

# Collector & Emitter

A CORA Publication

**December 1997**  
Volume 23, Number 12  
Issue 274  
50¢

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**Christmas Recipes**

**Specialty Item...That's Me**



**Xmas Word Search**

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**Next CORA Meeting**  
**January 27, 1998**

**Collector & Emitter****Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio  
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Brad Nelson, KJ0W****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, N5PJ**

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**December 1997****VOL. 23, No 12, Issue 274****Collector and Emitter****(USPS 116-150)**

is published monthly by CORA, Inc. 4216 Spiva Drive Del City, OK 73115-4424. Periodicals postage paid at Oklahoma City, OK. 73125

Subscription rates:

CORA Associate \$4.80 per year

Paid subscription \$7.00 per year

**Postmaster:**

Send address changes to;

**Collector and Emitter****P. O. Box 95942****Oklahoma City, OK 73143-5942**

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<b>8. Choctaw Amateur Radio Club</b> Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Duane Angles, KA5WRG 670-6163 VP: Mike McFarland, N5WNT 799-0612 Sec: Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	<b>18. Lawton Fort Sill ARC</b> Meets: 1900L 1 <sup>st</sup> Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Paul Wardell, N5PYD VP: Marl Ewell, KC5IZN Sec/Tr.: Paul Goulet, KC5CYY 250-4247 E-mail: w5ks@rli.net
<b>9. Wheatstraw Amateur Radio Club</b> Meets: 1430L, 2 <sup>nd</sup> Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Ray Barnes, AB5Z 274-3334 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFF 623-5421	<b>19. Tri-State Amateur Radio Group Meets:</b> 1930L, 2nd Thursday, Woodward, OK Pres.: Duane Henderson, KC5NID 580-994-2223 VP: Jay Kruckenburg, KB5SOO 580-994-2751 Sec/Tr.: Larry Goodwin Sr. KC5NZC 580-886-2383 E-mail: W5OKT@unibuilt.com
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**Deadline for January 1998 Issue of Collector and Emitter is Friday, January 2, 1998. Send all Articles to Collector and Emitter, 4216 Spiva Drive Del City, OK 73115-4424 on 3 ½ inch floppy or e-mail to n1lpn@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.**

# Central Oklahoma Radio Amateurs, Inc.

## CORA VE Session

On Monday November 17th, the regularly scheduled CORA VE testing was held at the Salvation Army. These sessions are held on the third Monday of each month at 6:00 PM at the Divisional Headquarters of the Salvation Army which is located at Northwest Expressway and Penn Ave. It is on the southwest corner of that intersection which is just diagonal to the one and only Penn Square Mall. You are getting the idea by now. There will not be a quiz here associated with OKC streets. During November the CORA VE team also administered testing in Edmond to the EARS licensing class and others. This was held on Sunday November 2nd. A summary of that session can be reviewed in the EARS article in this same publication. In combination, the two sessions produced over 50 elements given with over 35 elements passed! Now that is a stack of paper and many hours giving tests and more hours processing the test paperwork. Thanks to the CORA VE team for their toil in helping all these applicants having test sessions so readily available. Job well done. Besides those mentioned in the EARS article the below cited Amateur Radio operators passed these elements:

Charles Alden- KM5LE, Extra Theory. Upgraded to Extra  
Mike Winkle-N5OSF 5 wpm code. Upgraded to Tech Plus  
Harold Zweicher - KC5ZAH General Theory

Congratulations to all these fine Amateur Radio operators who expended the effort to pass these elements. A pat on back also to those who assisted in helping these individuals get test ready. A good friend, family member as well as class instructors are all a part of the success and should be recognized for their effort. In a time of low numbers of new hams entering our hobby it is crucial to recruit and help as many as possible enjoy the multitude of rewards available through Amateur Radio. Licensing classes are crucial to Amateur Radio club sustaining and growing club membership. Should you or a friend need a web site URL to assist in reviewing test theory you might visit

<http://w5ac.tamu.edu/ham-exam/>

A nice up to date resource to give you feedback on your test readiness.

The December edition of the CORA VE session will be held on Monday December 15th at 6:00 PM. Plenty of time to get ready to test successfully. The examiners will be available so do your part and give yourself a well deserved Christmas present that evening. Ole St. Nick will be on the standby to get that new rig on the way to you by December 25th. On behalf of the CORA VE crew, have a very Merry Christmas!

73 de John-WB5SYT

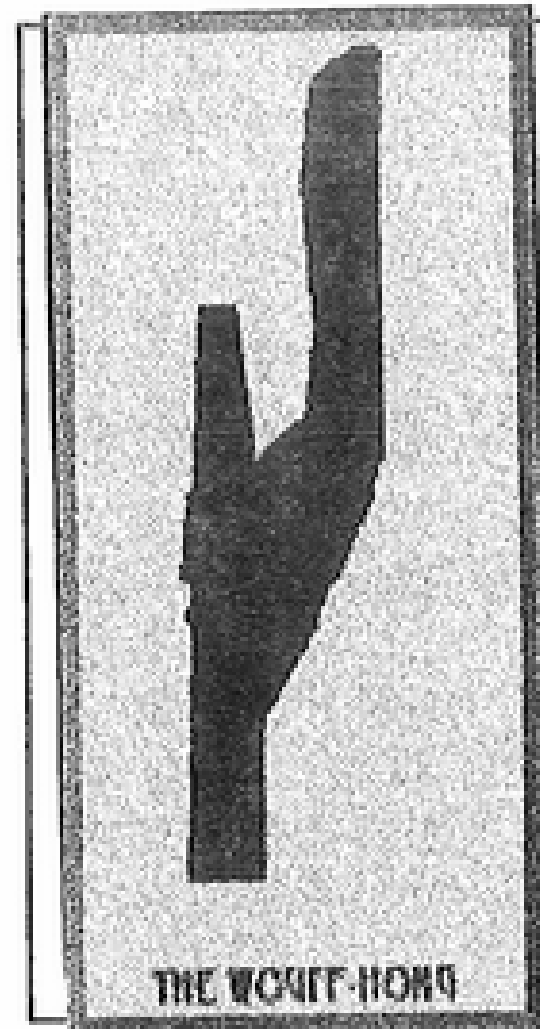
## The Wouff-Hong and the Rettysnitch: Lost Traditions?

L. B. Cebik, W4RNL

"The Wouff-Hong is amateur radio's most sacred symbol and stands for the enforcement of law and order in amateur operation."

"The Rettysnitch. . . is used to enforce the principles of decency in operating work."

*The Radio Amateur's Handbook, 1930, p. 11*



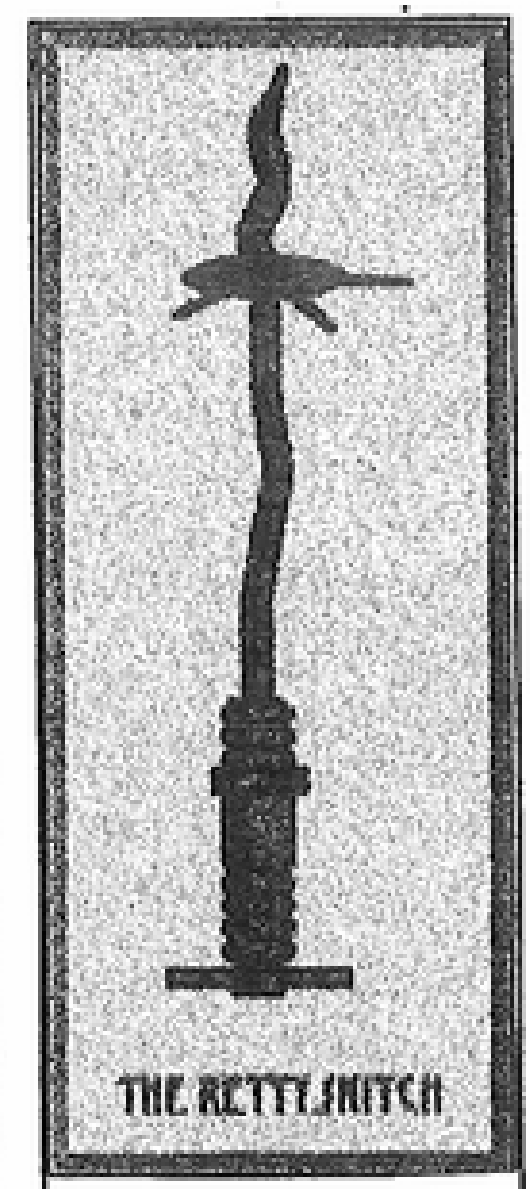
In 1930, the Handbook had pictures of both instruments of enforcement. By 1936, only the Wouff-Hong appeared, and by 1947, the Handbook had deleted both photos. Just when we needed traditions of law and order and of decency in amateur operations to guide its growth in the post World-War-II explosion of technology and easier licensing, the symbols had disappeared from view.

Many of today's hams have no idea what a Wouff-Hong and a Rettysnitch look like. To rectify that gap in hamdom's essential history, I

have used my very limited CAD abilities to make sketches of the two instruments. Figure 1 is the Wouff-Hong. The two main pieces appear to be wood banded by metal strapping and by heavy wire. What the sketch cannot convey is the darkness at the upper end of the longer wood piece, as if stained by blood or purified for its grave duties in the fires of purgatory--or both.

Figure 2 is a sketch of the Rettysnitch, an all-metal tool. Of the 5 teeth around the disk near the pointed end, only three remain. According to tradition, the other two have done their work and perished in the effort. Again, my limited skills in rendering the Rettysnitch rob the device of its terrible demeanor, and therefore of its force to ensure operating decency among amateurs.

Perhaps the last time the story of the Wouff-Hong and the Rettysnitch was told was in 1934. Thanks to Ed Guilford in Bothell, Washington, I have the May, '34, QST in which Rufus P. Turner--famous in the annals of electronics writings--recounted "Hamdom's Traditions: A Bedtime Story for Young Squirts." But even by Turner's time, the



Rettysnitch was relegated to a paragraph on the story's continuation page in the back of the magazine, with no picture. Somehow, even then, folks had forgotten that you can never have law and order without first having decency. Some pessimists think that we now have neither.

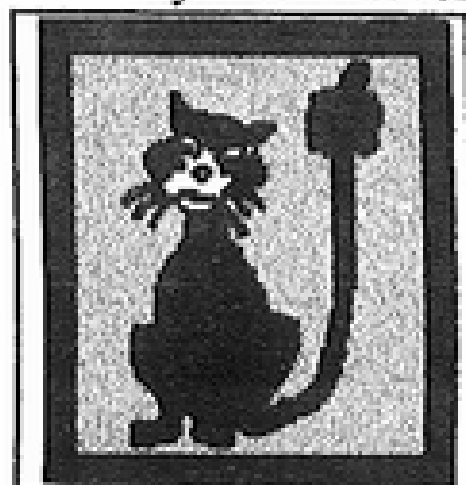
I do not subscribe to the pessimist's view. Sure, the number of rotten operators has skyrocketed, but not their proportion to the main corps of good, legal, and decent operators, capable and courteous to a fault. We should not be troubled by the size of the job of curing amateur radio of its illegalities and indecencies, for we have more folks to help use the Wouff-Hong and the Rettysnitch just where and how they ought to be used. No, not on others, but on ourselves--to make sure that we set a model for how amateur operations ought to be conducted.

Turner offers no prescription for using either device, but thought the Wouff-Hong able to beat out King Kong's brains or easily plow up acres of Manhattan bedrock. That will tell you something of the power of these machines. But it won't tell you how they came to be.

Remember T.O.M.--The Old Man--who wrote in earliest days of "Rotten QRM." His very first article in 1917 blasted concocted abbreviations just coming into use. Among the almost unintelligible gibberish in his headphones were words like "wouff hong" and "rettysnitch," surely instruments of terrifying punishment. By mid-1917, ARRL was besieged by orders for these contraptions, orders that could not be filled because the League staff had never seen either device.

In 1919, after World War I (then called simply the Great War since no one could imagine doing all that destruction and killing all over again), the League once more took up its work in earnest. At just this critical time, the Directors received from The Old Man a package containing an authoritative and well-preserved specimen of Wouff-Hong. Turner described the contents of the package as "the gruesome instrument of torture." By order of the Directors, it was hung in the office of the Secretary-Editor, within easy reach. Its first portrait appeared in QST for July that year. At each Board meeting, the Wouff-Hong stood on display, to the blanched looks of the humbled Directors.

The Old Man also presented the world with its first glimpse of the Rettysnitch. In 1921, the monstrous machine was presented to the League traffic manager by the Washington, D.C., Radio Club, ostensibly after receiving it from T.O.M. Even at its first public appearance, two of its teeth were missing, suggesting a long history of necessary and effective use. However, to this day, the Rettysnitch has lost no other teeth. It was ordered to hang by its mate.



In the 20s and 30s, many a reproduction of both instruments, but especially the Wouff-Hong, materialized across the country. A group of hams in Flint, Michigan, created the mystic society called the Royal Order of the Wouff-

Hong. The society endures to this day, according to legends to which I have so far not been privy. And The Old Man has been given a name: Hiram Percy Maxim, W1AW. At least, legend tells the story that way, perhaps based on the fact that T.O.M. glared at "Kitty" while reflecting on the "rotteness" of everything. Maxim did have a cat. However, true to feline nature, Maxim's cat never spilled the beans.

But what has become of the Wouff-Hong and the Rettysnitch? More important, what has become of their power to enforce both decency and law and order on the ham bands? Hams used to cringe at the thought, let alone the sight, of these dreadful tools of enforcement. But, we do not hear of them much anymore. Oh, a tremor of curiosity every now and again brings out a ripple of questions and speculation. But not much more more than a ripple.

You see, today, we have much more terrifying weapons, things like Oozies and H-booms and the like. They scare us in ways that seem to make the Wouff-Hong and the Rettysnitch tame and toothless. However, even in Maxim's day, objectively more powerful weapons were used in France, like tanques and gas more poisonous than that made by Texas chile. Why were the Wouff-Hong and the Rettysnitch so powerful to those early hams?

Because those hams cared about amateur radio in their hearts. They wanted what they knew they could never have: a perfectly law-abiding and decent radio service that would inspire young and old alike to become hams or, lacking the inclination to electronics, to become admirers of hams. Every minute of on-the-air time was a chance to show how noble a pursuit amateur radio was and should always be. They feared the Wouff-Hong and the Rettysnitch as instruments of their own consciences, as they strove to meet the standards they set for themselves.

And that is where today you will find both the Wouff-Hong and the Rettysnitch--deep in your own conscience. If they seem to hold no power, then you know it is time once more to elevate your standards a notch higher, and then to strive to achieve them perfectly. Each of us has a secret and private office where no one else may go. Above the door, facing our individual operating tables, hang two instruments, one of law and order, the other of decency. However much the outside world may neglect the tradition of these terrible reminders of responsibility, each of us posses our own Wouff-Hong and Rettysnitch. May you never deserve their sting.

Like all legends, this one, too, must end with special words: pass it on.

Versions of this item have appeared in 73, the newsletter of the New England QRP Club and in QST, the journal of the American Radio Relay League. Photographs of the Wouff-Hong and Rettysnitch may be seen at:

<http://www.zianet.com/sparks/index.html>.

# Chit- Chat

by Linda, N1LPN

## Sharing Holiday Recipes

It is that time of year again when families and friends gather together to celebrate the miracle of life. It is also the time when many will dig out their treasured family recipes passed down through the years and guarded from all outsiders. My grandmother use to say that you never give away all your recipes but it was okay to share a few with friends now and again. Recipes were meant to be shared. It is like giving someone else a part yourself, sharing who you are and by doing so your family recipes are passed on to be enjoyed by others to be added to their favorites.

### Black Forest Cake

Mike, N1XSF favorite cake

#### Cake:

1 Dark Chocolate Pudding Cake Boxed Mix (Devil food cake mix is fine)

Mix the cake mix according to the directions on the box as you would to make a normal cake. Pour evenly into two 8 or 9 inch round cake pans treated with shortening and floured. Bake according to directions on box. When done, remove from pans and place on racks to cool.

#### Filling:

1 21 oz can Cherry Pie Filling  
½ teaspoon almond extract

In a small mixing bowl, mix pie filling with extract and refrigerate.

#### Icing:

1 pint of whipping cream (not cool whip or that stuff that comes in a spray can but real whipping cream!)  
2/3 cup powdered sugar  
2 Tablespoons of Brandy (I used ½ tsp. almond extract instead of Brandy. I just don't have Brandy on hand and it is very hard to get a store to sell you just 2 Tablespoons worth.)

In a deep mixing bowl, chilled, pour in the pint of whipping cream. Beat at highest setting on your mixer. It takes a while but when it begins to thicken, slowly add powdered sugar. Continue beating until it forms stiff peaks, fold in

the Brandy. (This is the hardest part in the whole recipe, beating whipping cream)

#### Assemble:

1st layer, spread 1 cup of the pie filling on top within ½ inch of the edge. If you spread filling to the edge, you will have it overflowing down the sides of the cake, trust me. Place 2<sup>nd</sup> layer on top of 1<sup>st</sup> layer and make sure it is centered. On 2<sup>nd</sup> layer spread whipped cream on the complete top. (You may have some whipped cream left over, just refrigerate it and use in next few days.) About an 1 inch from the edge make a small indention working toward the center of the cake. What you are really doing is making a nest on top of the cake. Pour remaining pie filling into indentation made in the whipped cream topping. Your done. Refrigerate for a few hours and serve with coffee. (This recipe was given over the phone to me by the people at the Pillsbury Company. Mike loved this cake growing up. The Pillsbury Company use to make it in a boxed mix but no more. I called their 1-800 number and asked for help. This cake can be made as a sheet cake and you skip the layers. Just leave out the 1<sup>st</sup> layer and top as you do the second layer of the layer cake.)

Microwaves are not just for re-heating stuff, they are great for cooking too. Here are two of our favorites and I have taken them to covered dished dinners and made the candy as a quick gift. Yes, you can make Candy in the microwave. I have a 750 watt oven.

### 2 Minute Fudge

In a 2 quart microwavable bowl mix the following in the order given. Stir together 1 pound box of confectioners sugar, ½ cup cocoa, ¼ teaspoon salt. Slowly stir in ¼ cup milk and 1 Tablespoon of Vanilla extract until blended. Top with ½ cup of butter, do not stir. Microwave on high(10) for 2 minutes. Remove from oven and stir until smooth. Blend in one cup of copped nuts. Spray treat with Pam an 8 inch square dish and pour you fudge into it. Chill. Cut into squares and serve.

### Glazed Carrots

1 pound of fresh carrots, washed and sliced about ¼ inch thick. In a 1 ½ quart dish add carrots, and ¼ cup water and a

pinch of celery seeds (about 1/8 teaspoon). Microwave on high for 4 minutes, stop and stir and microwave for another 2 minutes or until tender. Remove from oven, drain any water which remains and COVER! In a 1 quart bowl, stir together ¼ cup brown sugar 2 Tablespoons butter, 1 tablespoon water and ¼ teaspoon salt. Mix well. Microwave mixture on high for 2 to 3 minutes. Stir well and pour over carrots, stirring gently to coat them with the glaze. Cover and serve. (You can also cook sweet potatoes the same way. Just use more water and adjust recipe to equal per pound.)

### Lazy Day Turkey Surprise

1 box of Creamy Tuna Helper  
1 to 2 cups of cooked turkey, cut up in bite size pieces  
1 small can of mushrooms, drained

Add ingredients to Tuna Helper according to the directions on the box but DO NOT ADD Margarine or butter. Add turkey and mushrooms in place of tuna. Cook in large casserole dish uncovered in the microwave for about 18 to 20 minutes, stopping and stirring it after the first 10 minutes of cooking time, on High. Stir once more and cover. Allow to set 5 minutes before serving. Suggest you serve this with a salad, mixed vegetables and fresh bread. Chicken can be substituted for turkey.

The following Recepies are from *Bobette Doerrie, N5IS (TSARG)*:

### Church Window Cookies

Mix together:

1 12 oz. Package of milk chocolate chips  
½ Cup of Butter

Stir in;

1 10 ½ oz. Package of miniature colored marshmallows  
1 Cup chopped nuts

Divide the mixture into 3 parts and roll each one into an oblong pan;

Roll in

3 cans moist coconut shreds (9 - 12 oz each)

Wrap in aluminum foil and chill. Slice thin. These can be frozen in roll form or as slices.

**Holly Cookies**

Melt:

- ½ stick of oleo (Can be microwaved, about 2 minutes)
- 30 marshmallows

Add:

- 2 tsp of vanilla
- 1 tsp green food coloring (less works, but not as brightly)

Mix in:

- 4 cups of cornflakes

Drop by tablespoons on a greased cookie sheet or waxed paper; before the mixture hardens, while it is still sticky add several Red Hot Candies to each cluster, so it looks like holly leaves and berries.

**No-Bake Orange Goodies**

Mix:

- 1 box of vanilla wafers, rolled fine or crumbed in food processor
- 1 stick soft margarine

Add and Mix:

- 1 box powdered sugar
- 1 cup chopped nuts
- 1 can orange juice concentrate

Roll into balls and roll in shredded coconut and chill.

**Cider Beetle**

(To mix with cider for a drink; makes an inexpensive gift)

- 1 dry citrus rind, like orange or tangerine (Dry in oven 2 hours at 200 degrees)
- Fill with brown sugar and pack. Detail with cinnamon stick, whole cloves and a whole nutmeg for the head. Wrap in plastic wrap.

**Ridiculously Simple Sherbert**

Mix together:

- 4 cups diet orange, strawberry, or raspberry soda
- 2 packages of sweetened frozen strawberries

Freeze in ice cream freezer until firm; eat immediately. Really hardens in freezer!

**Chicken Enchilada Casserole**

- 1 (4-5 lb) chicken, cooked and meat removed cut in small pieces (or three cans of canned chicken)
- 1 large onion, diced
- 2 cup chicken broth (or 1 can)
- Salt and pepper to taste
- Crushed garlic, if desired (I don't use)

- 2 (3 or 4 oz) cans of chopped green chiles (I use one)

- 1 can cream of mushroom soup
- 1 can cream of celery soup
- 1 1/2 to 2 dozen tortillas or chips
- 1 lb grated Cheddar Cheese

Cook onion in chicken fat or chicken broth until slightly wilted. Add the rest of chicken broth and chopped chicken, chopped chiles, mushroom and celery soups and heat thoroughly.

Cut tortillas in quarters or leave whole. In a 4 to 6 qt casserole dish, arrange layers of tortillas, or chips, chicken mixture, and grated cheese. Finish with cheese. Cover; bake at 325 degrees for 35 minutes or microwave 10 minutes until bubbling. Yield 8-12 servings

**Microwave Carmel Corn**

- 1/2 cup oleo (1 stick)
- 1/2 teaspoon soda
- 1/4 cup corn syrup
- 1 teaspoon vanilla
- 1 cup brown sugar
- 4 to 6 quarts popped corn (about 2 batches)
- 1/2 teaspoon salt

Put popped corn in a grocery bag that has been sprayed with a pan coating (Pam) and keep warm in a 225 degree oven while preparing syrup.

Combine oleo, syrup, sugar and salt in an 8 cup glass measuring cup or a 3 quart mixing bowl. Bring to a boil on high setting, about 2 minutes. Stir, then cook 2 1/2 minutes more. Stir lightly to combine, with wooden spoon. Fold down top of bag and put in microwave. Cook on high for 1 minute. Remove bag from microwave and shake vigorously. Return to microwave and cook for 1 minute more. Remove from microwave and spread out on a greased cookie sheet to cool. Break apart.

And from Ollie Henderson (TSARG) we get these

**Cranberry Salad**

- 1 lb cranberries
- 1 Cup nuts
- 1 Cup water
- 1 can crushed pineapple
- 2 1/4 Cup sugar
- 4 apples peeled and chopped

- 2 pks red Jello (small)
- 1 Cup hot water
- 1 Cup mini marshmallows

Cook cranberries, 1 C water & sugar together for 10 minutes. Dissolve Jello in 1 C hot water. Add to cranberries & let cool while preparing remaining ingredients. Add marshmallows, apples and nuts. Add pineapple, if desired. Place in refrigerator overnight. Stir together before serving. Note: If using canned cranberries, use 1 can whole cranberries. 1 C sugar dissolved in hot water with Jello. Follow the rest of the recipe.

**Cranberry Jello**

- 2 pks Cherry Jello
- 1 pkg cranberries
- 2 C hot water
- 2 C sugar
- 24 Marshmallows/ 2 Cups salad marshmallows
- 2 C whipped cream
- 2/3 C nuts of choice

Dissolve Jello in hot water, add sugar. Let stand until Jello is thickened, add ground cranberries, marshmallows, nuts and cream. Beat together with big spoon. The Jello will usually be ready by the time all other ingredients are prepared. Grind cranberries while frozen to prevent loss of juice.

**Lemon Fluff**

- 1 Cup Flour
- 1/4 Cup brown sugar
- 1/2 Cup melted oleo
- ½ Cup nuts
- Mix the above ingredients and put into 9x13 pan, bake 350 degrees for 20 minutes or until golden brown.
- 1 Cup powdered sugar
- 8 oz cream cheese
- 1 Cup cool whip
- Mix together and put on cooled crust.

2 small boxes of lemon pie filling (cooked and well cooled) Cool well before putting on cream cheese layer. Cool well before adding remainder of cool whip, sprinkle nuts on top if desired.

Cook the lemon pudding first follow package direction. Let cool while fixing the other layers, cool each layer well before adding next layer.



## Oklahoma City Autopatch Association

The regular meeting of the Oklahoma City Autopatch Association was opened at 7:35 p.m. on November 18, 1997 at the Salvation Army Building, Oklahoma City, OK by the President, Loyd Hargrove, AB5I.

A quorum of the membership was present. Those present were:

### Minutes

Minutes from the minutes of the meeting of October 21, 1997, as printed in the *Collector & Emitter* were approved.

### Treasurer's Report

The Treasurer's report was presented. Upon motion, the Treasurer's report was approved.

### Christmas Party - December 15

The next item on the agenda was a discussion of the Christmas Party. We can now go to the Golden Corral west of Wal Mart near the intersection of SW 74th and I-240 east of Penn. Cheryl Brassfield, KB5WQR made the arrangements for December 15 from 7:00 to 10:00 p.m. The price is about \$7.00 per person. The area is free of charge. There is a discount for children and

seniors. The plans were confirmed by general consent. There will be a white elephant gift exchange. Also, gifts and donations for the scholarship fund are welcome. There will be a drawing.

### CORA Report

Hal Miller, KB1ZQ, gave the CORA Report. CORA is alive and well. The organization now has thirteen clubs. The Tri-State Amateur Radio Group of Woodward has joined. Plans are progressing for Ham Holiday. They are concerned about attendance at the CORA meetings.

### Scholarship Program

The next item of business was a discussion of our scholarship program. The members discussed the possibilities of an auction, of putting equipment on sale at a flea market, and

We need to send a formal letter to KWTW that states the current officers and their phone numbers and addresses.

### President's Report

Loyd Hargrove, AB5I reported that the 147.21 Repeater is working at the present time, but there are problems with one of the crystals from time to time.

### ORSI Bylaws

Brad Nelson, KJ0W reported that there was an ORSI bylaws meeting, and a number of people are working on updating the bylaws. There is a meeting scheduled on December 6, 1997 at 1:30 p.m. at Rose State for the election of officers.

At 8:20 p.m. the meeting was duly adjourned.

Dated this 18th day of November, 1997.

Austin, NE5O  
Secretary

## Mom and Dad Prayer!

Now I lay me down to sleep,  
I pray my sanity to keep.  
For if some peace I do not find,  
I'm pretty sure I'll lose my mind.

I pray I find a little quiet  
Far from the daily family riot  
May I lie back--not have to think  
about what they're stuffing down the sink,  
or who they're with, or where they're at  
and what they're doing to the cat.

I pray for time all to myself  
(did something just fall off a shelf?)

To cuddle in my nice, soft bed  
(Oh no, another goldfish--dead!)

Some silent moments for goodness sake  
(Did I just hear a window break?)

And that I need not cook or clean--  
(well heck, I've got the right to dream)

Yes now I lay me down to sleep,  
I pray my wits about me keep,  
But as I look around I know--  
I must have lost them long ago!



## Notice

The repeater access codes for OCAPA's three repeaters will change at the close of business January 1998 meeting. Cards with the new repeater access codes will be available at this meeting to persons wanting to use the autopatch features.

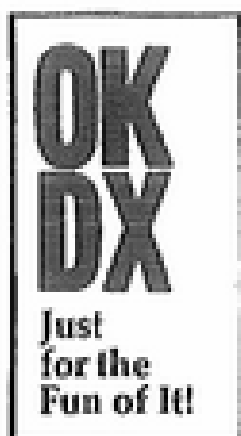
It has yet to be determined when cards may be mailed to club members not attending the meeting.

AUTOS PICKUPS VANS RV'S OTHERS

**Kathy's Detail Shop**  
Complete  
Detailing Service

670-5525  
4845 SE 29th

Newey Center  
Del City, OK



## OKlahoma DX Association

### ----- FROM THE PREZ -----

*by Bruce Burnette, K5PX*

Hello gang! The OKDXA banquet was great ... good fellowship, good food, and two great presentations! Bill Kennamer, K5FUV, gave a very good overview of the history of the DXCC program at the League. He also had some very interesting slides showing some of his travels with the League. Bill's work takes him to places like Japan, China, Italy, and Scotland/England. He stated that he spends a great deal of time at these locations checking DXCC submissions. He even has a little time left over to operate from these locations. I guess that he has a dirty job, but someone has to do it. I wonder if he would like to sell carpet for a while? Maybe he would trade jobs with me!

Frank Smith, AH0W, gave a very informative presentation of his latest Dxpursions to Midway AH4/AH0W, and Kure K7K. Frank tied some of the history of these two islands into his programs. Very interesting! Midway and Kure were both involved in the battle for the Pacific during World War II. Both of these islands have now been turned over to the U.S. Fish and Wildlife Service. Operating from these two islands is going to become more difficult in the future! The government has to protect those sea birds. Frank even had several items from Midway that he gave away as door prizes. I would like to express to Bill and Frank my sincere gratitude for coming to Oklahoma and sharing two really great programs with us!

We also helped Marissa Smith, (Frank's daughter) celebrate her eleventh birthday, complete with a cake that had the OKDXA logo on one side and "Happy Birthday Marissa" on the other side. I'll bet Marissa can't get a cake like that in Arizona.

We had a total attendance of forty-two. We had people from both coasts. Bill Kennamer came in from Newington, CT. Paul, W5DX (is that a great call or what) came in from Gig Harbor, WA, and Mel, AB6QM along with Mary, AC6OV traveled from Ignacio, CA. Our Oklahoma distance champion was Lu, K5YP, who traveled from Woodward. It was good to see some of the people that you only see at hamfest, to be able to meet some new people, and to put some faces with names. Next year the banquet moves to the Oklahoma City area, I hope to see all of you there!

And last but not least, I want to congratulate Jim Hood, K5TT, our 1997-98 "OKDXA Ham of the Year". Jim has worked selflessly for the Association as our President for two years, and that in spite of being on the road almost constantly with his job! The Association has continued to grow and prosper under Jim's leadership. Thanks and congratulations Jim!

That's it from this little corner of paradise. Remember "Just Work them, let the computer sort them out." Catch you down the log. 73! Bruce, K5PX

### --- OKDXA CONTESTING ---

*by Jim Hood, K5TT*

We are in the middle of the 1997/1998 contest season. The participation in Oklahoma has been bigger than ever. I want to thank those who took part in the ARRL Sweepstakes Contests and doubled our club score from last year. As a club, we scored over 1,200,000 points in the two contests. Based on last year's club scores, we would be in 12th place in the medium club category. That is up from 21st place last year. We can take great pride in this score.

We had a good showing of stations in the CQWW SSB Contest also. Those scores will be combined with the scores from the CQWW CW Contest on Thanksgiving weekend to arrive at the Club score. I know several members are planning big efforts in the CW Contest.

Thanks to the following stations/operators for participating and listing the OKDXA as their club affiliation!

CQWW SSB: AA5CK, K2BA, K5YP, AA5HV, NJ5S, K5TT, NA5B (op'ed by NA5B and W5AO)

Sweepstakes CW: W5UDA, K2BA, AA5HV, K5KA, K5YAA, K5YP, KA0RNY, AB5I (op'ed by AB5I, KJ0W, and K5TT), NA5B (op'ed by NA5B and W5AO).

Sweepstakes SSB: AA5HV, K5KA, K5YAA, KA0RNY, NA5B (op'ed by NA5B, W5AO, and K5TT).

If you would like to participate in this Club activity, please drop me a note. Have fun!

### THE CONTEST CONTINUUM

*Building a Contest Station, cont.*

*by Coy Day, N5OK*

My plans were to put the old 204BA on the mast 15 ft under the 40 meter beam. After doing some calculations, I found that it didn't have any more gain than the KT-34XA that is at that same height on the other tower. The new ARRL Antenna Book has an article on how to redesign the 204BA using computer modeling. I thought that I might do that until I found that you don't really improve the forward gain. It does improve the front to back however. The problem is that it shifts the elements to one end of the boom and creates wind loading and center of gravity problems which have to be compensated for. I thought about extending the boom and making it a modified 205CA but, that didn't improve the forward gain either. At this point, I'm still looking. I could buy one of the new computer designed big name antennas but that \$1,000 plus would destroy my minimum cost contest station idea. Since I had 20 meters covered for the time being, I decided to concentrate on 80 meters.

I had originally planned to use quad loops since I have the two towers about 125 ft. apart. I could string up a nice 80 meter loop between them and it would be oriented Northeast/Southwest. I could

then drop a delta loop from the top rope supporting the quad loop and orient it northwest/southeast. I would have to use an inductance in the loop that I could short out to make it resonant on 75 meters. However, I really wanted an antenna that I wouldn't have to worry about going outside to switch or wouldn't have to string wire to relays to only have it work in limited areas of the band. That is when I ran across the idea of a log periodic dipole. Again the new ARRL Antenna Book was a lot of help with this. The next challenge was to see if I had enough space to string one of these big monsters up. After a considerable amount measuring the yard, I came up with a definite conclusion that maybe I had enough space. It was close enough that I had to build one to find out.

Stay tuned. I did build the log periodic dipole for 80 meters. I have some good news and some bad news. Next time!

----- SEC/TRES REPORT -----  
by Mark Byard, N5OGP

Greetings fellow-OKDXers! We've had a very successful membership drive during October and early November. Our 1997-1998 membership stands at 86! This is nearly 74% of the membership high of 117 at the end of October of this year. Believe me this is a good re-up rate! It is normal in any organization to lose members each year and to gain new members each year. This is happening. Also we normally will gain a few re-ups throughout the fall and winter as folks start to miss their C&E and realize they haven't paid their dues! ha Thanks for your support of the OKDXA!

----- OKDXA STUFF -----

• *Congratulations to our 1997-1998 OKDXA Ham of the Year!*

Past OKDXA President Jim Hood was named our 1997-98 Ham of the Year at this fall's banquet. Jim has served as our President for the past two years and has put a large share of his mental and physical energies into leading the Association. Thanks and congratulations Jim!

• *My personal "thank you"*

Your editor wants to personally thank our past President, Jim, K5TT, and our current President, Bruce, K5PX, for their hard work and planning in bringing off another great OKDXA banquet. If any of you have ever been involved in these types of things you understand the large amount of planning that is required.

I also want to thank our guest speakers, Bill Kenamer, K5FUV, of the ARRL DXCC, and DXpeditioner Frank Smith, AH0W. Both Bill and Frank donated a large amount of their travel expenses and a significant chunk of their precious time to make our Banquet very special and entertaining! Please make an effort to personally thank these two gents for their contribution! Here are their e-mail and postal addresses. Drop them an e-mail or a note expressing your thanks.

Bill Kenamer, K5FUV  
225 Main St  
Newington, CT 06111  
k5fuv@arrl.org

Frank Smith, AH0W  
5933 W Grovers Ave  
Glendale, AZ 85308-1101  
ah0w@primenet.com

Your Sec/Treas will be sending an official letter of thanks and the Association will be sending each speaker a gift as a token of our appreciation.

Both Bill and Frank expressed their enjoyment in attending. Bill said his favorite part was the informal nature of the meeting. Unfortunately, your Sec/Treas forgot to stress this to Bill and he wore a suit! Sorry Bill! ha

• *Thanks for the photos!*

Frank Smith, AH0W, was a busy fellow at our fall banquet. Not only was he one of our guest speakers but he kept his camera clicking as well. Bill sent a set of the pics he shot at the event. Many of these will eventually appear on our web site. Thanks Frank!

If other attendees shot photos and would like to provide some for the web site that would be appreciated!

• *Club contesting!*

Jim Hood, K5TT will be coordinating a new activity for OKDXA ... Club Contesting! We will be competing against other clubs/associations throughout the USA and even the world. This competition makes your participation and your score in the major contests very important. Even if you only have a little time to participate or are only able to make a few contacts, we need you points.

In general, all members scores are added together to arrive at the club score. If you are interested and did not get on my participation list at Ham Holiday, please send me your call by e-mail

k5tt@contesting.com

or by phone at  
405/732-6131,

or by mail at  
11623 Smoking Oaks Drive  
OKC, OK 73150.

If you do so, I will place you on the information distribution list. I think this will be a fun activity and hope that you will participate. Jim, K5TT

• *VK0IR Video still available for loan to OKDXA members*

The VK0IR video is still making its rounds among the OKDXA membership! If you would like to view the video please drop me an e-mail, a note in the mail, or give me a call and I'll put you in the queue for viewing.

Our procedure is to daisy-chain the queue ... the last viewer mails it on to the next in the queue, and etc. There is no need for it to come back to me each time; that would waste postage. So when the video is coming to you, you will also receive the address for the next viewer. Just package it securely and ship it on. It is a GREAT way to spend 55 minutes.

Currently we must limit viewing to OKDXA members only.

• *E-mail update/changes*

Here are this month's changes and/or additions to the OKDXA e-mail list.

Bromley, Jay W5JAY  
w5jay@cei.net  
Vandagriff, Tim WA5YOM  
wa5yom@ardmore.com

If you are a member of the OKDXA and you have an e-mail capability (and you wouldn't mind having it published in this NL) please e-mail it to your Editor, N5OGP. Thanks!

#### ----- MISCELLANEOUS -----

• *What is an "Elmer"*  
by Coy Day, N5OK

Some of the new folks around may not know what an Elmer is, so I thought I would put down a few words on the subject. The best way to tell about an Elmer is probably to describe one. If I start with my Elmer and describe him, that should be a good start.

My Elmer was W5VZU, Robert E. (Bob) Kelley, my uncle. Bob was a WWII hero. He fought at Normandy, at the Maginot Line, the Battle of the Bulge, the Ardennes, and etc. with the 3rd Armored Division. He never talked about it but he did display his medals proudly. He was a code operator in a communications half track. When he came home from the war he moved away from the city to the farm. He was a little bitter about the war and about the dear John letter that he received during the war. He never married.

Bob was my favorite uncle. I spent several summers visiting him in the Boston Mountains during the years 1946-49. He was always into neat things. We spent many hours in his dark room developing pictures. At other times we would be tinkering with electronic gizmos of one sort or another, or maybe just picking wild berries.

Bob moved back to Oklahoma City in about 1950. He lived about a mile away and for me that was super. The day he bought the Hallicrafters S-38B was one of the greatest days that a ten year old could imagine. It was new in the box and I had never seen anything like it. We spent many nights setting around that radio listening to far away mystical sounding

places. Radio Peking, Uncle Joe's Juke Box, and the kookaburra bird from down under are just a few of those I remember. We also spent hours listening to hams. Some were on AM others were using the Morse code. I couldn't copy it but I watched over Bob's shoulder as he wrote each letter. All block letters, by the way, just like they taught him in the military.

Bob befriended some of the hams in the area, who encouraged him and in 1951 he took the test and became W5VZU. Then the real fun stuff started. We built a crystal controlled transmitter, strung antennas through the trees and away we went. Bob continually upgraded his shack by adding things along until he was working the world. His favorite band was 15 meters. I kept watching over his shoulder.

I was hooked. I could learn the electronics and was able to build all kind of electronic gizmos, a couple of which nearly killed me. My problem was that I just couldn't copy the code. Bob didn't give up on me. He built a couple of different code oscillators and spent hours sending code to me. Some of my friends became interested and we all worked together at it. Some of them didn't have any problem with the code and went right on by me. I just couldn't get it; it was worse than learning a foreign language. Bob continued to encourage me and when I mentioned taking electronics in vocational education, he seconded the idea.

It just so happened that the Vo tech teacher was also a ham, Lee Fish, W5AZ. He volunteered to help any of us that wanted to be hams. That was all it took. Studying code at school with Lee and on the weekends with Bob, I finally copied enough to get my novice license. In 1957 I became KN5LMG. That was one of the proudest moments in my life. After all I had only been working on it 6 years and then had to wait 3 months for the license to come in the mail. Bob helped me celebrate this occasion as well as my first contact. He helped me build a better transmitter, loaned me a receiver, helped me design my antennas and gave me connectors and cable to hook everything

up. He also helped me design my first QSL card and showed me how to use the QSL bureau. He managed to wrangle us rides to the Oklahoma City Amateur Radio Club each week, where we met other hams and got involved in a lot of club activities, of which, Field Day was the most memorable.

So what's an Elmer? I don't know that I can put it into words. I had thought that it was someone that was always there to share your experiences with and to encourage you when things weren't going well. Unfortunately, I was wrong. I lost my Elmer a few months ago and I really miss him. I don't have him around to help me celebrate getting the second tower up, talk about the great signals coming in on 20 meters or the neat contact I made the other night on 40 meters. Somehow, I would like to think that Bob went on to be an Elmer for someone in the hereafter or just, maybe, God needed a good CW man.

• *Lone Star DX Assn elects new officers...*  
The Lone Star DX Association announces the election of 1998 Directors:

Chief Director  
Bob Alexander W5AH  
w5ah@dxer.org

Membership Director  
Bud Walton K5HW  
bud\_walton@aud.alcatel.com

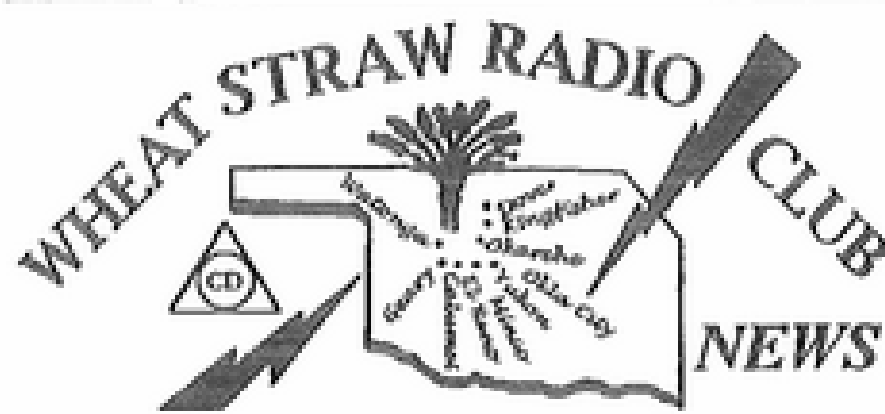
Information Director  
Herb Blair K5IDX  
k5dix@dxer.org

Program Director  
Bill Priakos W5SJ  
w5sj@juno.com

• *CQWW QSL routing*  
Please remember this excellent site from EA5EYJ. He maintains an unbelievable list of all CQWW contest QSL routings.

<http://www.arrakis.es/~ea5eyj/>

• That's all this month. Until the November issue ... 73 de N5OGP sk



## Wheatstraw Amateur Radio Club

### Meeting minutes

November 9, 1997 meeting was held in Watonga in the Watonga State Bank community room. Meeting was called to order by Johnny, K5GBN.

The minutes of the October meeting were read with no additions or corrections. Ralph, WA5PFK announced that anyone is welcome to attend the Christmas Dinner, but they must make reservations by December 10<sup>th</sup>. The cost of the dinner for each person is \$8.60 for dinner, coffee or tea with tax.

Nominations for 1998 officers were made. The elections will be made at the December meeting. Other nominations can be made from the floor at the time of elections. They are for President: Johnny, K5GBN, by Wanda KC5GTW. No one was nominated for vice president. Different members were talked about which one would make a good vice president. Then it was passed over until next month. For secretary and treasurer Joe, WA5FLT was nominated by Wanda. For reporter Olive, N5IXN nominated Ralph, WA5PFK. This is one time Ralph would like to loose the election.

For the balance of November and to December Ralph, WA5PFK volunteered to be net control for the club. Johnny, K5GBN and Olive, N5IXN volunteered to help when needed. Or any time.

Leo, WZ5H made a motion we adjourn for refreshments, seconded by Ernie, KC5VKF. Meeting adjourned for soft drinks and lots of all kinds of goodies.

### Christmas Day by Burton Smith

We dear Lord, on Christmas Day, Do bow  
our heads, and humbly pray.  
We give our blessed thanks to you, for  
your teachings, wise and true.  
We ask for peace for every creed, for love  
and peace are much in need.  
Let hardest hearts soften, on this day.  
Help some lost soul to find its way.  
On this day, around this tree, we feel  
nearer, dear Lord to thee.  
We thank you Lord, one and all, for each  
gift, large and small.  
Tis not the cost nor the size that brings joy  
to brighten eyes.  
But when given with wishes true, we can  
ask no more dear Lord of you.  
This tree in your memory did we trim,  
with lights of every color, bright and dim.  
The lights that shine upon this tree, tells  
the story, dear Lord of thee.  
Tis the story of your birth and life, of your  
teachings, your grief and strife.  
Of how you suffered, and died at Calvary,  
for sinners like others and me.  
Now dear Lord, we will end our plea.  
No, no, one more wish we ask of thee: If  
you find it to be your blessed will, let us  
gather here next Christmas Day.

### Donkey logic

One day Farmer Jones bought a Donkey.  
But Farmer Jones found he couldn't get  
the donkey into his barn because its ears  
would hit the top of the door, at which  
point, the Donkey would stop and refuse  
to go any further. So, not to be outdone,  
Farmer Jones cut a big notch above the  
door so the Donkey's ears could pass  
through.

A next door neighbor who'd been  
watching all of the goings-on asked  
Farmer Jones why he didn't just dig a  
trench in the dirt floor. "Because it wasn't  
his feet that were the problem," replied  
Farmer Jones, "it was his ears!"

### The Mule that sipped Granny's All Purpose Tonic

Fritz and his loyal Mule were walking  
slowly down the road when a friend pulled  
up and graciously offered him a ride into  
town. Fritz accepted, as they drove away,  
the Mule ran along behind. As they  
reached 55 miles per hour, the Mule kept

pace and continued to do so even as the  
truck approached 70 miles per hour. "I'm  
worried about your Mule," the friend said  
to Fritz. "His tongue is hanging out."  
"Which way?" Fritz asked. "To the left,"  
replied the friend. "Well, then stay in this  
lane, he's fixing to pass you!" stated Fritz.

### Christmas Is Coming by Bess Michael

Angel hair and blinking lights, Tinsel  
rope and snowy nights  
Presents wrapped and carols played.  
Secrets kept and cookies made;  
Traveling wisemen from afar, Awestruck  
shepherds, guiding star,  
Blessed mother, meek and mild, lowly  
manger Holy child.

### Home for the Holidays by Dawn E. McCormick

Snow - filled roads, familiar places,  
Friendly Christmas smiles to share;  
Spruce and Pine sold by the roadside,  
Perfuming the winter air.

Early comes the December twilight,  
lighted windows warm the night; Little  
children singing carols, Wearing hats and  
mittens bright.

High atop the old church steeple, glows a  
cross for all to see, Heading home, a  
shining guidepost, While the snow falls  
silently.

Down the road a lamppost beckons, At the  
house I hold so dear; On the door a wreath  
of welcome, Greets me as it has each year.

### Giving Thanks

by Virginia Borman Grimmer

Thank you, GOD, for blossoms rare,  
Home and hearth, your loving care, And  
the beauty of our land, Natures wonders,  
Oh so grand, Kids and dogs and  
butterflies, sunshine streaming from the  
skies, Gold horizons, stars so bright in the  
diamond - studded night, Vivid autumns,  
springs soft hue, Icicles and summer's  
dew, Nesting birds, a mountain view -  
LORD, you have our thanks anew.

If you love life, life will love you back. Wear  
a smile so if you laugh it will not crack your  
face.

Merry Christmas

Ralph, WA5PFK

### *FCC Amends Form 610 and RF Safety Power Chart*

Beginning January 1, 1998 a new form 610 (Application for Amateur Operator/Primary Station License) will be required on all amateur license applications. The form 610A (Application for Permit of an Alien Amateur Radio Licensee to operate in the United States) And 610B (Application for an Amateur Radio Club, RACES or Military Recreation Station License) have also been amended.

#### *97.13 Restrictions on Station Location*

(C)Before causing or allowing an amateur station to transmit from any place where the operation of the station could cause human exposure to levels of radio-frequency (RF) radiation in excess of that allowed under 1.1310 of this chapter, the licensee is required to take certain actions. (1) The licensee must perform the routine RF environmental evaluation prescribed by 1.1307(b) of this chapter, if the power of the licensee's station exceeds the following limits:

Wavelength Band	Evaluation Required if power (watts) Exceeds -
160 meters	500
80meters	500
75 meters	500
40 meters	500
30 meters	425
20 meters	225
17 meters	125
15 meters	100
12 meters	75
10 meters	50
VHF All Bands	50
70 cm	70
33 cm	150
23 cm	200
13 cm	250
SHF All Bands	250
EHF All Bands	250

Repeater Stations All ands - Non-building mounted antennas height above ground level to lowest point of antenna \* 10 m and power\* 500w ERP.

\*Power = Power input to antenna except exclusion is based on ERP (Effective Radiated Power).(From W5YI Newsletter)

### *A Heart with a Helping Hand*

Leo Peil was born June 25, 1920 to Fred and Rosa Peil at Homestead, Oklahoma. His mother passed away when he was only three years old.

Growing up to manhood, he married Darla Bedwell, Jan 3, 1942. To this union their daughter Vicky was born, now living in Kingfisher, Oklahoma.

When Vicky was six weeks old, Leo went to serve our country in W.W.II landing in Normandy, France, on Utah Beach on D-Day, June 6, 1944. Receiving an Honorable Discharge in December 1945 he headed home to his family in Canton, Oklahoma.

Leo went to work as a heavy equipment operator for a period of 34 years. Twenty-five of those years Leo worked for the Corp. of Engineers, operating many types of heavy equipment.

In 1982 tragedy struck, Darla passed way after 40 years of marriage. Later on Leo married Darla's best friend Ann. After 14 years Ann passed away September 6, 1996.

When Ann died there was a great sadness in Leo's heart again. Fred, the father always taught his sons hard work, and earn their way. Leo always had time to reach out to people with that helping hand. Leo has taught and helped teach several ham classes. February and March of 1997 Leo had another class, starting with 18 students, as classes progressed some had to drop out. Ending up with 12 students, 8 got their Tech, 2 Tech Plus, and 2 upgrades. Some of his students drove up to 70 miles one way to attend.

Leo's hobbies are teaching ham classes, fishing, and camping. He is a member of the ARRL, Wheatstraw Amateur Radio Club, the Christian Amateur Radio Fellowship (CARF) 10 - 10 Radio Club, and with accreditation's in both the ARRL and W5YI VE sessions. A member of the American Legion, VFW a two cylinder John Deere Club, and Secretary of the Christian Church in Canton.

### *The Wild Turkey*

*by Linda, NILPN*

This is a true story...About 15 years ago a good friend and her husband were able to make their dream come true. They bought 15 acres of land in the Texas Hill Country and were in the process of building the stables for their three horses before winter came. Her husband had been getting home before everyone else did from work and would work on the stables.

One day he came home and could not believe his eyes. There sitting in a tree by the partially built stables was the biggest turkey he had ever seen. He slowly went inside the house and got his shotgun. Quietly, he walked toward the tree but got only close enough for a good clean shot. He raised the gun and killed the bird instantly.

He was so proud of himself that he called his wife and told her the news. They had been told wild turkeys could be found all around the area, and he just shot one. She told him he killed it, he clean it. So, he set about the task before him.

When his wife arrived home, she found him plucking feathers from his turkey. She looked at the feathers more closely and asked to see the whole bird. Her husband held up his prize and she just shook her head. He asked what was wrong, he planned to eat it. Country code of hunting, you do not kill it without planning to eat it.

She looked at him and said we can't eat that! That's not a wild turkey, it's a Peacock! You can't eat Peacock! She had to get a second opinion before he agreed they couldn't eat the bird and that it was not a wild turkey but a Peacock.

Later that evening when the rest of the family got home, they buried the poor thing under the tree it had been shot out of. Her husband, as far as I know, has not shot at anything unless he was sure what it was first. A lesson worth remembering during the hunting season for all who enter the countryside in hopes of bringing home meat for the table.

## Specialty item...That's me!

by Linda Miller, NILPN

I do not remember being made, I guess that is because no one had powered me up yet. My first moments of awareness came when some large creature was sticking these metal probes inside me. The probes were hooked to some kind of box with all sorts of lights and made sounds each time they were moved to a different spot. Boy, were those probes cold! It was soon over and I was being put back together. I had a hard shell, a long thing sticking out of the top of me, keys with numbers and a few letters on my front, and a power box that was attached to the lower part of me. Before I was able to discover more about myself, blackness descended.

My next awareness of being was finding myself on some shelf next to others made like myself but yet different. I could see all sorts of things from my vantage point. Creatures like the one who woke me the first time were walking around everywhere, I was in a very large room full of wonder.

The main attraction seemed to be the large gray boxes with all the different lights and colors. It also had keys like I did but they were on a separate flat piece which was attached by a cord and it had so many more keys than I. I was surrounded by all shapes and sizes of boxes and many sat on shelves like me but were located throughout the room. I had no idea what I was, why I was here or what was my reason for being.

The box next to me welcomed me to the store, that's what the room I was in called. He was called a scanner and said that scanners never stay long on the shelf. He had only been out on the shelf for about a week and already thought he might have a home soon. A lady, that is what the large creatures that smell good, smile and speak softly are called, had came by twice that very day and held him. That was a very good sign he said.

Now, I was another matter, he said. I was what they called a 'specialty item' and

could only find a home with someone who had a license to operate me. Everything else in the store did not require a license to operate it. I was in for a long stay he informed me. He talked to me for a long time, telling me everything he knew about the store.

Later that day, the scanner was taken and packed up. The sweet smelling lady took him outside in a bag with her. Soon another scanner was placed next to me. This scanner did not like to talk and so I sat and watched what went on around me.

Days became weeks and turned into months. I could count on my keys how many had asked to see me. I had lost count of how many phones, computers, pagers, remote toys and everything else on the shelves found homes while I remained behind. I began to wonder why I was even made. I had learned so much about the world I had been placed into and tried so very hard to understand. Yet why was I called a 'specialty item?' I stopped measuring time and learned to accept my fate. Maybe, I was meant to watch the store and nothing more.

I noticed a young man one day standing in front of me, just looking at me as if he could not believe that I was really there. From experience, I had discovered the fact that men were different from ladies. Men have a habit of pushing, probing and checking you out from top to bottom. They smell of the earth, and their hands are rough. Ladies are very gentle and treat you as if you might break. Still, I seem to attract a man's attention more than a lady's. So, I wonder what this young man has in mind for me...Why did he keep staring at me?

He asked to see me and wanted to take a closer look. The clerk brought me down off the shelf and handed me to the young man. The clerk told the young man I had just been placed on sale. The young man was too busy just holding me in his hands to pay attention to what the clerk was saying. His name was Roger he told the clerk.

Roger pushed some of my keys, listened and pushed some more until for the first

time sound came out of me. People were talking and they were laughing and saying, "hi," to each other. I never knew I could do this. I had never heard any of the other stuff in the store do what I was doing. It sounded like the people were right in the room with us. This was great!

Roger brought me up to his mouth, pushed another button and started talking. He let go of the button and the next thing I knew someone answered his question. Roger, handed me back to the clerk and asked how much?

I was wrapped up and placed into a bag. I now was leaving with Roger from the only home I had known. As soon as we were outside, Roger took me out of the bag and unwrapped me.

He looked at me with wonder and pride. He again brought me up to his mouth and called someone. They answered and from their conversation I found out what I was and why I was special.

See, I am what is called an HT, a hand held radio, and have the abilities to transmit voice through the air to another HT or radio on 2 meters. What makes me special is that the only persons allowed to take advantage of my full potential are those who have the skills and have studied the required books. Their knowledge is tested by taking an exam and if they pass, they earn a license to operate me issued by the FCC.

Roger had received his license in the mail that very day and he picked me to be his. I go everywhere with him. I am still learning about myself and all I am capable of doing. Who would have thought, I am special! I am the other half of what makes an Amateur Radio Operator whole. I guess that makes both of us a specialty item, we are not complete without the other.

*(note: I came up with this story, back in October, while washing dishes. I hate washing the dishes! I am aware that this is the first time I have written a story in this style for you and hope you like it. NILPN)*

## Altus Area Amateur Radio Association

Well the annual Christmas meeting and dinner for the Altus Area Amateur Radio Association will probably be history by this edition of the *C&E*. This year's event will be (or was) held at Luigi's restaurant in the thriving metropolis of Blair, OK. I guess John, AB5WQ wanted it held in his home town so he wouldn't have far to drag home all the door prizes that he always wins. Between John and Ed, KC5IVY, there must be enough radio equipment inventory to stock a small Ham outlet center. Maybe next year we'll hold the event at John's house and that way everyone can walk away with a piece of ham gear.

Now rumor has it that Doc, KM5IO has got the Packet bug under his cap. It's not so bad hearing about all them fish stories on the radio and in person, but if we have to start READING about them on the computer screen by way of packet, that should be considered cruel and inhumane punishment on any radio operator. Once nice thing about it though, when Birtie, KC5OAG brags about the size of the fish that she caught, she won't be able to show anything larger than what will fit across the monitor screen. Now see Birtie, a 22lb fish may make for a good tale, but it still only gets to be limited to the 15 inch length of my monitor screen. YLs and their fish stories, that would be like hearing Dottie, KC5EEO on the HF bands... hard to believe what you hear all the time, but I tune up my receiver with all their lengthy transmissions.

On to bigger and better things for the coming year of 1998. Folks around the Altus group will have to start encouraging Tonya, KD5BNN about taking over the editor's job for the association. All that invisible ink that Dave, KC5SII has been using this past year is getting hard on my eyes. Tonya has been hinting that she might be able to get a few things sent in to Linda, NILPN each month for the *C&E* publication if the Altus folks will help her

with ideas. Now I know that between Jim, N5UJB and myself, there ain't a whole lot of active brain cells being used, but if we can find some words to jot down each month, then the rest of the group can come on line and help Tonya keep the Altus club name in the paper every month. I'd like to hear some history on the radio trials of folks like Joe, W5CCV or maybe even James, AB5FS. What's Annie, KA5YWY think about Ham radio or Ruth, KC5NAY? Does Yvonne, KC5JXJ really know how to bake cookies or were those just store bought treats that we had at the picnic? Does Ed, N6UHO really have to keep his hat in place with scotch tape and will Bob, KC5CNC ever get that truck of his waxed? The list goes on and on from Burns Flat to Tipton and from Duck's corner to Duke. Shake the bushes out there and let's hear about the folks that key up once in awhile. I'm still trying to find Johnny, KM5HN on the HF bands and with my luck, I'm gonna run into Dottie running nightly nets on 40, 75, and 160 meters this winter. Me, I've got some antenna raising to do down in North Texas and new Ham shack to start working on. How's that Altus Hamfest-98 coming along? We have a great resource here with the monthly *C&E* publication, so let's start getting the word out about the happenings and going ons here in the southwest corner of the Sooner state. I'll wrap this up for now and get on with my Christmas shopping. I have to get out to Wally World and find Al, AB5WK a new coloring book. I got him one last year and told him only to color inside the lines, but he didn't listen to me at all. Get on .79 and tell Gene and Jane to be sure and enjoy the coming Holidays ahead and from my new QTH to all of you, Have a very Merry Christmas Season and the best of wishes for a Happy New Year filled with many blessings to all! From the North Texas keyboard of KK5ZB, frequency not in use is of no value to anyone! Pulling the plug until next time, Santa's little helper down south,

Mike



## More on pirate raids

A third pirate radio station was taken off the air in Tampa Florida when the government raided two others on November 19th. Kelly Benjamin who operated an unlicensed station on 87.9 MHz from nearby Seminole Heights was also hit when federal, state and local authorities raided unlicensed stations owned by Arthur Kobris and Doug Brewer Benjamin called his station 87 X and broadcast using the name Kelly Kombat. In addition to losing all of his station equipment, Benjamin was arrested on state charges of possessing marijuana and drug paraphernalia.

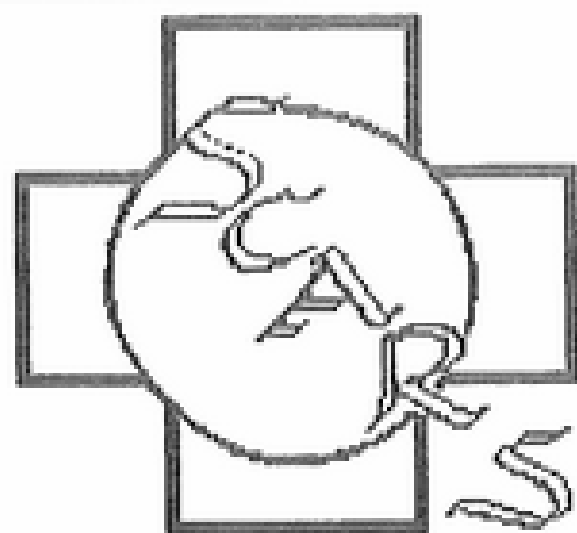
Doug Brewer, who operated The Party Pirate from his home could only watch as U. S. marshals rolled electronic equipment into a Ryder truck parked in his driveway. Brewer said he was awakened at 6:30 AM by armed U. S. marshals who handcuffed him.

Agents seized equipment from his home studio and gear from his remote van. They also dismantled and hauled away his 150 foot tower. Some of the equipment taken belonged to other groups, including links for a pair of area ham radio repeaters.

Known on the air as Craven Moorehead, Brewer has taunted FCC officials on and off the air. He refused to pay a \$1,000 FCC fine and Web page contains photographs of agents outside his house measuring the radio signal.

Meantime, this latest FCC enforcement action has drawn praise from the broadcast community. Drew Rashbaum, vice president and general manager of five radio stations, including WHPT in Tampa lauded the raids and seizures. Rashbaum says that he is the person who filed the complaint against Brewer last year.

While the FCC refuses to comment, most in the broadcast industry believe that raids like this will continue for some time to come. This as the government acts to remove every trace of unlicensed radio broadcast from the airwaves -- that it can. (Via published news reports)



## South Canadian Amateur Radio Society

Minutes - Regular monthly meeting of November 8, 1997

The November meeting of the South Canadian Amateur Radio Society was held on Saturday, November 8, at the Red Cross Building in Norman. The meeting was called to order at 9:30 am by club President, Mike, KC5GRZ.

### *Repeater Report:*

(Ken, N5BEW) Ken was unable to attend the meeting, so we had no repeater report.

### *Treasurer's Report:*

(Sara, KC5ABA). Sara reported all is well with the club treasury. Club members voted to authorize \$100.00 for the Christmas party coming up on December 16 at Furr's.

### *Elections:*

Annual elections were held, and the following members will be assuming their corresponding offices effective at the next regular meeting:

President - Dennis McCarthy, KC5EVH  
Vice President - Don Byrer, KJ5KB  
Treasurer - Jeff Wyke, KE5EB  
Secretary - Del Ennis, KC5LKT

Our Sincere Thanks to outgoing President Mike Divilio Jr., KC5GRZ, for his dedicated service to the club!!! Thanks to incoming President Dennis, KC5EVH, for his willingness to assume the responsibility of the position. Yours truly (Jeff, KE5EB) will be moving into the Treasurer's office, and Del, KC5LKT, has

offered to take the office of Secretary. Thanks, Del!

### *Ham Radio Classes:*

Don, KJ5KB, announced that arrangements are being made to start classes on the second Monday in January (Jan 12), with the classes to culminate with a test on the first Monday in March. The location for the classes has not yet been determined. Stay "tuned" for future announcements. The club voted on, and approved the purchase of six study-guides for the classes.

### *New C.O.R.A. Representatives:*

These members have volunteered as representatives to C. O. R. A:

Steve, W5BIV  
Mike, KC5GRZ  
Del, KC5LKT (alternate)

### *Equipment Report:*

(Jeff, KE5EB). Repairs to the club's 2-meter rig have been completed, and I am happy to report that there was nothing serious wrong. All of the club equipment is now in great shape - ready for members to use and enjoy. Be sure to contact Don, KJ5KB, if you need access to the club radio room.

The meeting adjourned at 10:00 am.

Jeff, KE5EB  
SCARS Secretary

## WRC 97: Code to stay for now

Whether you are for or against codefree access to the high frequency bands, do not look for the worlds communications regulators to make it happen anytime in the near future. Perhaps not even in your lifetime. This because of what did not take place in Geneva.

Tabled for at least the next four years is consideration of changes to Article S25 of the international radio regulations. Article S25 contains the rules that are specific to the Amateur and Amateur Satellite Services. This includes the international commitment to the Morse code proficiency requirement for operation below 30 MHz.

The decision to put off any action on changing the code requirement has nothing to do with the desires of those who want to maintain the code or see it go. Their voices were not even heard by the delegates attending WRC 97. Rather, the decision was purely an economic one based on using the assembly's meager resources to benefit the greatest number of people. Ham radio in general and the Morse code in particular are not seen as being very important issues in a world that revolves around instant digital communications using satellites and the internet. As such, those hoping to see a codefree access to the high frequency bands for all license holders should not hold their breath.

While the delay in debating this issue has only been put off from 1999 to 2001, those who follow the WRC believe there is a very little chance it will be discussed then, or in the foreseeable future. Even if it were to make the agenda for 2001 and changes approved, it would probably take 4 to 5 years to get senate ratification of the revised treaty. Then another 4 to 6 years for the FCC to enact and implement new rules. This would put any codefree access to H-F off until 2012 at the earliest.

Also pushed back to the tentative agenda for the year 2001 is the possible realignment of the 40 meter band to resolve a conflict between hams and broadcasters in part of the band. This means that hams will have to live with the current 40 meter mess for at least another decade. We will have more on the outcome of WRC 97 next week.

*(Via various sources)*



## Ada Amateur Radio Club

The Ada Amateur Radio Club had 12 members and 2 guests in attendance at the November meeting. The November and December meetings are the two most important meetings of the year. This is when we nominate and elect club officers. The following nominations were made:

President - Scott, KD5AJL  
V. President - Robert, KC5SIS  
Dwight, N0RIW  
Secretary - Danny, KM5LB  
Treasurer - Finis, KC5YGB

A volunteer field day committee was established. Committee members are Scott, KD5AJL; Mason, WT5X; and Bill, KC5WBI. This committee will have the responsibility of coordinating all field day activities. The activities will consist of, but not limited to the following:

1. Finding an approved location.
2. Notify media of date and time of the event.
3. Assemble and erect a suitable inventory of equipment.
4. Acquire minimum shelter for equipment and operators.
5. Prepare and post a list of operators for each shift.
6. Provide food, water and if possible, comfort facilities for the operators.
7. Obtain a volunteers callsign, preferably an EXTRA class.
8. Coordinate the disassembly of the field day station.
9. Assemble, sort and make available to members all contact logs.

All members realize the magnitude of coordinating the above tasks, so we all pledge our full support so we can have another outstanding field day for 1998.

A 36 hour course will begin in January. The course curriculum will prepare an applicant for the Novice and No Code Technician written tests. The course is prepared from the text titled "Now Your Talking", this book is considered by many to be at the top of the list in subject matter at this level. This training will be very helpful for prospective hams and an excellent refresher for those already

holding a license. All interested personnel contact Mason, WT5X at 332-8924 for more information.

After a discussion by the members, it was agreed that a recommended minimum equipment list be made available for the volunteer operators and storm spotters. The list is only a recommendation, is optional and should be tailored to individual needs. A small overnight bag should be suitable to hold an appropriate hand held radio, spare batteries, flashlight, notepad with pencil, county and state map, small canteen of water, magnetic compass, plus any other items that the volunteer feels necessary. The bag should be kept partially packed allowing the operator to be dispatched with minimum delay.

Congratulations go out to Chris, KD5CCS for upgrading to Tech Plus. Chris has been keeping the airways hot with CW on 40 and 80 meters. Chris gave me the honor of being one of his first CW contacts. Chris is the youngest club member.

It's that time of year again, and we are asking all members to renew your membership.

Merry Christmas, Sam, KM5IY  
Secretary

### AT&T and ham radio

It's a lot more than just a big autopatch. American Telephone and Telegraph has decided to pour a lot of money into ham radio in northern Tennessee as a way of providing better emergency communications to the region.

AT&T has agreed to spend \$100,000 to set up VHF and UHF repeaters and antenna systems. It will also provide Kentucky amateurs an operating area at one of its cellular telephone sites. Other cell sites will be equipped with receivers and linked back to the repeaters.

The beneficiary in all of this is the Northern Kentucky Amateur Radio Club. Amateur Radio provided the only communications during the first four days of the "Great Flood of '97". The efforts of hams during this disaster gained the

attention and the respect of local government officials as well as that of AT&T.

AT&T had been looking at possible cellular telephone sites that were previously not available. Based on its new marriage with Amateur Radio, AT&T was granted an emergency communications status and was permitted to build the sites.

In addition to its agreement with the Northern California Amateur Radio Club, AT&T hopes to set up other Amateur Radio systems in South-West Ohio. It also suffered major flooding earlier this year.

It is estimated that the total investment in the complete amateur radio and cellular telephone marriage by AT&T will top \$300,000.

The result will be better emergency communications coverage in northern Kentucky, Southern Ohio and south-eastern Indiana.

*(Via Amateur News Weekly, AT&T)*

### Arizona jammer must pay fine

Meanwhile, hams in and around Phoenix, Arizona have learned that a man fined by the FCC for malicious interference and other rules violations has finally agreed to pay up. He is Timothy Harold Hoffman and in 1996 he was ordered to pay \$6000 for repeated violations, including interference to local repeaters.

The violations were called to the Commission's attention by the Arizona Repeater Association's ARRL sanctioned Local Interference Committee. After investigation, Hoffman was cited for five specific violations. These included transmitting on Amateur Radio frequencies without a valid operator or station license, and willfully interfering with radio communications.

But, it was not easy to get action against Hoffman. According to Lance Halley, KW7LH, it took a multitude of long distance calls by the committee, support from Commission personal, input from Congress, and even the White House, to get a Notice of Forfeiture and a federal court judgment in the case.

*(Via Arizona Repeater Assn.)*



## Edmond Amateur Radio Society

Hello again, can you believe it?! It's that time again. The chill in the air, the bell ringers at the doors of Wal-Mart (Boy, don't you feel sorry for them on some of these blustery days...), the lists - boy how the lists appear. A shirt for Grandpa, Beanie Babies for Lisa Marie, and an MFJ antenna analyzer for that someone special. (Does that say I Love You or what???)

As we fast approach this holiday season, we cannot help but be aware of all of our blessings. Sure, some of us are struggling with health situations that are very difficult, and some face ongoing financial struggles, but we don't have to look far to see others who are so much worse off than we are. We certainly see that around the world in other countries and cultures, but also here in Oklahoma, and in our own metropolitan area. Let's try to be sensitive to the fact that there are people hurting all around us - some need specific assistance in many varieties of ways, and there are others who just need a little encouragement, a helping hand, a phone call - some tangible evidence that someone cares, and that they matter. As we enter the last few weeks of this holiday season, there are those nearby who are grieving, who are hurting, and who are dreading the loneliness of this time of year. Remember those in nursing homes, or the neighbor down the street who lives alone, or the mother with small children who may have nothing special to give them this year.

Edith KA5YPX reports that plans are underway for the Christmas Dinner on Saturday evening, Dec. 13<sup>th</sup>. This will be a potluck dinner with the Club providing turkey, and guests bringing their favorite

side dishes and desserts. The cost will be \$6.00 for adults, \$3.00 for children 4-12 and children under 4, free. The proceeds will be deposited in the Bertha Watson Memorial Scholarship fund. We have heard rumors that we might even have a visit from ST5NIK. A basket will also be set out at the Nov. Club meeting, and the Christmas dinner, to receive donations for the Hope Center.

### Dates to Remember

December Board Meeting - Wednesday, 12/3/97 at 7:00 - Club Station

Christmas Dinner - Saturday, 12/13/97 - 6:30 PM at St. John's

January Board Meeting - Wednesday, 1/7/98 at 7:00 - Club Station

January Business Meeting - Sunday, 1/18/97 - 2:00 PM - St. John's

### Club Members, Meet Your New 1998 Board

President - Jim Richardson, N5OHL

Vice President - Steve Kuper, KC5RYT

Secretary - Sharon Thompson, KM5GV

Treasurer - Carl Shortt, KC5YKL

Board Member - Bob Coxsey, KM5GZ

Board Member - Curtis Foote, KC5GEP

E.C. - Ken Stepp, N5DBM

Trustee - Dee Mize, WD5FHR

Past Pres. - Jay Lytle, KB5VDH

### December Birthdays

Brad Kiespert, KG5UK	Dec. 6
Brian Kiespert, KB5ODR	Dec. 7
Buford Ford, KC5MXE	Dec. 21
David Hartman, KC5UNO	Dec. 21
Arlester Milligan, Sr. KA5YPH	Dec. 22
C.B. Weilbrenner, KD6FNY	Dec. 22
Judy Johnson, KC5SMI	Dec. 28
Sharon Thompson, KM5GV	Dec. 28
Richard Vinson, N5QIT	Dec. 30
Robert Anderson, KC5LXT	Dec. 31

### Welcome to our Newest Members

Dirk Wilhite, KC5SFE

Charles Alden III, KM5LE

### Scholarship Applicants

Just a reminder that applications are now available for the EARS 1998 Scholarship. This is a \$1,000 scholarship and is open to any high school senior planning on attending the University of Central Oklahoma full time in the Fall of 1998. The application deadline is February 28, 1998. Applications can be obtained by calling Joyce Wolf, KC5NBI at 340-7486

### Special Event Station

"CQ CQ This is Special Event Station KC5ORP Calling CQ CQ - QRZ?" Saturday, November 15<sup>th</sup> the 15 and 20 meter bands were alive with the call. KC5ORP was celebrating Oklahoma Statehood, and the 40<sup>th</sup> Anniversary of the Edmond Amateur Radio Society. Eleven participants had a blast that day, including three hams with brand new calls, who were graduates of this year's licensing class. They made a total of 44 phone and CW contacts, with the Club's Kenwood experiencing its first CW contact. Three of the contacts were DX (Canada, Ecuador and Grenada), with 18 U. S. States. Several new states were added to the Club Map, as we work toward WAS. Our contact with Ecuador was with Louis, HC5CB, a missionary in Cuenca, who carried on a QSO with each of those in the station at the time, an exciting event for those with new calls. When the day was over, we heard a few mumbling under their breath something about getting an antenna and rig ASAP. The bug bit hard that day!

### Licensing Exams

For those of you who want to upgrade, or who know someone who is after their first license, sample exams can be taken over the Internet at the following sites:

<http://w5AC.tamu.edu/ham-exam-v2/ham-exam.html>

(At this site, you can take tests on-line and receive your grade).

<Http://www.biochem.mcw.edu/Postdocs/Simon/radio/exam.html>

(This site also allows you to take exams on-line. It is also possible at this site to select E-Mail Exams, and request that an exam be sent to a particular email address.).

To receive exams by email when you do not have Internet access, send your email request to:

[exams@www.biochem.mcw.edu](mailto:exams@www.biochem.mcw.edu) In the body of your email, enter generate exam\_name (where exam\_name is the name of the test desired). For example, to receive a Novice exam, enter generate novice To receive more than one exam, add additional lines, such as generate

technician generate advanced etc. In approximately 10 minutes, you will receive a return email with a printout of the exam, with the answers charted at the end. Any diagrams needed to answer questions would have to be obtained from the ARRL study book question pool.

### CALLING ALL STORYTELLERS

I know you're out there!! I know that each one of you has something to share that would interest us, inform us, entertain us, educate us, or tickle our funny bone. Think about it! You have either had an interesting and comical happening you could share, or you have learned a valuable lesson, or learned something technical from which we could all benefit, or you have heard something funny, either ham-related or not, that we would find fun. Please, let us share in your wisdom, your knowledge, your sense of humor, your storytelling skills, or whatever you would like to share. Come on - It will be fun. If you have something you would like to contribute, please contact Sharon KM5GV by mail, or my email address is Sharon\_Thompson@Capitalland.com - Looking forward to hearing from you.

### TWAS THE NIGHT BEFORE CONTEST

'Twas the night before Contest  
And all through the shack  
I was checking my coax  
Before hitting the sack.  
The dipoles were hung  
From the chimney with care  
With anticipation  
Of getting on air.  
Ma had advised me  
The weekend was mine  
So I had permission  
to CQ and 5-9.  
I was just settling down  
For a long Winter's nap  
When something excited  
My vertical Gap.  
The glow in my room  
From the 6LQ6  
Made me eager to start  
And to get some DX  
The Drakes how they rustled  
With frequency hash.  
At UTC Zero  
To the shack I will dash.  
It's December, and all

Through the world they will chatter  
On 28 Megahertz  
Oh my, what a clatter.  
More rapid than eagles  
Their CQ's will come  
The keys and the paddles  
Will make fingers numb.  
Signal reports  
Will ring out in the night  
A 5 and a 9 is always just right.  
On Russia, On Chile,  
On Utah and Maine  
On Ghana, On Cuba,  
Australia and Spain.  
The pile-ups, the call signs,  
the QSO's they'll buzz.  
Some copied so clearly  
Some pulled from the fuzz  
And soon it will finish  
My voice will be hoarse  
My ears will be ringing  
QRM is the source  
My points they will multiply  
My log is complete  
To the A Double R L  
My score will compete.  
And though I'm exhausted  
You'll hear me exclaim  
*Merry Christmas to all -  
to your families, the same.*



### HAM HIGHLIGHTS

Well, it's time to once again introduce a Club member to you, and this month, we're in for a treat. Any of you who know Judy will know what I mean. Judy Johnson, KC5SMI has been a member of EARS since 1995 when she completed one of our famous Fall Licensing Classes and obtained her Technician Plus license.

Judy is retired and lives in Edmond. Her son, Eric lives in OKC. She may be

retired from working, but definitely not retired from activities. Judy is a lady full of interests and enthusiasm, with a sense of humor that never quits. And as you read on and learn more about her, keep in mind that she does all these things without the benefit of sight.

Judy is a delight. When I first met her, I was totally taken aback by her eager, can-do attitude. When I first entered her home, I saw the piano and learned that Judy plays by ear, and has taught piano over the years. Music is her forte, as she was a Voice Major at Oklahoma College for Women in Chickasha. But, wait, I'm getting ahead of myself.

Judy describes her childhood like this. "The whole world seemed to be pretty frightened at the birth of Judy Johnson, since the stock market crashed that year; on the other hand, I thought that stock was what walked around our pasture on four legs.

"People in my family were sharecroppers who had come from the mines around Pitcher, OK and Webb City, MO. The mines were starting to close, and we all needed work and food on the table. I was taken to a special school for the blind in Muskogee when I was five, and it was at that time that I realized that I was blind." It must have been tough for a little five year old, pulled away from her family, thrown into an entirely new environment. She was homesick, but money was scarce and transportation was poor, and she only saw her family in the summers. School was very strict. She soon made friends with the other children, and they began to form a "family" of their own, which lasts till this day. Friendships like that grow deep and last a lifetime.

"The summer before I graduated from high school, I sang at church revivals, trying to earn money for college. I really enjoyed that summer because many times after the program was finished, I had a date who was just as eager to go dancin' as I was, and I could really shake off the cares of the world." (Judy was one of those jitterbugging teens of the '50s).

"Things had gone from bad to worse at home, but I was not ready for the loss of my father to a car accident, and the farm to a fire, so there was no place to go but to college." Judy went to class, dragging her Braille writer along, to prepare notes and take tests. She later married and had her son, Eric, who is also very musical. Judy's husband was an insurance agent, and she spent her time giving piano lessons and tutoring students who were behind in their classes, as well as being a rate clerk in the insurance office. Judy's excellent memory enabled her to spout rates for a multitude of situations, to the amazement of those around her. She later worked also as a medical transcriptionist in a hospital. She is currently active in the Retired Seniors Volunteer Program. She has several people whom she calls once or twice a day to check on, just to make sure they are doing okay and be sure they aren't needing some assistance. Judy is a very spiritual person, and desires to be an example of what she believes.

Let me allow Judy to tell you now about her best buddy. "I must introduce you to a very important character in my life at this time, who gives me as much devotion as she gets from me. She is my guide dog, Hickory, for whom I have an abundance of love and respect, as well as awe. She came to live with me after I retired, and really felt the need of a companion. She certainly is that. She is a Yellow Labrador Retriever, mischievous and very affectionate. She often tries to make me think I'm back at the right house, when she stops me at the neighbor next door, who just happens to have a dog! She answers to a variety of pet names - The Hickster, Hickmeister, Gigobyte, or whatever else comes to mind." (Hickory has her own Call - K9HIC. Ed.)

Many of us in the Club have gotten to know Hickory, and she is really a sweetie. I notice that when others are around, she seems to know that we will take care of Judy (obstacles, stairs, curbs, etc.), but when Judy is by herself, Hickory instinctively knows Judy is counting on her, and she comes through with flying colors. She is so friendly that Judy used to wonder just how good a guard dog she would be. Well, all doubt was erased the

day a policeman came to Judy's door for something. Hickory let him step in unchallenged, but beyond the threshold, he couldn't take another step, as she growled and let him know she was in charge.

We asked Judy if there was something that would surprise us to learn about her. She told us that at one time, she was involved in a crop dusting business. They had a two-engine BeechCraft plane, and one day she had the opportunity to fly it herself! (Whoa, Judy!!)

She also shared her panic, when one day the door on her side flew open in mid-air, and she had to grab hold of her seat until the plane landed safely in Guthrie.

Judy is enjoying her budding ham career. She has a Kenwood 440S and operates voice on 40 meters. Her antenna is a G5RV, skillfully installed on the two-story roof of her apartment building. Judy first became interested in amateur radio about 30 yrs. ago through a blind friend, Travis Harris. But at the time, she didn't know how to go about pursuing her interest. Then, in 1995, Radar Rick Tasetano N5KLM, announced the EARS Licensing Class, and the rest is history. Last year, Judy was the star of the Club's General Licensing Class, and she upgraded in March of 1997. You should have seen her spouting out that QSO from memory at 13 wpm. Way to go, Judy!

Judy has participated in several of the Club's events, acting as Net Control for this year's 4<sup>th</sup> of July Parade. She also served on the 1996 Nominating Committee, and is one of our faithful Calling Committee.

Asked if there was something she would like to see happen, she said she would very much like a study partner for the Advanced License. She feels she will learn and absorb more if she has that interaction, rather than just listening to the study tapes. Anyone out there wanting to upgrade to Advanced who would like to study with Judy? I can vouch for the fact, she is a terrific student, studies hard, and has a memory like you wouldn't believe. When asked about her goals, she shared, "I sincerely hope I can

achieve my Extra Class license, but Hickory, who is really a sage at heart, tells me that the journey I take is just as important as my destination."

*I'd say that Hickory is quite some pooch, what do you think? Thank you, Judy, for sharing your thoughts and giving us a glimpse into your world. So, folks, if you haven't had the opportunity to meet Judy, look for her at the Christmas Dinner. You'll recognize her - she's the one with the cute, blonde (if somewhat hairy) companion.*

*See you all next month. A very Merry 73 to all Sharon KM5GV*

### Health/Welfare Report

Frances, mother-in-law of Ron McCubbin, KC5QCV has had bypass surgery. She is progressing well and will be moving into Timberlane Manor very shortly. C Weillbrenner's Father, C Sr. has had a series of strokes. However, he is at home again and we wish him well. Bob Hebert, N5SAG recently had exploratory and repair surgery and is progressing nicely. He is having some other problems and will be checking those out when he fully recuperates from the surgery. Bill, the brother of Brad Kiespert, KG5UK is currently in Baptist Hospital in critical condition. He has several serious conditions, and is also recuperating from pneumonia, but is making some slight improvement. Robert Thomason, N5IJX had some outpatient surgery Thanksgiving week. All these families have requested our prayers. Please remember them in your thoughts and prayers.

73 de Clara KG5UG

*(We would like to offer our deepest sympathy to Clara, KG5UG; Ed, W5EDX; and Kyle, KB5KIU in the loss of their loved one, Abe DeSalvo (Clara's brother). Please keep her family in your prayers. Ed.)*

### UCO Homecoming

Well, it's about time I told you about the UCO Homecoming Parade. It all started at 7:00 AM September 27<sup>th</sup> at the UCO library. I passed our assignments and golf carts were issued. We met with the

parade officials. It didn't take long to recognize the several different colors of *PANIC* on their faces. They Didn't Have a Clue on how to run a parade!! EARS quickly pitched in and started doing what we do best.

In short order, we brought the mass confusion down to a mild roar. The parade got under way a few minutes late without the Grand Marshall. Just as his car was about past the Point of No Return, he was found and placed into the line up. The rest of the parade went without any major problems.

The UCO Parade Committee met with EARS just after the parade to pass along their thanks to us for our help. THANK YOU!!

Hams that made it happen:

David Wolf, KC5KJE  
Tommie Guinn, KA5WAV  
Jay Lytle, KB5VDH  
Shannon Lytle, KB5VQM  
Buford Ford, KC5MXE  
Alan Clark, N5PA  
Alex Caceres, KB2RUR  
Carl Shortt, KC5YKL  
Clara Granger, KG5UG  
A.C. Adams, KA5WGV  
Jim Ryncarson, KC5MJS  
Earnie Wolf, K5YKD  
Jeff Krehbiel, KM5KH  
Curtis Foote, KC5GEP  
Lee Vaughn, KA5WIS  
Jeff Wells, NOT YET

If I overlooked anyone, I apologize.

In case you haven't heard, the 147.135 has new hard line. The hard line was installed as the KCSC antenna work was completed. The coverage seems to be better than ever. But it's too soon to tell just how good the coverage will be. As time permits, the South Link will be turned on to have better RX in South OKC. A survey will be taken and the repeater will be adjusted to balance the TX / RX coverage area. "Don't need no alligator!!"

73 de Lee KA5WIS

### **Eat Your Heart Out Harley!**

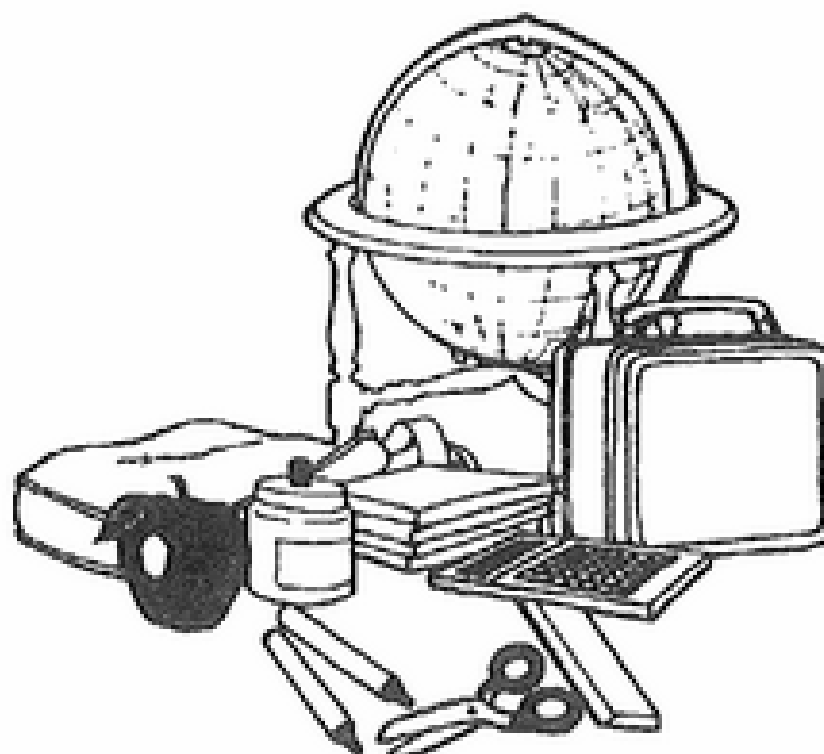
For some EARS members, Sunday morning, November 2<sup>nd</sup> began very early. Nine members met at Lake Stanley

Draper Marina at 6:45 AM, ready, willing and able to handle communications for the Cross Timbers Enduro Motorcycle Race. The officials gave us our assignments and we were set to go.

Lee, KA5WIS was our Net Control and we set up a Ringo dual band antenna in the back of his pickup. Then it was off to our designated locations. Some of us were assigned to check points which turned out to be very interesting. Mud holes and creek bottoms were common. Because of our location in some heavily wooded areas, we learned quickly the value of simplex frequencies and information relaying. It was an excellent experience in net controlled communications.

There were three minor emergencies throughout the day among the racers. Race officials at the check points were grateful for the communication EARS offered during these emergencies. This is a yearly event at which radio communications is essential. Thanks to all those who worked this event. We look forward to next year.

73 de David, KC5KJE



### **Licensing Class Deluxe**

#### **Overview**

EARS Novice/Technician classes, which began September 7th at the club station, ended with a successful VE session on November 2nd. A quick paced class delivered theory and code assistance by EARS instructors. The class structure and schedule were prepared largely from a class organizational meeting held previous to starting of the class. Sharon, KM5GV, - Class Organizer, had prepared excellent preliminary guidelines which were reviewed and discussed by the well attended organizational meeting to

complete plans for the class. Rick-N5KLM, with the class template in hand, proceeded to give the class frequent and stimulating publicity in the greater OKC area to get students motivated to enroll in EARS classes.

As in recent EARS classes, Clara-KG5UG, was the "heart" of the licensing class by her ever present smile, words of encouragement, letter writing and telephone calls to the students. She capably fulfilled the role of registrar by having books, sign-up sheet, support materials, a ready handshake and a pat on the back(or a hug!) for students, instructors and helpers. Her reception table adjacent to the classroom was adorned with the club banner and plenty of "freebies" to support the class. Very impressive and exhaustive effort by Clara! Please join me in tipping your EARS cap to KG5UG.

#### **Teaching Staff**

Instructors for the class included the following:

Brad - AC5CQ, Code  
Ron - KC5PLI, Code  
Sharon - KM5GV, Introduction/Class Overview  
J. B.- K0JF, FCC Rules and Regulations  
Earnie - K5YKD, Operating Your Amateur Station  
Clarence - KB5RR, Radio Wave Propagation, Amateur Radio Practices  
Dave - K0TYC, Amateur Radio Practices, Electrical Principles  
Curtis - KC5GEP, Circuit Components, Practical Circuits  
Harold - WA5ZKX, Signals and Emissions, Choosing an Antenna  
Brad - AC5CQ, RF Environmental Safety  
Sharon - KM5GV Review/Test Preparation

#### **Students**

The class was held on 9 consecutive Sunday's from 2 to 4 PM. Students enrolling for theory and/or code instruction to assist in their licensing goals were:

Evan Beck, Lisa Beck, Josh Brown, James Burnham, \*Gary Carson, Terry Deas, \*Ben Dillard, Bill Fennell, \*Garland

Hughes, Trish Kuper, \*Patrick Martin, Chad O'Brien, George O'Brien, \*Derek Olsen, \*Richard Olsen, \*Fred Rodriguez, Viswanathan Shankar, Sherry Storey, \*Jeff Wells, Kaleb Wells, \*Collen Wolf, David Womack, \*Jim Yandell, Una Savic, and Addison Johnston.

\* Perfect Attendance- Well done !

Attendance was strong each session thanks to the instructors, class organization and weekly telephone calls/letters sent to the students. Attendance peaked at 23 with a low of 17. A super bunch of students who will make great contributions to Amateur Radio. Their attendance and participation in the class are very much appreciated.

#### *Beloved Support Staff*

Several club members came to each session to lend their moral support and help in setting up and taking down tables, chairs, books, and club banners. Kudos for this assistance goes to David, KC5KJE, Ernie, K5YKD, Bob, KM5GZ, Steve-KC5RYT, David, K0TYC, Curtis, KC5GEP, Harold, WA5ZKX, Lee, KA5WIS and Mary, KA5WHI. Thanks to Jim, KC5MJS, all students, instructors, and support folk wore nicely done name badges, with the club and Special Service Club logos affixed. Quite Professional! Jim, N5OHL, and Karl, KD5AW, helped round up course materials on cassette tape and computer disk. It was imperative to have these materials in good order. Terry, KC5GDC ensured the students had study resources to include practice exams in sufficient quantities. A big word of THANKS to these folks- as you can see quite a group effort.

#### *License Status*

As of completion of the CORA VE Session held at the club station on November 2nd this is the license level attained:

Name	License Status	Call
Lisa Beck	Tech Plus	KD5CPR
James Burnham	Tech	KD5CPP
Gary Carson	Tech Plus	KD5CPL
Ed Clarke	General	KD5CPN
Trish Kuper	Tech Plus	KC5YPB
Patrick Martin	Tech	KD5CPQ
Richard Olsen	Tech Plus	KD5CPK

Fred Rodriguez	Tech Plus	KC5GJM
V. Shankar	General	KD5CPO
Sherry Storey	Tech Plus	KD5CPJ
Jeff Wells	Novice	KD5CRP
Jim Yandell	Tech	KD5CPM

A super test session with great results. Thanks to the CORA VE team for coming to the EARS club station for the November 2nd session. Our students and all involved appreciate the test session being at the regular class location, day of the week and time. Many students will be upgrading and continuing their licensing process in the weeks ahead. We will try to keep you informed as to their progress. In closing, it is appropriate to give Frank-AA5GI thanks for his many years of heading up the EARS classes. In an untiring manner, Frank assisted many hams in getting licensed over the years. AA5GI took this year off to recoup and spend well deserved time with his fine family. Frank we have missed you but know you have enjoyed the respite.

73 de John-WB5SYT

## MERCHANT MARINE AND CW

An item in the RNARS newsletter by VE3FAB sheds some very interesting light on the current use of CW by the Maritime services. CW is emphatically not dead! The US Coast Guard has phased it out and military ships do not use it but there are about 150,000 ships worldwide that still use CW. Within this group, 11% are of US registry and the remaining 89% represent other nations of the world. The business of providing shore based CW communications for these is still a viable one but many former owners of shore stations have decided that HF communications is finished and satellite communications are the future so they bailed out. Other entrepreneurs see the vast number of ships out there who run on 'lowbudgets' and the expense of retrofitting these vessels with satellite facilities is prohibitive so, some of these defunct shore stations are purchased and operated expressly for this market.

Commercial station KFS, owned by Globe Wireless, has a receiver site in Half Moon

Bay, California while the transmitter site is situated in Palo Alto. Another site housing a receiver and transmitter facility is located in Slidell, Louisiana and operated by remote control. A competing company is in the same business with sites in Bolinas and Point Reyes, California. There is a third company situated in the State of Washington and manned by five operators. There are perhaps fifty shore based CW stations on the US West Coast and another much smaller number on the East Coast.

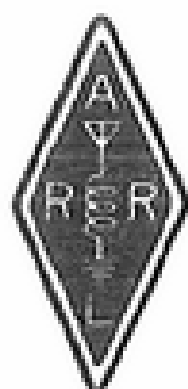
One of the leading shore stations in the US is now situated in Mobile, Alabama and this originally started communicating in the 2 MHz AM radiotelephone band using home-brew or modified surplus equipment. It later expanded into CW, HF and VHF radiotelephone. In later years, the owner of this station was first off the mark with SITOR telex. Everyone thought he was foolish and DITOR would not last but he certainly proved everyone wrong. Another company which used to have relay stations all over the world was Portishead Radio based in the UK. What used to be a thriving business in New Orleans in the 1970's with Lykes Lines, Waterman Steamship, Central Gulf Steamship, Delta Lines and others has withered away to almost zero. In that era, Lykes had about 40 ships bearing the US flag, in 1995 they had five and those may disappear this year. Delta and Waterman are gone, Central Gulf has almost ceased to exist and although Marine CW may not go on forever, the end is not in sight.

*Fists CW Club Newsletter Oct 1997 Page 1*

## New HF/Satellite Radio

Rumors have it out of AMSAT(Japan), Yaesu will introduce a new 'ultimate' rig in January, 1998. Tentatively designated the FT-847, it will have HF, 6m, 2m, and 70cm capability. Additionally, it will have DSP filter, 9600 baud capability, and satellite duplexing.

Now for the bad news, guesstimates of cost come in at around \$1,700. However, when you consider the capability you're getting all in one box, not a bad price.



## A. R. R. L. Bulletins

From ARRL Headquarters  
Newington CT  
To all radio amateurs

**ARRL Bulletin 72**  
November 21, 1997

### *WRC-97 Wraps up in Geneva*

The 1997 World Radiocommunication Conference concluded its talks in the early morning hours of November 21 in Geneva, Switzerland. Amateur Radio survived WRC-97 largely unscathed, but the stage has been set for renewed spectrum battles at WRC-99.

The Little LEOs (non-voice, non-geostationary mobile satellite interests)—which put a huge scare into the ham radio community in 1996 with their proposals to share ham radio VHF and UHF bands—were unable to muster much support for new allocations at WRC-97. However, they came away with up to 3 MHz of additional spectrum on a regional basis, in the bands between 454 and 460 MHz. The Little LEOs also got a resolution calling for urgent studies in preparation for WRC-99—what some at the conference called "a hunting license" for additional VHF/UHF spectrum. A second issue that will recur at WRC-99 is finding a place in the 420-470 MHz frequency range for the Earth Exploration Satellite Service (EESS). Synthetic aperture radars (SARs) using frequencies in this range are said to be capable of penetrating the rain forest for mapping purposes.

Two significant ham radio-related issues failed to make the cut for consideration at WRC-99. For budgetary reasons, the WRC-97 delegates had to limit the WRC-99 agenda only to the most urgent issues. Pushed back to the tentative agenda for WRC-2001 were the possible realignment of the 40 meter band to resolve a conflict

between hams and broadcasters in part of the band (along with possible expansion of broadcasting bands between 4 and 10 MHz), and Article S25 of the international radio regulations. Article S25 contains the international regulations specific to the Amateur and Amateur-Satellite Services, including the Morse code requirement for operation below 30 MHz.

WRC-97 delegates approved a resolution encouraging administrations to facilitate the use of ham radio and other "decentralized means of communications" for disaster mitigation and relief operations. This resolution eliminated the need for Resolution 640, which defined how certain ham bands could be used for international disaster communications by non-amateur stations, so Resolution 640 was suppressed.

WRC-97 delegates did agree to upgrade the Earth Exploration Satellite Service from secondary to primary at 1215 to 1300 MHz, which should have only minimal impact on amateur use of 1240-1300 MHz. The presence of EESS there also reduces the possibility that other, less-compatible services might later be introduced into this band.

In other allocations decisions, amateur satellite segments were not included among allocations for wind profiler radars. Except for a worldwide primary allocation at 1270 to 1295 MHz, the only specific allocations for wind profiler radars are in Region 1, and those are on a secondary basis. Region 2 administrations were urged to implement wind profilers in radiolocation bands at 440 to 450 MHz, 904 to 928 MHz (protecting the lower, weak-signal segment), 1270 to 1295 MHz (protecting amateur satellite and weak-signal), and 1300 to 1375 MHz.

The delegates agreed that the bands 420 to 435 MHz or 438 to 440 MHz could be considered for use in situations where there was incompatibility between wind profiler radars and other radio applications at 440 to 450 MHz or 470 to 494 MHz (only in some Region 1

countries). In this case, too, the amateur-satellite segment is protected.

Several Region 1 (primarily European) countries deleted footnoted exceptions to the international table of allocations in the 1810 to 1830 kHz range, expanding the usability of 160 meters for ham radio. North Korea was persuaded to drop its bid for footnoted exceptions to the allocations table that could have affected some ham radio bands in that part of the world.

Amateur Radio was represented at WRC-97 by a multinational team of International Amateur Radio Union officials, including Secretary Larry Price, W4RA, Vice President Michael Owen, VK3KI, and Region 1 Vice Chairman Wojciech Nietyksza, SP5FM. They were assisted for a time by Tafa Diop, 6W1KI, and Eduardo Estrada, HC2EE, who are members of their respective regional executive committees. Numerous radio amateurs attended the conference in official capacities on behalf of their national administrations, including ARRL Technical Relations Manager Paul Rinaldo, W4RI, who served on the US delegation.

In all, 1801 delegates from 142 countries registered at the conference. Another 141 observers from regional and international organizations also attended.

**ARRL Bulletin 70**  
November 19, 1997

### *FCC issues RF safety Supplement B to OET Bulletin 65*

Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines that go into effect January 1, 1998. The FCC's Office of Engineering and Technology issued the long-anticipated Amateur Radio Supplement B on November 18. The FCC worked closely with the Amateur Radio community to develop the new supplement. Several ARRL Headquarters staff members and Technical Advisors reviewed preliminary drafts of the supplement. ARRL Lab Supervisor Ed Hare, W1RFI, has been the League's point man for RF safety and exposure issues.

Supplement B, subtitled Additional Information for Amateur Radio Stations, contains detailed information specific to ham radio stations. It is designed to be used in conjunction with the FCC's OET Bulletin 65 (Version 97-01), Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields. The revised Bulletin 65 was issued earlier this year. Supplement B covers definitions of RF radiation and discusses the FCC exposure guidelines and their applications, methods of predicting human exposure, estimating compliance distances, and controlling exposure to RF fields.

The supplement runs approximately 70 pages. Among its noteworthy highlights are numerous easy-to-use tables based on various frequencies, power levels and antenna configurations to help hams determine whether their stations comply with the FCC's published RF exposure guidelines. Most tables show compliance distance—the distance that an antenna needs to be located from areas of exposure to be in compliance. (For a closer look, see "FCC RF-Exposure Regulations--the Station Evaluation," by Ed Hare, W1RFI, which will appear in the January issue of QST.)

The new RF exposure rules go into effect January 1, 1998 for all new stations and for those filing a Form 610 with the FCC after that date. Existing stations have until September 1, 2000 to comply with the new rules. But, existing stations making changes that could affect RF exposure from their station--such as increasing power or relocating antennas--must evaluate that change if done after January 1, 1998.

As first announced, the FCC set a power threshold of 50 W to trigger the need to do a station evaluation. In late August, the FCC revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation. Those changes were welcome news for most hams. The newest guidelines raised its original 50-W threshold on all bands except 10 meters through 2 meters, where it remains at 50 W.

The FCC went along in part with an ARRL request and established a sliding scale for threshold levels dependent upon frequency. The revised thresholds are 500 W for 160 through 40 meters, 425 W on 30 meters (the maximum legal power is 200 W), 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and higher frequencies.

The threshold for amateur repeaters is 500 W effective radiated power (ERP) if the repeater antenna is located on a building or is less than 10 meters above ground.

Stations operating at or below these respective power levels are categorically excluded from having to conduct a routine RF radiation evaluation. Mobile and portable (hand-held) devices using push-to-talk operation generally are also exempt from evaluation. But, all stations--regardless of power level--still must comply with the RF exposure limits that become effective New Year's Day.

OET Bulletin 65 and the new Supplement B are available at:

<http://www.fcc.gov/oet/info/documents/bulletins/#65>

Copies are available from International Transcription Service Inc., 1231 20th St. NW, Washington, DC 20036; Tel 202-857-3800; fax 202-857-3805.

#### **ARRL Bulletin 69**

November 18, 1997

#### *Section Manager Election Results*

Ballots have been counted in the Section Manager election for the West Texas Section. The term of office begins January 1, 1998.

The results are as follows:

In the West Texas Section -

Ted G. Harwood, KB5VWC, 44 votes  
Fred L. Marble, Jr., W6VPI, 53 votes  
Charles C. Royall, WD5CJI, 84 votes  
Royall was declared elected

Seven other Sections were not contested.

The following were declared elected.

In the Delaware Section -

Randall Carlson, WB0JJX

In the East Bay Section -

Bob Vallio, W6RGG

In the Michigan Section -

Richard Mondro, WA4FQT

In the New Mexico Section -

Joe Knight, W5PDY

In the Santa Barbara Section -

Robert Griffin, K6YR

In the Tennessee Section -

O.D. Keaton, WA4GLS

In the Western Massachusetts Section -

William Voedisch, Jr., W1UD

Since no petitions were received for the Alabama, Alaska, and Kansas section manager elections by the deadline of September 5, 1997, nominating petitions will be resolicited in January QST.

#### **ARRL Bulletin 68**

November 14, 1997

#### *WRC-97 Heads Into Final Week*

The third week of the four-week 1997 World Radiocommunication Conference in Geneva drew to a close with no unpleasant surprises for Amateur Radio. The Allocations Committee, Committee 5, has not yet completed its work on matters relating to "Little LEOs" as advocates of the service continue to look for support, but the focus of discussion is not on the amateur bands.

Next week, the committees must finish their work early so that their recommendations can be taken up in plenary meetings. Conference decisions are firm only after second reading in plenary. Delegates will be spending long hours examining long documents in great detail to make sure nothing slips by unnoticed.

4U1WRC has been more active this past week. Amateurs interested in WRC-97 may wish to visit the Web site maintained

by the International Amateur Radio Club at :

<http://www.itu.int/radioclub/>

From there, links will take you to more information on 4U1WRC, 4U1ITU, and WRC-97.

#### **ARRL Bulletin 67**

November 7, 1997

#### *WRC-97 info*

WRC-97 is nearing its halfway point with some issues moving toward settlement and others still very contentious. Here's a look at the issues of interest to Amateur Radio.

Little LEO (non-voice, non-geostationary mobile satellite) interests have had a difficult time at this conference. While nothing is firm, the conference appears to be moving toward agreement that the segments 146 to 148, 170 to 230, and 406.1 to 430 MHz are not open for consideration for Little LEO allocations at this time. There has been little support outside Region 2 for any new Little LEO allocations. Most of the Little LEOs' interest has focused on 401 to 406 and 450 to 470 MHz, with some possibility of future studies of possible compatibility with broadcasting at 470 to 862 MHz.

Thursday night, a compromise proposal from The Netherlands for a secondary allocation at 432 to 438 MHz for the Earth Exploration Satellite Service failed to gain sufficient support for adoption. Instead, it appears that a resolution will be proposed calling on the ITU-R to conduct urgent studies of the best band for such a satellite to operate in. For the satellite to perform its intended function of studying the rain forest, the frequency chosen must be in the general vicinity of 400 to 500 MHz. This makes the selection of an operating frequency that will not interfere with other services very difficult, because this spectrum is heavily used by a variety of services all over the world.

Earlier, it was agreed that the Earth Exploration Satellite Service would be upgraded at 1215 to 1300 MHz from a secondary to a primary allocation. At this order of frequency, the service has less potential for interference to the Amateur Service, and its presence reduces the

possibility that other, less-compatible services might later be introduced into this band.

Wind profiler radar issues appear to be close to resolution, with amateur satellite segments protected from being mentioned as appropriate for wind profiler operations. What has been agreed at working group level is that--except for a worldwide primary allocation at 1270 to 1295 MHz--the only specific allocations for wind profiler radars are on a secondary basis in Region 1. For Region 2 amateurs the significant points are that administrations are urged to implement wind profilers in radiolocation bands at 440 to 450 MHz, 904 to 928 MHz in Region 2 only (protecting the lower, weak-signal segment), 1270 to 1295 MHz (protecting amateur satellite and weak-signal), and 1300 to 1375 MHz. The bands 420 to 435 or 438 to 440 MHz "could be considered for use . . . in case compatibility between wind profiler radars and other radio applications operating in the band 440-450 MHz or 470-494 MHz (only in some Region 1 countries) cannot be achieved." The amateur-satellite segment is protected.

Another amateur delegate on a national delegation has arrived. Oyekunle B. Ajayi, 5N0OBA, of the Nigerian Amateur Radio Society is on the Nigerian delegation and is taking an active part in the conference. The IARU reception was held Thursday night and was quite successful, attracting among others ITU Secretary-General Tarjanne.

4U1ITU has been active using the special call sign 4U1WRC. Even 10 meters has been open to the US. Unfortunately, with meetings lasting well into the night, the many delegates who hold amateur licenses have little time to operate.

#### **ARRL Bulletin 65**

November 4, 1997

*Gerry Mathis, W3GM, SK*

Former EPA SCM William G. "Gerry" Mathis, W3GM, SK

Former Eastern Pennsylvania Section Communications Manager Gerry Mathis,

W3GM, of Pennsburg, Pennsylvania, has died. He was 86. Atlantic Division Director Kay Craigie, WT3P, reports Mathis passed away in late October.

As W3BES, the call sign he earned in 1930, Mathis was ARRL SCM for Eastern Pennsylvania from the late 1930s until 1951.

When the Ohio River flooded in 1937 and a detachment of Philadelphia police was sent to Louisville to help, W3BES acted as a relay station to keep Philadelphia in touch with Louisville. Some of his transmissions were broadcast over local radio station WFIL to keep the public informed about the disaster.

Mathis' professional life also revolved around electronics and radio. He was employed by a number of different radio-related companies. Many hams remember him from Consolidated Radio, where he built custom transmitters for various prominent Amateurs.

During World War II, he was active in the War Emergency Radio Services (WERS) and then went to the First Fighter Command to organize the air-to-ground communication.

He was a member of the Frankford Radio Club and constructed a multi-multi contest station where he trained many club members in the art of contesting. He also was a long-time ARRL member.

In 1991, the ARRL Atlantic Division honored Gerry Mathis with the Grand Ole Ham award. This award recognizes outstanding hams for a lifetime of service to others.

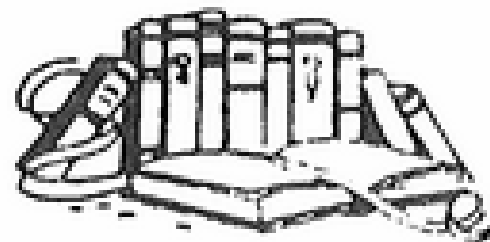


# XMAS Word Search

By Edith, KA5

Q N U O U G I B O Q D E C E M B E R 2 5 T H O  
 K E H B Q O G K D P T G Q L V T J K T O F B K  
 J S I L E N T N I G H T S T N I C H O L S Z D  
 Y O S G X K N J S W O B D N A S N O B B I R I  
 J T Y E H K S L O R A C S A M T S I R H C C I  
 T R S T C T R M U I Q G P M R H K X R W A L U  
 I I U H O I T I J I N G L E B E L L S J N V H  
 Q M A S X T V I S A T U R H A G E A F T D W R  
 M T L T P A H R N K D E J T I V L O Q E Y H E  
 Q H C E K Z U E E Y R M M N S Y T R A P C I S  
 V E A D V R H F W S R I G O M C S C U C A T O  
 Y T T P U P Y J T O S E N S U A U Q U O N E Y  
 K R N Z P U Z N C T R U I G R K B L J M E C O  
 K E A J A Y E N L B A L O N L F D I H S S H B  
 J E S K U S N E R O F G D I D E N E V T G R X  
 K X A V E A T E W U R I T K G E A C A H P I L  
 W O T R Z O A L W N D D C C H I E R D G V S K  
 Z P P D E D K H Z Y L O Y O X I L R H I R T Z  
 K F W Z H D C C V E E L B T J R T E Y L O M X  
 D E C O R A T I O N S A D S P X S K R E F A P  
 K T U R K E Y D I N N E R T B X U G B E R S U  
 R S N O W F A L L S A M T S I R H C Y R R E M  
 E S O N D E R S H P L O D U R R P W B T B A Z

CANDY CANES  
 CHRISTMAS CAROLS  
 DECEMBER 25TH  
 DECORATIONS  
 EIGHT TINY REINDEER  
 GINGERBREAD HOUSE  
 HAPPY NEW YEAR  
 HUSTLE AND BUSTLE  
 JINGLE BELLS  
 JOY TO THE WORLD  
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 TURKEY DINNER  
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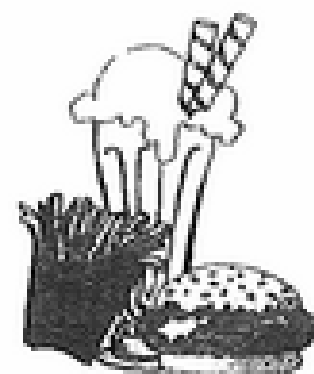
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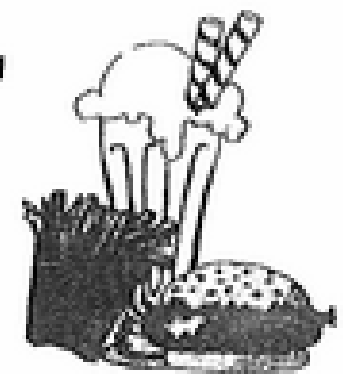


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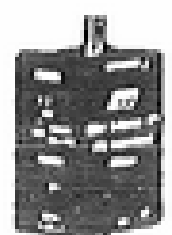
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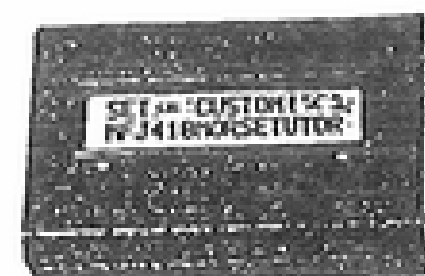
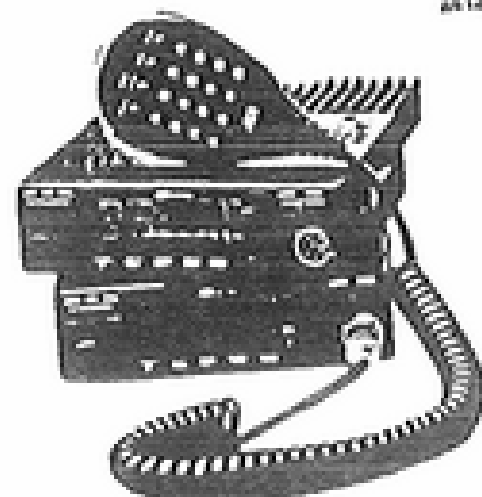
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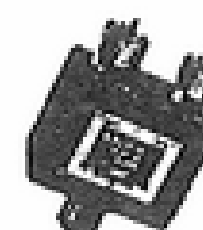


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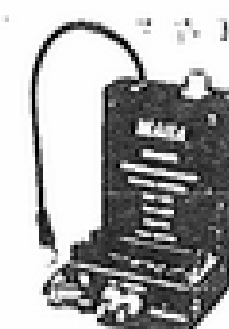
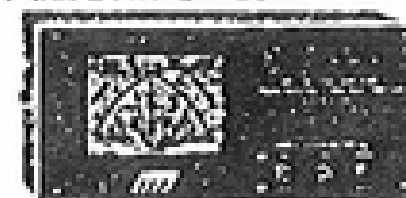
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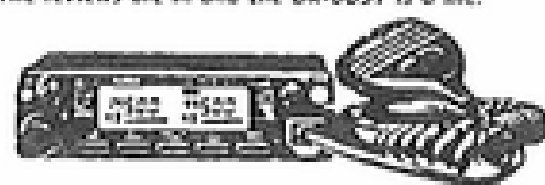
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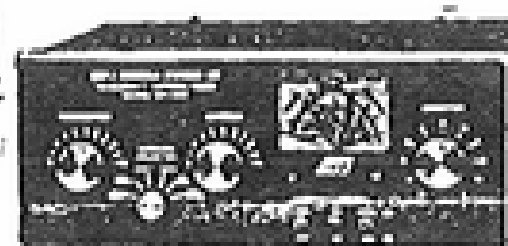
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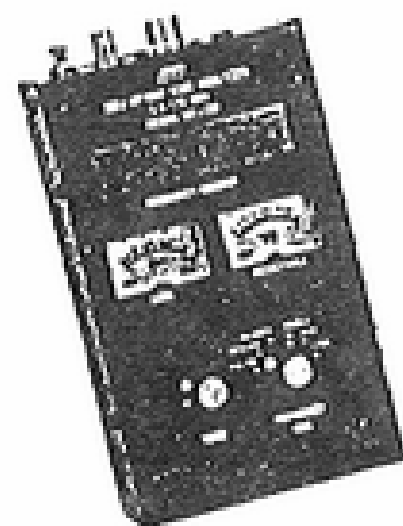
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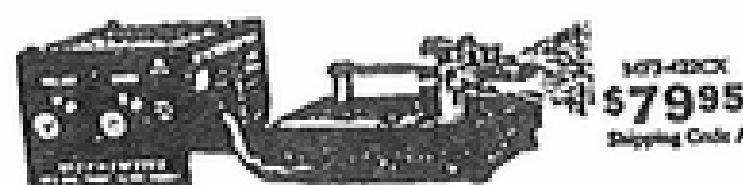
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## Up Coming Events

December 13, 1997 Midwest City Swap meet sponsored by the Choctaw Amateur Radio Club at the Midwest City Community center NE corner of E Reno and Midwest Blvd. Doors open at approx. 8:00 a.m. For more information contact the officers of the CARC listed on page 2 of this publication.

## 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 at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information contact Audie, AA5GB @ 799-9916.

VE exams by appointment only on 4th Tuesday of each month at 1800 in the Shawnee Public Library, 101 N. Philadelphia. Call J. W. Drummond at 275-3935 for more information.

VE exams on 2nd Saturday of each month sponsored by SCARS are held at 1000 at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NW0K at 329-1681 for more information.

VE exams on 4th Tuesday of even months are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact George Mateyo, N1GM for details.

VE exams on the 2<sup>nd</sup> Sunday of odd numbered months sponsored by the Stillwater ARC at 1500 in the OSU

Engineering North Building, Room 316. Contact Ken, K5KC (405) 377-7586 for details.

VE exams on the 1<sup>st</sup> Saturday of each month at 1430 in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

VE exams on the 1<sup>st</sup> Sunday of each month at the American Red Cross 6<sup>th</sup> and Lincoln for more information call Jim, N5BEQ at 232-2299.

## On the Air

Listings of Nets on local repeaters or sponsored by CORA members:

**ARES** - Oklahoma County Thursdays @ 8:00 p.m. on 146.22/82.

6 meter check in 52.525 Mhz simplex  
Packet check-in on 145.07

**Salvation Army** - Second Saturday of the month @ 8:00 a.m. on 146.22/82.

HF 3900kHz; Packet 145.07

**AMTOR** @ 8:30 a.m. 14.064MHz

**OKC Swap-n-Shop** - Saturdays @ 10:00 a.m. on 146.22/82.

**Geritol** - Daily @ 8:00 a.m. on 145.41 minus input.

**Edmond Info** - Mondays @ 8:00 p.m. on 147.135/735.

**QCWA Chp 63 VHF** - Thursdays @ 7:00 p.m. on 145.41 minus input.

**QCWA Chp 63 HF** - Sundays @ 8:00 on 3855.0kHz USB.

**Wheatstraw** - Wednesdays @ 9:00 p.m. on 146.01/61.

**Purcell** - Mondays @ 8:00 on 145.19 minus input.

**Cimmaron** - Tuesdays @ 9:00 p.m. on 145.45 minus input.

**YL Net** - Tuesdays @ 8:00 p.m. on 147.09 plus

## Mir frequency experiment

The ham radio station on board Mir is changing frequency once again. This, as part of an ongoing experiment to better understand how these frequencies will be effective on the International Space Station.

For phase 1, a 70 centimeter to 2 meter crosslink experiment will operate for a 3 month period. On December 1 the Mir operating frequencies will change to an Uplink of 437.850 MHz and a downlink at 145.800 MHz. This will last for three months.

Phase 2 of this experiment will use a 2 meter only set of uplink and downlink frequencies. This part of the experiment will begin on March 1, 1998 and will also be of 3 months duration.

(Via MIREX)

## Bogus bottles

And RF Parts in San Marcos, California, is asking if anyone has encountered counterfeit high power transmitting tubes including types 3-500Z, 3-500ZG and 4-400. This at flea markets or through overseas suppliers.

According to an internet posting by RF Parts' Merit Arnold, W6NQ, since Eimac left the glass tube business, he's learned of instances where Eimac and Amperex logos and cleverly copied markings or labels have been applied to tubes manufactured in China. The tubes are then packaged in yellow Eimac style or Amperex boxes.

Arnold says that would like to hear from anyone who has run into these bogus tubes. E-mail him at: [rfp@rfparts.com](mailto:rfp@rfparts.com)  
(Via ARRL, others)

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## December 7 to January 10, 1998 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
7	8	9	10	11 11:30 a.m. VHF Club 7:00 p.m. Altus Area ARC 7:30 p.m. TSARG	12	13 6:30 p.m. EARS Xmas Dinner
14 1:30 p.m. Wheatstraw	15 6:00 p.m. CORA VE Exams 7:00 p.m. OCAPA Xmas Dinner 7:00 p.m. CARC	16	17	18	19	20 9:00 a.m. VE Exams SBC
21	22	23	24	25 Merry Christmas 	26	27
28	29	30	31	1 Happy New Year  1998	2 C&E Deadline 	3 10:00 a.m. Ada ARC
4 2:00 p.m. VE Exams ARC	5	6 6:30 p.m. LFSARC 7:00 p.m. Shawnee VE Exams	7	8 7:00 p.m. Aeronautical Center 7:30 p.m. CARA	9	10 09:30 a.m. SCARS

### Chips - chips and more chips

The U. S. Department of Commerce has dealt a blow to some foreign chip makers and to one U. S. firm in an anti-dumping case. Alliance Semiconductor Corp., a San Jose based manufacturer says that in a preliminary ruling, the Commerce Department said Alliance should pay a duty of 59.06 percent on imports of Taiwan fabricated static random access memory also called S-RAMs. These are widely used memory chips which do not require power to hold content, unlike dynamic random access memory chips.

The Commerce Department has also announced that anti-dumping duties of various rates of up to 113.85 percent should be imposed on companies which manufacture S-RAM chips in Taiwan or Korea and import these products into the United States.

And what does all this mean to U. S. hams? Prices for new computers and other gear using memory chips are bound to go up.

(Via published news reports)

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