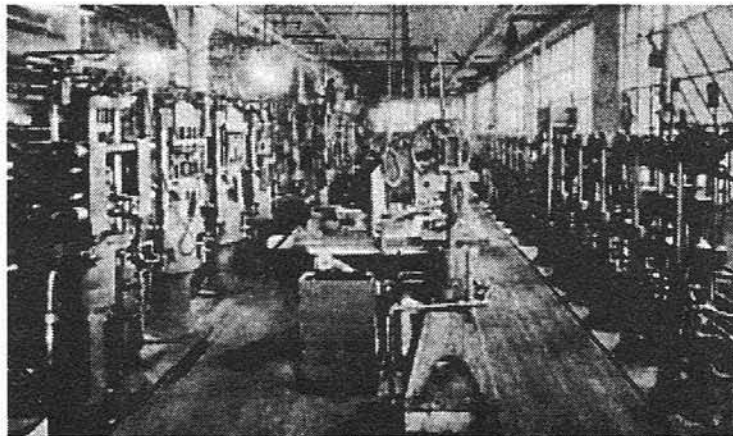
THE TOOL AND DIE DIVISION

Dies accurate to one ten-thousandth fraction of an inch for precision manufacturing requirements are made right here in the Remler plant. The Remler product is built like a fine watch. Even the tools used in building Remler Radio are made in our own factory.



AUTOMATIC SCREW MACHINERY

The hundreds of finely threaded screws and nuts, washers and separators, are made from the raw metal by means of these automatic screw machines. Threading, drilling, knurling, finishing and cutting are all accomplished in a few operations. A half million small fittings per day is the output of this department of the Remler factory.



BAKELITE MOULDING PRESSES

Our own completely equipped Bakelite moulding plant makes it possible to supply Bakelite fittings on all Remler Receivers at a nominal cost instead of cheaper and inferior substitute materials usually employed on radio sets.



REMLER COMED
\$64.50 Complete with tubes

REMLER COMPANY, LTD.
2101 Bryant Street
San Francisco

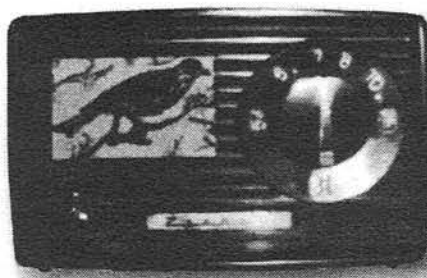
1417 First Ave. SEATTLE	Sam's Ice Bldg. DALLAS	1104 So. 14th St. LOS ANGELES
North Station Bldg. BOSTON		



REMLER SUPER-HETERODYNE
\$77.50 Complete with tubes

MEE SHING RADIO CO.

Lynn & Martin Love



Who was "Mee Shing Radio Co." in San Francisco? They were not a manufacturer like Remler. They may have been an importer who modified small table sets in a very unique way.

One of our table sets is a midget, made in Japan. It was made circa late 50's, early 60's as the dial has the two civil defense markers. The chassis is a compact, five tube, AC/DC design. Our set is a tomato red color, molded in thick Plaskon-type material. These sets come in at least two different cabinet styles and various colors. Our set carries the brand name "Zephre." We've seen these same sets labeled Hytone and Windsor and there may be others as well. The tube layout label on the bottom of the set is rubber stamped with the following:

MEE SHING RADIO CO.
1051 Grand Ave.
San Francisco, Calif.

The rubber stamp appears to be custom sized to fit this set's tube label.

The unusual thing about this set is the modification that's been made since it was originally manufactured. As molded, the cabinet had horizontal open slots for the speaker sound. This area has been cut out and

removed. The workmanship is entirely professional. The cut lines are clean, perfectly parallel with the molded louvers, leaving no stress cracks or distorted material. Whoever did this had both the expertise and proper equipment to produce such a fine result. It's doubtful that a previous owner would have done this. To cover the opening, a properly sized piece of cloth has been neatly glued to the inside of the cabinet. The cloth has a lithographed picture of a Pheasant, and appears to be oriental style of art work. Very attractive and clever.

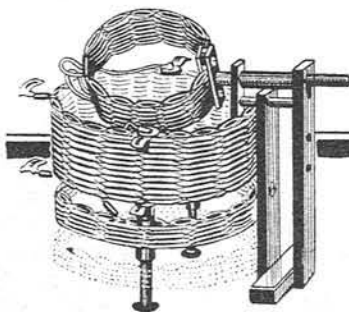
So, how does this relate to Mee Shing Radio Co., and who they were?

Here's our guess. Mee Shing Radio Co. may have been the importer of a number of these sets. Mee Shing may have had a small workshop where they modified these radios in this fashion. They were likely marketed through retailers in the Chinatown area of San Francisco. They may have been displays at local retail outlets and only made to order. Does anybody know?

If any member has knowledge or information regarding Mee Shing Radio Co. we'd like to hear from you.

Thanks Lynn & Martin Love
(650) 341-1150

It's New! — Different! **TRANSCONTINENTAL LOW LOSS TUNER**



U. S. Patent Pending

Practical Radio Servicing

A Vintage Book Review by Paul Joseph Bourbin

Practical Radio Servicing,
by William Marcus and Alex Levy.

Published by: McGraw-Hill Book Co.
1955. 565 pages. Hardbound.

For many radio collectors, one of the most pleasant parts of the hobby is that of bringing an old set back to life. To repair a radio safely and properly, one must learn from a patient mentor or become self-taught. While occasional vintage radio repair workshop is given, There are few, if any, courses given. Modern electronics courses are useful only in providing a basic understanding of electronics. While there are some very fine books currently in print that will teach one how to fix old sets, older texts can offer the reader a different slant on radio repair and often have a better approach. One series of such books that were written as text books to train radio repairmen was the so-called "Marcus" series. These books were written by William Marcus and often another author and were meant to be used by high schools and vocational schools to teach young people how to work in the radio service field. Since they were used in fairly large quantities by these schools, they are readily, and inexpensively available from the usual used book sources. Thus, the next series of books that the author will review will be from this series.

Practical Radio Servicing was written as an entry-level text into the world of radio servicing. It is quite basic and practical in its building-block approach. The authors suggest that the student acquire an "old" AC-DC set on which to practice as the student goes through the text. This is an excellent way for the radio collector to gain experience as well and end up with a restored set as well!

The first section covers the operation of a receiver generally and the tools and equipment necessary for radio service work. It also covers the most common problems found in radio servicing. Tools and equipment are listed and explained in fine detail.

The next part of the book discusses the power supply; its operation and problems. This is quite logical since the power supply must be functioning properly before other tests can be made. It is also one of the most failure prone areas. It is interesting to note that this section is devoted to AC/DC power supplies which are transformerless. Transformer type power supplies are not covered at all. While AC/DC sets were quite common at the time, the repairman could come across transformer sets fairly regularly.

The section that follows involves the

operation and repair of the audio section. Record players are also included. This follows the logical order of radio troubleshooting and repair. After the power supply is functioning correctly, one goes from the speaker and works back to the antenna. Following this logic, the intermediate frequency, second detector and AVC circuits are covered next. In addition to troubleshooting and operation, alignment and the use of the signal generator are explained.

A treatment of the converter circuit completes the indepth study of the operation and repair of AC/DC sets. What follows are two chapters devoted to specific problems with battery portables and three way (AC/DC/battery) sets. The final chapter is a summary of service procedures and is symptom based. Given a specific symptom, one was supposed to follow a specific procedure to troubleshoot and repair the set. A good index concludes the book.

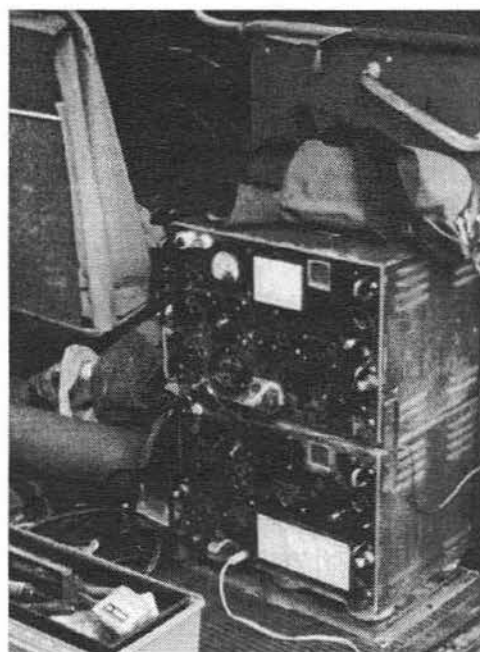
Practical Radio Servicing is a good book for the beginning radio repairman/restorer within its limitations. Since it was written as a textbook, it follows a logical and progressive order that is easy to read and follow. There are questions at the end of many chapters so one can ascertain one's progress. At the end of each section there is a chapter called "Experience Gaining Plan" with practical, work-related exercises. Throughout the book there are handy diagnostic charts that make troubleshooting much easier. The book has many drawings and pictures of good quality. Since this was meant to be a practical, training book, there are no introductory chapters on electro-magnetic theory. There are very little mathematics or formulae, and what there is, is quite easy. Nothing is mentioned about television, Hi-Fi, communication, FM, PA or commercial equipment. The authors state that the circuits are similar in these types of equipment as are in radios. The downside is that this book is oriented almost exclusively to the AC/DC type of radio and little information is given for transformer type sets. For the hobbyist who is interested in pre-war sets and high-end post-war sets, this can be a serious limitation. Please feel free to contact me with you questions about vintage radio books.

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Military Radio Collectors

Hank Brown, W6DJX

Camp San Luis Obispo site of third annual
MRCG meet
Saturday, May 2, 1998



For the third year in a row the Military Radio Collectors Group (MRCG) meeting was held in the NCO Club, Camp San Luis Obispo.

Formal scheduled activities started early Saturday morning but a number of the group gathered early Friday afternoon and evening in the camp/RV facilities only 100 yards from the NCO club. Equipment for display and demonstrations was unloaded as antennas were erected and several PRC-47 and AN/GRC-9 rigs were put on the air.

Guests came from Washington, Virginia, Oregon, California and Oklahoma. Others heard of the meet on a local 2 meter channel and came by to join in.

We experienced a light on/off rain or mist Saturday morning but this did not dampen the enthusiasm for the swap meet. From dawn to about 9am all equipment, parts, books, manuals and other items were picked over to complete that last item in a project or even to start a new set project. The collection of items was probably one of the largest variety of military gear seen at a swap meet.

Tables were cleared about 9am so the general program could get under way.

Andy Miller, KD6TKX, was in charge of putting together an interesting program of speakers and subjects this year. Paul Bernhardt, KF4FOR, presented a slide program on the ever popular ART-13 transmitter. He provided handouts on conversion information articles and a list of manuals that were published for the ART-13. Slides shown were of the block diagram, mechanical tuning sequence, ART-13 accessories and photos of the rig. He also provided information on the design of a suitable power supply for the unit. The transmitter was used as late as 1959 by the Navy. Paul travels from the east coast to make the meet.

Bjorn Forsberg, SM5UR16, (our DX member) was next with a working presentation of the wireless set No. 19 "Russian Tank" set. The set came in the MARK 1, MARK 2 or MARK 3 versions and first appeared about 1935 in Canada. Bjorn said about 100 sets per month were being produced during the war in 1942. The equipment was removed from Canadian service about 1963. Bjorn worked another WS NO. 19 (Tom Horsfall, W460PE) in the parking lot on the small VHF set (220 mcs) and then demonstrated how a contact on the high end of 75 meters sounded. The set

with original mikes, headphones, junction boxes and antenna system was powered by a 12VDC supply. Bjorn also stated the set was never in American tanks; only Canadian, British and European vehicles.

Every one in the group joined in or a short restoration tips session that covered information on vibrator repairs, contact cleaning and maintenance, adjustment of anti-back lash gear sets and the use of RTV in plugs and connectors.

Andy Miller encouraged stations to get on the air with their gear. Others were encouraged to obtain their license so they too could participate in the West Coast military net. The net meets Saturday evenings 9:30pm and Sunday mornings 9:30am on/about 3970 kcs. Any type of check in is welcome. WA60PE, Tom, is the NCS and can usually be heard down in the Los Angeles area on AM with a Navy TBL-7. Military equipment is not necessary to check in.

An hour break for lunch was next in line. Dave Ragsdale (KF6BOM), in addition to setting up the NCO club, also provided a delicious santa maria style BBQ of steak, chicken, salad, baked beans and hot bread.

After the lunch Tom Horsfall, WA60PE, presented a most interesting report on the restoration work being done on a WW-2 fleet submarine now open to the public in San Francisco. The USS Pampanito made several patrols in WW-2 and sank 6 enemy vessels, damaged four others and rescued 73 Allied POW survivors during the 1943-1945 period. Tom is working on radio and electronics equipment aboard the sub. He reported the original radio receivers, transmitters and a number of other systems are up and running. The goal is to be as accurate as possible and configure the submarine as it was in the summer of 1945. He is presently working on the three radar sets on board, a loran receiver and other related equipment.

Henry Engstrom displayed half a dozen of his collection of military moral or entertainment radios. His presentation discussed radios such as the R-100, Tropic Master, Navy REO, REP and REH receivers. Some sets had a red warning tag saying the units were not to be used aboard ship. Another surprise was the Navy RCN and RCM units — which were juke boxes. He also described the navy REK system as a complete entertainment system

aboard a hospital ship. The radio in the system was CR-88 receiver. The Hallicrafter S-29 was an R-62/ER while the S-39 was an R-80/ER.

Several different units and a number of complete systems were on display along the walls of the NCO club. We had both working and passive systems to view, turn on, key, load or tune.

On one table was a TBX-5, WW-1 BC-15A spark transmitter (not on the air!) And a 1930's Bendix RA-LB aircraft receiver. A Canadian VHF AN/UTA-68 along with a good looking SCR-300 (BC-1000) and early Army field BC-474A were displayed next to a Navy TBX-1 rig. A pair of BC-611 Handi-Talkies in cases drew attention while a complete GRC-109 with the GRA-71 keyer generated interest. A working T-195 and R-392 in the rack with all accessories was running on 28VDC as was a complete GRC-7 VHF FM set on 6 meters. A 12VDC dynamotor supply and a complete light grey Navy TCS-8 with remote control was loaded into a dummy load on 75 meters. Four channels of VHF AM were demonstrated on a complete AN/ARC-5 VHF set running on 28VDC. Along side was the SCR-284 set (BC-654) with 12VDC PE-103 and a short wire antenna made of clip leads.

We are all people interested in military radio and all work is by volunteers. Since we do not have an organization or dues, costs are shared by passing the hat. There is no charter, elections, officers or other type of official organization. After a short business meeting Hank Brown, W6DJX, was selected to be responsible for next years meeting and program. Next years meeting date is firmed up as may 1, 1999. We plan on more activities friday afternoon and evening with more equipment operations in the field. Some observed this would be the last MRCG meeting of this century!

Bob Heusser, K6TUY, video taped the entire meeting. The tapes have been moved to VHS tapes by Don Jeffrey, W66DFV, and will be available for \$10, postage paid. Contact Hank Brown if you want a tape. The 1996 and 1997 tapes are also available. The tapes run about 2 to 3 hours and cover the meet, swap meet, presentations, BBQ, etc.

Towards the end of the day a number of wants and haves were listed from members. Wants and haves included complete sets,

parts, manuals, transmitters and receivers and on and on. Everyone left with a positive attitude and the feeling of having had a great time at the MRCG.

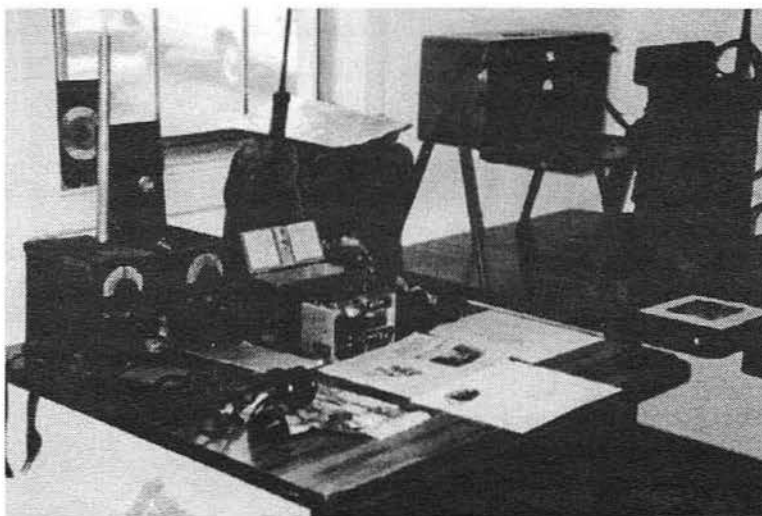
Plans are under way for next year and it looks like it will be even more interesting. Several news letters and bulletins will be generated during the year to keep every one up to date as to what is being planned.

Contact Hank Brown, W6DJX, 4141 West I-2, Lancaster, CA 93536, (805) 943-2027 If you would like to join in, give suggestions or request more information.

Don Jeffrey, WB6DFV, is the e-mail contact and is in contact with Hank on a regular basis. Don's e-mail is bollan@aol.com.

Ed Zeranski takes care of the mailing and e-mail roster. He can be reached at ejz@marlin.nosc.mil.

Also, drop in on the group web site at <http://www.milradio.net>.





This is to certify that:

I, _____

(SIGN NAME HERE)

am a member of the Dick Tracy Secret Service Patrol, and I hereby pledge myself to ...

- stand for law and order
- be trustworthy, honest, honorable
- be kind, courteous and helpful to others
- be fearless, courageous in what I know is right
- be alert and healthy in thought and action
- honor and obey my parents
- keep the secrets of the Dick Tracy Secret Service Patrol strictly confidential.



Certified by: Dick Tracy Jr.

DICK TRACY SECRET SERVICE PATROL

Witness: _____

(PARENT OR GUARDIAN)

Promotion Record

I became a full-fledged member of the Dick Tracy Secret Service Patrol, entitled to all patrol privileges, on January 1, 1939



I was promoted to the rank of Sergeant on March 1, 1939

Place Lieutenant's Insignia Here

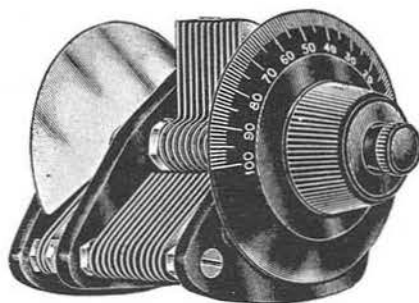
I was promoted to the rank of Lieutenant on _____

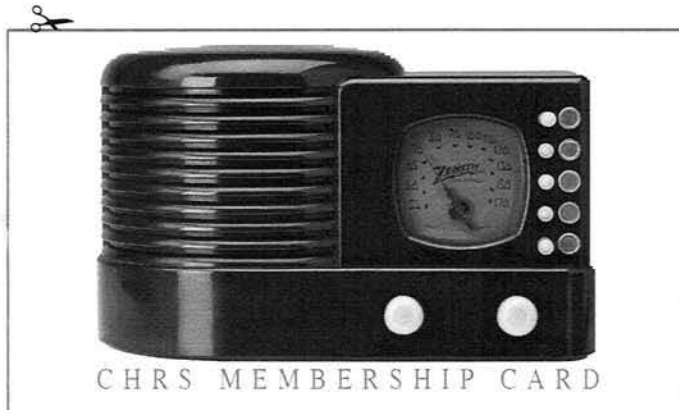
Place Captain's Insignia Here

I was promoted to the rank of Captain on _____

Place Inspector-General's Insignia Here

I was promoted to the rank of Inspector-General on _____





CHRS MEMBERSHIP CARD

CONTENTS

About CHRS	2
The President's Message	3
Want Ads	5
The Remler Co.	7
Mee Shing Radio Co.	10
Vintage Book Review	11
Military Radio Collectors	12
Dick Tracy Premium	14



Mee Shing Radio Co.



P.O. Box 31659
San Francisco, CA 94131

415 978-9100

CHRS on the Internet:
<http://www.antiqueradios.com/chrs/>



Why Ozarka Receives from Honolulu

OCCASIONALLY some owner of a radio instrument receives from London, England. But did you ever hear of any one receiving Honolulu, Hawaiian Islands? We will gladly give you the names of the writers of the letters reproduced here, as well as send copies of many letters showing how other Ozarka owners have had results from London, England, Cardiff, Wales and Glasgow, Scotland.

These cases are exceptional, of course, but they must prove to every thinking person that the Ozarka is the greatest distance receiving instrument known today.

In the ownership of an Ozarka Instrument, you are assured of not only the last word in radio, but you will receive expert service, which is far more important than the instrument itself. This is a point you should keep well in mind when you buy radio. Be absolutely sure that the person or firm from whom you purchase is thoroughly capable of keeping that particular instrument in perfect condition. The situation in Radio is exactly the same as that of the automobile. Both are mechanical—both have little things go wrong at times, and both are quickly and easily fixed by the man who knows how.

The Ozarka Radio instrument is sold only by trained factory representatives who know every part, every wire of this instrument. Before he can wear the Ozarka gold button he must satisfy our engineers that he is thoroughly capable of delivering trained service.

4 Tube Ozarka Radio \$39.50 and Up

The Ozarka representative will gladly set up this Ozarka instrument in your own home on trial. He will not make any claims but will let you operate it and prove to yourself that it absolutely has no equal for volume, tone, distance and ease of operation. This will not obligate you in any way.

And as for price, you will, no doubt, be agreeably surprised because Ozarka Four Tube Instruments, for loud speaker operation, are sold as low as \$39.50.

Let us send you more information about Ozarka, including hundreds of letters giving the most marvelous results ever received on a radio instrument. Drop us a card for our free illustrated book No. 200. Please give name of your county.

OZARKA, Inc., 505 Washington Blvd., CHICAGO

The Service Behind Ozarka Makes This Distance Possible

Pittsburgh, Pa.
Chicago, Ill.
Gentlemen:—I want you to know that I think I have received the greatest distance possible on my Ozarka—K.G.U. Honolulu, Hawaiian Islands.
A great many friends who have radio instruments of all kinds and bought at all kinds of prices, but no one in this city to my knowledge ever received from such a great distance. I am so pleased with my instrument is putting it mild. Yours very truly,
H. J. R.

Alden Bridge, La.
Ozarka Incorporated,
Chicago, Ill.
Gentlemen:—A few nights ago I heard the beautiful Hawaiian Orchestra, direct from Honolulu, territory Hawaiian. When you consider the distance that this is from Alden Bridge, I certainly think it ought to be a record. This music came in beautiful and clear, in fact, it could not have been any better. Yours very truly,
W. H. H.



More Men Wanted To Sell Ozarka

RADIO offers today an exceptional opportunity for the right kind of a man to build up a permanent, substantial and profitable business of his own. Ozarka factory representatives are today building up very satisfactory incomes for themselves.

In territory which is not now covered there is still an opportunity for a mechanically inclined man who is willing to place himself under our training. We can show such a man how it is possible to build up a business in his own town, possibly in spare time to start with, but sooner or later will justify giving it all of his time.

We are looking for men who realize that there must be some way of improving their condition. We prefer men who know absolutely nothing about radio, because we can then train them according to our own method.

The man we are looking for has a good reputation, is well and favorably known in his community, may not be a salesman but can talk convincingly on something he knows perfectly and firmly believes in.

The Ozarka Plan will give such a man his first real opportunity to establish himself in a business of his own. Investment of money is small but necessary.

All we must make sure of is that you are determined and willing to put forth the effort. If you will do this just write and say: "Send me your Ozarka Plan Book No. 100." It may be the turning point in your life. Don't fail to mention the name of your county.

Nashville, Tenn.
May 14, 1924
Ozarka Inc.
Chicago, Ill.
Gentlemen:—I consider my best night when I successfully connected in with the following stations: Honolulu, W. G. N. - Chicago, W. G. N. - Portland, W. G. N. - San Antonio, K. D. K. - Pittsburg, W. G. N. - Northfield, W. G. N. - Schenectady, On a recent night station K. Y. W. Chicago gave a special program lasting all night. Yours truly,
G. C.



This Button identifies Ozarka Representative in your city—your assurance of complete radio satisfaction.



1998 CHRS Member

Bulk Rate
U.S. Postage
PAID
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Permit No. 278