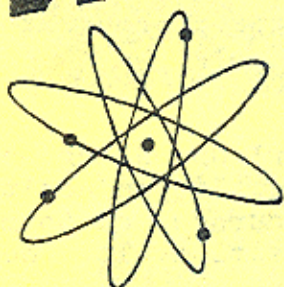


# W4CA LOG



*Amateur Radio News in  
The Roanoke Valley*

W4CA LOG  
P.O. Box 2002  
ROANOKE, VA.



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Volume II Number 4 April, 1969

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Pap's Pertinent Poop

From "The Radio Amateur's Operating Manual" we have taken this month's little goodie. If you don't own one of these little gems, I would like to encourage you to make one of these a part of your operating position. It, the manual, will be a most valuable tool.

"The telegraph call CQ was born on the English telegraph nearly a century ago as a signal meaning "All stations. A notification to all telegraph offices to receive the message." Its meaning was close to the present meaning of QNC and QST. Like many other telegraph terms which originated to the landlines, CQ was brought over into radio and used as a general call to all ships by the Marconi Company. Other companies used KA until the London convention of 1912 which adopted CQ as the International General Call or "Attention" signal. CQ still means, literally, "Attention" but in Amateur Radio its meaning is perhaps more accurately described by Thomas Raddell who compared it to yelling "Hey, Mac!" Down a Drain Pipe." - - Louise Ramsey Moreau, WB6BBO/W3WRE.

Pappy W4ZZV

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Buy - Sell - Trade Department

I quit trying -- Pappy W4ZZV

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Meeting Notice

The regular monthly meeting of the Roanoke Valley Amateur Radio Club at the club house, 110 Union Street, Salem Virginia, on Friday night April 11, and 25th.

The program for these meetings will be the Design and Application of Power Supplies Parts One and Two. These Programs will be given by Sam Kent.

The meetings will begin at 8 pm. Hope to see everyone there.

Van W4BIX

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Message From the Vice Director.

We gather that the majority of the radio amateurs, on various occasions, have been of the opinion that the ARRL is neglectful of their desires and requirements. The ARRL is aware of the many problems in the amateurs' ranks; however, one of the ways to convey your opinions to the League is through your Roanoke Division Director, Vic Clark, W4KFC. He is our elected representative on the ARRL Board and is very dedicated to Amateur Radio. The ARRL Board meets in May, so contact your Director with comments or suggestions.

The ARRL is US -- the Board, the Headquarters Staff and the Membership. League membership benefits you most as you take part in our organization and amateur radio is as strong as we all make it through our participation in objective endeavors. One of the League's principal purposes is to keep amateur radio activities so well conducted that the amateur will continue to justify his existence.

May we solicit your onward support, the maintenance of high standards, a cooperative loyalty to the traditions of amateur radio, so that the institution of amateur radio may continue to operate "in the public interest, convenience and necessity." A special thanks to all the Roanoke Division amateurs for their interest in League affairs, and to those in leadership positions who have done much to make this past year an excellent one for the Roanoke Division. 73

Lacy Phil Wicker, W4ACY

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F.C.C. Items of Interest.

Mr. J.J. Freeman, W4CEM, Engineer in Charge of the F.C.C. office in Norfolk, Virginia, has suggested that Roanoke Division amateurs forward to him clippings of newspaper articles dealing with amateur radio, and in particular those which cover our public service contributions. These should be sent to Mr. Freeman's attention, 405 Federal Building, Norfolk, Virginia 23510.

Among actions recently reported by F.C.C., Washington, D.C. was the revocation of the license of a Roanoke Division amateur for obtaining a novice examination and failing to return it, followed by a failure to respond to official communications requesting information in the matter!

Con't on page three.

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PAGE TWO

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F.C.C. Items of Interest. (Con't. from page Two)

One of the field offices of F.C.C. recently erred in its handling of advanced class tests, issuing licenses to a number of those who had actually failed the examination. One Roanoke Division amateur was informed that he had passed the examination but two months later received word that a mistake had been made. All of those affected by this unfortunate administrative mix-up now have been advised of the situation, we are informed.

From the Roanoke Division ARRL  
Membership Letter.

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QST Interest Survey.

The survey conducted among our Roanoke Division membership during 1968 to establish reader preferences among QST departments (reported in the July, 1968 Membership Letter) revealed a rather startling likeness to the results of a poll conducted by Headquarters about twenty years ago. One exception: Our poll disclosed a significantly higher interest today in membership correspondence.

From the Roanoke Division ARRL  
Membership Letter.

\*\*\*\*\*

100 KC Crystal Calibrator.

Harmonics 100kc apart along the frequency spectrum are generated by this Colpitts (Pierce) crystal oscillator circuit. A minimum of parts allow compact packaging for use as a battery operated portable "secondary standard". Output can be coupled directly to receiver's antenna terminal for optimum signal transfer or radiated via a plug-in antenna.

The figure shows a common-emitter configuration with collector to base feedback. Capacitors C1 and C2 form a voltage divider across the crystal with the connection between the capacitors grounded. Sufficient voltage developed across C2 is applied 180° out of phase between base-emitter of the transistor to cause oscillation. Oscillation frequency is determined by the crystal and capacitor combination.

See Figure on page Four.

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# The Widders News



This month's meeting was held as usual at The Club House in Salem, March 15. There were 13 members present. Our President Hilda Ferrell presiding.

**OLD BUSINESS** - We had our dinner on Sunday, March 30th at The Club House, I hear there was some good food served and all had a nice time.

**NEW BUSINESS** - Due to the fact that half of the "Widders" will be gone the Friday that we have our usual meeting, we will hold the meeting instead on Friday, April 25th.

**NEWS** - At the last meeting our hostesses Eva Wagner and Hilda Ritter came up with some real goodies, and we also played some Bingo for prizes. Bette Chilman tried hard to keep the prize she started out with, but someone was always trading for it, well guess who ended up with it? Me. I didn't know what it was but the way she was fighting for it, I figured she knew something we didn't. Well it turned out to be some Stationery, June Wood said that was something she should have won! We all certainly did enjoy ourselves.

**BRIEFS** - Happy Anniversary to Jim and Nancy Davis - Hope they have many more.

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Eva still is not smoking!

Eunice Evans has lost 10 pounds, seems like staying home a while has agreed with her.

Eva Wagner's grandson, Michael is going to the hospital Monday, April 7, hope he gets along fine, he lives in Virginia Beach and Eva and Hilda are going down to spend the week while he is in the hosp. I hear one of our members has been horseracing, seems she wins some money and then she puts it all up again, and loses, well that's the way it goes.

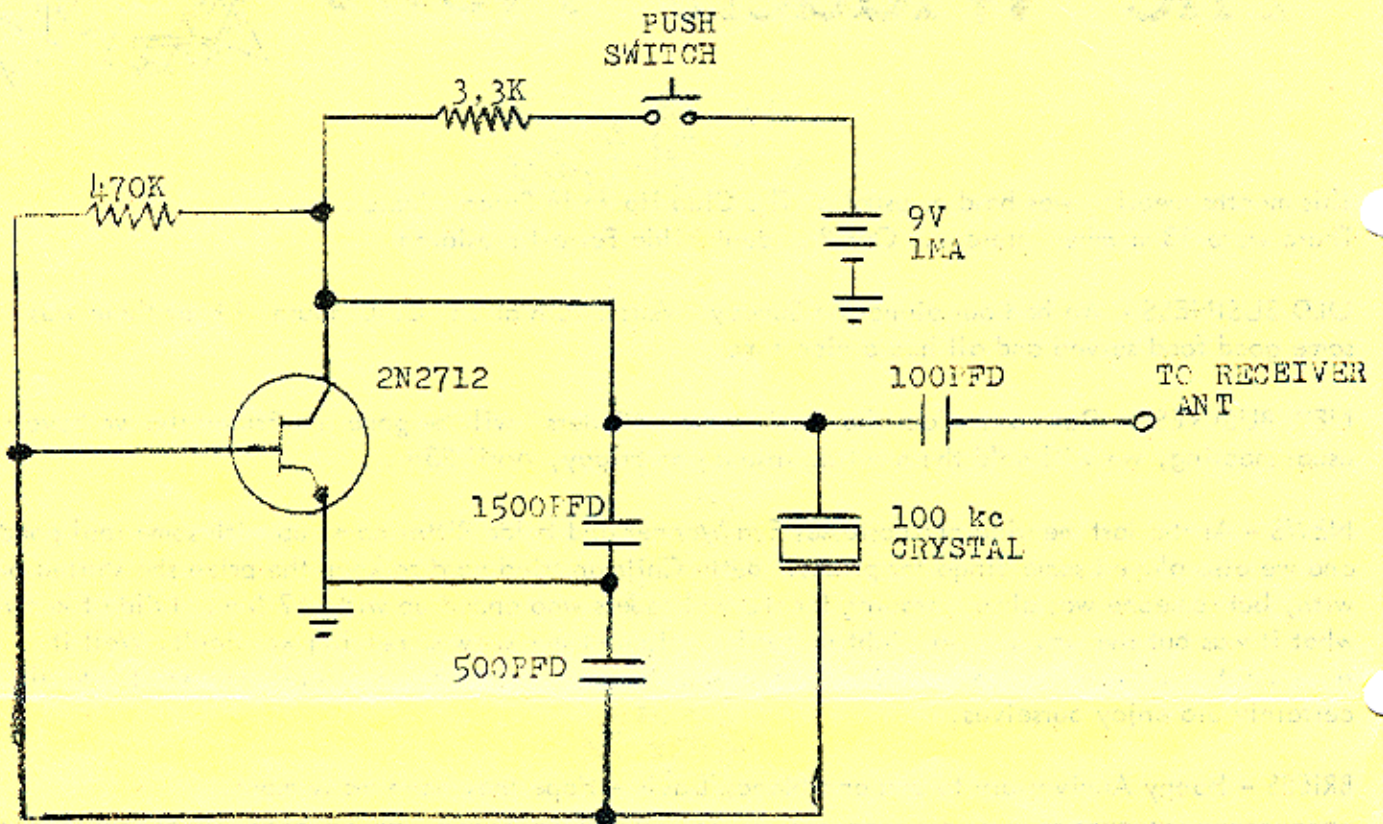
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Well girls hope you had a happy Easter and the Bunny was good to you.

See you all at our next meeting - Remember it will be April 25th at the Club House.  
Our Hostess will be Bette Chilman and Sally Bobbitt.

See a  
See you at the meeting  
Your Roving Reporter  
Nancy Davis

\*\*\*\*\*  
CIRCUIT FOR 100KC CALIBRATOR, \*\*\*\*\*



CRYSTAL: JAMES KNIGHT CO NO. H-93.

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