

In affiliation with the
MOUNTAINS
'N' PLAINS
RADIO
COLLECTORS
ASSOCIATION

FLASH!!!

An Official Journal Published For Radio Collectors
Dedicated to the Preservation and Documentation of Wireless, Radio, TV, and Associated Equipment

Volume 5 **JANUARY** ☺ **FEBRUARY 1994** Issue 1



- IN THIS ISSUE -

Step-By-Step Restoration Project - Part One
Start 1994 With Radio Collector's Resolutions

Official Journal of the
**Colorado Radio
Collectors**

Founded October 1988

Dedicated to the Preservation and Documentation of
Wireless, Radio, Television, and Associated Equipment

MEETING LOCATION

Unless otherwise noted in this Journal, beginning in January, meetings are held on the second Sunday of every other month (exception: third Sunday in May) at 1:00 PM at the *South West Bank Building*, Community Room, 1380 South Federal, Denver. A swap meet follows the meeting in the bank parking area.

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Please do NOT make checks to CRC,
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WANT ADS

AND

ARTICLES

Should be directed to the

M.P.R.C.A. Editor

1249 Solstice Lane

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DEADLINE NOTES

It's the intention of this Editor to broadcast our journal bi-monthly just prior to the C.R.C. meetings. Articles about, and pictures of your treasures, are welcomed as are *Wanted-Sale* ads and any letters or comments about our hobby. All materials used are the copyrighted © property of the **Mountains 'N' Plains Radio Collectors Association**.

Your Editor will put together articles about your best finds, restoration and electrical repair techniques, or your recollections and stories about radio. Just provide a handful of information in any form.....and we'll put it together!

Our club can only succeed when we share our experiences, talents, needs, and adventures; you're being asked to contribute in whatever way you can. **SHARE** with us today!! Thank you!

DEADLINES

February 1 • April 1 • June 1
August 1 • October 1 • December 1

RADIO COLLECTOR'S RESOLUTIONS...

By **Russ Connell**

C.R.C. Member

Tell myself I am preserving history every time
I weaken and buy another radio

Assure myself I have room for one more radio,
even though the house, basement,
and garage are full

Tell my friends I bought it for a bargain, even
if I paid too much

Always say I repaired it myself,
even if I had help

Tell anyone who asks, they are all in good
working order and sound great

Resolve to trim down my collection
next year and specialize

Support the **Colorado Radio Collectors' Club**
by attending every meeting and volunteering
to help whenever needed

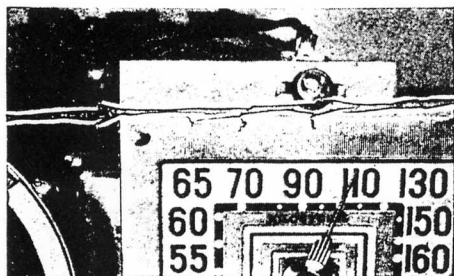
In the end, if I can't take my radios with me,
I am not going!

YE OLE JUNKBOX

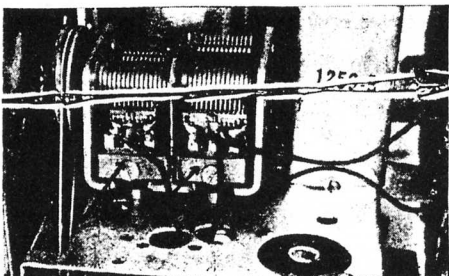
Servicing Your Radio

OFTEN minor adjustments that can be made at home will correct radio-receiver difficulties or give additional reception to an old set. Below are methods for

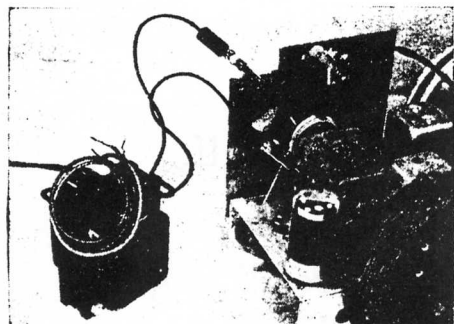
detecting a faulty heater in the power pentode tube, extending reception at the upper end of the dial, eliminating noise in a new condenser, altering a midget filter circuit.



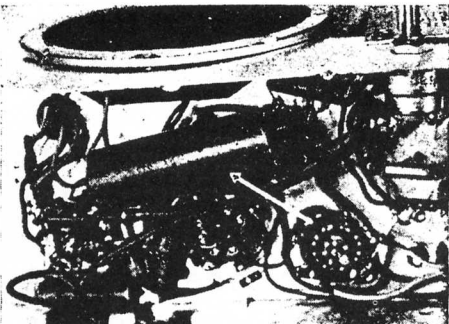
REPLACE THE POWER PENTODE TUBE if the pilot light goes on and then immediately goes off again each time the receiver is turned on. The trouble is a faulty heater in the 50L6GT tube. It makes proper connection inside the tube when cold, but when it warms up the contact is broken.



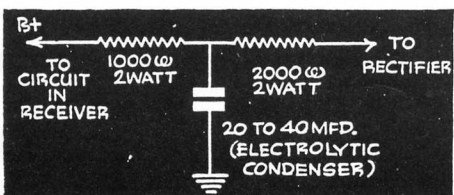
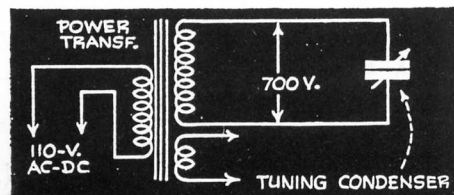
1,600-KC. STATIONS CAN BE BROUGHT IN on an old AC-DC midget set by readjusting the trimmer on the oscillator tuning condenser. The capacity is reduced a sixteenth of a turn at a time by loosening the nut shown at left above. Then loosen the nut on the other condenser to increase volume.



NOISY TUNING IN THE LATEST RADIOS may be caused by filings between plates of the oscillator tuning condenser. These may be burned out by connecting the secondary of a 700-volt power transformer across the condenser, as shown above and in the diagram. Be sure to disconnect the house current and the grid connection to the oscillator unit.



THIS SIMPLIFIED FILTER CIRCUIT for a midget AC-DC receiver uses only one electrolytic condenser, and may prove worth substituting when servicing a filter circuit that contains two or more electrolytic condensers if replacements for these condensers are hard to obtain. The diagram below shows how the substitute wiring is done.



ON THE AIR

THIS AREA RESERVED FOR EDITORIALS PLEASE EXPRESS YOUR THOUGHTS

Rick Ammon, *FLASH!!* Editor

First, I'd like to give our contributors a very special thanks! This is the best issue yet with restoration ideas from cover to cover and lots of participation. A great way to start a New Year! You're taking this "Ol' HomeBrew" of a publication and making it into a Zenith Stratosphere. That's what we're all about...sharing ideas....**THANK YOU!**

We've had a request from the New Jersey Antique Radio Club to reprint Larry Weide's Superhet alignment article. Nice work, Larry!

Several of you ordered club-discounted radio books at the auction. They're in and I'll bring them to our next get-together (weather permitting). You might want to let me know how to get them to you if you can't make it to the next meeting.

NEW CLUB BEING FORMED

In this issue you might have noticed references to the "**Mountains'N'Plains Radio Collectors' Association**". In an effort to pull together state-oriented clubs such as the **Nebraska Radio Collectors** and the **Colorado Radio Collectors**, and individuals in the Rocky Mountain and Plains region who want to be affiliated with an organization for the pooling of club news/restoration information, this Association is being formed.

Unlike most clubs, the **M.P.R.C.A.** doesn't require membership dues *if you're a member of one of the state-oriented clubs*. Dues generated locally within that club will help to get the **FLASH** to its own members just as the Colorado club does now. Each state club will have its own club-specific information in their newsletter with the body of the pages (currently 16) broad-based enough for all readers. **Clubs retain autonomy!**

For those individuals scattered throughout the region, there might be incentives to form state/area meeting groups. Twelve dollars annual dues would bring each a specific **M.P.R.C.A.** newsletter designed to promote these area groups/clubs, provide group and restoration news, and share the same info the state clubs get. All in an effort to reduce the miles between members and create regionally-oriented clubs for Super Meets, Super Shows, and Super Auctions! Suggestions always welcomed!

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Thank You!!

Russ Connell, Wayne Gilbert, Larry Weide, David Hamm, Bob Coffer, David Boyle, Bruce Young, Dick Hagrman and Jim Mise for the 1943 *Popular Science* service info shown on page four.

We sincerely thank C.R.C. member **Lonnie Smith** and his Denver company

PRESSWORKS
for providing us with a professionally printed issue of the **FLASH!!**

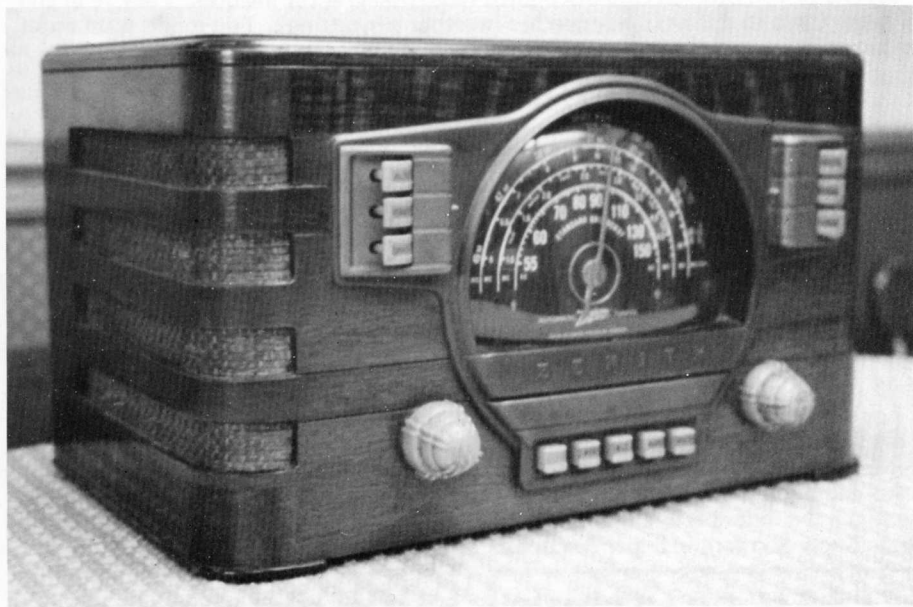
"HOLLYWOOD"



BLACK DIAL



This issue's cover is graced with a very special "Starlet". It's a Zenith Black Dial now in the possession of C.R.C. member Russ Connell and his wife Eloise. Here's the story of this beautiful Hollywood radio's homecoming.



This Zenith Big Black Dial plays a role in the filming of "Diagnosis Murder", a CBS-TV Barry Van Dyke film series. The 1941 table model 7S529 has been on loan to ViaCom Studios for the past four months and just recently was returned to a Broadway Avenue antique store in Denver.

Russ Connell, a new collector and member of the **Colorado Radio Collectors**, happened upon this find while taking a noon-time walk, browsing antique stores. The Zenith caught his eye and appeared in excellent condition, except for a severed power cord. After several days of bargaining, Russ was able to make a great buy and returned home with a new addition to his collection. That evening he went down to his workshop to repair the power cord and to his delight beautiful music played when the set was plugged in!

This radio is a perfect companion to Russ' 1941 Zenith Console 6S556 purchased this summer from club member Dan Buseti. The Connell's family room now displays 1941 Zenith Black Dials on both sides of the family television. Who knows, they may also be seeing this very same radio playing on their Panasonic TV when viewing "Diagnosis Murder"!

(Elsewhere in these pages you can see the 1941 Black Dial Console mentioned above and other goodies Santa must have put under Russ' Christmas tree! *Editor*)

A. K. 82

BASKETCASE

CHALLENGE

By David Boyle - Part 1 of 3

It all started with an *Antique Radio Classified* "For Sale" ad: "Cathedrals AK 82, etc., etc., excellent condition". You know how it goes! I needed an AK82 to fill out my series of AK 80, 82 & 84. I believe it's the most attractive of the three. The East Coast seller assured me the radio was in fine to excellent condition; the finish was good, the radio tubes lit up when plugged in, the grill cloth was pristine, etc. So, as usual, I paid a "Bunis Plus" price for the radio. What the heck! Money is only a tertiary criteria for us emotionally-driven collectors. Besides, I always buy high and sell low to help our economy!

Upon arrival the shipping box looked undamaged so I proceeded to unpack. What a disappointment! Here's what I observed:

- 1) The cabinet was literally falling apart at all glue seams (photos 1 & 2).
- 2) Much of the veneer was loose around the speaker cut-out; not unusual but still a letdown.
- 3) The chassis was extremely deteriorated and rusted. Being a consummate Philco radio collector/restorer, I'm used to chassis corrosion. But since AK radio chassis of this era were nickel-plated, they are typically found in good shape (photo 3).
- 4) All the above chassis wiring was threadbare!
- 5) The tuning condenser did not mechanically function.
- 6) The power transformer cover was broken away from the chassis.
- 7) The above chassis trimmer condensers were not recognizable due to corrosion and dirt.
- 8) All the parts appeared to be there except the "80" tube (rectifier).
- 9) The speaker seemed to be in good condition as well as the speaker grill cloth.

The next stop in the continuing physical assessment (remember - this is a saga!) of the AK82 was to remove the chassis from the cabinet. At this point I was again slowed down due to the "rusting together" of the under cabinet chassis retention screws to the "ears" on the chassis bottom. I had to use a Dremel shearing tool to decapitate the screw heads.

Now at this point I'm already thinking terrible thoughts about the seller and his misrepresentation of this radio. But wait! The best was yet to unravel (literally) before my eyes.

It's tempting to stop this article at this juncture and have you "tune in" in 2 months for the next installment, but we'll never get through this "Perils of Pauline", ol' time radio broadcast if I do.

There it is: Mickey and Minnie Mouse and li'l rug rats had set up housekeeping in the basement of this radio...evidently for quite some time. The entire under chassis was filled with who-knows-what debris, excelsior, mouse droppings, pieces of "edible parts", and wire insulation. I've see this before but not to this extent. The really bad news was many hook up wires were eaten down to bare metal. That combined with the fact that this generation of AK radios used some wiring with colored rubber insulation that would naturally discombobulate, given age and environmental exposure. What a mess! (photo 4) (Continued on page 10 →)

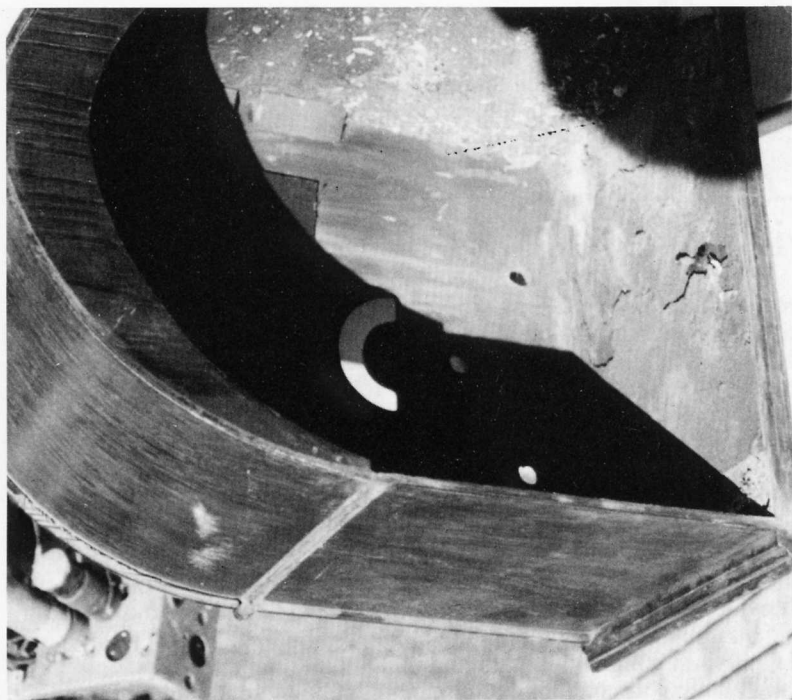


PHOTO 2

Rear view shows missing veneer on back of front panel (face), corrosion of steel under-chassis heat shield, pile of dried mud in right corner and "waterline" of mud and "stuff"

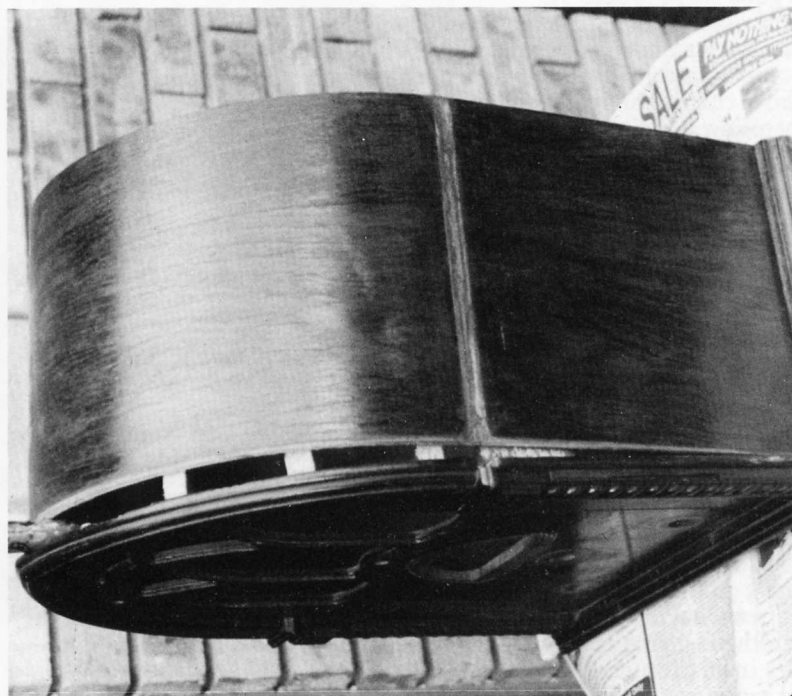


PHOTO 1

AK82 cabinet as received with many glue bonds broken

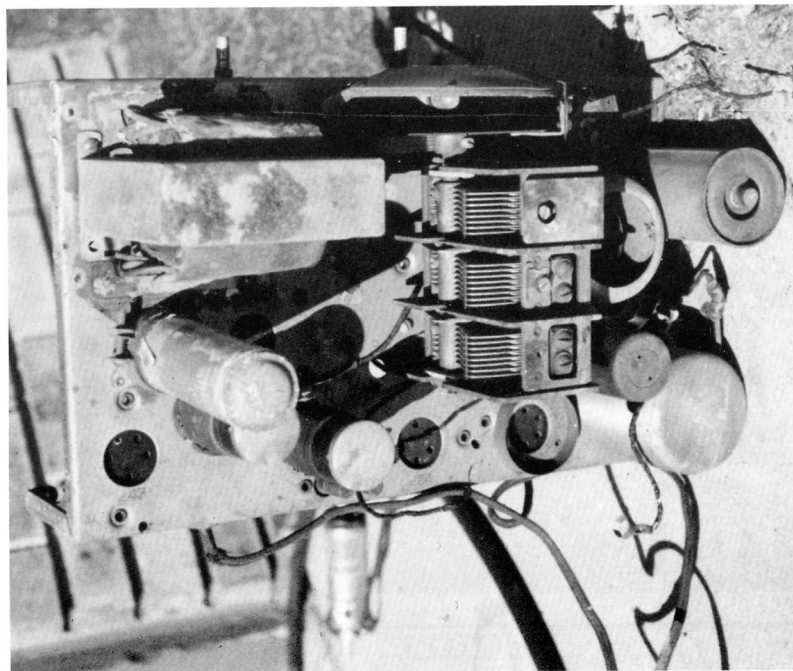


PHOTO 3

Top of chassis in condition received. Note **EXTREME** rust on power transformer and tuning capacitor frame

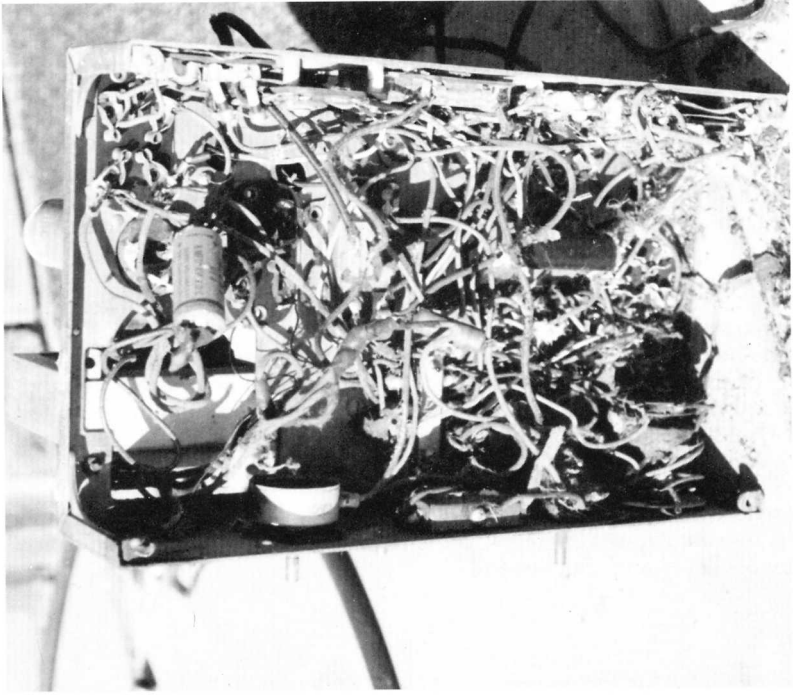


PHOTO 4

Under-chassis view shows the pile of removed mouse house "stuff"!

CHALLENGE (→ from page 7)

Now I'm really ticked off. Further investigation and overview took place after a preliminary cleaning of cabinet parts. Yes, parts! And after blowing off the chassis and under chassis areas with compressed air (photo 5). There was a dead short on the primary side of the power transformer.

Well, I called the seller and negotiated a 15% refund. He offered to buy back the radio for the full purchase amount, but if I returned radios like this I wouldn't have any "BASKETCASE CHALLENGES" in my life. Can't have that, can I!

Some important information I want to cover concerning the restoration of radios like this:

Remember to always use a isolation transformer and variac when first powering up old AC sets.

Remove the rectifier tube and check AC voltages on secondary windings while exciting the primary with approximately 25 percent of normal input voltage.

Then proceed upward in voltage, very carefully. I don't recommend going too high without a B+ circuit load because AC rectifier plate voltages could exceed breakdown limits of old insulation!

March's installment will describe detailed disassembly of the chassis components and the repair, restoration, and preservation, including Boyle techniques and handy hints for many of these parts. Stay tuned!

73's

Dave Boyle

Card Carrying Old **FARTS*** Member (*Old Friends And Radio Technicians Society)

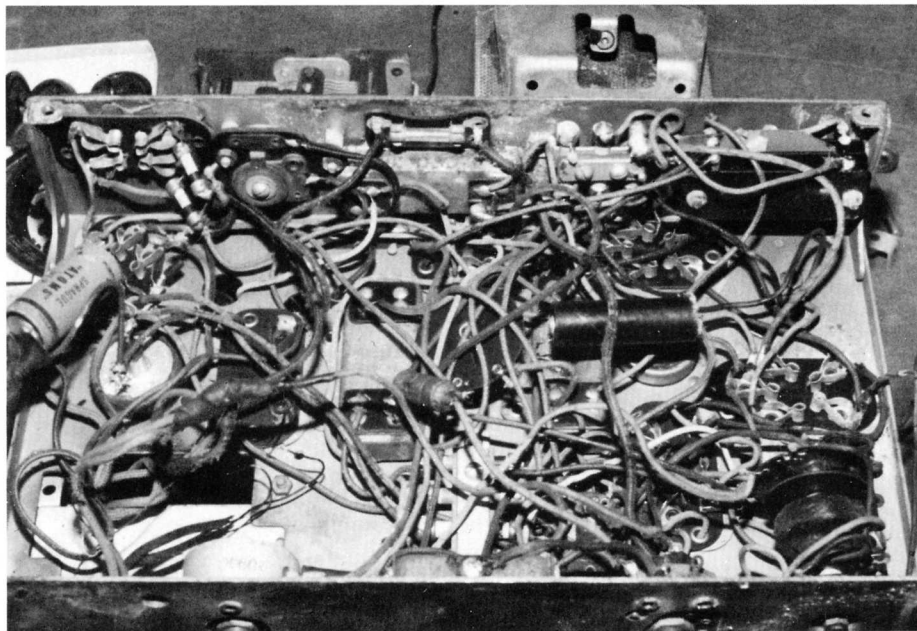
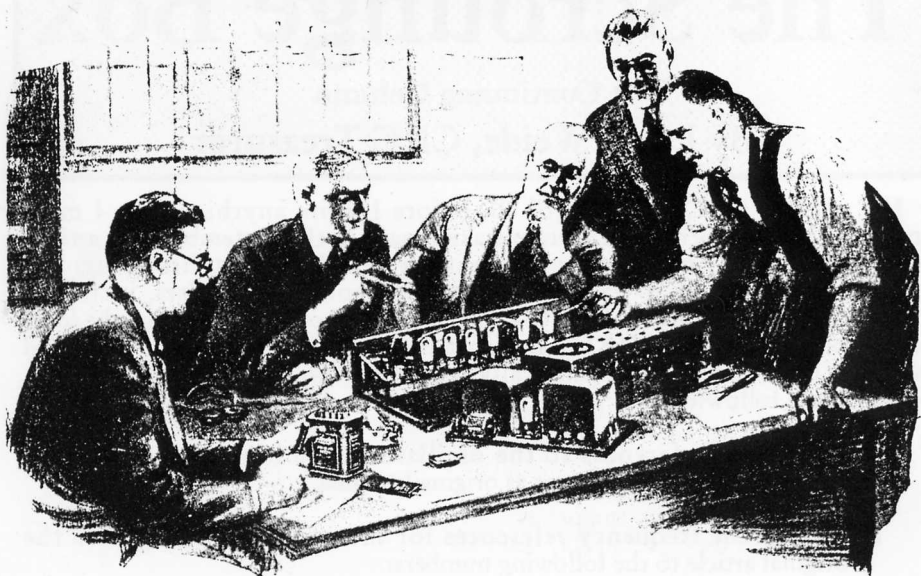


PHOTO 5

View of chassis after preliminary cleaning for initial assessment of physical condition



Happy Holidays And Have A Great New Year Finding Trinkets!



Look what Santa left Russ & Eloise Connell! Are the transistors in the stocking?

The Scrounge Box

A Continuing Column

By Larry Weide, CRC Treasurer

Hi...all you CRCers! First of all, before I write anything else, I must apologize for and correct a serious mistake I made in the September 'Box article. It would seem that once I get something in my head I don't let little things like facts confuse me. As it was pointed out by a couple of readers, including Ludwel Sibley, the editor for the *Old Timers Bulletin* on the east coast, the local oscillator for a typical 455KHz superhet is ABOVE the broadcast band and NOT BELOW it as I so emphatically described. So, to correct the article, please do the following:

1. Change all references to the oscillator to be higher than the R.F. frequency rather than lower as originally stated.
2. Change the frequency references for the oscillator in Fig. 2 in the original article to the following numbers:

900 1055 1155 1255 1355 1455 1555 1655 1755 1855 1955 2055 2160

Obviously then, you're also not going to get a little portable radio to be a "poor man's" signal generator since it can't oscillate at 455KHz - At least not in a straight forward manner. The results I got when testing must have been with a harmonic of the oscillator's frequency.

I think when the man asked, "How do you get to Carnegie Hall?", the answer really should have been, "Edit, Edit, Edit!"

O.K., on to this month's subject which is invaluable technical information you may not know about, but is readily available. It turns out throughout the Rider series of the "Perpetual Trouble Shooter's Manual", known to most of us as simply "Rider's", there are inserts of data that concern various techniques and components which were widely used by particular manufacturers. The problem is there's no index nor particular logic for the location of this data. Unless you just happen to run across an item, you may not know it's there.

For example, I just recently acquired a Philco Model 112 console. When I was perusing through it's diagram on page 466-4 of Rider's volume II (by-the-way, Philco, at this time, is still known as the Philadelphia Storage Battery Co. in Rider's), lo and behold I discovered a very complete description of Philco capacitors and resistors on the very next page! A stroke of luck for the unwashed since there's no reference anywhere in the manual.

So, with a whole lot of scanning, and a bunch of help from Dick Hagrman, I've compiled another list of lists I hope will be helpful to you folks. You'll notice the data is limited to only a few manufacturers. Presumably, this is because they're the only ones who presented it to be published, but then they also represent a goodly portion of the radios produced during these periods. Note, I've limited my search to Rider's since these manuals are already in the hands of many us, and they're also available in public libraries. I might mention the first few volumes of my particular set of Rider's were published for the National Schools. Therefore, there may be some discrepancies in page numbers between your volumes and mine. On the following page, is this information.

RIDER PAGE/ VOLUME MANUAL

DESCRIPTION

I	Front	Lots of data on early tubes, techniques, specific model "peculiarities", theory, power, speakers, testing, etc.
II	466-B-3	Capacitors - wiring, color values (Philco) part no's; Resistors - values, color codes, part no's; Coils - part no's, model use
III	568-A	Resistors - color codes, values, part no's (Sparton)
	177	Tube - requirements, some types (Atwater Kent)
	3-1	Resistors - values, unique color codes, part no's
		Tuning Condensers and Alignment Notes (Crosley)
	3-44	Chassis Data for many Models
	3-53	Tubes, Ballasts and Pilot Lamps Specs.
	3-46	Changes to Certain Models for Lower Freq. (Philco)
IV	3-13	Vibrator Unit Service Data (RCA)
	3-77	Tube Specifications (RCA)
	4-1	Automobile Antenna Data - many makes (Motorola)
	4-17	Vibrator Unit Service Data (Grigsby. Grunow)
	4-44	Speaker Specifications
V	4-47	Vibrator Age Dating, auto ground polarities, (Philco) Flexible shaft components
	5-23	Capacitor, Resistor, knob data (Atwater Kent)
VII	5-6	Special Tube Specifications (Sparton)
	7-147	Model Change Bulletins
	7-151	Dial Drive Assemblies (Philco)
	7-1	Various Model Change Bulletins (Changes)
VIII	8-87	Alignment Trimmers for Various Models (Philco)
	8-6	Phono Circuits - 1938 Receivers (Zenith)
	8-1	Various Model Change Bulletins (Changes)

At this point you'll find a change bulletin section in many of the remaining Rider manuals.

Starting in Volume XII you will find "clarified schematics" in which band changing circuits are detailed.

XIII	13-1	Antennae, tone arms, model changes and (RCA) ballast tube data
XIV	14-31	Auto models - tuning procedures (Philco)
XV	15-81	Style, chassis, changer, speaker, etc. (Magnavox) cross reference chart

Well, my thumbs and eyeballs are as chafed and bloodshot (in that order too) as they can get from all the page by page searching. If I've overlooked something that you know of and feel is important I'd sure like to know about it. Also, if you have "good" but obscure data outside of the Rider manuals that we all should be aware of, let me know about that too.

The Eyes Have It!

Quoted from December 1935 Radio News - Editor

(From the article "How the 6E5 Cathode-Ray Tuning Tube Works")

The 6E5 tube, a new visual tuning indicator, that has no moving parts, is really two tubes in one, as the upper part acts like a cathode-ray tube while the lower part acts as a triode! *The cathode is common to both sections of the tube.*

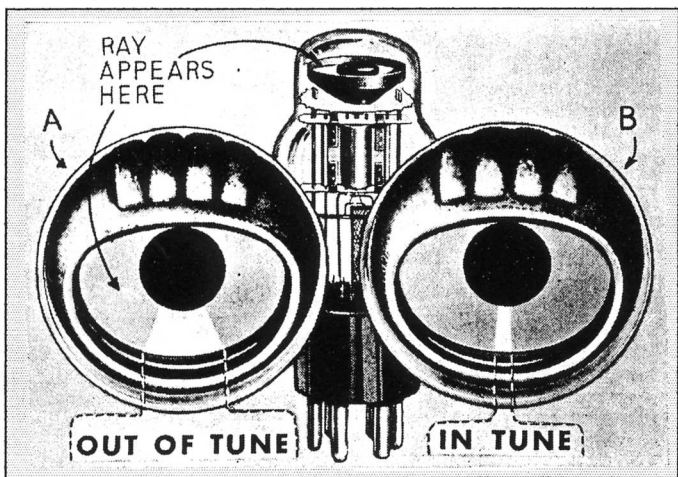
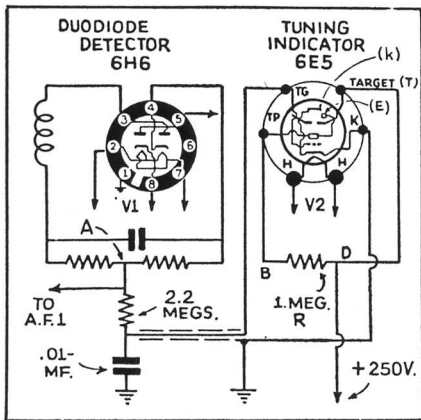
A rough idea of the internal construction of this unique tube, developed by RCA Victor Laboratories for use in the 1935-36 line of radio sets, may be had from the schematic symbol of fig. 1 (Immediate right - Ed.). The triode is used as a (6H6) amplifier.

"The cathode-ray is produced as follows. When the cathode is heated, electrons given off in the upper end (k) are attracted to the coated target (T) operated as a positively-biased anode. When the electrons (constituting a 'cathode-ray') hit the target, its coating glows or "fluoresces" with a greenish-yellow color. The electrons leaving cathode K at tip k and being drawn to the positive target, can be controlled and directed by a third element, E, called a 'ray-control electrode'.

"The operation of the visual indicator section of the tube depends on the control which the ray-control electrode can exercise over the area of the target which is struck by these electrons. The pattern (in the 6E5, impression of an 'eye' is created, the pupil being simulated by a light-shield placed at the tip of the cathode k) developed on the fluorescent target depends on the contour of the target as well as the potentials, position and shape of the ray-control electrode."

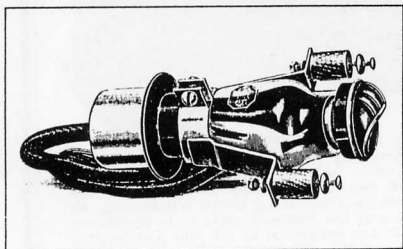
In layman's terms, the action of tuning the radio changes the AVC (audio volume) through the sister triode which changes the potential or electrical pressure on the "ray-control element". In turn that varies the stream of electrons hitting the fluorescent target. The part hit by electrons glows an eerie green. This action appears as an eye's pupil widening and narrowing as shown in fig.2 A and B. To every kid, young and old, the illusion of this "Big Green Eye" winking and squinting with each turn of the tuning knob is a delight! Now knowing the basics of how this circuit works takes all the fun out of this mysterious illusion.....NOT!!

A special thanks to Bruce Young for allowing us to include a full page ad for a "Do-It-Yourself" eye (opposite). He has found a set with this added feature.



Now . . .

an RCA CATHODE RAY TUNING INDICATOR



for all receivers

List Price

\$ 3 00

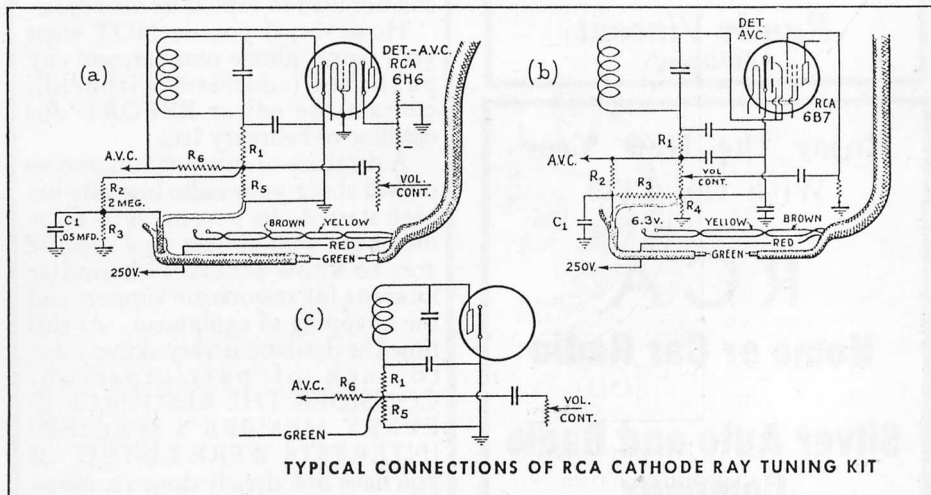
STOCK NO. 9688

Contents of Kit

- 1 RCA 6E5 Electron-Ray Tube
- 1 Socket complete with 24-inch cable
- 1 Tubemounting clamp and bracket assembly
- 1 Eye-Type escutcheon
- 2 Mounting bushings
- 2 Mounting screws complete with nuts and washers
- 1 Clamp screw complete with nut and lock washer
- 1 Rubber gasket

Now you can install a genuine RCA Cathode Ray Tuning Indicator, just like the famous RCA Magic Eye, in almost any receiver having an automatic volume control. By means of this complete kit of parts, installation work is but a matter of moments—just drill one hole, install three screws and make a few connections.

Always carry an RCA Cathode Ray Tuning Kit to show to your customers. You'll make a sale almost every time because everybody wants one. Ask your RCA Parts Distributor for details of this and other RCA money-making accessories.

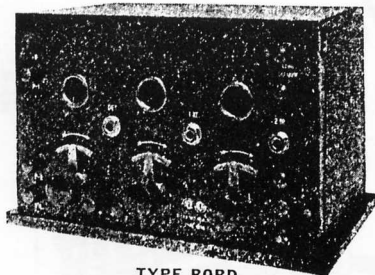


When Signals Are Weak

They can be brought in one hundred times stronger if you connect into circuit a



Vacuum-Tube Detector and Two-Stage Audio-Frequency Amplifier



TYPE RORD

This Instrument embodies the latest development in Amplifier construction—The Grebe Automatic Control. A telephone jack and plug system controls both the filament and telephone circuits automatically. With the plug in the first jack the Detector only is in use; in the second jack one stage of amplification is added and the output transferred to the telephones. In the third jack the second stage is connected into circuit and the complete unit is in operation.

There are three posts for the B battery; the outer posts are connected to the end terminals of the B battery; the intermediate post to a tap on the B battery. Thus, the full voltage of the battery is applied to the AMPLIFIER tubes while any desired part of the same battery is applied to the DETECTOR tube.

Ask your Dealer to show you this and other Grebe Models—if he doesn't carry our line, write us for Catalog—mentioning his name.

A. H. GREBE & CO., Inc., 72 Van Wyck Boulevard, Richmond Hill, N. Y.

WELCOME NEW MEMBERS

Dave Gonshor
Littleton

William Hinkley
Lakewood

Jeffrey Kyle KF6WX
Vacaville, CA

Randy Vincent
Littleton

Enjoy the New Year
With the 1939

RCA

Home or Car Radio

Silver Auto and Radio Company

1400 Champa

TA. 2293

IMPORTANT NOTICE

By request of the members in attendance at the last meeting, a listing of all current **Colorado Radio Collectors** members will be printed in the next **FLASH**. We know this list will be kept within the club ranks and not used to exploit its members.

However, if you do **NOT** want your name, phone number, and city published (addresses withheld), contact the editor **BEFORE** our deadline of February 1st.

A database of information you've provid about your radio interests has been started. Its purpose is to allow members who collect in a specific area to know others with similar interests for restoration support and the swapping of equipment. At this time the database is very skimpy due to lack of participation. **CONSIDER THE RESOURCE IF EVERY MEMBER'S SPECIFIC INTERESTS WERE LISTED.** If you have not already done so, please fill out the "INTERESTS" form and return it to your Editor at a meeting or mail it today.

Minutes of the November C.R.C. Meeting

By Vicki Ammon

Welcome Jeffrey Kyle (KF6WX) from California who attended our meeting and became a new CRC member! He was on vacation and "just dropped in"!

September's Annual Auction was allowed considerable time. There was great confusion concerning the buy-back policy. It was noted this summer's Nebraska auction had buy-back minimums listed on everything which saved time. The AWA auction had buy-backs automatically initiated when the posted reserve price was not met. President Wooters said the buy-back option and the manner in which it would be implemented would appear in the **FLASH** for all to consider well before the next auction.

Better auction organization would be desirable. Recommendations were to rope off the sales items and create a dedicated location for items already sold as well as provide a new system spelling out when and how sold items would be picked up by the new owner, rather than the time-consuming "free for all" at the end.

One of the members remarked it was unfortunate no one was available to speak for the radio's conditions - whether these radios were working or not. Dick Hagrman said it's best to consider them "sold as is" and the "buyer beware". There was a recommendation a sign stating the condition be placed on the item before the time of sale. The positives of this being one would not have to guess whether the radio worked and could bid on it accordingly. The negatives being that often the condition is unknown or untried and false claims might be made.

It was suggested, because of time factors and alternate activities during the summer, the auction be scheduled differently than on a regular meeting date, perhaps during August, in order to have a September general meeting.

Discussion of forming a committee to study the options of different auction methods was brought up. Additional information members acquire over the next few months could be given to this committee to enhance our auctions.

Larry Weide expressed thanks to Kathy Tynan for keeping things moving when his laptop computer stopped functioning at the auction. Thank you, Kathy!!

CRC member Wayne Gilbert, as Assistant Director of the Belman Historical Park and Museum, attended the meeting. Gilbert told the group the Museum is interested in co-promoting with the club. The idea of an exhibition-type display was tossed around. The "barn" is an environmentally protected and policed display area with guided tours. Articles are shielded behind plexiglass windows except for those specifically designated for public contact. (Continued on page 19 →)

**!! ARE YOUR !!
!! DUES DUE?? !!**

If your address label reads "9401" or earlier,

DUES'R'DUE IMMEDIATELY!!

ANNUALLY PRO-RATED TO JUNE 1ST

The Open Trunk

4 Sale/Trade:

- Zenith Chairside Model 5810: Restored cabinet - working chassis. Includes all original paperwork
- RCA 813 K console: Restored cabinet and chassis. Working station pre-sets, Magic Brain, and Magic Voice.

(Continued Below)

Wanted:

- Looking for AK & Radiola - Also free-standing speakers

Bob Cofer

(303) 360 • 8503

(303) 344 • 9529

Want Ads Are FREE!!

4 Sale:

- Saba 320 cass, 220v - 6v complete \$30.00
- McIntosh MC50 \$110.00
- Holiday 3" R-to-R \$10.00
- Encore 6T409468 \$5.00
- Airline 62-1237A \$5.00
- Westinghouse RPA5070A \$15.00
- RCA YGS11J 3" R-to-R \$20.00
- "How To Use An AF/RF Generator", Leon \$5.00
- Japanese Consumer Electronics Service Manual, 1974 \$7.50
- CB Radio Service Manuals, Volumes 5, 6, 7, 1977 \$8.00 @
- Electronic World, Jan. 1961 \$3.00

All units work - priced according to condition, plus shipping.

David Hamm

P.O. Box 241

Aurora, CO 80040-0241

(303) 344 • 3186

Wanted:

- Zenith Model K-725
 - 1st Edition **Bunis** Guide
- (Continued Below)

4 Sale/Trade:

- Atwater Kent Model 55 with Model F-4 speaker
- Hallicrafter Model CRX-2
- Knight "Span Master"
- Arvin Model 444

Wayne Gilbert

(303) 321 • 6705

Wanted:

- Transistor radios in good condition with "CD" marks ("▼") at 1240 Kc and 640 Kc. Need not work!
- The *Collector's Guide To Antique Radios - FIRST EDITION* (blue covers) by Marty & Sue **Bunis**

Rick Ammon

(303) 224 • 5446 after 7pm

!! ERROR !!

On the 1994 calendar in the last issue, the date for the May *Colorado Radio Collectors'* meet was incorrect. It's on Sunday, May 15th

Minutes (→ From page 17)

A Mini-Show scheduled for July '94 in the Belman Museum's Visitors Center could be deemed a first run to gauge acceptance and club commitment. A full-fledged show is being considered for September '95. Opening day activities were discussed with three different scenarios. Timeline, Political/technical/home-use displays, single unit displays with explanation plaques and dioramas are possibilities. Some of these displays will be long term commitments but many could be worked out on a rotational basis. Wooters gave a vote of confidence by explaining he had loaned pieces to the museum and they had been returned in the same condition as they had been given.

A steering committee of club members was suggested. Immediate interest was expressed by Bruce Young, Dave Boyle, Dick Hagman, and Larry Weide. These members would make a catalog of interesting pieces and establish a display wish list.

The Colorado Historical Society may call upon the club as an advisory source. They don't do shows but they do aspiration-style showcasing. In 1994 they will be doing an "Early 30's Through 40's" Showcase and then will do a "Century in Radio" Showcase. At present they are a wait and see proposition.

Heritage Square, a for-profit group, also does shows. Would the club be interested in the possibility of doing a show through this organization? An at the door entry charge appears to be half a dollar. Would the club get a "kick-back" from this fee? There will be more time given for suggestions about these show possibilities next meeting.

KOA has a 70th anniversary coming up soon. It officially went on the air in 1924. Barney Wooters showed the group a 10th anniversary KOA pamphlet produced for the NBC Denver affiliate in 1934. There is a possibility KOA might want to use it as an advertising piece for the 70th and reimburse the club. Wooters, who's been approached concerning the sale of the pamphlet which he won't give up, will follow up.

David Boyle provided an extremely detailed accounting of the restoration project found in these pages as the first of a series. However, take note, David's lectures gives you more restoration information in a minute than twenty of his pages in this newsletter. He reminded all of us there's always hope for any radio, saying to take the whole project and break it into small segments you can fix. The restoration will be more fun and easier to complete! At the completion of his demonstration, the group recommended these companies to club for their help with members projects:

National Speaker

1559 South Broadway

Good work with discounts to CRC members. Not fast, but good for the price

Penthouse Furniture Refinishing Corporation

755 S. Federal Blvd.

Excellent refinishing work, but somewhat expensive.

It's time to begin thinking about the Annual Radio Show. Ideas for projects such as the main theme, dioramas, information plaques, items of interest, willingness to share time attending the tables to give information to interested people, etc. This show is in April and will be a main topic at the January meet.

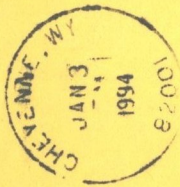
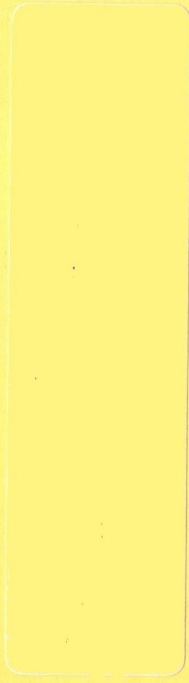
The club presented flowers to Barney Wooter's daughter during her hurried return to the hospital. Wooters thanked the club and let us know the flowers were very much appreciated.

The club wishes to express thanks to Lonnie Smith for his time and contribution to the newsletter by printing it. He offered to do the cover, too, and we have the best issue yet produced for the club. Thank you, Lonnie and **Pressworks!**

Our January meeting is the 9th with March 13th being the next to follow. We'll see you at these get-togethers! Bring Show-N-Tell and SWAP items!

Colorado Radio Collectors

1249 Solstice Lane
Fort Collins, CO 80525-1239



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