

Collector & Emitter

A CORA Publication

August 1995

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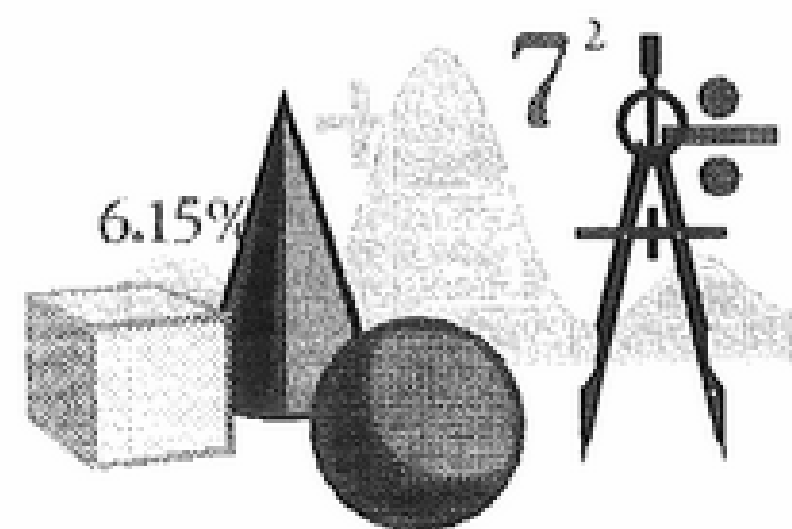
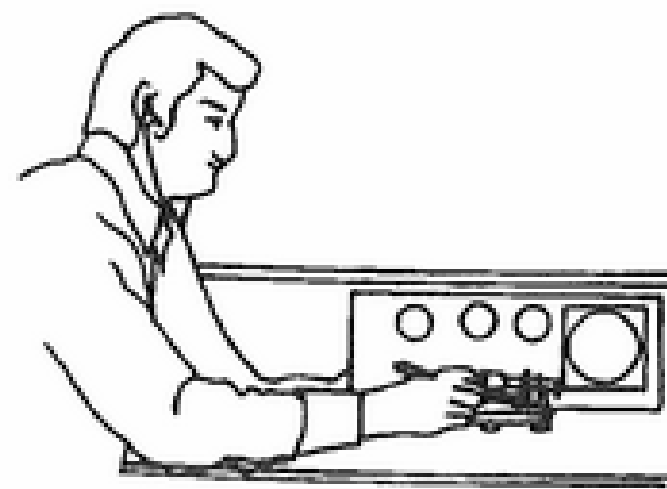
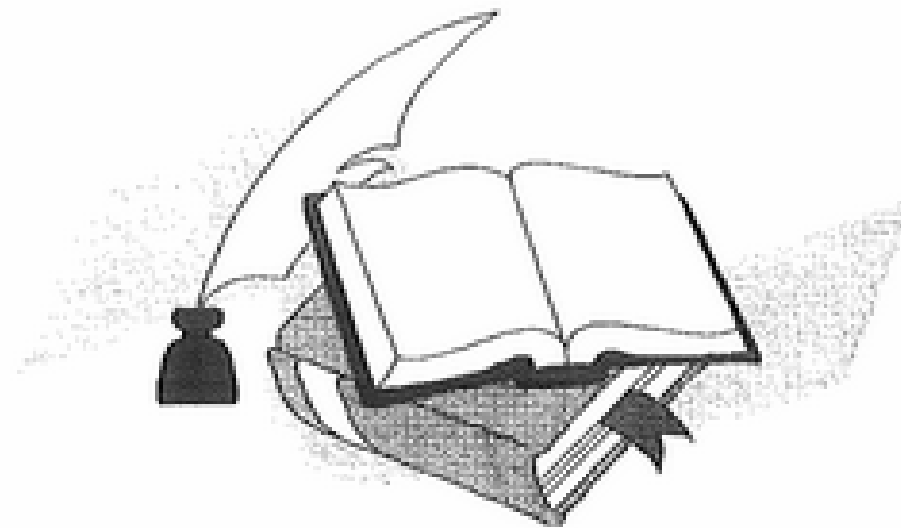
Postmaster See Page 2
For Postal Information

Second Class Mail

Ham Holiday 1995

C&E Article Goes Worldwide

**Wheatstraw ARC
Happy 35th Birthday**



**W9CSX SK
Inventor Of Magnetic Tape**

Ham Classes Starting

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Chuck Wilhite, K5NK****V President: Jerry Sproul, KJ5KP****Secretary: John Brassfield, N5SAM****Treasurer: Perry Jenkins, KB5TOT**

Dear Subscriber:

PLEASE help us keep your information up to date. What time, where, when, who are your officers, editors, and their phone numbers. Check your entry, it can be changed. If there appears to be a mistake, check with your club officials. We can't do a thing about it if you don't. Below is a sample label:

2	95/12	2
DOE, JOHN E.	KA5ABC	
1234 SW 56th STREET		
RADIOVILLE, OK	74321	

The "2" means Vhf Club, "95/12" means the year/month C&E subscription expires. The "2" is for postal zones.

Dear Secretary / Treasurer:

When you want a change of any sort to your membership, you must completely fill out a subscription slip. Watch for the date you received their funds and the date the subscription expires. Have your slips, or list of deletions submitted by the Deadline of each month. If there is anything about C&E subscriptions you need to know, please contact us.

August 1995**VOL. 21, No 08, Issue 246****Collector and Emitter
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1. Aeronautical Center ARC Meets: 1930L, 1st Thursday, FAA, S. MacArthur, OKC Pres: Dick Russell, KJ5VV 733-2141 Sec/Tr: Brad Nelson, KJ0W 793-9470 VP: Chuck Bryant, KB5ZVZ 737-0423 Editor:	11. Edmond Amateur Radio Society Meets: Odd Months, 1400L, 3rd Sunday, Edmond EOC, Even Months, Dinner, 3rd Friday Pres: John Thomason, WB5SYT 340-1798 VP: Richard Winnard, KJ5QU 840-4237 Sec: Ken Stepp, N5DBM 341-7651 Treas: Sue Snyder, N5VWI 341-8753 Editor: Richard Winnard, KJ5QU 840-4237
2. Oklahoma Central VHF ARC Meets: 1100, 3d Saturday, Ashley's Country Kitchen 1-40 & SE 15th St, Del City Pres: Jackolyn Olsen, KA5ENU VP: Ken Eason, KF5JS Sec: Joe Buswell, K5JB 732-0676 Treas: Ellard Foster, W5KE 789-6702 Editor: Joe Buswell, K5JB 732-0676	14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres: John Medley, N5WVU VP: Kenneth Monahan, KB5SOM Sec: Dennis Painton, WK5V 764-3599 Treas: Nadine Painton, N5FMH 764-3599 Editor: Kenneth Monahan, KB5SOM
3. Mid-Oklahoma Repeater, Inc. Meets: 1900L, 1st Tuesday, Favorite's Cafe, 36th and S. Western, OKC Pres: Scott Walsh, N5NYS 787-3804 VP: Rick Masters, N5WNR Sec: Jim Buswell, N5BEQ Treas: Robert Moose, N5QKI Editor: Dean Ward, N0PAD 681-4606	15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres: Dick, N5XRD 360-7015 VP: Mike Winkel, N5SOF 366-8639 Sec: Keith Miller, KB5FCI 329-2213 Treas: Bill Baker, N5UMH
4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg N.W. 50th and Penn, OKC (Back Door) Pres: Brad Nelson, KJ0W 793-9470 VP: Mike Fields, KB5WIC 720-9123 Sec: Perry Jenkins, KB5TOT 354-5075 Treas: Cheryl Brassfield, KB5WQR 685-8070	<p style="text-align: center;">Support Ham Radio</p> <p style="text-align: center;">Do You Know of A Club That Does Not Belong to CORA? Let's Make CORA Grow!!!!</p>
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres: Leo Peil, WZ5H 886-2998 VP: Jimmie E. Payne, N5VDY 233-4215 Sec/Tr: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg N.W. 50th and Penn, OKC (BackDoor) Pres: Chuck Wilhite, K5NK 721-4926 VP: Jerry Sproul, KJ5KP 354-2061 Sec: John Brassfield, N5SAM 685-8070 Treas: Perry Jenkins, KB5TOT 354-5075 Editor: Harold Miller, KB1ZQ 672-7735

CONTENTS**On the Cover:**

Central Oklahoma Radio Amateurs, Inc.	3
C&E Article Goes Worldwide.....	4
In The Spotlight - OCAPA.....	5
Announcements.....	5
Chit Chat.....	6
Ham Holiday 1995.....	6
You Know It's A Bad Day When... ..	7
Planned Launch Of JAS-2.....	7
CQ Introduces Online Ordering.....	7
VHF Club Minutes and News.....	8
South Canadian Amateur Radio Society.....	9
Mid Oklahoma Repeater, Inc.	10
Oklahoma City Autopatch Assn.	11
Wheatstraw Minutes and News	12
Edmond Amateur Radio Society.....	14
A. R. R. L. Bulletins.....	15
FM Signal On RS-10.....	19
Word Search and Cryptoquote.....	20
Amateur Radio Newline.....	21
Look Into Our Past: The Eyeball.....	27

CENTRAL OKLAHOMA RADIO AMATEURS, INC.

Minutes of the July 25, 1995

The meeting was called to order at 7:40 p.m. by Chuck, K5NK.

Six officers were present with four clubs represented with 16 in attendance.

HAM HOLIDAY 95 - The concession is to open around 4 and be staffed by employees of the fairgrounds. The insurance certificate has been given to the fairgrounds building management folks. John, N5SAM is working with Convention Decorators for final dealer layouts. The program list, with corrections, was finalized and Tom, WA9AFM will make copies. Jerry, KJ5KP said 587 preregistrations, 147 flea market tables, and \$180 for scholarship have been received. Don, KI5TP is building a new drum for ticket drawings. A simplex frequency was selected for security and control.

COLLECTOR & EMITTER - Hal, KB1ZQ and Linda, N1LPN announced they had found a printer in the Midwest City area. Del Litho printed the June issue of *C & E* on short notice and is closer to their home. They also fold and staple without extra cost. Hal recommended that Del Litho be the regular printer and was approved by the group.

Hal also announced that SCARS will be featured in the September *C & E*.

Meeting adjourned around 8:45 p.m.

John Brassfield N5SAM
CORA Secretary

I _____		Call _____
NAME		
Address _____		Apt _____
City _____	State _____	Zip _____
Telephone _____		Do hereby transmit my dues of _____
\$ _____	X _____	Total Paid _____
YEARLY AMOUNT	NUMBER OF YEARS	
In the (Club Name) _____		
Month and Year ending: ____ / ____		Date Paid: ____ / ____
YEAR/MONTH		YEAR/MONTH
<input type="checkbox"/> \$4.80 OF YEARLY AMOUNT IS FOR A SUBSCRIPTION TO CORA'S COLLECTOR AND EMITTER		
<input type="checkbox"/> \$7.00 for Individual Subscription to Collector and Emitter (Funds sent directly to C&E)		
Member's Signature _____		
NEW	RENEW	DROP CHANGE-OLD ZIP/CALL _____

C&E Articles Wanted!

Well, folk's summer is coming to an end and it's time to get back into the swing of things. I have kept the Collector and Emitter going over the summer months and am now asking you the readers to get the pens and paper out and tell us of your summer.

Clubs have had special events and members gone to exotic places but we have been given no news of these happenings. As editor of this newsletter I have taken the heat from folks for this.

I want you, the members of these clubs, to ask them why there were no stories. Aeronautical did a special event at Aerospace America this year. I guess they can operate radios, but not log because I did not get an article. Whom did they talk to? Themselves!!

Others went overseas or way up north I still haven't heard from them, and I asked for a story, but still don't have it. Or I ask for club news; we don't do anything is the answer I get. Well, why have a club if you don't do anything?

Get off your duffs! Help keep this newsletter going. It is your newsletter don't sit there and be a rock. Let people know what you are doing. Be proud of your accomplishments. I am not a great writer, but look at a few moments in time got me from the ARRL. Who knows maybe someone out there is a hidden Shakespeare or more.

I thought Hams liked to talk, just put it on paper!

The Editor

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C&E Article Goes Worldwide

On April 19, 1995 the horror of terrorism hit the city and state of Oklahoma. Amateur radio operators from around the state came to assist in the recovery efforts. Being a ham and the editor of the Collector and Emitter the newsletter of the Central Oklahoma Radio Amateurs, Inc. I grabbed what equipment I could and headed for the Bomb site.

During the course of my day there at the Murrah Building I was able to traverse the entire downtown area. The following day while at work I sat down at my laptop computer and proceeded to put my thoughts and impressions into words.

I had my wife, Linda read my copy and she edited it. I then ran it in the C&E. Several members of CORA read the article and told me to send it to the ARRL. So I ran a new set of copy off the computer and sent a copy of the actual newsletter to the ARRL.

Several weeks went by when Linda called me at work and was quite excited, Rick Palm, K1CE had called from the ARRL and was wanting to run my story in the Public Service column of QST. He wanted permission to edit it to fit in his column. Well I said of course.

Over the course of the next couple of weeks we received several more calls and requests to put the article in to other ARRL publications. Then finally a letter came, with a draft copy of the QST article ready for print, requesting me to release my rights to the article to QST. (QST being a copyrighted magazine) I said no problem.

In the August issue was the article in an edited form, the editors at QST did a great job, only cutting the fat and leaving my personal opinions out.

Then the first of July I received a Certificate of Authorship, signed by Mark Wilson, AA2Z Editor of QST. I was surprised by the certificate and am actually proud to have taken our simple newsletter to national and worldwide glory if only for a little while.

Well folks I don't claim to be a great writer, but if you don't take the time to try you will never know what may come of it. I didn't know if any of the CORA clubs were going to describe the effects or not and so did my best.

Harold C. Miller, KB1ZQ
Editor Collector and Emitter



**the official journal of the American Radio Relay League, Inc.
hereby awards**

Harold Miller, KB1ZQ

this author's certificate for the article entitled

Public Service: Terrorist Bombing Calls ARES to Duty

published in the August 1995 issue.



Mark Wilson AA2Z
Editor

In The SPOTLIGHT

This month we will spotlight the Oklahoma City Autopatch Association (OCAPA). Next month we spotlight SCARS.



OCAPA stands for Oklahoma City Autopatch Association, it was organized back in 1971. The purpose of OCAPA is to promote interest in the fields of communication, electronics in Amateur Radio service. OCAPA maintains three repeaters on two amateur bands. The repeaters are located on the Channel 9 TV tower. Our Frequencies are 146.22/82 MHz, 147.81/21 MHz, and 444.03 MHz.

We currently have a total of 247 amateur members at this time. Our dues are \$25.00 per year. Club meetings are 7:30 p.m. on the third Tuesday of each month and are held at the Salvation Army Headquarters Building at 5101 N. Pennsylvania Avenue in Oklahoma City, OK. We welcome anyone to join our club or to visit us at our meetings.

Coming Events of OCAPA
Mark your calendar and be there!

Monthly meetings - Third Tuesday of each month.
We sponsor a monthly drawing to raise money for the Leonard Hanstein Scholarship given away at Ham Holiday.

February - Annual weather spotting training with Gary England. Gary provides video of various types of storms from the terrible twisters films. You can count on this being a packed room with amateurs, civil defense, fire, police and others.

April - Hamnic a yearly family picnic with fellowship, fun, games, fishing, cook-out, and hams making radio contacts.

June - Field Day always the last weekend in June. Held at K5JL's ranch near Piedmont.

July - 4th of July Program, assisting with Ham Holiday the last weekend of July.

September - Elections of OCAPA officers third Tuesday of September

December - Christmas Party, Club provides the meats. Try out your new recipes on us, bring a couple of food dishes. There is fellowship, Christmas stories, prizes, and White elephant gifts. (Please only members and families for this meeting)

OCAPA Currently sponsors a Saturday morning swap net on the 146.22/82 repeater. Once a month they assist the Salvation Army with the Salvation Army net and communications drill at the local HQ. When bad weather approaches we bring up the severe weather net in support of Channel 9 on the 146.22/82 repeater.

This year our repeater 146.22/82 was appointed by the FCC for the disaster relief in the OKC bombing. Where all amateurs from all clubs came together as one, with endless hours for volunteering of their time.

Get in Touch and Stay in Touch with Amateur Radio.

-----ANNOUNCEMENTS-----

VE exams on 3rd Monday of each month sponsored by C.O.R.A. 1800 @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City.

VE exams on 3rd Saturday of each month are held at 0900 in Math Science building at Rose State College in Midwest City.

VE exams on 1st Sunday of each month sponsored by M.O.R.I. 1400 @ radio station KOMA, 820 SW 4th Street, Moore, OK

VE exams on 4th Tuesday of each month are held at 1800 in the Shawnee Public Library, 101 N. Philadelphia.

VE exams on 2nd Saturday of each month sponsored by SCARS are held at 1000 at Red Cross in Norman.

VE exams on 4th Saturday of each month are held times are 1830 for code and 1900 for theory, at the Wilson Center in Altus, OK.

Hams on the Southeast side of Oklahoma City meet at various locations for lunch on Tuesdays from 11:00 - 12:00 a.m., to find out where they meet listen to 146.22/82.

Hams from all over Oklahoma City meet at various locations for lunch on Thursdays at 11:00 a.m., to find the lunch location of the day listen to 146.22/82.

Hams from around the central Oklahoma area meet Fridays at 7:00 for supper, coffee, friendship and overall story telling at the Skyline Restaurant on 15th and Eastern in Oklahoma City.

MORI sponsors a transmitter hunt each week, alternating between north and south Oklahoma City at 7:00 p.m.. The hunt frequency is 147.470MHz. Check on the 146.07/67 machine for the hunt announcement.

Next Oklahoma Night Owl Net get together will be Saturday, 9 September @ 6:00 p.m. at the Denny's on the NE corner of I-240 & Penn Ave. Hope To See all You Night Owls There!

EARS will sponsor Amateur radio Classes starting September 10th, 2:00 p.m. at St. John, the Baptist Catholic Church. Call Frank - 341-1124 or Club Station - 359-4386(Leave Message)

CHIT-CHAT

I have gone on vacation and will be back next month. I decided to spend some time with Mike before he returns to school and to sew myself some new clothes. I have lost 100 pounds as of today and my clothes are becoming baggy as well as a little thread bare.

Speaking of vacations, we recently spent two beautiful weeks in the state of Maine. Blueberries grow wild in wooded areas and are free for the picking. I thought I would share with you an easy recipe using blueberries this month. It is low in fat as written but can be modified to fit your personal tastes.

BLUEBERRY BREAD

2/3 C. SUGAR
1 1/2 FLOUR
1 EGG
1/2 tsp. SALT
1/2 C. MILK
2 tsp. BAKING POWDER
2 Tbs. MELTED BUTTER
1 C. RIPE BLUEBERRIES
1 tsp. Vanilla(optional)

Preheat oven to 350 degrees. Cream sugar and egg in a large mixing bowl. Add milk and butter, stir until well blended. Slowly stir in the dry ingredients to the creamed mixture. Mix well. Fold in blueberries trying not to mash them as you do so. Turn mixture into a large loaf pan that has been greased and floured(I use PAM or BAKERS SECRET) Bake for 50 minutes or until done.

OPTIONAL: Sugar can be sprinkled on top of loaf when done.

This bread freezes well. You can use egg subs., skim milk and reduced fat margarine if you are counting cal. and fat grams. Sugar can be reduced to 1/2 a cup as well.

Until next month, smile! Be kind to others and enjoy life.

Linda, NILPN

HAM HOLIDAY 1995

Many of you attended the drawing for Prizes that was held at 5:00 p.m. at the closing of HH 95. Chuck and the officers of CORA made the announcement that this was our LAST HAM HOLIDAY unless they receive help for next year's HH!?! This statement is no joke nor is it an empty threat. They have stated that the handful of people who for years have worked to put the show together are ready to pass on the job. There has been no one stepping forward and the end result will be NO MORE HAM HOLIDAYS!

This was my first year working with HH and yes, at times, it was a madhouse around my home. We took over the responsibility of contacting the NEW DEALERS and their registrations for HH. Along with others, we attended hamfests across the state promoting HH.

We also found ourselves putting together a flier to mail out to promote HH. We ran across a few problems with that project. We asked certain individuals to write up what they wanted printed in the fliers and got zero in return. After begging and still no response, I wrote the flier articles and Hal edited them to fit. I took them the printer, picked them up, made arrangements with Skyline to allow us to fold and staple them for mailing. 7,500 fliers took 2 nights and many God sent angels helped to complete the task..

We still had the C&E to put together and mail on time each month. In May, our printer closed shop giving us less than a two week notice. Jim Kelly, and Pro Print, Inc. came to our rescue.

We had our books reviewed along with CORA's Articles of Incorporation, Constitution and the books of CORA. Perry worked hand and hand with the accountants, all for the purpose to receive postal approval for a third class Non-Profit Organization Mailing Permit. After two months of work, we received our postal permit. We did this to save CORA money on future mailings for HH.

Three weeks before HH, Hal, myself, Mike and the dog all loaded into the van and headed for home. By home, I mean Hal's parents home in Maine. Our phone was ringing almost none stop all concerning HH or C&E business. We finally finished our tasks for HH and the C&E was printed and in the mail. We had the chance to get away for two weeks and decided to go. In Maine, we took evening walks along the bay and walks in the woods at camp. It was a very special time for us.

Last minute headaches were waiting for us when we returned. I soon discovered that not all who give their word, honor their promises. Promises were made earlier in the year without letting anyone know they would not be kept became our major concern. There were individuals in charge of certain committees that were asked if they needed help, if everything was falling into place and we were assured it was. We found out too late that we had trusted the wrong persons. Out of the many broken promises, only two called and explained why they had to break it. Our Face Painter had to leave town due to a family matter and our Clown had just started work at a new job and had to work the days of HH. They had been brought on board at the last minute as non-tech programs. Both would like to work at HH next year and I would love to have them.

And that brings me to the heart of the matter concerning HH. We need persons willing to keep their word and actually follow through with helping us. Empty Promises is what will kill HH for next year. Those that have been doing this for more years than they care to count, are suffering from BURN-OUT! The dream is to have a rotation of helpers that will prevent future Burn-outs..

Committee Chairmen (or women) can be so for two years. First year they are trained by the out going chairman and the second year they know how to do the job. Third year someone within the committee takes charge with the advice of the out going chairman. This type of rotation is used by many other clubs that host Hamfests. A few use a 5 year rotation but

I honestly do not think We could get individuals or clubs to agree to a 5 year commitment. For this to work we will need team work, the question is do we have it in OKC?

I know better than most how thankless a non-paying job can be and what it is like to have someone dogging your heels trying to trip you at every turn. I know the feelings of frustration and not understanding why your best is just not good enough anymore. I also know the deep heartfelt pain of having to walk away from something you love, because of Burn-out. Burn-out is the term used when you stop caring, you feel numb, and basically stop functioning at the job before you. All desire to make things work is gone and it no longer matters to you one way or another if the job is completed! I am not facing Burn-out but many of those that have worked behind the HH planning are.

The free ride is over and it's time for you to step in. IF NO ONE STEPS IN...WE JUST HAD OUR LAST HAM HOLIDAY. NEXT YEAR WHEN PEOPLE ASK WHY WE NO LONGER HAVE HH, PLEASE BE SURE TO TAKE PART OF THE BLAME! MAYBE YOU CAN STEP FORWARD, AND WE

WILL HAVE ONE AFTER ALL! THINK ABOUT IT! TALK TO YOUR CLUB AND ATTEND OUR NEXT CORA MEETING. Something we did do this year is keep detailed records so that next year the job will run smoother than this year.

YOU KNOW IT'S A BAD DAY WHEN.....

...you want to put on the clothes you wore to the party and there aren't any.
 ...you turn on the morning news and they are displaying emergency routes out of your city.
 ...your wife runs off with your clone.
 ...the sun comes up in the west.
 ...your boss tells you not to bother to take off your coat.
 ...your alarm goes off, you shower, get dressed, go to work and discover no one is there. It's Saturday!
 ...you are at the check out counter with a basket full of food and discover you forgot your check book

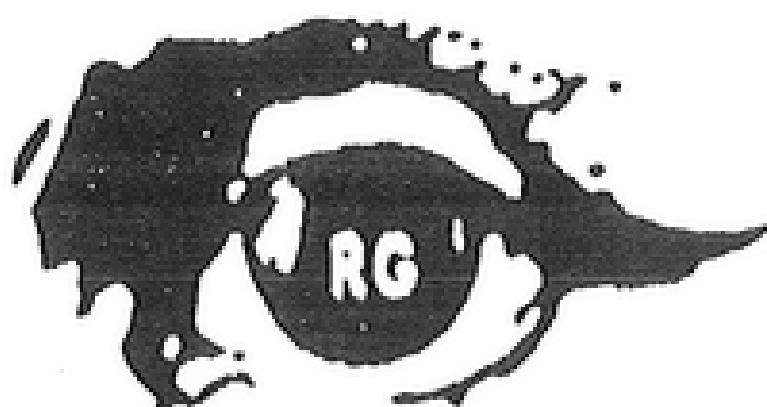
PLANNED LAUNCH OF JAS-2

Kazu Sakamoto, JJIWTK has announced that there will be a new Fuji class OSCAR to be launched early next year. The

planned launch date has been tentatively set for Feb '96 and will have the same frequencies as FO-20 currently uses. However, there will be a 9600 baud capability FSK uplink available on 145.870 MHz but it will not use the current PACSAT protocol that is currently used on AO-16 and the UoSats. The BBS will work just like it currently does on Fuji Oscar 20.

CQ INTRODUCES ONLINE ORDERING

CQ Communications has announced the introduction of online ordering for its magazines, books, videos and other products. The online ordering system is available to anyone with access to Internet e-mail, and is designed to combine added convenience with a high level of security. Accessible 24 hours a day, users of the online system place their orders via e-mail directly to CQ headquarters in New York. There, staff members receive and process them. CQ says that the system's security lies in the sign-up process. sign-up applications may be requested via e-mail only.



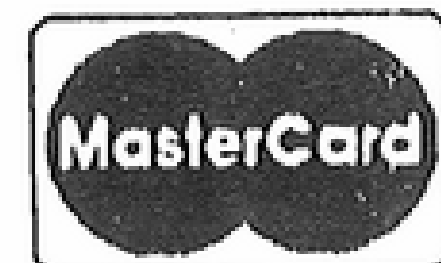
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VHF Club

NEWS

W5LOW

Elmer Goekler Memorial
Station

Minutes of July Meeting

Meeting was called to order by Vice President Ken, KF5JS, at 12:04 p.m. with 11 members and guests present. Minutes of previous meeting were adopted by motion. There was no Treasurer's report.

Fred, W5NL, handed out copies of club rosters. Ken, KF5JS, and Fred, W5NL, agreed to be a calling committee again next month. This meeting was held in the general seating area at Furrs because there was no meeting room available. As it turned out, Furrs won't be available for meetings at all. Details follow. Meeting adjourned at 12:07 p.m.
Joe, K5JB, Sec'y

New Meeting Place

The Furrs where we had met the last few times has apparently closed, leaving us without a meeting place. Jackolyn, KA5ENU, Fred, W5NL, and others started phoning for opinions and searching for an alternate place. Fred called and told me that a consensus of those polled had been reached and that he had arranged for a meeting place.

Make a note. Next club meeting will be held at Ashley's Country Kitchen, located at I-40 and SE 15th street. Meeting will be August 19, and lunch will start between 11:00 and 11:30 a.m. Fred said that he attends a breakfast meeting there once a month and has been satisfied with the meeting rooms and food.

Fred and Ken will be making phone calls to the members because it is possible that this issue of C&E might not be received in time for all to learn of the arrangements.

Joe, K5JB

Ham Holiday -- Mighty Fun Weekend

Thanks to the workers and organizers who put on CORA Ham Holiday this year. It was a good hamfest, with a good turnout. It was

fun seeing those I don't see very often and get to swap yarns with them.

I had a couple of fun house guests that weekend. Hoss, WA5ZAI, whom a lot of you know, and Keith, WA8ZWJ, who not many of you know, were here for the weekend. Hoss is now living in Valley Mills TX, at his retirement home which he calls, Lazy-K ranch. Keith, who lives near Dayton Ohio, is our host when we go to the Dayton Hamvention. Keith was planning a visit to the Lazy-K ranch and decided to swing through Oklahoma City to visit here and take in the hamfest. Hoss decided to drive up, meet with Keith here and take in the hamfest and then caravan home with Keith on Sunday.

They both arrived Friday. In preparation for the visit I called the regulars who go to Dayton and take advantage of Keith there. We planned dinners on both Friday and Saturday nights and had great times at both. There were sixteen at Friday night's dinner. We were surprised by Dave, K3CRF, who drove down from Omaha to join the party. After dinner we toured the downtown bombing area with Stan, N5JFQ, providing the history from his special position as a police command post supervisor.

Fred, W5NL's sweet lady, Margaret was celebrating her birthday on Saturday so we surprised her with an impromptu birthday party. She seemed to have a good time with that. Tim, WA5LTM, was kind enough to take all our name badges and stick around Ham Holiday for the drawing. This made him a bit late for dinner, but we ate (and drank) slowly so as to not get too far ahead of him. None of us won anything but we appreciated Tim's sacrifice.

I cleaned my library out of my kitchen and threw out about a ton of stuff so we would have a place to chew the fat until the wee hours. The cleanup was certainly due and now maybe I can retain some order in this place for a while. When Keith came in with his video camera I was sorry I hadn't thrown out another ton of stuff from the ham shack. Oh well...

Hoss and Keith are both big time packet

radio BBS operators. It was interesting to listen in to the issues that they face in handling BBS traffic. I provided them with copies of the TCP/IP software to play with sometime when they get bored and have nothing else to do. I compiled one custom JNOS for Hoss while they were watching so they could get an idea how it is done. They have always known that I homebrew all my software so were a little interested in the process. I made a sweep of my Internet mail (using homebrew software, of course) and showed how the hit and run is done in a matter of seconds. (I didn't get around to reading and replying to a couple of dozen messages that accumulated until after they were gone.)

Keith had some trouble with a 40M Hustler resonator on his trip in so he picked up a replacement at Ham Holiday. At some point he noticed and remarked about my MFJ antenna bridge and I thought he was hinting that we use it to tune his new resonator. I waited until Sunday morning to bring up the subject and he hem-hawed a little before pulling his vehicle out in the street away from the trees. We set the thing in less than five minutes with that instrument. He was surprised that it showed an unexpected impedance. It gave me an opportunity to give a short course on transmission line impedance transformers. It also gave me an introduction to the desirability of doing some impedance matching between the transmission line and the antenna on a vehicle, particularly on 40M and 80M. Keith's eyeballs started glazing when I went into conjugate matching theory so I sent him and Hoss on their way.

I started this with the thank you to the Ham Holiday organizers and then left the subject of Ham Holiday pretty quickly. This was not an intentional tact, but the highlight of the weekend was my wonderful company.

Having helped produce Ham Holiday in the past, I well know the details that must be taken care of and the cooperation that is required to pull the thing off. Then, during the event, those volunteers have to continue to work to keep it on track, missing a lot of the fun. I fully appreciate your effort and thank you!
Joe, K5JB



The South Canadian
Amateur Radio Society

South Canadian Amateur Radio Society

JULY MEETING

The July meeting of S.C.A.R.S. started on time, with Dick, N5XRD, wanting all new members to introduce themselves. He then had all of the visitors stand and introduce themselves. We did have some old members show up that had not been there for a while. About 30 members of S.C.A.R.S. showed up for the meeting.

Don, KI5TP, gave the report on CORA and said everything was ready for the 1995 Ham Holiday. More on this event next month.

Field Day Activities

Dick, N5XRD said he tallied up all of the contacts that were made on field day and we did about the same as we have in the past. Dick said he got all of the information ready and mailed it to the ARRL.

Call sign for the club's repeater-

Three members of S.C.A.R.S. have been working on getting a call sign for the club repeater. With the help of Jud, KC5RI, Joe, W5PNO and Jerry, W5MCJ, they got a callsign KC5PDQ. The group asked a silent key's spouse permission to use his call sign for the repeater. Ralph Rae's callsign was W5AA. Dick read a letter from Ralph's spouse and said it was ok with her and that Ralph would be pleased that his call sign would be used again.

Thanks guys for your help in doing all of this work. The necessary papers will be filled out and will be sent to ARRL. Hope someday to hear that call sign on our repeater.

Some more business-

Dick did ask me to design a letter for the club, which I have done and will have several different designs to show him and

Collector and Emitter, August 1995

the club at the next meeting. Also for the record, Dick asked me to mail in the club officers' names to the ARRL.

Drawing and slide show-

At the end of business, the club held a drawing and yours truly won a calculator, well actually 2 calculators. One for the pocket and one for the desk. In previous columns, I told everyone that I was waiting for the big one and I guess this was it since I didn't win the big one at HamHoliday!

Dick, N5XRD, did a slide show after the meeting of some of the club members setting up for field day. It lasted about seven minutes and was very good to see all of the work that went into setting up all of the antennas and radios. Guess next year we all need to take pictures so we won't have to work. Just kidding Dick.

The club adjourned at about 10:05.

Activities Since Club Meeting-

XYLs Give Birthday Party

One of S.C.A.R.S. long time members and probably the oldest was given a surprise birthday party at the Kettle on West Lindsey on Tuesday, Aug. 1 by K5KDR and N5MCN wives. Leland Black, N5MCN turned 85 years of age. About 20 well wishers from of S.C.A.R.S. showed up for some cake and conversation with Leland. Happy Birthday!

S.C.A.R.S. members attend Ham Holiday

I can't speak for the other clubs, but Norman S.C.A.R.S. was well represented at HamHoliday this year in Oklahoma City. Some members went for a hour or two and others went for a day, but a few of us went for the whole nine yards and attended both days and stayed for the drawing. Even if S.C.A.R.S. members didn't fair very well in the drawing, which lasted for more than an hour and half, we still enjoyed the ham fest very much.

Keith Miller, KB5FCI
Member of S.C.A.R.S.



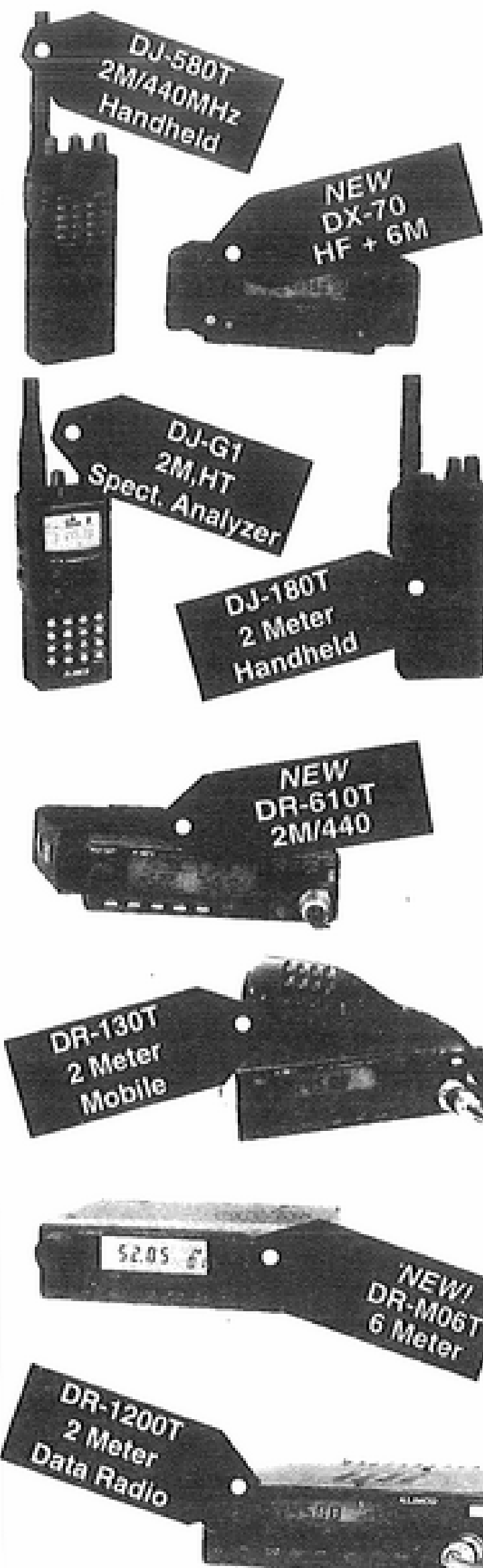
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Mid Oklahoma Repeater, Inc.

Minutes of the 5 July 1995 Meeting:

The meeting was called to order at 7:12 p.m. with President Scott, N5NYS in the chair and 22 members present (representing 8% of the membership); visitors and guests identified were Larry Loeffelholz, N5SOY, Charlie Shelden, KC5NBH, Eileen Mullins KC5MLI, Carlos Lengyel, HK1ERF from Columbia, Betty Gomez HK3JKS and Robert Moorhead, KC5PLG.

The Ham Holiday tee shirt for the "Joe Harding Memorial Scholarship" fund was won by Bill, KC5LCE who gave it to Liz, KC5GLP. There are 13 Old tees (Pre- '94) left: 1990s: 3 small and 10 large; there are 19 '94s: 3 size small adult, 10 medium and 6 large.

The minutes of the June 95 meeting were accepted as distributed.

The treasurers report was NOT accepted for being incomplete.

Mike, KI5DF reported tentative plans for a meeting at and tour of the American Red Cross Chapter building as early as this fall and showed off the "prize" to be drawn later this meeting for the American Red Cross' radio room.

Reports:

VEC - Toy, AB5ET reported 3 examinees from Sunday's session were successful in becoming licensed for the first time, two up graded, three Commercial licensees were tested and the next scheduled session is August 6 at 2:00 p.m. at the KOMA/KRXO Studios in Moore. Further, he offered to assist in acquiring a club callsign if the membership wishes.

Nets - It was announced that the "Foxhunts" are still scheduled as usual.

Technical - It was reported the Davis link seems to be working.

CORA - No report/er(s).

Field Day - It was reported plans went underwater when Lake Arcadia was flooded on Field Day.

Tees - Angela, KD4VWM presented a quote from Sooner Graphics.

Old Business: On Motion from Lee, KA5NJW with second by Bruce, KC5BTV, it was agreed, with one vote against, to stop payments to CORA for the balance of the calendar year if the C&E's are not resumed sent to all members.

New Business: On motion from Liz, KC5GLP with second by Jim, N5BEQ it was agreed without opposition to offer Honorary Memberships to Tim Sartorius and Mark Hill of the American Red Cross.

The recipient of the drawn radio was Ron Phillips, WD5ESE.

The meeting was adjourned at 8:09 p.m.

The next meeting is scheduled for 1 August 95, at the usual time and place.

Jim, N5BEQ
Secretary

The Lunar Loan Program

by Carole Perry WB2MGP

Lucky is the teacher of Amateur Radio in the classroom! There's probably no other curriculum that lends itself to such a myriad of subject areas to pursue. Working with the SAREX (Shuttle Amateur Radio Experiment) program has lead to all kinds of interesting paths to explore with the children. I recently attended a NASA teacher's workshop, and left with a suitcase filled with notes of great ideas for the classroom.

Once you get the kids involved with speaking with astronauts, building projects, watching some of the terrific NASA videos, or listening to shuttle retransmissions, you won't be able to hold back the flood of excitement that the children will get caught up with. Every

term I include a unit on Space Travel and Communications. I'm always pleasantly surprised to see how creatively each group pursues its own interests in this fantastic area of study.

The Lunar Loan Program is a wonderful program for educators that is worth getting involved with. I interviewed Richard Crone from the Educational Programs Office at the Goddard Space Center for details about the program. He stressed that Goddard handles the Lunar Loan program a little bit differently from the other NASA field centers. He suggests that any teacher who does not live in the Northeastern part of the country which is serviced by Goddard should contact their local NASA Teacher Resource Center for applicable information.

Richard explained that each center has a different method of certification. I'll explain how to get certified by the Goddard Space Flight Center for this program. On July 20, 1969 Neil Armstrong became the first of only 12 astronauts to explore the surface of the moon. These space-age pioneers brought back 382 kg of lunar material. Luckily for educators, a small portion of this "extraterrestrial" material is available for classroom use.

In 1985, the Education Office at the Goddard Space Flight Center accepted responsibility for lending samples to educators in Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and the District of Columbia. The lunar sample disc is 15 cm in diameter and consists of 6 samples representative of the moon's geology. Goddard officials recommend that the disc be studied using a binocular microscope. The samples are examples of basalt, breccia, highland soil, anorthosite, mare soil, and orange soil.

The Educational Programs Office has direct responsibility for 19 lunar discs. The discs are mailed to "certified" educators on a first-come, first-served basis. A teacher can become certified by attending a full day program in November at the GSFC. Educators participating in



Oklahoma City Autopatch Association

Minutes of the July 18, 1995 meeting

The meeting was called to order by Brad, KJ0W at 7:35.

In the absence of Perry, KB5TOT, OCAPA Secretary, John, N5SAM was asked to take minutes of the meeting.

The minutes of the June meeting were read by Mike, KB5WIC and approved by the group.

The treasurers report was read by Cheryl, KB5WQR and approved.

Mike, KB5WIC expressed thanks on behalf of the club to Don, KC5BRO and Carol, KC5EXR for the coordination and planning of field day. John, NJ1V announced that we had 1648 qso's as a 2A station with 4628 points.

John, NJ1V and Ruthie, N5RJM announced their moving to Houston in August. John stressed the value of OCAPA in the area and in the ham community.

Technical - Mike, KB5WIC reported the ID chip for the new repeater has been installed and will be on line soon.

Equipment - Brad, KJ0W (also ACARC sec/treas) said the ACARC is replacing a 25G tower section that was bent during the airshow special event station. The club trailer blew a tire on the way home from field day and a propane line blew Sunday morning. Brad recommended some serious maintenance be performed on the trailer. Brad also thanked Frank, N5FM for working with the Salvation Army and getting the Kitchen trailer for OCAPA to use at field day.

CORA - Chuck, K5NK and John, N5SAM announced that 17 dealers were registered and nearly all flea market tables were sold.

Scholarship - Carol, KC5EXR announced that Kara Begley is the recipient of the Hanstein Scholarship. Kara plans to attend OSU and major in business.

Old Business - Kieth, KI5XA discussed the April 19 bombing site certificates. MOTION by Fred, N5NIO to spend \$35 for printing cost and postage. Seconded and approved.

MOTION to reserve 2 tables at ham holiday for club member use. Seconded and approved.

Clarence, W5LDF is making plans for the estate sale of Leonard, W5MEL's equipment and tower.

MOTION by Tom, WA9AFM to request a club call sign with plans to request W5MEL in Leonard's honor.

Chuck, K5NK announced the recommendation of the nominating committee: Jim, N5OHL - Secretary, Tom, WA9AFM - Treasurer, Loyd, AB5I - Vice Pres, and John, N5SAM - President. Elections to be in August.

Meeting adjourned at 8:35

Attendance was 36.

for Perry Jenkins, John Brassfield
N5SAM

Lunar Loan (Con't)

this conference will be briefed about the security requirements for the disc, current NASA educational programs, and Goddard's Teacher Resource Laboratory. In addition to the briefing sessions, each educator will participate in a group tutorial session with a Goddard scientist.

Educators who have been certified to borrow lunar material must submit a written request at least 1 month before the first date of the requested loan period. The normal loan period is between 1 and 2 weeks. We can easily appreciate that the

lunar material in the discs is irreplaceable. Although the samples have no "cash value" they do represent a national treasure. Security must be a prime concern for anyone involved in the loan program. Exact specifications of how the samples must be stored will be provided to the participant.

The lunar disc is part of an educational package that contains: 25 copies of the publication "What's New on the Moon", a 16mm film and VHS video tape copy of the film "Reading the Moon's Secrets", a filmstrip and audiotape, and a teacher notebook containing actual photographs of the assigned sample along with several student activities.

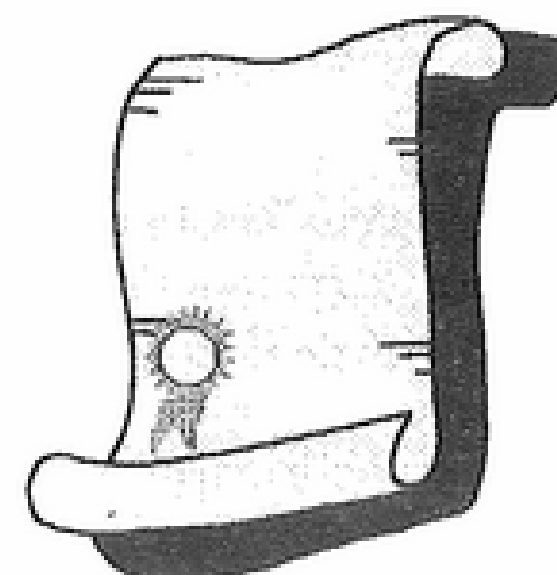
Richard Crone invites you to contact him for further information. He can be reached at Code 130.3, Educational Programs Office, Goddard Space Flight Center, Greenbelt, Maryland 20771 or at (301) 286-7205.

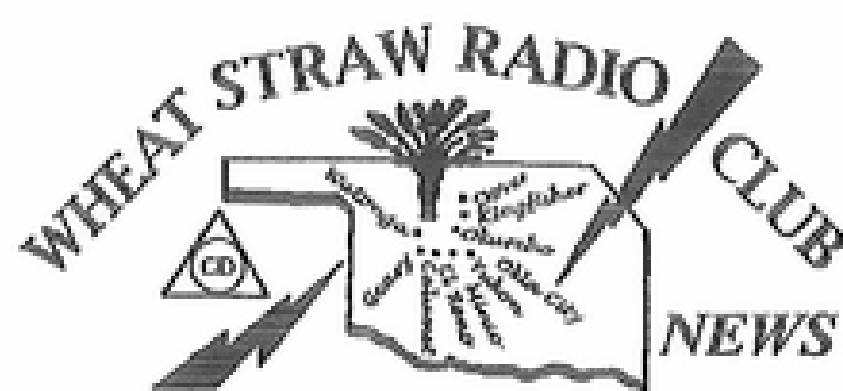
GET YOUR CALL

Do you know someone who is anxiously awaiting a brand new or a first call sign? Recent F.C.C. rule changes allow new hams to start operating as soon as the license is granted, and the Commission is now making licensing transactions available on a daily basis.

Unfortunately, the F.C.C.'s phone lines are often busy, so tell that eager new ham to call A.R.R.L. at 1-800-326-3942, between 8AM and 4PM Eastern Time. By doing so, he or she can easily find out their new call sign.

Also, if a V.E.C. is using electronic filing, licensing information will likely be available 7 to 10 days after the exam.





Wheat Straw Club Meeting

On July 9, 1995 the Wheat Straw Amateur Radio Club celebrated its thirty fifth anniversary at Watonga in the American Legion building, with thirty three present.

After a very good dinner of hamburgers and cheeseburgers, cooked by Mike and Harold Wells on the grill, the meeting was called to order by the president, Leo, WZ5H. Self introductions were made. Then the minutes of the previous meeting were read by the secretary, Joe, WA5FLT, with no additions or corrections.

Then the treasurer's report was given by Joe, WA5FLT.

Johnny, K5GBN, gave a very interesting history of the club. In 1955, Bus Blum approached Johnny about taking an amateur rest. He finally took the test and passed it. In 1959, James, K5RLM, bought a Heathkit which Johnny put together. That year the two had their first field day up on Howe Hill, southwest of Calumet. February 1 was the first meeting held at the Christian Church.

A large wall banner was printed for the occasion and displayed on the wall.

Ralph, WA5PFK, mentioned that Margaret, WA5RLP, made a motion making the unlicensed spouses as associate members of the club. Ralph thinks that was a big step in bringing the fellowship and togetherness that has contributed to the club's longevity.

Stu, K5DSR, noted that there is another amateur radio club with the same name as ours in Kansas.

Our president told of having a *QSO with a nudist group* before the meeting! *!! I wonder about him using SSTV.

Fred Tech, K5GDE, and Bus Blum,

W5VVU, wanted old radio gear to be put in the historical building in El Reno.

Johnny, K5GBN, reported that the new antenna has not been purchased yet. Joe and Johnny will pick up one soon.

Jim, N5VDY, mentioned that the fiberglass antennas need to be grounded.

Leo, WZ5H, gave a rundown on the prices of the vests, T-shirts, and caps, with samples of how they looked, and took several orders.

The next meeting will be at Canton, OK. The meeting will be our annual covered dish dinner at the Canadian shelter down north by the old air strip, just around the corner from the boat dock. This year there is a \$20.00 charge for reservations. Leo has paid it. Jim, N5VDY, made a motion that the club reimburse Leo the \$20.00 for making the reservations for the shelter. Ralph, WA5PFK, seconded the motion which carried. Tom, N5IKN, mentioned that the rulebook allows for reimbursement.

Ralph, WA5PFK, invited Virginia, N5EMD, to the meeting. She could not come but asked about several of the members and sent her greetings.

Jim, N5VDY, made a motion that the Wheat Straw donate \$15.00 per meeting to the American Legion to defray overhead for the use of its building. Joe, WA5GHK, seconded the motion, which carried.

Olive, N5IXN; Leo, WZ5H; and Ray, AB5Z, will be responsible for net control for the next month.

Jim N5VDY, asked the technical committee to keep tab of its expense for reimbursement.

Father Joe, W5JEB, asked about Clemon Clewell, and was answered by Ralph.

Tom, N5IKN, made a motion to adjourn, seconded by Johnny, K5GBN. Club adjourned for cake and home made ice cream and such for the anniversary.

Joe, WA5FLT, Sec.

Celebrating 35 Years of Wheatstraw

Harold, KA4WHJ; Mary, KB5FOR; Goldie and Ralph, WA5PFK, cleaned the building from end to end and set up tables with chairs getting everything ready for the event. Goldie made a two cake batter from scratch, white cake, baking it in three different size layers. The cake was iced with white icing with white figures "35" trimmed with light green. Then the top six inch layer was covered with green grass. Goldie took more icing, blending the color of ripe wheat, made wheat heads on single stems spaced around the middle tier. In between each stem she made a leaf. Each tier was decorated with a red and white border.

The meeting lasted about an hour, then we moved back to the tables. There was the cake with a miniature radio simulated tower made by the late George, K5GGL, with a simulated coax fastened to the driven element attached to a miniature radio shack made by Jan, N5JUT, of Okarche. The shack was sold to John, WA5PFJ, at Arlington TX Ham Comm. Then the shack was taken to Ralph, WA5PFK, as a gift from John. The cake was cut and served to all with home made vanilla and banana nut ice cream. The cream was made by the Wells and the Wilders.

Johnny, K5GBN, had brought many newspaper clippings, stories of caravan trips scattered from all parts Oklahoma. There were pictures of field days, special events from Black Kettle reservation to Tablequah, the Trail of Tears -- a scrap book of the beginning of the Wheatstraw ARC.

Mary Ann, WA5VNF, brought many pictures of outings, trips, dinners, and meetings of the club. There were two long tables of pictures from one side to the other showing Wheatstraw activities.

Looking at the display and the fellowship lasted until five o'clock in the evening.

Visitors for the day were Mike, WA5ZKX, his wife Mary, KA5WHI, and their two sons. Mike is the son of Harold and Mary Wells. He is a long time friend and we enjoyed seeing them.

From ARRL Letter

FCC gives ARRL/VEC Green light to transmit data.

On December 1, 1994, the FCC instructed ARRL/VEC (and W5YI/VEC and Sunnyvale VEC) to begin submitting electronic Form 610 application data to them on diskette. Along with the diskette data, we were also required to submit the hardcopy applications so that the FCC could review the accuracy of our data (keyboarding) against the actual applications.

Vanity and Club Call Signs

The FCC released its report and order in PR Docket 93-305, amending its rules to provide for a "vanity" call sign program. The new rules are effective March 24.

Where to get new license information?

New license data is available through a variety of sources, including:

ARRL New Ham Hotline -- 800-326-3942
FCC -- 800-322-1117 (8:00-4:30 p.m. Eastern)

Majority Rules

Ted: "Who is your wife voting for -- a Democrat or a Republican?"

Larry: "She'll vote for the same person I vote for."

Ted: "And who are you voting for?"

Larry: "She hasn't decided yet."

Took it in Stride

Doc: "See, I told you that you'd be walking again. How did you do it so quickly?"

Patient: "When I got your bill, I had to sell my car."

It Smells Fishy

There was a convention of fishermen from all over the country. The tales were many, and each one tried to do better than the one before. The man from Texas had been quiet. The crowd was amazed he had not told about the fish caught in Texas. Then he finally spoke, "Oh, it's nothin' to brag too much about. Just six inches, you know."

"Do you mean to say that is the largest fish you have ever caught down in Texas?" asked one member.

"That's correct, partner," he replied. "Of course, when we measure fish down in Texas, we measure them between the eyes."

Bully For You

by Dora Rees

Spending several summers on a cattle ranch in Arizona, there was always something to do. In the evenings, after rounding up the cattle, everyone got together for a big barbecue.

During one of the barbecues, a cattle inspector stopped by. When Uncle Clayton told him that he wasn't expected until the following day, the inspector puffed up like a horned toad. "Well Clayton, I'm here now. We can take care of it now, or you can step back to the end of the line again."

The inspector pulled his book out of his pocket and fumbled through the pages. "The next available day I have is about two weeks away."

Uncle Clayton smiled, picked up a jar of apple butter, excused himself from the guests and headed toward the corrals with the inspector.

Snuggles, one of the finest rodeo bulls in the southwest, stood under the big mesquite tree. To us, he was like a family pet. My cousin Bobby, as a rodeo clown, often stood in the middle of the arena and shouted, "Rumble, Snuggles, rumble." The big bull would charge him. Bobby, standing perfectly still showed no fear, and Snuggles always came to a screeching stop within a foot of him. Then, Bobby reached into his pocket, pulled out a jar of apple butter and offered some to the bull. Snuggles greedily lapped up the sweet butter.

Uncle Clayton looked toward Snuggles. "The blue bull under that tree is a little too close for comfort. Last year, he charged one of my best hands. The poor man spent two weeks in the hospital."

Uncle Clayton, leaving the inspector standing outside, went into the tack room, grabbed a roll of sticky fly tape, and spread some apple butter on it. Coming out the door, holding the fly paper behind his back, Uncle Clayton looked at the bull again and said, "Y' know, that bull sure does worry me. If you give me a little help we can drive him down that path."

The Inspector reluctantly agreed to help, and Uncle Clayton patted him on the back with the hand that contained the fly tape, leaving the tape dangling from the inspector's shirt. The two men walked toward the bull.

Suddenly, Uncle Clayton waved his arms and shouted, "Rumble Snuggles, Rumble." The bull turned, snorted and lunged forward, starting his familiar charge. Both men ran toward the ramada, Uncle Clayton ducked behind a gate, leaving the inspector to fend for himself. The inspector just reached the truck door when Snuggles came to an abrupt stop behind him. Not looking back, he jumped into the truck, started the engine and raced down the dirt road.

When Uncle Clayton came back to the barbecue, he had a solemn look on his face. He brought his hand up to his chin, rubbed it for a few seconds, and said, "I knew Grandma's apple butter was good stuff, but who would ever guess it could be used to get rid of pests?"

Annual Covered Dish Dinner

Everyone is welcome to bring a covered dish, their eating setup, come join the Wheatstraw radio club dinner and meeting on Sunday, August 13, 1995. Dinner will start at 1:30 p.m. Meeting at or near 2:30 p.m. It will be located at the Canadian Shelter.

Coming into the main gate from the south, go on north past the dam, just past the engineer's headquarters. Turn north. Up about 3/4 of a mile, circling to the right you drive up to the shelter. See you there.

Ralph, WA5PFK



Edmond Amateur Radio Society

August, 1995

The unusual August rains have certainly served to brighten up some lawns, shrubs, and trees. Seemed like we have all needed some brightening up lately. Perhaps, Fall will help us be in better spirits, lighten our load, and less encumbered. The Edmond Amateur Radio Society wishes you and yours a super time as school prepares to start in the next few weeks along with a recognizable shortening of the length of our daylight hours.

August Birthdays

We salute those with birthdays in the eighth month of the year:

- 1-Bill Thompson, N5KLG
- 2-Jim Rynearson, KC5MJS
- 4-Sue McGlynn, KE5QN
- 9-Wanda Forbes, KC5HCH
- 20-Ken Snyder, N5TWC
- 20-Lynnice Hamlin, KB5FOH

It is also necessary to recognize Opal King, KB5BUK, for day- in and day-out keeping up with all our special days and bringing these days to our attention during the Monday night Information Net. Speaking of birthdays, do you remember when Opal's birthday is? Does she mention her own birthday? She and John, KB5BLE's wedding anniversary (61st) has been brought up during the net.

But, what about their birthdays? Let's rub ye olde crystal ball and see what we can find out then put it on the Big Chief: Drum roll, please.

KB5BUK- 11/1
KB5BLE- 6/28

There are a few other folk, some you know, some you may not know, some you may not care to know; but all of the below named individuals do have birthdays:

- Astronaut, Owen Garriott-W5LFL, 11/22
- Ex-US Senator, Barry Goldwater-K7UGA, 1/1
- Milt Heflin, EARS Charter President-K5KRM, 5/28
- Singer, Ronnie Milsap, 1/16, WB4KCG
- Henry Just, K5SAM, 3/25, icon of pure Amateur Radio, interests leans slightly toward CW.
- Dave Sumner, K1ZZ, League Executive VP, 4/22
- Allen Watson, W5ERY, Edmond's Radio Youngster, 5/29

Monday Night Net

Yes, you know the time; 8:00 p.m.. The day of the week, now that is apparent. The tour comes to your rig just as regular as clockwork. Yep, we come strolling down your path ready for you to join our barn raising and carolling. Some of us EARS Monday night Info Net folk have good sense, some had good sense once and some can spell cents. We do enjoy the payoff of you joining our little choir and adding to the harmony of spreading the gospel of amateur radio.

Brother Richard will assist in your knowledge of current events of amateur radio, both far and near. He keeps his Big Chief warm with updates and interesting information, not readily available elsewhere. An instrument, not new to amateur radio, called a log allows net control to keep up with those stations who check into the net. There is an instrument, new to our hobby, called a NL (non-log), that allows net control to keep an inventory of stations that listen on a regular basis, but do not check-in. So you best check-in, cuz membership in the NL list can cause ya a peck full of trouble for a pint full of solution.

Board Meeting

The July Board Meeting was held on the 12th at Crockett's on Broadway. The roasting temperatures seem to lead to

Crockett's big kahuna size of iced tea. The EARS Board met on a regular basis years ago at Crockett's, so it was nice returning there for some fellowship and bit of club business processing. The little cherry pies didn't hurt the meeting a bit. We circulated the Ham-Holiday '95 sign-up sheet, rough draft of the special service club application and enjoyed Clarence's, KB5RR, latest creation: a pictorial showing the location of 2 meter repeaters in OK. We discussed having training sessions soon for the club station radio equipment.

Club Meeting

The July Club Meeting was held on the 17th at St. John, the Baptist Catholic Church. This is the same site where our licensing classes are scheduled to start on Sunday, Sept. 10th, at 2:00 p.m.. Please leave a message at the club's telephone, 359-4386, to sign-up a relative, friend, or co-worker.

The club officer nomination and election process was reviewed by N5DBM for the benefit of club members as we move toward the fall election time. The new club tee shirts were presented by Edith and made available for sale to club members. The tee shirts have the club logo on the back and look quite sharp.

Jim, N5OHL, gave an overview of our Field Day 1995, which resulted in 630 contacts, giving us about 2500 points, because of a substantial number of bonus points. The FD publicity we received (thanks to Jim Rynearson) was quite impressive. Jim Richardson has compiled a notebook which nicely chronicles the club's FD effort. We also discussed the 17 August dinner meeting and repeater performance.

Ham Holiday 1995

Gosh, how nice to see the whole gang enjoying HH'95. Nothing like the new, or used rigs, and goodies to bring out hams of all shapes and sizes. EARS did, as always, a super job with on-site registration. Those new club tee shirts looked impressive---all bright, shiny, and

new. Club members helping with registration included:

Lee Vaughn KA5WIS
 Edith Vaughn KA5YPX
 John Thomason WB5SYT
 Dee Mize WD5FHR
 Greg Bryant no call yet
 Tim Melton KC5OXM
 David Wolf KC5KJE
 Toni Winnard KK5LH
 Richard Winnard KJ5QU
 Ray Garrity KC5BTR
 Sue Snyder N5VWI
 Jana Thomason N5KMJ
 Denise Thomason KC5OVD
 Tom Guinn KA5WAV
 Glo Guinn KB5BGM
 Clara Granger KG5UG
 Barbara Kiespert KB5DGH
 Jim Juniper KC5DMK
 Bill DeMand K5SKA
 Ed Granger KB5DZU
 Steve Hamlin KG5IP
 Ken Snyder N5TWC
 Ken Stepp N5DBM

New Club Members

It is nice to welcome the following new members to EARS !

Ron DeMas-KC5PLI
 Tim Bethke-KB5GXH
 Don Rooker-NO5M
 Sue McGlynn-KE5QN

Thanks for a great job people!

The Editor

Upcoming Events:

- August 9th: Board Meeting Wednesday, 7:00 p.m.-Club Station

- August 17th: Club Dinner Meeting Tuesday, 6:30 p.m.-Interurban Restaurant Bryant & Danforth, in Edmond

-September 10th: Classes Start 2:00 p.m.-St. John, the Baptist Catholic Church, Sunday Contact Frank-341-1124 or Club Station #359-4386

73 de John, WB5SYT



A. R. R. L. Bulletins

From ARRL Headquarters
 Newington CT

To all radio amateurs:

ARRL Bulletin 63

June 23, 1995

Field Day Bulletin 1995

Hello 1995 Field Day participants. You may claim an additional 10 bonus points for each Field Day operator who completes at least one valid QSO and is an ARRL member. Check OTHER under BONUS POINTS for credit and list the number of ARRL members.

ARRL Bulletin 64

June 27, 1995

FCC closes field office

The Federal Communications Commission has consolidated the functions and staff of its Baltimore field office of the Compliance and Information Bureau (CIB) with the Laurel field office in Columbia, Maryland.

In a press release, the FCC said that in the past the two offices served different purposes, and as the result of FCC restructuring the two offices performed the same activities. The FCC said that since the offices were only 17 miles apart and served essentially the same geographic area, it was more efficient to consolidate them into a single location.

The new, combined facility is called the "Columbia Operations Center." The staff can be reached at 301-725-3474.

The FCC cited monetary savings in the move, since it owns the Laurel property and was leasing space in the Fallon Federal Building in Baltimore for that office.

ARRL Bulletin 65

June 28, 1995

Olympics traffic pact

The US has signed temporary Amateur Radio third-party traffic agreements with the governments of Germany and Greece, for the duration of the Special Olympics, being held July 1 to 9 in New Haven, Connecticut.

The agreements, written according to paragraph 2734 of the International Telecommunication Union Radio Regulations, permit the traffic with the following stipulations:

1. No compensation may be directly or indirectly paid for such messages or communication.
2. Such communication shall be limited to conversations or messages of a technical or personal nature for which, by reason of their unimportance, recourse to the public telecommunication service is not justified.
3. The Amateur Radio stations taking part in the communication shall at all times be controlled by licensed Amateur Radio operators.

Peter Vekinis, KCIQF, who is based in Brussels, was helpful in bringing about these special agreements.

ARRL Bulletin 66

June 30, 1995

Vanity call sign fee set

The Federal Communications Commission has adopted a fee for amateur vanity call signs of three dollars per year, to be collected for the entire 10-year term at the time of application for such a call sign.

The beginning date for these fees is September 18, 1995. These fees are the result of a mandate from Congress that the FCC collect fees to recover some of its regulatory costs.

The FCC said that the revenue requirement for amateur vanity call signs

is 840,000, dollar(s) and estimates that it will process 28,000 applications for them.

No start date for applications for vanity call signs has yet been announced, and the necessary FCC Form 610-Vs have not yet been released. These fees apply only to vanity call sign applications, not to any other amateur license transaction.

ARRL Bulletin 67 July 5, 1995

ARRL president steps down

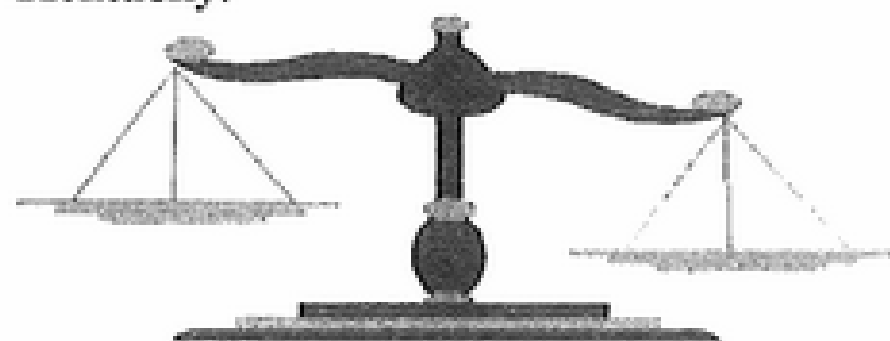
On July 1, 1995, American Radio Relay League President George S. Wilson III, W4OYI, submitted his resignation from the office he has held since January 1992. Mr Wilson, who suffered a stroke on February 11, presently is in a rehabilitation hospital in Evansville, Indiana.

Mr Wilson said that while he has made progress in rehabilitation, his medical condition prevents him from traveling and from devoting the energy required to perform the duties of the office for the remainder of his term, which expires at the January 1996 meeting of the ARRL Board of Directors. He expressed his appreciation to the members of the Board for the opportunity to serve.

"The League has my undying love and support," he said.

In accordance with the ARRL By-Laws, First Vice President Rodney J. Stafford, KB6ZV, has been performing the duties of president since Mr Wilson became incapacitated in February. With Mr Wilson's resignation, Mr Stafford becomes president for the remainder of the term. The next ARRL vice president in the order of succession, Jay A. Holladay, W6EJJ, becomes first vice president.

Upon completion of the rehabilitation program in Evansville, Mr Wilson will return to his home in Owensboro, Kentucky.



ARRL Bulletin 68 July 13, 1995

Fines for 4 amateurs

Four amateurs cited by the Federal Communications Commission for malicious interference on the 2-meter band have had the amounts of their monetary forfeitures adjusted.

The four, all in the New Orleans area, were cited for transmissions made in the spring of 1993. In September 1993 all four received Notices of Apparent Liability from the FCC's New Orleans office. The FCC, after reviewing responses from all four, then issued Notices of Forfeiture in November 1993, all in the amount of 2000 dollars. All four appealed the NOFs.

While these appeals were pending, the Court of Appeals for the D.C. Circuit vacated the forfeiture guidelines that the New Orleans Field Office had followed in the forfeitures, and on reconsideration, the FCC's Compliance and Information Bureau reduced them.

On July 10, 1995, the FCC issued Orders in all four cases, noting that the cases were based on information provided by the Amateur Auxiliary, and saying that "use of amateur volunteers for the purposes of monitoring violations in the amateur service is permitted by the (Communications) Act. In fact, the amateur radio community has distinguished itself for its self policing operations."

The FCC reduced the fine for Joseph F. Richard III, N5JNX, from 2000 dollars to 1000 dollars, rejecting his contention that tape recordings used by the FCC in the case are "inaccurate or misleading."

Vernon Paroli, KA5OWW, had his forfeiture amount reduced to 700 dollars, based on his claim of being financially unable to pay the 2,000 dollar forfeiture originally assessed.

The forfeiture amount for Will T. Blanton, N5ROC, was reduced from 2,000 dollars to 1,000 dollars. That of John B. Genovese, WB5LOC, was lowered to 500

dollars, because of the shorter duration of his transmissions.

ARRL Bulletin 69 July 13, 1995

5 GHz petition opposed

The ARRL has filed comments on a petition for rule making that would allocate 300 MHz of spectrum in the 5-GHz band, an action that would affect the Amateur Radio Service.

The petition, by Apple Computer, Inc, seeks 150 MHz, at 5150 to 5300 MHz, and 5725 to 5875 MHz. Amateurs currently have access to the entire range 5650 to 5925 MHz on a shared basis.

The Apple petition, RM 8653, seeks the spectrum for a new, unlicensed radio service that the League called "essentially unregulated, save for certain technical rules," and that proposes the use of directional antennas and relatively high power, and protected allocation status in shared bands by "non-technical persons."

And in defense of the Amateur Radio allocation in the 5-GHz band the ARRL cited activity in a number of metropolitan areas around the US.

The League said the petition doesn't show why 300 MHz is necessary for such a service (and why existing allocations are not sufficient); why existing wireless and wireline services aren't sufficient; and why a proceeding such as this should not wait until current proposals on such services are resolved.

The ARRL also said the petition fails to consider compatibility between the proposed new radio service and other services (including Amateur).

ARRL Bulletin 71 July 17, 1995

ARRL supports changes

The ARRL has filed comments on FCC WT Docket 95-57, a notice of proposed rule making on five items of importance to amateurs. These items, described in detail in page 82 of July 1995 QST, are:

1. A lifetime amateur operator license, originally proposed by the League in a petition filed January 6, 1994. The ARRL said in its comments that it believes a "relatively substantial" number of amateurs would benefit from such a lifetime license. However, the League said that the Commission's proposal is not quite what the 1994 petition requested, but, rather, that former licensees be given credit for examinations passed in the past. This would create an unnecessary burden for volunteer examiners, the League said, and would assign to them a function contrary to the Communications Act.

2. On April 4, 1994, the League petitioned the FCC to change the number of bona fide members necessary to constitute an Amateur Radio club from two to four, for the purpose of applying for a club station license. The FCC has recently resumed issuing of club station licenses after a 15-year hiatus, and the League said that since the FCC no longer requires the filing of organizational documents from clubs, that increasing the required number of members to four (as the FCC has proposed in WT 95-57) is more important than ever.

3. The League strongly opposed the creation of a "session manager" for volunteer examiner test sessions, as proposed by the FCC based on a petition by the Rules Committee of the National Conference of Volunteer Examiner Coordinators. The League said, among several arguments, that there is no reason why the (required) three VEs should not be held jointly responsible for the proper conduct of an examination, and said that the FCC's plan would undermine the integrity, both perceived and actual, of the VE program.

4. The League supported a proposal that the FCC issue special one-by-one call signs for certain special event stations.

5. The League also supported allowing portable indicators to be sent before, after, or both before and after the station call sign, as the operator chooses.

ARRL Bulletin 72 July 24, 1995

ARRL Board of Directors

The ARRL Board of Directors met in second session, in Rocky Hill, Connecticut, on Friday, July 21, and Saturday, July 22, 1995. Major actions taken include the following.

The Board of Directors expressed its gratitude to past President George S. Wilson, III, W4OYI, for his many years of dedicated service and conferred upon him the title of ARRL President Emeritus.

Dick Jansson, WD4FAB, was named recipient of the ARRL Technical Merit Award for his contributions to Amateur Radio through his work on amateur satellites.

Philip A. Downes, N1IFP, was named ARRL Professional Educator of the Year for 1994. Charles S. Ward, KJ4RV, was tabbed as the ARRL Professional Instructor of the Year for 1994. Chris Townsend NU7V, won honors as the Herb S. Brier Instructor of the Year. Karl Lambert, KB4DCR, won the Excellence in Recruiting Award.

The Board selected Dr. Ulrich L. Rohde, KA2WEU, as the recipient of the Technical Excellence Award for his series of articles, Key Components of Modern Receiver Design, which appeared in the May, June, July and December, 1994, issues of QST.

Joseph Phillips, K8QOE, and Michael Karp, AF2L, were named corecipients of the Philip J. McGan Silver Antenna Award for 1994. The Board thanked all amateurs for their public relations efforts throughout the year.

The Board approved the institution of three year terms for ARRL Directors and Vice Directors, to be implemented in accordance with a transition schedule beginning in 1998.

The Board directed that the ARRL staff create a plan, including a budget, for the creation of standardized testing procedures for consumer electronics

equipment to ascertain their degree of immunity to RF interference.

The Board declined to have the ARRL participate actively in the recently created corporation of volunteer examiner coordinators.

The ARRL will produce a handout aimed at new hams, explaining the concept of band planning, and will include approved band plans.

Changes were made to the operating procedures of the ARRL Awards Committee and Advisory Committees. Membership of the Awards Committee was reduced to six members. An ad hoc committee was created to review the terms of reference and operating method of Advisory Committees.

The Board adopted a resolution thanking NASA for its continued support of the SAREX program.

Details to follow in September QST.

ARRL Bulletin 73 July 25, 1995

New RFI book from the FCC

The Federal Communications Commission has released a new Interference Handbook for consumers. The 24-page, full color book will be stocked by FCC field offices around the country to provide people experiencing interference to home electronic equipment with information and solutions to interference problems.

The book deals not only with interference to televisions from radio transmitters, but also illustrates and describes interference caused by poor antennas (weak signals, ghosting); electrical interference from home devices such as hair dryers; electrical interference from power lines; and interference from home computers and low power radio devices such as garage door openers.

In addition to interference to televisions, the handbook describes solutions to interference to hi-fi systems, telephones, and video cassette recorders. Techniques

Thank you, Oklahoma City!



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THE CRANK™
a success!

Call, fax or write us today for information
concerning this outstanding concept
in affordable crank-up towers.

Be the first on your block
to own one!

We don't know whether to call it a lifesaver or a wifesaver ...

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833 Denmark Drive
Mesquite, Texas 75149
800-410-5988 / 214-288-3388
214-216-9994 Fax

for solving problems include the use of ferrite cores, improving receiving antenna systems, checking cabling, and isolating interconnected units to find the one that is at fault.

The book lists addresses and phone numbers for sources of high pass filters, common mode filters, band reject filters, ferrites and beads, ac line filters, telephone filters, and interference resistant telephones, as well as an extensive list of manufacturers of home electronic equipment.

Page one of the new FCC Interference Handbook says "Many interference problems are the direct result of poor equipment installation. Cost-cutting manufacturing techniques, such as insufficient shielding or inadequate filtering, may also cause your equipment to react to a nearby radio transmitter. This is not the fault of the transmitter and little can be done to the transmitter to correct the problem. If a correction cannot be made at the transmitter, actions must be taken to stop your equipment from reacting to the transmitter."

ARRL Laboratory Supervisor Ed Hare, KA1CV, says, "This is the statement from the FCC that hams have been waiting for. The book takes a fair and honest approach to explaining responsibilities and cures for interference problems. The FCC team that put this together has done a fine job with a complex technical and emotional subject."

ARRL Bulletin 74

July 25, 1995

Form 610 copies okayed

The Federal Communications Commission now accepts Form 610 amateur applications on white paper, two-sided copies of the form.

This is a result of the FCC adding the Form 610 to its "fax-on-demand" service, at 202-418-0177.

Since official FCC forms are color coded, submitting applications on official, buff colored Forms 610 may result in more expeditious service.

The ARRL/VEC will continue to use buff colored "official" Forms 610 for its exam activities.

ARRL Bulletin 75

July 26, 1995

Hemispheric permit sought

The ARRL has asked the Federal Communications Commission to implement US participation in an "International Amateur Radio Permit" covering countries in the Western Hemisphere.

The IARP would allow, in conjunction with an amateur's home-country license, temporary operation in any other country in the Americas that has signed the agreement.

The IARP was developed through the Inter-American Telecommunication Commission (CITEL) by Region 2 of the International Amateur Radio Union, and after approval by CITEL it was presented to the General Assembly of the Organization of American States, where The Inter-American Convention on an International Amateur Radio Permit was adopted on June 8, 1995.

(The US Communications Act permits the FCC to allow foreign radio amateurs to operate in the US and its territories through both bilateral agreements--the familiar "reciprocal operating agreements" between two countries--and multilateral agreements, such as the IARP.)

The IARP, the League said, would eliminate paperwork for both the FCC and for US, as well as foreign, licensed amateurs. Countries signing the agreement will not be allowed to levy a fee or tax on a visiting IARP-holder. IARPs would be issued in two categories: Class 1 (in the US, Amateur Extra Class privileges), and Class 2, Technician class privileges).

ARRL Bulletin 76

August 1, 1995

Hurricane Erin update

Hurricane Erin is expected to hit the lower central east coast of Florida late Tuesday

evening or early Wednesday morning. As of 11:00 AM EDT Tuesday, Erin is a Category 1 hurricane on the Saffir/Simpson hurricane scale. Amateurs are advised to monitor NOAA weather radio for storm coordinates, track and other information.

ARRL Southern Florida Section Manager Robert Van Winkle, AA4HT, reports that a regional net is in emergency session on 3940 kHz, with 7247 kHz as a back up.

The Hurricane Watch Net is active on 14325 kHz.

Amateurs are advised not to transmit on these frequencies unless directed to do so by Net Control Stations.

ARRL Bulletin 77

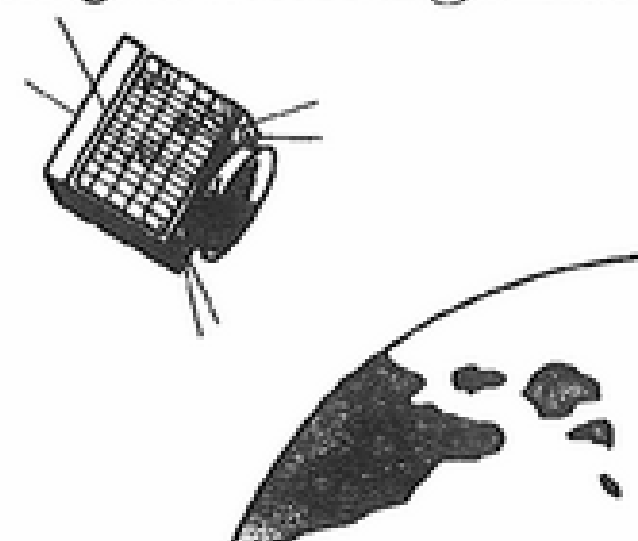
August 3, 1995

Voluntary Communications Emergency Declared

All amateurs are requested to cooperate by recognizing the existence of a Voluntary Communications Emergency, issued by the Atlanta Office of the FCC, and therefore relinquishing the use of frequencies 3837, 3862, 3910, 3925-3945, 3950, 3965, 7230-7235, 7280 and 7290 kHz for handling emergency traffic resulting from Hurricane Erin.

FM SIGNAL ON RS-10

WA4YMZ is asking if anyone knows what the FM signals are on RS-10? Gary says that for about a month, he has been hearing Spanish language FM transmissions when the satellite is over Central America. The signals are pretty strong, and Gary is wondering if we have another example of ham equipment being used by commercial interests because it's cheaper. If you have an answer send an e-mail message to WA4YMZ@amsat.org.



Word Search

by Edith,

HAM HOLIDAY

S A S + + S S +
+ R O + + D R + + + + C + + + + + + + + + + + + + + + + + +
+ A U S + R A + + + P R E R E G I S T R A T I O N +
+ N T E + A D S R E L A E D D E S U D N A W E N + +
+ O H Z T W N O S M A R G O R P L A C I N H C E T +
+ R C I + A O K + S + E Y E B A L L Q S O P A R T Y
+ A A R + D M C + + D T + + + + + + + + + N + C + +
+ M N P + N D A + + + N + + + + + + + + + O + N + + +
+ M A R O U E U O + + E U + Y + + + + N + I W + + +
+ I D O K F X T + I + C + O + T + + T + R + H + + +
+ C I O + P H O Y + D L + + R + I E + E S + E + + +
+ + A D C I I P + A + A + + + G C C T + M + A + + +
+ + N Y E H B A + + D C R + + H R A A + U + T + + +
+ + A L N S I T + + + I + K I + E I + M R + S + + +
+ + R R T R T C + + + T L N O P + + A + O + T + + S
+ + S U R A S H + + + U C O E L + + + F F H R + + M
+ + + O A L + A + + + A + R H + A + + + E + A + + A
+ + + H L O + S + + L N K + + M + R + + + T W L + R
+ + + + + H + S + P + O + + + + A + T + + + A + K G
+ + + + V C + N R + D R + + + + + H + N + + R T + O
+ + + + H S + O + I T E K R A M A E L F E + C + S R
+ + + + F + G + M + N A T I V E A M E R I C A + + P
+ + + + R E T T I M E D N A R O T C E L L O C + +
+ + G R A N D P R I Z E E D A W I N G + + + + + + + +
+ + + M R +
+ + S + C +

CRYPTPO Clans

By Forest, N5VWF

Each list contains related items; word structure and single letters are clues.

Example: Telegraph Key
XAYAILRMP JAG

AMATEUR RADIO

1. OLD RADIOS
ROY QZYHRN
2. ATLAS
ZFOZN
3. JOHNSON
PRKLNRL
4. HALLICRAFTERS
KZOOHVQZUFQXQN
5. NATIONAL
LZFHRLZO
6. COLLINS
VROOHLN
7. HAMMERLUND
KZTTXQOELY

WORD LIST

- Aeronautical Center ARC
Central OK Radio Amateurs
Cimmaron ARA
Collector and Emitter
Edmond ARS
Exhibits
Eyeball QSO Party
Fleamarket
Forums
Grand Prize Drawing
Ham Holiday
Hourly Door Prizes
Mid-OK Repeater INC
Native America
New and Used Dealers
Non Techincal Programs
OK Central VHF ARC
OKC Autopatch Assn
Oklahoma City
Preregistration
Programs
Scholarship Fund Awards
South Canadian ARC
State Fairgrounds
Technical Programs
Wheatstraw ARC

The Purchase

By a Farmer

A farmer had been taken several times by a local car dealer. One day, the car dealer informed the farmer that he was coming over to purchase a cow.

The farmer priced his unit as follows:

Basic Cow.....	\$ 499.95
Shipping and Handling	35.75
Extra Stomach.....	79.25
Two-tone Exterior.....	142.10
Produce Storage Compartment.....	128.50
Heavy Duty Straw Chopper.....	189.60
Four-Spigot/High Output Drain System....	149.20
Automatic Fly Swatter	88.50
Genuine Cowhide Upholstery.....	179.90
Deluxe Dual Horns.....	59.25
Automatic Fertilizer Attachment.....	339.40
4X4 Traction Drive Assembly.....	884.18
Pre-delivery Wash and Comb	69.80
Farmer Suggested List Price.....	\$2,843.36
Additional Dealer Adjustment....	300.00
Total List Price (With Options).....	\$3,143.36
Tax and Ear Tags	418.00
TOTAL PURCHASE PRICE.....	\$3,561.36

AMATEUR RADIO NEWSLINE

Articles printed in their entirety and credit is given to AMATEUR RADIO NEWSLINE as the source.

F.C.C. FUNDING FREEZE

Congress is considering whether to freeze the 186 million dollar budget of the Federal Communications Commission. This, at a time when it may greatly expand the agency's powers.

The proposed freeze was written by Representatives Jack Fields of Texas, and Edward Markey of Massachusetts. They are the chairman and senior Democrat, respectively, of the House Commerce telecommunications subcommittee.

F.C.C. chairman Reed Hundt says that a proposed appropriation freeze for fiscal year 1996 would not provide enough money to carry out new telecommunications laws unless the agency curtailed its other activities. This could have a marked negative impact on all services including Amateur Radio.

The F.C.C., backed by the Clinton administration had requested 223.6 million dollars for fiscal year 1996. No additional employees would be hired. Most of the additional money would go to computerizing the agency.

N6NHG GETS A PLEA BARGAIN

Ham Radio super hacker Kevin David Mitnick, N6NHG has lucked out once again. The Los Angeles computer hacker arrested last winter in Raleigh North Carolina after a nationwide hunt through cyberspace has reached a plea bargain with federal prosecutors. An agreement that could have him back on the street in a few months.

According to the Raleigh News & Observer, the plea bargain throws out all but one of twenty three charges Mitnick faced. It also calls for no more than an

eight month prison sentence on the remaining complaint. The Raleigh paper says that under the plea agreement, Mitnick, who has been held in North Carolina jails since his arrest, admits possessing 15 telephone numbers he cloned so he could burrow into computer systems.

The remaining 22 charges will be dismissed and he is likely to receive credit for time served while awaiting trial. But Mitnick's problems are not over yet. He will probably face prosecution in several other jurisdictions. One of the most likely in California where he is wanted for violating the terms of his probation.

MORE TROUBLES FOR KV4FZ

More problems for Herbert L. Schoenbohm, KV4FZ. An administrative law judge assigned to handle a review of his application to renew his Extra class license has granted a request filed by the F-C-C's Wireless Telecommunications Bureau to expand the issues brought in the case. Judge Edward Luton issued an order on June 7th in which he says, quote "it appears that during amateur radio communications made by him on April 3rd 1995, Schoenbohm stated that while he is not permitted to make any requests for political intervention in this matter, other people could make such requests on his behalf". KV4FZ is then alleged to have provided the name, address and telephone number of Congressman Victor Frazer.

The government contends that the Schoenbohm license renewal is a restricted proceeding. It says that Schoenbohms' actions may have violated the Commissions rules regarding exparte presentations. Based on this allegation, Judge Luton granted the F.C.C.'s motion to expand the probe.

You may remember that several months ago Schoenbohm was ordered to show cause why his the F.C.C. should grant him renewal of his amateur radio license. This in light of his conviction on the unauthorized use of long distance

telephone access codes. While this is not a violation of the Part 97 F.C.C. amateur service rules, the F.C.C. believes that it has the right to deny any citizen a license if they believe he or she has shown disregard for any law.

Until now, this regulatory interpretation has been used primarily in the broadcast and land mobile services. Schoenbohm is one of the first ham radio operators to have his license renewal challenged under this policy.

ARRL ON RM-8626

The ARRL has filed some very strong words for publisher Fred Maia, W5YI. This, in its reply comments to the F.C.C. on RM-8626. This is the petition for rule making filed by Maia that seeks to prohibit Amateur Radio stations from transmitting one way information bulletins and international Morse code practice below 30 MHz.

The fact that the ARRL would not support Maia's petition comes as no surprise. But what is unusual is one particular comment the League made in opposing Maia's idea. Most of the comments, the League sez, perceived Maia's effort to have been driven by his commercial interests. He publishes a newsletter aimed at amateur radio operators, he sells examination preparation materials, including Morse Code tapes. The League points out that its W1AW daily HF code practice sessions, which Maia's proposal would ban, are available free of charge. The League calls Maia's petition ill conceived and unthinkable. And it sez the comments strongly support the timely dissemination of amateur radio information, such as the declaration of voluntary communications emergencies by the F.C.C. and information about disaster relief communications. Among the comments filed in response to Maia's petition, support for the idea is minimal. Opposition is overwhelming. For those reasons, the League sez, Fred Maia's proposal should be dismissed without further delay.

By the way. Some 537 comments were received by the F.C.C. on RM-8626.

AAARA HAMFEST

ARMORY BUILDING
CORNER OF KELLWOOD AND SKYLINE, ALTUS OK
8:00 am to 4:00 pm

SATURDAY, SEPTEMBER 30, 1995

Talk in Frequency will be 146.79/19

Pre-registration Prize

ALINCO DJ180 HT

Drawing will be at 3:30 pm

Need not be present to win



Grand Prize

ICOM 281-H

Drawing will be at 3:30 pm

Need not be present to win

PROGRAMS - FLEA MARKET
CRAFT DEMONSTRATIONS

DEALERS - PRIZES
TEST BENCH

PACKET DEMONSTRATIONS - VE TESTING
FOOD CONCESSION STAND - NATIONAL WEATHER SERVICE

Packet demonstration 10:00 am

VE TESTING 1:00 pm

Bring Identification and Certificates

CRAFT DEMONSTRATIONS (Drawings after each demo)

PAINTING 10:00 am

KEY CHAIN 11:30 am

YO YO s 1:00 pm

(Times may vary)

Dealers:

RAD COMM

RADIO SHACK

COMM-NET

HARDIN

HATS & BADGES

HI TECH

Door Prize drawings to be held at 9:00 am, 11:00 am, and 2:00 pm (must be present to win)

Area Motel reservations can be made at the Super 8, Falcon Inn, Ramada Inn or Best Western Motels by September 15. Ask for Hamfest Rates. Set up may begin at 7:00 pm on September 29, 1995.

Cut along dotted line and return with a check or money order by September 10, to: AAARA, PO Box 73, Altus OK 73522.

PRE-REGISTRATION SLIP

(Copies will be accepted)

_____ Hams attending @ \$ 4.00 ea (Pre-Registered) or \$5.00 at the door

\$ _____

_____ Non hams attending @ 3.00 ea (not eligible for prizes)

\$ _____

Children under 12 admitted free

_____ Tables @ \$4.00 ea (pre-registered) or \$5.00 at the door if available

\$ _____

Total amount enclosed

\$ _____

Name _____ Call Sign _____

Address _____ City _____ State _____ Zip _____

Club Affiliate, if any _____ Tickets will be at the door.

Almost all opposed the Maia scheme. The ARRL notes that this is an extraordinarily large number of comments in response to any rule making petition. The League says that indicates the depth of the sentiment of amateur radio operators opposed to the W5YI petition.

W9CSX S.K.

Some sad news to report. Word that Marvin Camras, W9CSX, the man credited with the invention of magnetic tape recording, died June 23, in Evanston, Illinois at age 79. According to The New York Times, Camras worked and taught at the Illinois Institute of Technology for more than 50 years. As a student in the late 1930s, he built a magnetic wire recorder and later discovered that making recordings on magnetic tape made splicing easier.

In 1944 he was awarded a patent on method and means of magnetic recording and received the National Medal of Technology in 1990. He was awarded more than 500 patents for his work and they were licensed to more than 100 manufacturers.

Marvin Camras was first licensed as W9CSX in the late 1930s and held that call sign until his death.

COAST GUARD NET CHANGE

As of July 1st, the U-S Coast Guard Ham Net move its call-up one hour earlier to 16:00 UTC. The change is being made to allow the Maritime Net to operate without a break in their schedule.

The Coast Guard Net meets each Saturday on 14 dot 300 MHz. It is a directed net open to all active and former U.S. Coast Guard personnel, U.S.P.H.S. Doctors and US Coast Guard Auxiliary. The objective is to share news about the Guard and make new friends with common interests and renew friendships.

Net control operators are needed. Please contact KE7A via packet at WO5H in Dallas, Texas.

COLLINS CONVENTION

The Collins Collectors Association will hold their second annual convention in Cedar Rapids, Iowa, on August 12 and 13, 1995. Included will be a tour of the Collins Radio museum and antenna farm; displays of one of a kind Collins equipment, and "a very interesting program" at the Saturday evening dinner. The Cedar Valley ARC annual hamfest will be held on Sunday, August 13. To register for the convention, contact Tom Vinson, NY0V or Rod Blocksme, K0DAS at their call book address.

DX-WESTERN SAHARA

In DX, KC0PA, who was active earlier this spring from the Western Sahara, has returned to the country for additional duty until August. He has resolved his legitimacy problems with the Leagues DXCC desk and is signing 4U/KC0PA. The DXCC Desk advised him that they would have great difficulty in approving his operation using an S0 call, but if he obtained permission from the United Nations commander to operate and used the 4U prefix, his operation would probably be approved. Tim has obtained the appropriate approval from the UN commander and is, therefore, hopeful that his current operation will receive the blessings of the DXCC. Unfortunately, contacts made prior to his return to Western Sahara will not count for DXCC credit. His QSL Manager is VE9RHS.

1995 YHOTY WINNER ANNOUNCED

Fifteen year old Adam Weyhaupt, N9MEZ, of Alton, Illinois has been named as Newsline's 1995 Young Ham of the Year. Weyhaupt was selected based on his day to day dedication to public service through Amateur Radio since becoming licensed in 1991. Adam, who was last years runner up was caught almost speechless when he was told that 1995 was his year:

"Thank you very much. I'm just, wow, that just sums it up, wow!" Adam Weyhaupt, N9MEZ

There were many factors that contributed to Adam Weyhaupt's selection as 1995 Young Ham of the Year. Back in 1993 Adam spent his entire summer vacation coordinating radio relief efforts during and after the devastating Midwest floods. Even though he was only thirteen years old at the time and too young to accept a field assignment, Adam became the ham radio hero of relief efforts in the St. Louis area.

This by assuming their job of scheduling the around the clock ham radio relief efforts, daily, for over two months.

But that was just the beginning. In July of 1994, at age fourteen, Adam took on the communications task for the United States Olympic Festival '94. Each morning Adam opened the communications center at 8 in the morning and remained on duty until relieved by another adult operator relieved him. This, sometimes at 6:30 at night or later.

"My official title was primary staff assistant to the communications desk. Basically what I did was setup, work and teardown the communications center which ran for a total of 11 days, 11 or 12 I believe. The festival was 10 days long and of course we had little time before hand and afterwards to get all the events set up." N9MEZ.

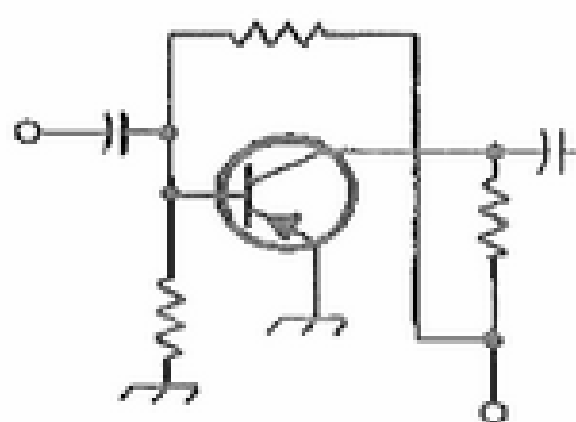
Adam performed this task from June 27th through July 10th of 1994. Since then Adam has also become a net manager and active in the Skywarn program. Adam says that ham radio and Skywarn have lead him to make a decision for the future:

"I've since made up my mind that I would like to become a meteorologist someday. I haven't narrowed myself down any more than that as to what kind of a meteorologist or scientist or anything like that. But I would like to be a meteorologist and I think I made that decision, in part, because of my Skywarn activities with ham radio." N9MEZ.

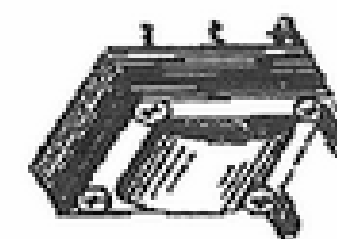
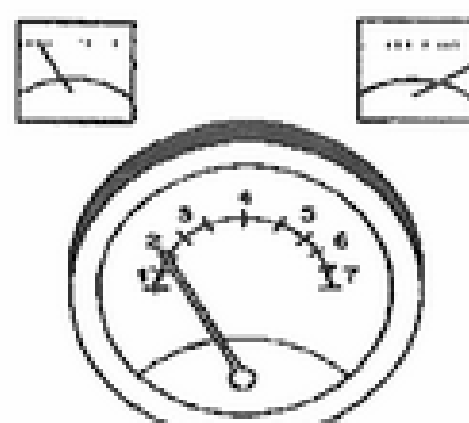
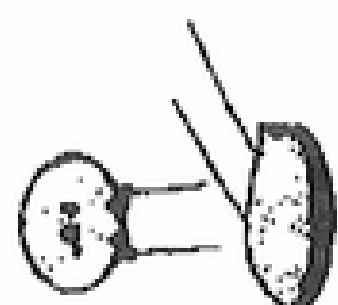
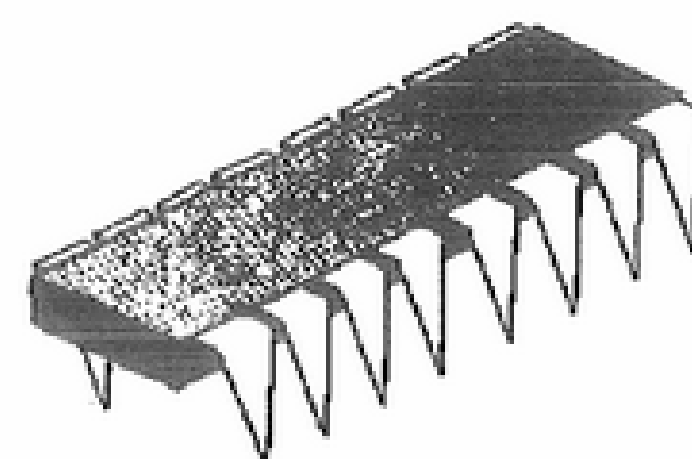
And what advice does the 1995 Young Ham of the Year have for other youngsters who are thinking of becoming radio amateurs?

D. W. ELECTRONICS

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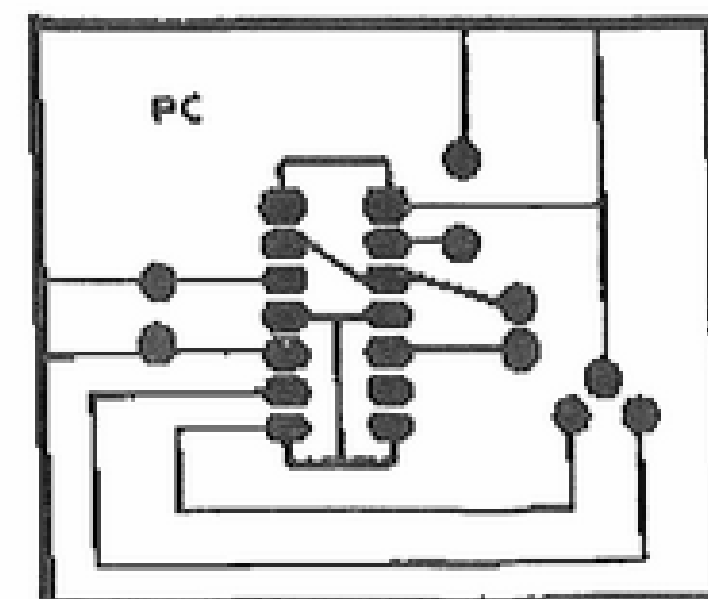
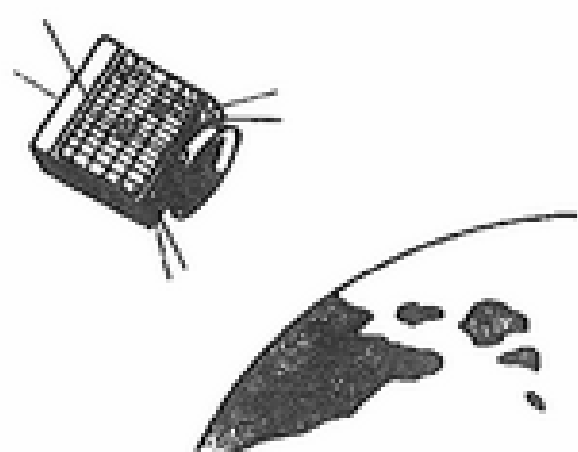
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"Jump in with both feet. Get as wet as you can. It is a lot of fun. They will make, if they aren't already involved in the hobby, they will make a lot of new friends. Those who are already involved in the hobby, get more involved. Don't hesitate, don't say I don't know if I can do this. I'm too young, I just don't think I can do that. I'm sure there is someone, that if you don't know how to do it, would love to teach you. And I guarantee you will be just as good as any adult." N9MEZ.

Adam Weyhaupt, N9MEZ will receive his award the evening of August 19th at the Huntsville Hamfest Grand Banquet. He will also get to tour Spacecamp Huntsville and the Marshall Spaceflight Center while in the Rocket City.

There are two runners up this year. They are Bryce Duncan, N0YDI of Red Wing, Minnesota and Toby Metz, KB0UIM of Meridan, Idaho. Each will receive a certificate noting their achievement.

The Young Ham of the Year Awards program is sponsored by Newsline with corporate underwriting from Yaesu U.S.A. Corporation and CQ Magazine.

MEET KB6ZV

A California magistrate has become the twelfth president of the American Radio Relay League. Judge Rodney J. Stafford, KB6ZV, of San Jose, California has served as First Vice President of the ARRL since January 1992. He had been performing the duties of president since February 11th when George Wilson, W4OYI became incapacitated by a stroke. He has now succeeded to the presidency from that position in accordance with the By-Laws.

But who is Arri President Rodney Stafford? To start with he is a Life Member of the League and holds the necessary credentials for the job. He has served as an ARRL vice president from 1990 to 1992. Before that as Pacific Division Director from 1986 to 1990, and as Section Manager of Santa Clara Valley from 1983 to 1986. He was appointed Municipal Court Judge in Santa Clara

County by the Governor Pete Wilson in 1990, and this year is serving as Presiding Judge. He is a graduate of the California State University at San Diego and the Santa Clara University School of Law. He was in private law practice from 1972 until 1988 and served as a Commissioner from 1988 to 1990.

President Stafford says that serving as George Wilson's First Vice President was a great apprenticeship. He says that President Wilson believed in team-building, getting people involved and keeping them informed. He says that the fact that the ARRL was able to keep functioning so seamlessly while President Wilson has been incapacitated is a testimony to that management style.

The new ARRL President counts photography among his interests in addition to Amateur Radio. Nor is KB6ZV the only ham in the Stafford family. His wife Patricia holds the call sign N6KLI.

Rodney Stafford will complete George Wilson's term of office that expires in January of 1996.

TASMA RECALL

The head of Southern California's Two Meter repeater coordination council has been recalled. By a approximate three to two majority vote, that itself may be questionable, Attorney Sidney Radus, N6OMS, has been removed from his role as leader of the TASMA political structure.

Radus ouster was primarily the result of a coalition effort on the part of hams from San Diego, Riverside and other outlying Southern California areas over which TASMA has taken coordination responsibility. In their recall petition, Radus was charged with acting outside of TASMA by-laws, acting outside the authority of the office of Chairman, acting in violation of the Rules of the Federal Communications Commission as it regulates the Amateur Radio Service and for putting TASMA in legal jeopardy.

The problem is that none of the charges were ever proven in a court of law. And the way in which many of the recall votes were solicited could cause the entire proceeding to be legally questionable. This is because both sides depended heavily on drumming up proxy votes from the overall ham community, rather than keeping this as a matter to be decided by the current TASMA members.

In the past few weeks, hams across Southern California were subjected to several packet radio campaign messages urging that they take sides with one side or the other. Each side claiming that it supported packet radio and thereby inferring that it had the power to do favors for packet operators. Favors, which in reality neither could possibly deliver.

In the end, it was the same proxy votes rather than the votes of those present at the July 7th meeting in Long Beach that ousted N6OMS. Only about 100 hams were present for the five hour meeting, a meeting that lasted so long that the group was evicted from the hall and had to complete its vote counting in the parking lot!

And even though there are close to three hundred TASMA coordinated repeaters on the air in Southern California, only a handful of repeater owners bothered to show up. This in itself gives rise to speculation that many old-line repeater owner operators are completely fed up with the political shenanigans taking place in TASMA. That, or they feel they have their frequency pairs and feel no need to financially or politically support the coordinating council.

But one thing is apparent to even the most casual observer. It takes very little time to realize that the TASMA of today is far different than those it was back in 1979.

TASMA has become an organization that is so totally immersed in its own internal political strife that it seems to have forgotten its only reason to exist. To simply advise hams on the best frequency on which to put up a repeater, and to do nothing more.

KC6LHA GATEWAY CLOSES

Also from Southern California, word that KC6LHA has announced via packet that he has closed his packet to Internet gateway. This, due to some unforeseeable circumstances that prohibits him from continuing its operation. Jerry says that he is sorry for the inconvenience this bring. He says that he hopes another ham in the area will donate his or her time, money, and efforts in providing a similar service. Jerry adds his personal thanks to the amateur community for letting him provide the gateway service for the past few years.

STS71 CONCLUDES

The STS 71 Shuttle Mir rendezvous mission is over and ham radio helped to make it happen. The Space Shuttle Atlantis landed in Florida on Friday, July 7, at 1454 UTC ending a mission which included the historic first docking with Space Station Mir on June 29th

Mission Specialist Ellen S. Baker, KB5SLX, and Pilot Charlie Precourt, KB5YSQ, conducted Shuttle Amateur Radio EXperiment activities using the same radio used to rendezvous and dock the two spacecraft. Early reports indicate that the astronauts made successful QSO's with five student groups who had prearranged contacts. They also made numerous random voice contacts with individual amateurs worldwide.

CB SAREX

An Elkhart Indiana CB channel provided Shuttle-Mir information on 11 meters during the recent STS-71. This first ever service was provided by Keith Thews who also provided SAREX information via his bulletin board and other media.

According to an Internet posting, Keith's on-air service was on CB channel 3 and featured information provided by a local ham. Keith says that coverage included a number of counties in Northern Indiana and was well received on the air.

And before you ask if those could lead to a CB station flying on a future shuttle flight, don't hold your breath in anticipation. If nothing else, there is no way to mount a 108 inch CB whip in the shuttle window which is only about a foot high!

CHANGE IN PHASE 3D LAUNCH SCHEDULE

The launch of AMSAT's Phase 3 D satellite will be delayed. Reports in the space press, and confirmed by the European Space Agency say that the launch of Ariane 502, the mission on which Phase 3D is manifested, is now set for May 29, 1996. This is almost two months later than the previous April 3, 1996 date. This reschedule of Ariane 502 follows a reschedule of the first in the Ariane 5 series, Ariane 501, from November of this year to mid-January of 1996.

ON-LINE MAGAZINE AVAILABLE

A new Amateur Radio Operator OnLine Magazine is up and running and available on the World Wide Web. This is a little different from other Web pages. It is a complete magazine on-line with links between articles and pages.

Since this is the first magazine of this type for Amateur Radio, the creators are interested in receiving feedback from readers. The creators of the Web pages are also looking for future articles to include in the on-line magazine. For more information send an e-mail message to evgraph@aol.com.

DX-9Q2L

In other DX news, PA3DZN has announced that QSLs for the 9Q2L operation go via PA3DMH and not PA3DLM. Alex says that PA3DLM is the QSL Manager for his operation as 9X5EE only.

INTERNATIONAL POSTAL RATES GOING UP

And DXers will want to take note of this. K1LEC says via packet radio that the U S Postal Service is increased international postal rates effective July 9th. The new rate will be 60 cents for the first half ounce or \$1.00 for a one ounce letter. Postcard rates also have been increased.

V.E.C. FUNDING

The F.C.C. will not permit the nations Volunteer Examination Coordinators to copyright the Amateur Radio testing question pool. The government agency says that the preparation of the question pools is a part of the volunteer activity expected of V.E.C.'s.

For some time, the V.E.C.'s have been toying with the idea of copyrighting the question pool and then selling commercial publishers access to it. But speaking at the annual meeting of V.E.C.'s, the F.C.C.'s John B. Johnston, W3BE said that the entire purpose of the question pools is to inform examinees, examiners, educators, the amateur radio community and any other interested party as to exactly what a person has to know in order to obtain a ham radio license.

Copyrighting the pools says Johnson, would be fundamentally contrary to the Commission's goal of giving the public the best possible service at minimal cost.

Johnston said that there is one and only one source of funding available to those who function as Volunteer Examination Coordinators. That source of revenue is the testing fees paid by examinees. The dollar amount of those fees is tightly government controlled so as to preclude a V.E.C. from showing any profit from its testing operations and no other solicitation of funds is authorized under the V.E.C. system.

Johnston noted that the National Conference of Volunteer Examination Coordinators, an umbrella organization formed by the V.E.C.'s may collect dues from its members, but it is forbidden to do any other form of fund raising until and unless congress passes legislation to authorize other fund raising activities.

A LOOK INTO OUR PAST: DECEMBER 1979

THE EYEBALL

BY Chuck Wilhite, K5NK

One day recently, I was invited to have an EYEBALL with a ham friend of mine. After much discussion on my part to myself, I decided to go. I had no idea as to what I was getting into, but thought it would be a very interesting trip.

Now I have been invited to have coffee with friends before, and as one would think, we would sit around and drink coffee and shoot the bull. A time or two, I have been invited to have lunch with friends, and once again, we would usually sit down to a plate of food and enjoy a bite or two. When friends invite me to come and have a little homemade ice cream, I usually wind up eating a couple of bowls of some yummy frozen stuff.

But, an eyeball? Yuck!! I just couldn't imagine enjoying an eyeball. This brought back memories as to the first time I tried Mountain Oysters. I remember thinking that when I put my knife and fork to the rascal, it would go scooting across my plate, being more like a big grissle than anything else.

Being something of a fanatic about the types of foods I eat, I wasn't too thrilled about the whole idea. I don't like delicacies such as raw oysters, snails, liver, or fried snake meat, so why did I think this would be anything different.

An eyeball, as most folks know, is that organ of the body with which both man and most all animals use to see or observe things. Some are blessed with better seeing ability than others, but, by and large, most have a couple of these things embedded in their skull. The eyeball is made up of many parts, such as the retina, cornea, pupil, iris, etc. It makes no difference if they come from human or animal, basically they are the same. Some are a little bigger than others, and that's about all. An eyeball is an eyeball.

Anyway, off I went to have my eyeball. I still kept thinking about that mountain oyster. I wondered what kind of eyeball we were going to enjoy. I arrived about on time and there was Bill waiting for me. He asked if I was hungry and I told him I had about lost all the appetite I had ever had.

Bill poured me a cup of coffee and off we went to his ham shack. He showed me his new rig and he even let me twist all the knobs. We sat around and shot the bull for a couple of hours talking about the things most hams talk about. I noticed a new Bencher paddle and asked Bill if I could try it out with his new rig. Assuring him that I wouldn't burn it up, I proceeded to make a couple of contacts. Considering the nervous condition I was in, I handled the keyer and rig pretty well.


Bill told me that his wife had fixed up a little something for us and invited me into his den. Oops, here it comes. We walked into the den and Mary handed me a big piece of pecan pie with a cold glass of milk. I took my time eating this and enjoyed every bite. She asked me if I was still hungry and I assured her I wasn't.

We visited for a little while longer. I noticed my watch and it was almost 10:00 p.m., so I told Bill I had better go home. He asked me to stay longer, but I felt I had better leave while the opportunity presented itself.

I thanked Mary for the pecan pie and milk and headed for the door. Bill, followed me to the car, invited me back for another eyeball sometime. I told him I would sure do that and invited him to come visit me some day.

On the way home, I kept wondering just what had happened. Where did I lose out? I didn't remember any eyeballs. Bill must have known something I didn't. I really did enjoy the visit with him, though I'll always wonder just what that pecan pie had in it.

August 1 to September 2, 1995 Schedule of Events:

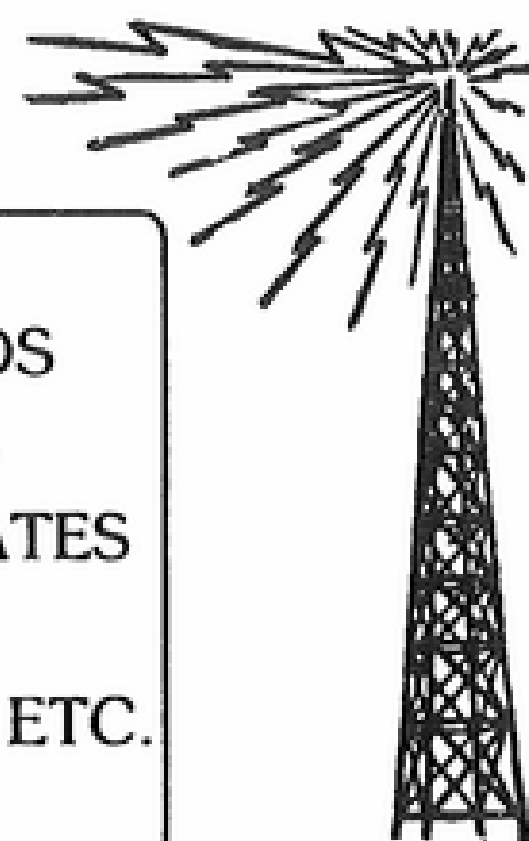
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
30	31	1	2 7:00 p.m. MORI	3 7:00p.m. Aeronautical Center 7:30 p.m. CARA	4	5 9:30 a.m. SCARS 10:00 a.m. SCARS VE Exams
6 2:00 p.m. MORI VE Exams 2:30 p.m. Wheatstrow	7	8	9	10	11	12 9:00 a.m. VE Exams (RSC) 11:00 a.m. VHF Club
13	14 6:00 p.m. CORA VE Exams	15 7:30 p.m. OCAPA	16	17	18 6:30 p.m. EARS	19
20	21	22 7:00 p.m. Shawnee VE Exams 7:30 p.m. CORA	23	24	25 C&E Deadline 	26
27	28	29	30	31	1	2



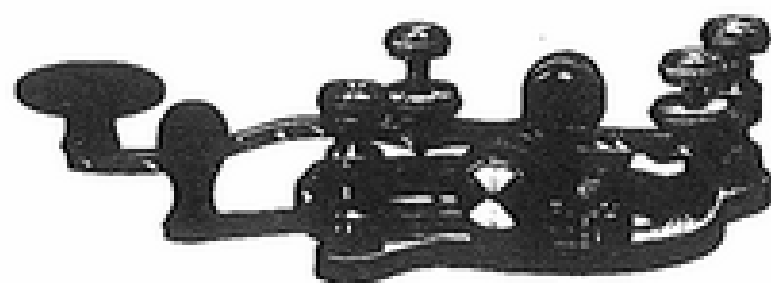
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