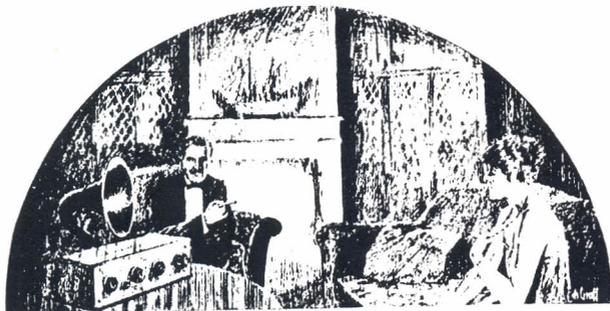


# CALL LETTER

VOL 9 No5

MAY 83

# ATWATER KENT RADIO



## You'll Never Forget the Night

**YOU'LL** never forget the night you first tune in your ATWATER KENT Radio. The thrill of it will live in your memory—the sheer delight of filling your room with living voices or the music from an orchestra perhaps a thousand miles away.

Its clear reception, and the ease with which you can bring in distant stations will be a revelation to you. An added pleasure will come with the knowledge that no one possesses better radio than yours.

ATWATER KENT craftsmen, guided by the experience of skilled engineers, have fashioned the finest materials that money can buy into ATWATER KENT Radio. You will find it combines every feature that means radio satisfaction—unusual selectivity, sensitiveness, distance, volume and tonal quality.

The ATWATER KENT dealer near you will gladly help in the selection of your radio. There is a price, size and style for everyone.

*Instructive literature on request*

ATWATER KENT Manufacturing Co., 4705 Wissahickon Ave., PHILADELPHIA, PA.

THINK OF WHAT IS BACK OF IT



# **CALL LETTER**

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**The CALL LETTER is published monthly by the Northwest Vintage Radio Society, a non-profit organization incorporated in the state of Oregon.**

**Address all contributions and/or correspondence to:**

**CALL LETTER Editor  
P.O. Box 02379  
Portland, OR 97202**

# May Meeting

DATE: May 14th, 1983

TIME: 10:00 AM

PLACE: BUENA VISTA CLUB HOUSE  
ADDRESS: 16th & Jackson Street  
Oregon City, Oregon

The May meeting will be extremely short ! At roughly 10:30 the official proceedings will end and the SWAP MEET will begin. By all indications this will be one of the best gettogethers our society has had in some time.

For the first time in several years our swap meet does not conflict with outside swap meet activity. Months ago we decided to schedule our meet for May and depart from any conflicts with the Auto swap at the expo center.

In addition, many members are talking about cleaning out "the attic" or "the basement" collections and sweetening the pot.

Lastly, but not least, our publicity has been spread far and wide. The public has been invited to join us at 10:30 so let's get there early and pass around the "good deals" !!



# ATMOSPHERICA

By J

## The Flashback

When I was just a lad at school,  
I would gaze around the room  
At my fellow student's faces ----  
Watch the poses they'd assume.

Amazed was I, the variety of  
Each and every blessed one.  
What thought could be in back of them  
Posed a curious notion.

There was "Dead pan" Paul O'Hara,  
There was Helen, so demure,  
Arrogant Bill, Cross eyed Danny,  
Timid Thelma, so unsure.

Long faced Johnny, Thoughtful Milly,  
Sourpuss Carl and Smiling Sam,  
Happy Little Harriet Morris,  
And, oh yes, Garth the clam.

What has this drivel got to do  
With radios or vintage stuff,  
That would be of any interest to  
An ancient radio buff?

At the Club meeting recently,  
I gazed at our members---Lo,  
The same darn expressions were there,  
That I saw sixty years ago!

\*\* \*\* \* \*\* \* \*\*

Lucy Wyre says that a good loud Rock Band gives  
her that great urge to travel.

# Picnic Plans

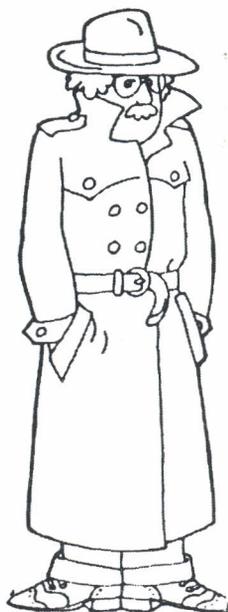
The Northwest Vintage Radio Society's annual picnic is planned for August 13th.

The Power Supply will have the menu plans and the distribution of "goodies" spelled out in next months edition of the CALL LETTER.

When we gather at the clubhouse in August the mystery & intrigue will be there too! President Jerry Talbot has made arrangements to display the F.C.C. video tape, "Patroling the airwaves".

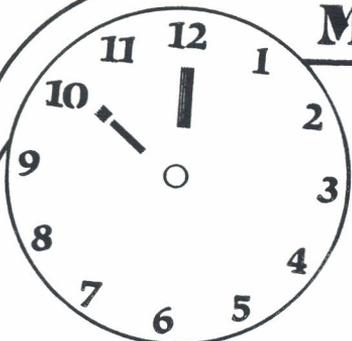
This tape will be played at least once during the picnic and while it's in the Northwest, Jerry has designs of making another showing possible to the TEK RAC club at Tektronics. If you would like to see the tape but can't stay at the picnic, contact Jerry about time and date.

This is only one part of an enjoyable time scheduled for the 1983 picnic. By all means, put it on your calendar as a good time for the whole family.



A 'G-MAN'  
AT THE PICNIC

# Meeting Minutes



The regular monthly meeting of NWVRS convened at 10 A.M. on Saturday, April 9, 1983. President Jerry Talbott presiding.

The minutes of the meeting of March 12, as published in the Call

Letter, were discussed. Larry Callahan pointed out that the non-licensing provision on electronic equipment made prior to 1957 was not yet in effect and the minutes of March 12, should be amended to make this clear. This has been done. Larry will continue to monitor the situation and keep us advised.

The Treasurer's Report was read and adopted.

GOOD & WELFARE: Nothing to report. Guests were introduced.

OLD BUSINESS: Jerry Talbott urged those interested in purchasing club jackets or name badges to sign up now on the want lists which were being circulated.

NEW BUSINESS: Jerry Talbott reviewed advertising that has been done for the upcoming Swap Meet, which will follow the meeting of May 14. A supply of flyers was distributed for members to post in strategic locations.

Jerry Talbott called for discussion and suggestions on compiling a pricing guide on old radios which would establish fair selling prices as well as provide a basis for insurance purposes. Errick Jones offered to start work on this project.

The Power Supply suggested serving hot dogs and chili at the Swap Meet, which was agreeable with all members present.

Jerry Talbott was winner of the Ladies Choice Award for his display of radios in the D-E-F letter category.

There will be no Show 'N Tell for May because of the Swap Meet.

The meeting adjourned at 11:10 A.M.

Hugh Ranken,  
Secretary

---

## Grid Leak



In last months CALL LETTER I asked for input from the members regarding what you'd like to see in YOUR official publication.

I'm happy to say that some of you have contacted me and have provided constructive comment about the CALL LETTER and what should be in it.

The most popular idea involved having more technical data included. I was pleased when not only did members suggest this, but they suggested what to include (your editor is not a technician, not even close!).

The following two pages are reproductions of charts donated by Bob Campbell which display some of the lesser known facts about "plug-in" balasts. I hope these are items which can be of use.

Next month look for a chart which explains the combinations of honeycomb coils used in receiving various frequencies.

# NUMBERING CODES FOR RESISTOR & BALLAST TUBES

FOR AC-DC RECEIVERS USING 0.3 AMP. SERIES CONNECTED HEATERS

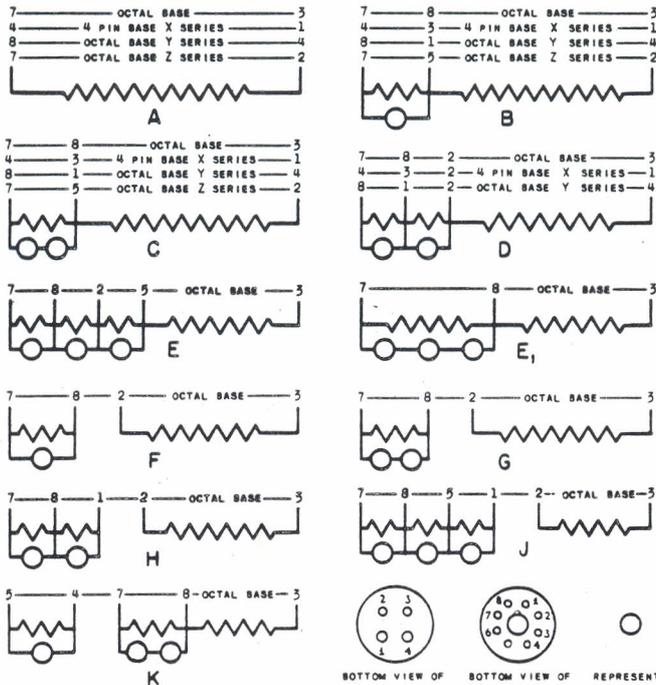
THERE ARE TWO NUMBERING CODES NOW IN USE FOR BALLAST AND RESISTOR TUBES. BOTH CODES USE PARTS OF THE TYPE DESIGNATION TO INDICATE THE VARIOUS DIVISIONS OF THE TUBE'S SERVICE. FOR EXAMPLE, TYPE NUMBERS IN THE FIRST SYSTEM (A) MIGHT BE BKX51DJ OR L95B AND, IN THE SECOND SYSTEM (B), MIGHT BE 200R44 OR 200R. THESE LETTER AND NUMBER COMBINATIONS ARE EXPLAINED BY THE FOLLOWING EXAMPLES.

## SYSTEM A

**BKY49CJG**

- THE LETTER G, IF PRESENT, INDICATES THAT THE TUBE HAS A GLASS BULB AND OCTAL BASE.
- THE LETTER J, IF PRESENT, INDICATES THAT A JUMPER IS LOCATED BETWEEN PINS 3 AND 4.
- LETTERS A TO K HERE INDICATE THE INTERNAL CIRCUIT CONNECTIONS. (SEE ADJACENT FIGURES.)
- THIS NUMBER GIVES THE VOLTAGE DROP WITH 0.3 AMPERE. (SEE NOTE 4.)
- THE LETTERS X, Y, OR Z, IF PRESENT, INDICATE THE STYLE OF BASE AND THE PIN CONNECTIONS. (SEE NOTE 3.)
- THE LETTERS K, L, OR M INDICATE THE TYPE OF PILOT LAMP THAT MUST BE USED WITH THIS TUBE. (SEE NOTE 2.)
- THE LETTER B, WHEN PRESENT, INDICATES THAT THE PILOT-LAMP SHUNT-RESISTOR IS A BALLAST TYPE. (SEE NOTE 1.)

SYSTEM A (NOTES) CONTINUED BELOW



BOTTOM VIEW OF 4 PIN BASE      BOTTOM VIEW OF OCTAL BASE      REPRESENTS PILOT LAMP

# NUMBERING CODES FOR RESISTOR & BALLAST TUBES

FOR AC-DC RECEIVERS USING 0.3 AMP. SERIES CONNECTED HEATERS

## SYSTEM A (CONTINUED)

### NOTE 1.

"BALLAST" ACTION INDICATES THAT THE PILOT LAMP SHUNT RESISTOR HAS LOW STARTING RESISTANCE WHEN COLD, PROTECTING THE LAMP FILAMENT FROM THE INITIAL CURRENT SURGE, AND HAS MUCH HIGHER RESISTANCE WHEN HOT, APPLYING FULL OPERATING VOLTAGE TO THE LAMP.

### NOTE 2.

TUBE LETTER	LAMP NO.	VOLTS	AMPERES	BEAD COLOR
K	40 AND 47	6.3	0.15	BROWN
L	44 AND 46	6.3	0.25	BLUE
M	50 AND 51	7.5	0.2	WHITE

### NOTE 3.

X DENOTES A 4 PIN BASE AND METAL SHELL. Y OR Z DENOTE OCTAL BASES BUT WITH DIFFERENT PIN CONNECTIONS. (SEE FIGURES A TO K.)

### NOTE 4.

THIS NUMBER INCLUDES THE DROP IN THE SERIES RESISTOR PLUS THE DROP IN THE PILOT LAMP AND ITS SHUNT. THE NUMBER REPRESENTS THE DIFFERENCE BETWEEN THE SUM OF THE HEATER VOLTAGES AND THE LINE VOLTAGE OF 117.5 VOLTS. TUBES ARE MADE WITH THE FOLLOWING NUMBERS: 98, 92, 86, 80, 73, 67, 61, 55, 49, 42, 36, 30, 23, 17, 11. THE NUMBER TO BE USED IS THE ONE CLOSEST TO THE VOLTAGE DIFFERENCE MENTIONED ABOVE.

## SYSTEM B

ALL TUBES UNDER SYSTEM B HAVE GLASS BULBS AND 4 PIN BASES AND THEIR TYPE DESIGNATIONS START WITH A NUMBER.

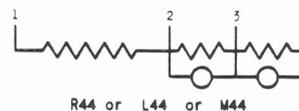
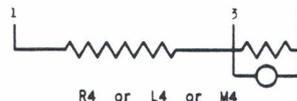
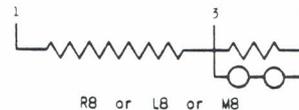
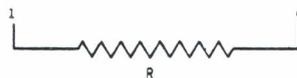
### EXAMPLE

**200R44**

THE NUMBERS 4, 8, OR 44, IN COMBINATION WITH THE PRECEDING LETTER, INDICATE THE INTERNAL TUBE CONNECTIONS. (SEE BELOW.)

THE LETTERS R, L, OR M, WHEN FOLLOWED BY A NUMBER, INDICATE THE TYPE OF PILOT LAMP WHICH MUST BE USED WITH THIS TUBE. SEE NOTE 2, USING THE LETTER R IN PLACE OF K. (THE LETTER R, ALONE, INDICATES ONLY A FORM OF INTERNAL TUBE CONNECTION WITHOUT PILOT LAMP.)

THIS NUMBER INDICATES THE EQUIVALENT RESISTANCE IN OHMS AT 0.3 AMPERE.  $200 \times 0.3 = 60$  VOLTS DROP.



**BALLAST TUBE NUMBERING CODES**

b

THE NORTHWEST VINTAGE RADIO SOCIETY,  
IT'S MEMBERS AND FRIENDS WISH TO  
EXTEND THEIR MOST SINCERE CONDOLENCES  
TO DOROTHY JAMES UPON THE DEATH OF  
HER SISTER, VERA WALTMAN, ON APRIL  
FIFTEENTH, NINETEEN EIGHTY-THREE.

---

## **Auction Activity**

On July 9th, 1983, directly following the July meeting, will be the third Northwest Vintage Radio Society Auction. Any and all items that are brought to the Buena Vista Clubhouse will be put on the block. A confidential minimum bid may be placed upon an item by giving it to the registering auctioneer or with President Jerry Talbott before the meeting. The seller is obliged to contribute 10% of the price raised from his/her items to the society's treasury to cover expenses.

**"LISTEN KID, ALL VIDEO STORES ARE NOT ALIKE"**

# **VIDEO GOLD**

**MOVIES, MACHINES and THOUSANDS OF MEMORIES**

**The Store  
of  
"Show Business Collectibles"**

**Video Movies • Video Equipment  
Radio Shows • Soundtrack Albums  
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Frames and Lighting  
Vintage Games and Toys  
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**OPEN 11-7**

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**8665 CANYON ROAD**

**292-5506**



# Putting on The Dog

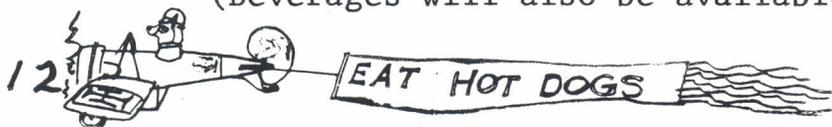
THAT'S RIGHT ! The Power Supply will be putting on the dog for the upcoming swap meet. But this isn't what you think. These are not just ordinary dogs- These are very very special dogs, and like everything else at the swap meet, these dogs are priced right !

(But what's it all mean, Uncle Harry?)

The Power supply will be selling hot dogs, and chilli dogs to the buyers and sellers at the Spring swap meet.

It is rumored that a hot dog which is smothered in **Tender Loving Care** will cost about 80¢, and a chillidog only slightly more ! Proceeds will go to the NVRS Christmas Party fund.

(Beverages will also be available.)



# Olé! by T.J.

Your ed. had some other irons in the fire this month, so I couldn't beat the bushes to find what you members came up with, however some of the faithful did send me some stuff.

- Doug Warren: Zenith console, Model # 980 ; RCA experimental Model 7M, Good ; Crosley Model # 4C1 ; Crosley Model #77 ; Silvertone Model # 6491, in table, Doug says prior owner "antiqued" over mahogany finish ! A nice stripping job coming up ! Who invented that antique "Gunk" anyway !
- Jim Mason : Celluloid cased Motorola ; Atwater Kent Model #32 W/tubes , Very Good Cond. ; Western Electric model # 7A amplifier W/ 3 216D bulbs (nice) ; Philco Drum Spkr. ; Trimm headphones; All-Wave Line filter ; Superior tube tester ; Pilot 5-tube FM tuner.
- Jerry Talbott: 1932 Philco Model # 54 ; 1939 Admiral model # 361-5Q ; 1949 Admiral 7in. TV ; Two-tube (hearing aid type) Private Ear mini set that looks like a Walkie-Talkie set.
- Bob Teague: Philco model # 90 (cathedral ; Majestic Tombstone ( no model supplied) ; Stewart-Warner tin-box model #900 WO/ spkr. ; Atwater Kent model 32 battery set WO/ proper tubes.
- Tom James : A chassis of undetermined make for "parts" which netted three 24 type tubes and thirteen assorted screws, 1 good wooden knob, and some new cuss words !

That's all folks

# Swap Shop

## Seattle Want Ads

Loop antenna for Radiola 24 portable  
Circuit information for Bretting 9  
(communications receiver)

Jim Barrows, Bothel Washington 337-4880

Grunow Model 801 w/ 8A Chassis

Darrell Forsberg, Seattle, Washington 363-0754

Audio Driver Transformer for Philco 90  
(as seen in Rider's 2-22 transf.#27 p 122)

Kenedy & Philco Cathedrals

Zenith Black Dial radios

Lee Williams, Bothell, Washington 481-9415

Cabinet for small Crosley Tridyne

Any information on updating Hammerlund  
HQ120X

John Keene, Bellingham, WA 734-2888

One Loctal Tube ( for Philco) (?)

Bruce Gibb, Seattle, Washington 522-2727

YOUR EDITOR GOT VERY LITTLE FROM OUR MEMBERS  
FOR THE SWAP SHOP- EVERYONE MUST BE SAVING  
FOR THE SWAP MEET ! I'LL LOOK FORWARD TO MORE  
NEXT MONTH.

Your Editor will be going to Tacoma/  
Seattle area for the weekend of May 14

if you've made a deal I'll haul it for ya.

*Dick*

### MEMBERSHIP BENEFITS

A monthly copy of the NVRS  
CALL LETTER mailed 1st class.

Monthly meetings to exchange  
information and advice.

A spring and a fall swap meet.

Free "Unclassified Ads" in the  
CALL LETTER (unlimited).

A minimum of three (3) society  
auctions each year (buy/sell).

Membership roster and phone list.

& Monthly competition of radios  
displayed in "class".

ANNUAL DUES \$12.50

(Associate memberships available  
to persons outside the Portland  
metropolitan commuting area. )

### MEMBERSHIP APPLICATION

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

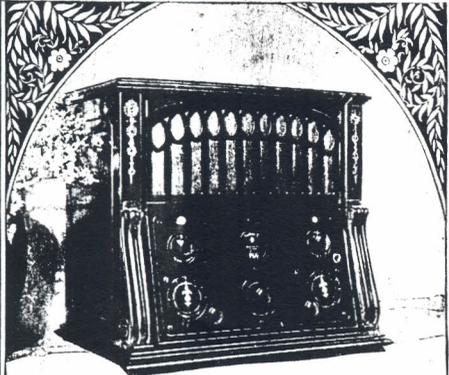
ZIP \_\_\_\_\_

Telephone # (     ) \_\_\_\_\_

Make Checks Payable to  
NORTHWEST VINTAGE RADIO SOCIETY

Mail to:  
NORTHWEST VINTAGE RADIO SOCIETY  
Post Office Box 02379  
Portland, Oregon 97202

# RADIOLA X



**RADIOLA X**  
 —the famous Regenoflex circuit, in a rich mahogany cabinet, with a built-in loudspeaker, and space for the batteries. With four Radiotrons WD-11. Complete except batteries and antenna . . . . . \$245

**THE** "distance fan" is now a listener! The thrill of radio is no longer in getting fifty stations in a night, for radio has conquered distance, and turns now to music.

Music from far stations—music from near stations—*clear and true!* No longer will horn sounds, noises, thinned and flattened tones pass for music because they come from far away. In the Radiola X, each thread of sound reaches your room as it was played or sung. Speech is clear, voices are *real*.

The engineers have kept pace with the broadcasters—have improved reception to meet an ever-widening world of fun. With the simplicity, the beauty, and the *tone quality* of Radiola X, the home becomes a fascinating corner in a world of new interests and new pleasures.

*"There's a Radiola for every purse"*

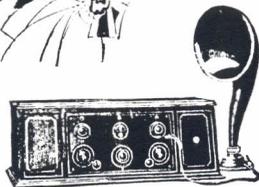
Radio Corporation of America

Sales Offices: Suite No. 351

233 Broadway, New York 10 So. La Salle St., Chicago, Ill.  
 28 Geary St., San Francisco, Cal.

# Radiola

REG. U. S. PAT. OFF.

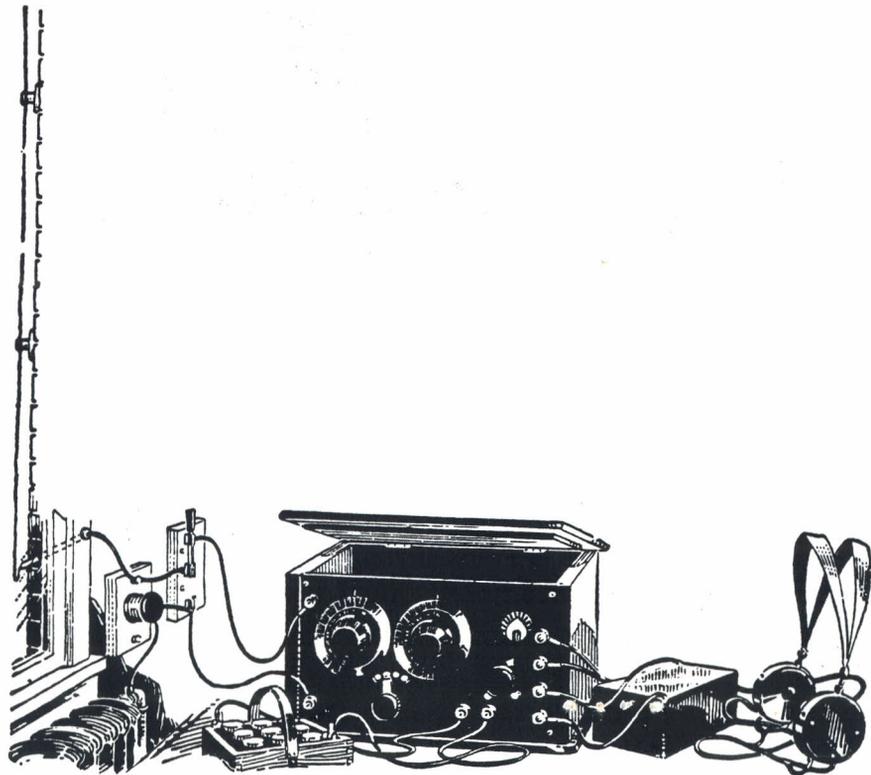


**RADIOLA REGENOFLEX**

—sensitive, clear-toned, non-radiating. With four Radiotrons WD-11 and Radiola Loudspeaker. Space inside for the batteries. Entirely complete except batteries and antenna . . . . . \$191  
 Uses only dry batteries.



*This symbol of quality is your protection*



ALL MISTAKES ARE PLACED IN THIS PUBLICATION WITH A SPECIFIC AND DESIGNED PURPOSE. THE N.V.R.S. CALL LETTER IS PRINTED WITH THE INTENT THAT IT HAS SOMETHING IN IT FOR EVERY READER; AND SINCE SOME PEOPLE SPEND NEARLY ALL OF THEIR TIME LOOKING FOR ERRORS OF OTHERS, THESE MISTAKES ARE INCLUDED AT NO EXTRA COST.

THE EDITOR-