

Collector & Emitter

A CORA Publication

December 1996
Volume 22, Number 12
Issue 262
50¢

Postmaster See Page 2
For Postal Information

Periodical Mail

The Christmas Gift / The "Slipup"
QST Stories Retold

The End of AO-13

There is Justice!!



Happy Holidays

Welcome to Lawton / Ft Sill ARC

Christmas Dinner Meetings
Check Calendar for Dates

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, KB5TOT**

Dear Subscriber:

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

2	96/12	2
JOHN E. DOE, KA5ABC		
1234 SW 56th STREET		
RADIOVILLE, OK 74321-9876		

The "2" means VHF Club, "96/12" means the year/month C&E subscription expires. The "2" is for postal zones.

Dear Secretary / Treasurer:

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

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8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Mike McFarland, N5WNT 799-0612 VP: Duane Angles, KA5WRG 670-6163 Sec: Marie Harris, KC5HKB 390-8851 Treas.: Bill Tarkington, KC5ICR 390-8751 Editor:	18. Lawton Fort Sill ARC Meets: 1900L 1st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Jim Arterberry, N5UJB 353-5722 VP: Kevin Johnson, N5WTS 357-2203 Sec/Tr.: Paul Goulet, KC5CYY 250-4247
9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Neil Kappus, N5KCO 262-1551 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421	CORA is Growing!! Room For Another Club's Officers Here. Let US Know of any Clubs wanting Information On Joining CORA.
10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Jim Hood, WV5S 405-732-6131 VP: Ross Hunt, K5RH 918-234-5050 Sec: Jeff Martin, K5WE 918-486-6493 Treas.: Mark Byard, N5OGP 405-762-1966 Editor: Mark Byard, N5OGP 405-762-1966	Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Brad Nelson, KJ0W 793-9470 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, KB5TOT 354-5075 Editor: Harold Miller, KB1ZQ 672-7735

CONTENTS**On the Cover: Happy Holidays**

Central Oklahoma Radio Amateurs, Inc.	3
Chit Chat	4
Aeronautical Center Amateur Radio Club, Inc.	8
Ada Amateur Radio Club	9
South Canadian Amateur Radio Society	9
Oklahoma City Autopatch Association	10
Edmond Amateur Radio Society	11
VHF Club News	14
Wheatstraw Amateur Radio Club	14
Choctaw Amateur Radio Club	16
Lawton / Fort Sill Amateur Radio Club	18
Oklahoma DX Association	20

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for November 26, 1996.

The meeting was called to order by the president of CORA, Hal, KB1ZQ. There were four clubs in attendance with 9 directors present.

Since the October minutes did not make the C & E, the approval of the minutes for October was deferred until the next CORA meeting in January.

The treasurers report was approved unanimously.

The Editor gave the C&E report. We need the Club secretaries to get the minutes of their meetings to the editor ON TIME. The deadline for the C&E is the Friday after the CORA meeting and is on the back of the C&E in the calendar. If your club minutes do not appear, it is because they did not arrive before the deadline. A possible increase in the subscription rate was discussed, and tabled until the next meeting.

We need a logo for Ham Holiday 1997, preferably by March or April. This will be the twenty-fourth Ham Holiday, and this one will be held at the state fairgrounds. All you artists out there, design the logo for Ham Holiday. This is your chance!

The Meeting adjourned at 8:15PM.

There will be no December meeting this year. Therefore, on behalf of all the officers of CORA, we wish all of you HAPPY HOLIDAYS!

Respectfully submitted,
Forrest Rush, N5VWF
CORA Secretary

To CORA's Member Clubs

Each member of CORA is entitled to three voting members, although more can attend as non-voting members. At present CORA has eleven members; Aeronautical Center ARC, the VHF club, OCAPA, the Altus ARC, the Choctaw ARC, the Wheatstraw ARC, OKDXA, E.A.R.S., the Cimmaron ARA, South Canadian ARS, and the Ada ARC.

At the last several meetings SEVEN clubs sent no representative; as secretary of CORA, I am asking EACH Member Club to ELECT at least one CORA representative who will attend the meetings. IT IS THE PEOPLE YOU ELECT TO CORA WHO ORGANIZE HAM HOLIDAY!

The NEXT CORA MEETING is scheduled for JANUARY 28th, 1997. BE THERE!

CORA VE SESSION

November 18, 1996

The monthly session of the CORA sponsored Volunteer Exam session was held on the above noted date at the Divisional Headquarters of the Salvation Army facility. It is located at the Southwest corner of Penn Avenue and Northwest Expressway in Oklahoma City. The exams are held on the third Monday of each month at 6:00 PM. Consistent with this schedule the next VE session will be on Monday December 16th at 6:00 PM. So mark this date on your calendar, schedule your test preparation time, follow your plan and go upgrade! It will be good for your soul, your fellow hams will appreciate you having more privileges; just in time for ole St. Nick to reward your success!

So what are you waiting for? Bring your \$6 exam fee, appropriate identification and copies of license and/or test certificates. The CORA sponsored VE team are punctual, conduct themselves as professionals and are as proud of your success as you (well, nearly) while encouraging you to prepare some more and come back soon should that need exist.

Results of the November test session are as follows:

Test Elements Attempted- 16
Test Elements Passed - 10

Individuals passing indicated elements:

David Storey, K0TYC- Advanced Theory
Patricia Kuper, Novice and Technician Theory
Bill Dove, Novice Theory
Gail Foote, Novice and Technician Theory
Wes Foote, Novice Theory
Nick Byrd, Novice and Technician Theory
Pam Mattheyer, Novice Theory

Congratulations to these Amateur Radio Operators! Be sure and give a word of recognition to these winners. Thanks to the Volunteer Exam Team for giving of their time and energy to make these exams available. They do a fair amount of work before, during and after the session to make the system work. Kudos to the CORA Volunteer Exam Team!

Submitted by: John Thomason
WB5SYT

From The President,

Well folks another year is about to come to a close. The holidays are upon us and nerves are getting frazzled. It is time to look forward to another year and get towards planning of Ham Holiday '97 on 25-26 July 1997.

CORA needs the input of all member clubs to help make this happen. In the last few meetings only a dozen or so members actually showed up for meetings. If this is the way our clubs feel about this by no participation why even have a hamfest here in Oklahoma City.

Lets get over the holidays and get together and get prepared for the coming year. Just think you may have a computer to work with, or other talents needed. We always need ideas and input.

Happy Holidays and hope to see you next year.

Hal, KB1ZQ

Chit-Chat

Christmas : A time for sharing...

by Linda, NILPN

As the winds blow across the plains of Oklahoma mixed with snow and ice, and last minute shoppers rush home, most of us are in the process of preparing to celebrate the coming season. It is a time for giving and sharing, a time of reflections and a time of renewal. If I had one wish I would wish that the spirit of good will toward one another continue throughout the coming year. All it would take is for us to say a kind word when none is expected, a word of encouragement when you see someone trying and refusing to give up the task at hand. You would be amazed how much a smile can brighten a persons' day, a softly spoken thank you to a cashier, a small tip given to the grocery bag person who carries you stuff out to the car for you, and yet we all tend to forget to be polite and kind to each other.

Words of wisdom I heard recently that have a ring of truth to them. "A persons' life is not measured by the number of people they knew or by how many who knew their name. A persons' life while on this earth is measured by how many lives they touched and made a difference." May all the lives you touch along your journey be positive and a blessing for all.

So in the spirit of sharing I give you these recipes. The first two are from me and were given to me years ago. I lost my original copy until a few years ago. Cheryl, KB5WQR brought me copy of it which Rosemary, KC5TVS had shared with her along with the starter. The problem is you need the starter on hand and must keep it fed and bake it every 10 days if you do not have the recipe to start the starter. I love this bread but too much of it can be fattening. A friend of Mikes' mom bakes the same bread each year but calls it a cake. She had the recipe for the starter and was nice enough to give me a copy. Now you too can enjoy this bread/cake anytime.(Okay, so you have to

plan it 10 days in advance but the wait is worth it.)

Amish Friendship Cake Starter

DO NOT USE METAL BOWLS, SPOONS OR ANY METAL OF ANY TYPE WITH THIS RECIPE!

2 cups flour
3 Tablespoons sugar
1 envelope dry yeast
optional ½ teaspoon salt
2 cups warm water (105°)

In a glass gallon jar with a wooden or plastic lid (NO METAL), combine all ingredients. Set aside in a warm place 2-3 days, stirring it each day. Day 4 Feed:

1 cup sugar
1 cup flour
1 cup milk

Stir each day for 5 days.

Day 10, you skip down to the second recipe where it starts at day 10! Now you are ready to bake and give as gifts to others. Once you have starter left over, follow the directions completely as written for Amish Friendship Bread!

Amish Friendship Bread

DO NOT REFRIGERATE AND DO NOT USE METAL SPOONS OR BOWLS!!!

Day 1: Day you receive starter, do nothing.

Day 2: Stir with wooden or plastic spoon.

Day 3: Stir with wooden or plastic spoon.

Day 4: Stir with wooden or plastic spoon.

Day 5: Add 1 cup each of milk, flour, and sugar.

Day 6: Stir with wooden or plastic spoon.

Day 7: Stir with wooden or plastic spoon.

Day 8: Stir with wooden or plastic spoon.

Day 9: Stir with wooden or plastic spoon.

*Day 10: Add 1 cup each of milk, flour, and sugar. Pour 1 cup of mixture into THREE plastic containers. Give two to your friends and keep one for your next starter. You will have batter left over, this is to make your bread with.

To the remaining batter add (Hint: if you add the wet ingredients first, it cuts down on the lumps in the mixture.):

1 cup oil(to cut fat use 1/2 cup oil and 1/2 cup applesauce)
1/2 milk(1 percent milk okay)
3 eggs
1 tsp. vanilla
2 cups flour
1 1/2 tsp. baking powder
1 tsp. cinnamon
1/2 tsp. baking soda
1 cup chopped nuts(optional)
1 cup sugar
1 large instant vanilla pudding (5.1 oz)

Mix together and pour into well greased and powder sugar pan (I personally use Bakers Secret or Pam to treat my pans, Powdered sugar seems to stick when I have tried using it). Bake at 350 degrees for 40 - 55 minutes. Test to see if it is done like you normally would a cake. Allow to cool 8 minutes and remove from pans, finish cooling. I like to dust mine with powdered sugar and wrap in colored plastic wrap topped with a pretty bow to give as gifts. It freezes well. Makes 2 loaf pans or one bundt pan.

****Additions or variations****

You can add a crumb topping of sugar, brown sugar and cinnamon or add anything like:

1 cup of chocolate chips
1 cup of chopped apples
1 cup of mashed bananas, etc.

You can also changed the flavor of the pudding to give it a different flavor.

This recipe is for Judy, see I didn't forget after all. This is that Banana Bread recipe I was telling you about that is easy to make and fast to put together. It is from a collection of recipes put out by the Oklahoma Natural Gas Company each year about this time of year. This is from the one published last year. I pick up my copy at the Midwest City branch but they do have other branches where you can get them. They are FREE, so call up ONG and find out were there is a branch by you to get this years' issue.

Quick and Easy Banana Bread

1/3 cup oil
1 ½ cups(3 large) mashed bananas
1 teaspoon vanilla
3 eggs
2 ½ cups biscuit mix
1 cup sugar
½ cup chopped nuts(optional)

Preheat oven to 350° for 10 minutes. Generously grease bottom of 9x5x3 inch loaf pan. In large mixing bowl, stir all ingredients with a fork until moistened; beat vigorously 1 minute. Pour into pan; bake 50 to 60 minutes or until toothpick inserted in center comes out clean. Cool 5 minutes; run knife around sides to loosen. Remove from pan . cool completely. (If you don't have a gas oven, an electric one works fine.

Old Fashioned Baked Apples

This recipe is so old I have no idea where it originated from. I do know it was one of the favorites with the cowboys during cattle drives. Cooking had to be kept simple but had to be filling as well. The sugar was used sparingly. Apples were easy to carry and did not spoil as easy as other fruits. Cooks would take flat stones and set them on the outer edges of the cook fire. They would take whole apples, pierce the tops with a knife and set the apples in the stones. The apples would stay there as the rest of the meal was prepared.

My grandmother loved these apples and figured out a way to cook them at home. She used a wood burning stove and found she could copy them easily. When my grandfather got her a modern stove she was lost for a long time. She still made her apples but said they just didn't taste the same. She found a way around that, she baked her apples in the living room fireplace instead. When the fireplace was closed up, it was falling down, she went back to placing them in the oven. So, here is her "Old fashioned baked apples" and without the fireplace.

MiMi's Old Fashioned Baked Apples

4 large apples (Red Delicious or any good baking apple will work)
a large pie pan
water

Wash apples and pierce top with a knife as you would to bake a potato. Arrange in pie pan standing them up. Put just enough water in to cover the bottom of the dish and about an ½ inch deep. Place in oven set at 350° and bake for about 40 minutes or so. Add water if needed. Remove and allow to cool before eating. They are great when still warm and topped with a scoop of ice cream.

Hint: I bake mine the same time I am baking chicken and bake them just a little longer. My aunt set hers at 40 minutes while my grandmother would cook hers for an hour. It all depends on personal tastes. Enjoy!

It was thirty seven degrees this morning, making me think of some fall recipes. Goldie got a new one for German Slaw. While home made candies is a Christmas treat I enjoy. Here are some oldies.

German Slaw

Shred one large head of cabbage with 1 onion. Add 1 cup sugar and let stand until dressing is made.

Dressing:

3T Sugar
1T salt
¾ cup corn oil
1 cup vinegar (white)
1tsp mustard (dry)

Bring to a boil. Pour over 1 tsp. celery seed, cabbage while hot. Let stand until cool. Then chill. Better after 2nd or 3rd day. You can increase or decrease size to meet your needs.

Dream Drops

1 ½ cups raisins
½ cup whole almonds
1 ½ cups brown sugar
½ cup light corn syrup
2 tablespoons honey
2 tablespoons water
½ cup sweetened condensed milk
¼ teaspoon salt
½ teaspoons vanilla extract
½ cup fondant (Yes, I had a session with Webster to find out what a fondant is.)

Rinse and dry raisins. Roast almonds with skins on, break kernels slightly with rolling pin, set aside. Combine brown sugar, corn syrup, honey. Add milk and cook until it forms a medium ball. Remove from heat. Add salt, vanilla, and raisins. Add fondant and nuts; mix very thoroughly. Drop spoonfuls onto waxed paper.

Lemon Nut Balls

5 quarts popped popcorn
1/3 cup light corn syrup
1 cup sugar
½ cup water
¾ cup unsweetened pineapple juice
1 teaspoon vanilla extract
½ teaspoon lemon extract
few drops yellow food coloring
½ cup chopped walnuts

Crisp corn in oven. Combine corn syrup, sugar, water, and pineapple juice in heavy sauce pan. Cook without stirring to soft / crack stage (270 - 290° F on a candy thermometer) Remove pan from heat and add vanilla, lemon, and coloring. Pour over popcorn, stirring gently until popcorn is evenly coated. Form into 3 inch balls and roll in chopped walnuts. Makes about 2 dozen.

Have a wonderful enjoyable Christmas, and do not forget what it means to you.

Ralph, WA5PFK

The Christmas Gift

By Bruce Vaughn, NR5Q

P. O. Box 203

Springdale, AR 72764

Seems like the long nights of December are just made for thought. It is a time for remembering, for putting one's life in the proper perspective.

The Old - Timer pushed the swivel chair back from the operating desk where he had been bringing his logbook up to date. Slowly, he arose and walked over to the fireplace, stopping only long enough to fill his pipe with tobacco from the humidor on the mantle. Then he settled himself in the big easy chair and thought of the many years of hamming he had enjoyed.

The memories were pleasant, like passing his first exam almost 50 years ago and, of course the never-to-be-forgotten thrill of his first QSO. Let's see, the receiver was a second hand Sky Buddy, and the rig used was a 47 xtal oscillator into a pair of push-pull 2A3s in the final. Everything in the transmitter but the crystal was salvaged from an old radio bought for 40 cents at an auction. He would have bid more, but 40 cents was all he had in his pocket. Oh well, he got the radio anyway.

Receivers like the HRO, SX17 and Super Pro were things dreamed off, knowing he might as well wish for the moon. Factory built transmitters were available, but no one in the many thousands of QSOs he had worked in those Depression years had used one. Being a ham in the '30s was not easy, and you soon learned what it was like to really want a good rig, knowing you could not possibly afford one.

As the smoke drifted up from his pipe, the Old - Timer's eyes roamed over his shack layout. There was the SX-28 he bought in the late '40s, or was it the early '50s? Still looking as good as new was his first transmitter built from a kit, an old Heath DX-60. Beside the DX-60 was his

homebuilt VFO with the beautiful National dial. Finally, his eyes came to rest on the brand-new-state-of-the-art transceiver, purchased just last month. He had put off buying it for years until, finally he could no longer resist. What a marvel - a full 200-W phone and CW transmitter with dual VFOs and an excellent solid-state receiver, all in a package slightly larger than his old Sky Buddy.

No doubt about it - ham radio was more advanced than he had ever dreamed. What would Hiram Maxim think if he could spend an hour in a present - day ham station?

Lost in all these thoughts, he had not noticed that the fire was getting low. He arose and put a log on the fire. Picking a long splinter from another log, he held it in the yellow flame until it was burning and then used it to relight his pipe. Walking over to the window, he pulled the curtain back and gazed out into the cold, snowy night, thinking how lucky he was to have this nice, warm home, his beautiful ham shack, and fine children and grandchildren. Best of all, they would be home in just a few days for Christmas.

Martha, his XYL, had been telling him that his shack was getting too cluttered, what with the old SX-28, DX-60, VFO, antenna tuner and all the other equipment gathered over the years. He knew she was probably right; she usually was. Just like she was right about him giving up pipe smoking. Oh, he never really quit, but he always felt a pang of guilt every time he lit his pipe. Thinking back to his teens when he was first licensed, he thought of just the place for some of his surplus gear. What better time of year to donate a radio to the local children's home and offer to teach a Novice class. It just might spark

the interest in a few young people to become full - fledged hams.

By golly he would pack it up tonight, wrap it in Christmas paper and drop it off so it would be under their tree on Christmas Day. Then he would have enough room on the operating desk to put the new pictures of his grandchildren.

When you are 70 years old you just naturally move a little slow, and it took the OT until almost 10 P.M. to pack and wrap the radio. The big red bow alone took almost 30 minutes. Sitting at the operating desk, he had to admit that Martha had been right again; the shack did look better. There was no use keeping equipment that was seldom used when someone else could get so much good from it.

Well, the OT thought, guess I'll see what 40 meters sounds like before turning in for the night. Might hear someone I know.

Slowly, with a touch that was almost a caress, he turned the tuning knob of the SX-28. Sure enough, there was Al, W0AWP, putting out a good, strong signal as usual. His left hand hit the TR switch, and the little power transformer in the DX-60 purred like a contented kitten. The tubes glowed like fire flies, and the equipment gave off a welcoming warmth.

With a hand grown stiff with age, he ever so gently reached for the old Vibroplex. In near perfect 25-WPM CW, he sent the words he had sent so many times before: "73 and a Merry Xmas to U and Urs, Gn."

After pulling the big switch, the Old-Timer slowly walked into the bedroom. Martha, pretending to be asleep, heard him mutter as he pulled off his shoes, "Never did need two VFOs anyway . . ."

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The "Slipup"

By Bruce Vaughan, NR5Q
P O Box 203
Springdale, AR 72765

Looking out of his window at the large parking lot, the old - timer watched people arriving for the evening visiting hours. A light snow had begun falling about mid afternoon, and now at dusk the ground was almost covered. The large Christmas tree, with its hundreds of colored lights and large star on top, stood out in bright contrast to the falling snow.

Carefully, the cars crossed the parking lot, pausing at the entrance only long enough to allow the passengers to step out onto the snow free walk, then on to find parking space. Many of those arriving were carrying flowers or gaily wrapped Christmas gifts.

What a wonderful time of the year, but what a lousy place to spend Christmas, thought the OT. This hospital brought back a lot of memories - some good, some bad - but the past few days were not ones he would care to remember.

His three children had been born in this hospital, and even one grandchild had arrived here. There had been the usual annual checkups, some surgery and broken bones, which while unpleasant, were at least temporary. He could even look back with a certain amount of amusement at the time just before the DX contest when he had, after repairing his antenna, managed to lose his grip near the bottom of his tower, fracturing a leg. Not only did he miss the contest, but spent three weeks here right at the peak of the sunspot cycle.

With all these visits to the hospital, every day brought improvement and you could look forward to resuming your normal activities. This was different. The OT wondered if he would ever be able to enjoy the pleasures of everyday things we all take for granted. Or perhaps, and he preferred not to think about it, just maybe this was his last trip here.

The little 2-meter hand held sitting on his bedside table broke his chain of thought. It was one of his fellow club members on the local repeater calling to

wish him well and offer a few words of encouragement. With his right arm practically useless and partial paralysis of the left side, he clumsily operated the 2-meter rig with his left hand.

A cynical smile was on his face as he thought about an old CW man like himself now having difficulty operating 2-meter FM. He wondered, would he again know the pleasure of putting up his own antennas? Were his days of building equipment over at last? Most of all, he would miss the pure joy of a good snappy CW QSO.

When he had retired last year, he was looking forward to many more years of hamming, being able to chase DX or ragchew any time he wished, not having to leave a wide-open band with the DX rolling in to go to work.

His thoughts returned to 1938, when he was first licensed as W5HTX. He was in high school at the time, and money was scarce. Tape machines cost real money, so he learned the code and theory by sitting in front of an old broadcast radio that would tune the 160-meter band, listening to W9BSP in Olathe, Kansas conduct his one-hour sessions. After three months of study, he was ready for the exam. Working after school and on Saturdays he was able to save enough for a used Sky Buddy, and to build a 15-watt transmitter.

From the first QSO, CW was his love. Oh, he tried 10-meter phone and worked some 75-meter phone, but he always returned to CW. His code speed increased quickly, and at the end of his first year on the CW bands, 25 WPM was his usual QSO speed.

He smiled as he remembered the day his "Mac" bug arrived. It had cost him \$5.50, but it was worth every cent. Boy, what a thrill to work CW with that "Mac."

Now age 65, these CW days might be gone forever. The doctor had told him that his stroke had been a "light one," that he was sure he would soon regain most, if not all, the use of his arms and legs.

However, he could not help but wonder ... was the doctor really telling him the truth. After all, it was Christmas. Perhaps the XYL and the doctor had decided not to give him the bad news. Maybe, they were waiting until later, thinking he would slowly realize the extent of his disability.

One thing he did know: Marge would get the truth from the doctor and even if she decided not to tell him, sooner or later she would "slip up." After all, he had lived with her for 41 years and knew her better than anyone. When she, by action or word, made the "slip up" he would know it. Bad news is one thing, but this not knowing was worse.

"Hi," said Marge, as she came through the door carrying a small package. "I know it's only Christmas Eve," she said, "but I want you to open your present tonight."

Does that mean that I may not be here tomorrow, thought the OT, or perhaps she is feeling sorrow or pity for me.

With his shaking left hand he unwrapped the box. Slowly lifting the flaps, he peeked inside, knowing the gift she had picked for him might very well be the "slip up" he had been waiting for. "Marge, please lift it out of the box for me. I'm afraid I might drop it."

Gently she lifted the "Presentation" Vibroplex from the box, placing it on the light-blue blanket at his side. The Vibroplex glistened like the Crown Jewels, its gold base, polished chrome parts contrasting beautifully with the red knob and paddle.

There was a smile of relief on his face and a tear in his eye as he read and reread the inscription engraved on the gold base. It said "The best DX is yet to come."

His Christmas was truly a merry one when he noted the "bug" was a right handed model. Marge had indeed made the "slip up."

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AERONAUTICAL CENTER AMATEUR RADIO CLUB, INC.



WSPAA

It appears that the first Thursday of the month comes when no one is looking and certainly too soon for me. Its been some time since anything has been printed in the C&E about our gatherings. We faithfully have our meetings each and every month on the first Thursday of each month at 1930L..

The meeting for the month of November was no different. The clubhouse was bulging as our attendance totaled 15. It must have been our two guests Hal, KB1ZQ and Mac, K2GKK that made the difference. The meeting was called to order at 7:30 p. m., treasurer's report read and old minutes recalled by WA9FCT.

The official business behind us we talked of old and new business which if my memory serves me right consisted of our now operational 146.85 repeater, sales of Amateur Radio Equipment in places other than Candy Stores, new MIR frequencies and the ACARC Xmas Party.

For those that may be wondering, the 85 machine has been down for a few months. Its now up and healthy!! Many thanks to Stan, WA7WNM, Brad, KJ0W, John, N5SAM, Bob, WA9FCT and Ted, NY5W for their support and work on the repeater, with special thanks to Bill, KB5BS who rebuilt the transmitter "twice". Once again, all the members of ACARC and users of 85 --- Appreciate the work you've done...Thanks!! Our machine now supports a New Commercial Antenna, reworked Transmitter, and factory reworked / upgraded controller. Try it you'll like it!

Discussion was held concerning the subject of commercial sales by Kenwood, of amateur radio equipment in Loves' truck stops. Rumor that others might follow selling equipment in Wally World, etc.!!! As our government is in the business of selling frequencies, could this be a big plan to kill Amateur Radio? After all most all the companies manufacturing

Ham Equipment also make radios for commercial use, we are just a small corner of their business.. Its food for thought.

Brad had copied some print to indicate that the MIR had changed frequencies. The new frequencies being (Packet) 145.8 Mhz Simplex; (Voice) 145.8 Mhz RX and 145.2 Mhz TX (shift = -600 KHz) this was effective 1 November 1996.

Since last years Xmas get together was held on a bad evening (Thursday) everyone thought a Friday would be a better day with an alternate being a Monday. Everyone was satisfied with the Hometown Buffet on I-240 as the gathering place. So the AERONAUTICAL CENTER ARC'S XMAS PARTY WILL BE HELD ON FRIDAY THE 13TH OF DECEMBER AT THE HOMETOWN BUFFET ON I-240 at 07:30 PM.

The ACARC and Brad KJ0W will again be holding No-Code Technician classes for those wishing to become licensed. His classes will be held beginning in December at the Moore Library. Those interested contact Brad, KJ0W.

Lastly, Ellard, W5KE demonstrated his new GPS receiver to the group. Here's an item that we will probably all have in the next five years. I'll bet we'll still get lost.

The meeting was adjourned about 08:30 p. m.. Coffee and Donuts were had by all. After all we are a coffee and donut group.

As this is the only column we've published this year let me take this opportunity to thank everyone who has helped and participated in ACARC activities over the past year. Since everyone will read this in December, let me speak for the Officers and members of the ACARC wishing everyone a very Happy Holiday Season and Prosperous New Year.

Remember the ACARC Xmas dinner 13 Dec 1996 at the HOMETOWN Buffet at 1930L.

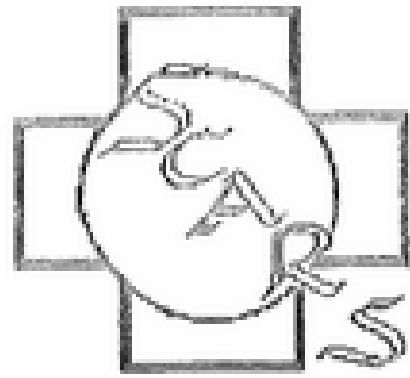
73,

Bob, WA9FCT

Ways to Kill an Organization

(Courtesy of the Central Oklahoma NRHS Chapter's "The Dispatcher" and adapted from the Oklahoma Jaycees Manual.)

1. Don't attend meetings. But if you do, arrive late.
2. Be sure to leave before the meeting is adjourned.
3. Never have anything to say at the meeting. Wait until you get outside.
4. When at the meeting, do nothing. Then go home and do nothing.
5. The next day, find fault with the officers and other members.
6. Take no part in the organization's affairs.
7. Be sure to sit in the back, so you can talk freely to another member.
8. Get all the organization will give you, but don't give the organization anything.
9. Never ask anyone to join.
10. At every opportunity, threaten to resign and try to get others to do so.
11. Talk cooperation, but don't cooperate.
12. If asked to help, say you don't have time.
13. Never read anything pertaining to the organization.
14. Never accept an office. It is easier to criticize than to do things.
15. If appointed to a committee, never give any time or service.
16. If you receive a bill for dues, ignore it.
17. Don't do any more than you have to, and when the others willingly and unselfishly use their ability to help the good cause along, then howl that the organization is run by a clique or "the good old boys."



South Canadian Amateur Radio Society

The November Meeting of the South Canadian Amateur Radio Society was held on November 9, 1996. The meeting was called to order at 9:25 AM. We began with the usual introductions, then discussed several items of business.

Ken, N5BEW, gave the monthly repeater report. The 147.06 repeater now requires a tone access of 141.3. If you don't have PL on your radio, you can turn the tone access off by transmitting the touch-tones 61. After 15 minutes of inactivity on the repeater, the machine will revert to PL access. There is a temporary problem with the in-town link. Currently, the tone has to go through 2 receivers, and often doesn't quite make it. Ken said that this was a simple problem to fix, and as soon as he could get access to the stadium, he would take care of it.

Dennis McCarthy, KC5EBH, brought up the possibility of forming a spotter network for the next storm season. We discussed making the repeater available for use during severe weather, and club members reassured everyone that the repeater is always available during these times. The net control will possibly be located at the county EOC or the Norman Police Department. The net will serve as a liaison between local hams and the Weather Service. There is also a need for

operators at the Weather Service. Dennis will coordinate later for a spotter training session.

Sara Byrer, KC5ABA, reported the account balance. Please remember that it is time to renew your membership.

Don Byrer, KJ5KB, reported that the 2 meter machine in the Red Cross needs alignment. We were also informed that the Red Cross Emergency Services class had to be canceled.

Ed Berkowitz, N3US, brought up the possibility of having a mini-hamfest in February. Several club members expressed interest, and I believe that we're looking forward to putting that together. Ed is going to look into procuring a site.

The S.C.A.R.S annual Christmas party is scheduled for December 17, at 7:00 PM. I hope that everyone is able to attend. I also hope that this holiday season is full of joy and peace to all of you and your families.

Randy, WB5RWN
Secretary

Notice
The SCARS test session
scheduled for December 14, 1996
is canceled.
Test sessions will restart in
January at their regularly
scheduled times.

Happy Holiday's from SCARS

Ada Amateur Radio Club

Hello To All:

We received our repeater back from the shop today and hope to install it this afternoon for net tonight. On the 10th of November I went to Floyd Hardin's house (W5QPO) to fix his HF antenna. It was Floyd's 90th Birthday, I hope I am as sharp and active as Floyd if I make it to 90, HAPPY BIRTHDAY FLOYD.

Old man winter has a grip on us down here but it is pretty to look at. When the weather gets bad it is a good time to listen in on your 2m rig for someone stranded or in trouble, last year we had phone trouble and a ham called out on his radio about a house fire. I was on duty at the fire station and heard the call, needless to say the home owner was surprised to see us pull up.

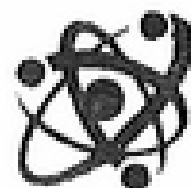
I read in a ARRL newsletter that FEMA is siding with HAMS on the LEOS issue, it is good to see them standing up for us.

If you know someone who needs to test contact Mason Smith WT5X and we will set up a session.

HAPPY HOLIDAYS FROM THE ADA
HAM CLUB.

73 Roy

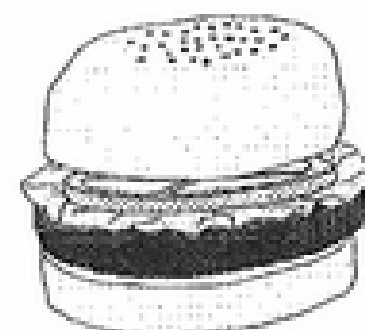
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Oklahoma City Autopatch Association

October 1996

Meeting called to order at 7:35 p.m. by President John, N5SAM. There were 31 members and 2 visitors present.

Secretary's Report: A motion was made by Tom, WA9AFM to accept the minutes of the last meeting as printed in the C&E. Motion was seconded and it carried.

Treasurer's Report: Bob, WA9FCT read the Treasurer's Report and Don, KC5BRO moved to accept the report as read. Motion was seconded and it carried.

Technical Committee: The crackling noise being experienced on 82 was discussed. Plans are being made to test the feedline as soon as possible. New brackets are being fabricated to mount a DB224 at 1200 feet and use it for transmit and receive on 82.

CORA: Hal, KB1ZQ reported on last CORA meeting. Elections were held and the results were published in the C&E.

Christmas Party: Sue, KC5SMJ will chair the planning committee. The FOP hall is not available on our normal meeting date (Dec 17). Don, KC5BRO will check on alternate date.

Heartland SAR: Mission is on hold ATT.

Repeater Interference: Discussion was held regarding recent interference on the 82 repeater.

Swap Net: Discussion regarding numerous recent cancellations of the net and the amount of time being taken up for announcements.

Benefit Event Volunteers: Keith, KI5XA reported a need for volunteer operators Sat. and Sun. Oct. 26th and 27th for St. Judes Children Benefit Trail Ride.

Edmond Club: Jim, N5OHL reports the EARS Club station is open every Thursday night from 6:30 p. m. to ?.

KJ0W License Class: Brad, KJ0W will begin a No-Code Technician license class beginning Dec 12th at 6 p. m. at the Moore Public Library.

Free e-mail Service: Don, N5ENQ reports free e-mail service being offered by Juno.

MIR Space Station: Brad, KJ0W reports MIR is broadcasting an information message on 437.925 Mhz. There is also a repeater on 70 cm.

DX: Coy Day, N5OK is part of a group operating KC6/N5OK from Belau for about 3 weeks. Listen around 21320, 14320, 14003, 7003 kHz at about 6:30 am local time.

Meeting adjourned at 8:50 p. m.

Minutes for Meeting Nov 19, 1996

Meeting called to order at 7:33 p. m. by President John, N5SAM. There were 30 members and 3 visitors present.

Secretary's Report: The Minutes from the October meeting were read. One correction was made. A motion was made and seconded to accept the minutes. Motion carried.

Treasurer's Report: The Treasurer's Report was read. A motion was made and seconded to accept the report as read. Motion carried.

Technical Committee: A tower party was held on Nov 9th. The refurbished dB224 antenna was installed at the 1200 foot level using the new brackets and orientation recommended by dB Products. The duplexer was tried on this antenna but it was disconnected. More work needs to be done to use the duplexer. The dB224 at 1200 feet is being used for receive only. Also, the 82 repeater is programmed to "sleep" from midnight to 5 a. m.

CORA: Hal, KB1ZQ reports the deadline for the December C&E is Friday Nov 29th. CORA has made a \$200.00 donation to Salvation Army Headquarters. Ham Holiday is only seven months away. Don't wait until the last minute to volunteer to help out. It takes a lot of work to make HH a success. Also, C&E is looking for advertisers.

Radio Class: Brad, KJ0W will begin a No-Code Technician License Class on Dec 12th at the Moore Library.

MIR Space Station: Frequency change. For packet: 145.8 Mhz simplex, for voice: the uplink is 145.8 Mhz and the downlink is 145.2 Mhz.

Repeater Interference: Interference on the 82 repeater has been minimal since the controller codes were changed.

Christmas Party: The Christmas Party will be held on Dec 16th at the FOP Hall. Carole, KC5EXR and Don, KC5BRO volunteered to stand in for Sue, KC5SMJ in her absence. A motion was made and seconded that there be no charge at the door this year. Motion carried. A motion was made and seconded to set the budget for this year's Christmas Party at \$150.00. Motion carried.

John, N5SAM has some short pieces of heavy pipe suitable for masts.

Meeting adjourned at 8:43 p. m..

Respectfully Submitted, Sam, KL7V

OCAPA Christmas Party

Another year has come and gone and here comes the 1996 OCAPA Christmas party. Location is the Fraternal Order of Police hall at SW 15 and Agnew on Monday, December 16. Dinner will start around 7 p.m. The meat items will be provided by the club. Check with Sue Wilhite KC5SMJ or Carol Ayres KC5EXR and let them know what side dishes you will bring.

There will be a fund raiser for the scholarship with drawings and prizes. Bring your items to donate for the scholarship. Don't forget to bring your gag gifts. They will be drawn from the door tickets.

Last year we had eight inches of snow on the ground and still had over 40 folks. This year, we plan for near three times that many. Bring your family and a couple of dishes for a great dinner and fellowship.



Edmond Amateur Radio Society December 1996

Well we made it through Thanksgiving, Statehood Day and a monsoon day or two without excessive scaring. Now we anticipate the Christmas season, accompanying weather, QSL cards from the Special Event Day and the heavily occupied time of December stocked full of Amateur Radio activities. Speaking of stockings; might there be some ham gear about to placed into our stockings. Seems like that "new blue" Kenwood dual-bander featured on the back cover of December QST has some of our club members afflicted with altered breathing. Sure hope you get just that rig you want along with a safe enjoyable Christmas 1996. Merry Christmas !

Board Meeting November 13th

The November board meeting was held at the club station with the following guests present: Sharon Thompson, KC5WLS; Ernie Wolf, K5YKD; and Jay Lytle, KB5VDH. Starting at 6:00 p. m., Don Weeks gave an impressive presentation on weather data which is now available via computer. He showed how the detailed information is shown real-time while containing everything you could possibly want to know related to temperatures, wind, fronts, precipitation, barometric pressure for just about anywhere. The only expense is a nominal charge for the software and receiver-all designed to hook up to your computer. Hopefully, Don can return to give the demo at a club function with more club members present. Consideration will be given to installing this system at the club station.

Also, in the spirit of keeping up with technology, e-mail (free) should be available soon at the club station. E-mail offers an excellent medium to

communicate with club members while receiving an abundance of ham radio information for use and enjoyment of EARS members. Pretty slick way to maintain current members and recruit new ones !

Now on to the board meeting which was two hours in length with adjournment at 9:25 p. m.. All board members except Kevin, Dee and Larry were present. Topics included approval of expenditures which were slightly above anticipated amounts related to repeater equipment and club picnic supplies, red vests with club logo, licensing class progress, possible February General licensing class and recommendations for improving class activities.

The 1997 slate of officers with prepared ballot was presented. Discussion was held regarding the club Christmas dinner which will be held on Saturday December 14th, 6:30 p. m., at St. John the Baptist Catholic Church. Same format as the 1995 version. Club will provide the entree (turkey) with club members toting their favorite breads (hint to KB5RR !), veggies, etc. and yes those fantastic desserts. Cost you ask: a mere \$5 for adults and half that for kiddos 12 years and under. We are speaking of chronological age not mental age so SKA will be paying \$5 admit fee and a substantial fine for all of his 1996 hassling.

Other discussions and motions passing included requesting regular updates regarding repeater status from the technical committee, i.e. club meetings, board meetings and the Monday night net. Also, Dave, -K0TYC, was named to head-up an HF special event group to coordinate this peaking interest amongst club members. First meeting of this group will be held at 6:00 p. m. on Wednesday, December 4th, at a site to be named later (club station or Curby's). On the same evening, at 7:00 p. m. the December board meeting will be held at the club station.

Special Event Station

Nov 16th

On this overcast day which finally turned into a major storm with heavy rains,

EARS celebrated OK Statehood Day. The club station was a busy site to say the least. During the course of the day 32 EARS members, family members and friends came by to operate, visit and be a part of a neat day. We had the Yaesu and Kenwood rigs warm by 8:15 that morning with fairly continuous activity until the storms, band conditions and contests dictated pulling the plugs by 4:30 p. m..

While the number of contacts fell short of our expectations, we sure had a good time, learned a lot for the next event and made some good contacts. It is especially rewarding to see club members getting the chance to operate who otherwise do not get the opportunity. Stations contacted numbers are as follows:

29-States (including Alaska)
4- Canadian Provinces
70-Total contacts

Just as encouraging was EARS support of two activities in preparation for the OK Statehood Day celebration. On Thursday, November 7th, a planning session was held at the new Brick's restaurant in Edmond. 22 EARS folk came for a "go-over" of the event, to sign-up and to review the operating procedures sheet which had been nicely prepared by Jim, N5OHL. Larry, N5IXV, got to Brick's early and scouted up a meeting room for us which worked out quite well. Friday Night Net ? yes, we had one on November 15th which commenced at 9:00 p. m. for a final chalk talk, checking of operating schedule, reassurance and publicity. All that was missing was Opal's (KB5BUK) birthday announcements but thought that part better be left where it belongs. Seems like we had about 25 check-ins, 10 folk listing ideas or queries with net shut-down at 9:45 p. m.. Thanks to Richard, KB5TCY, Net Manager, for his encouragement to do the net. To everyone who was a part of all these activities related to the Special Event Station success: Thank You !

Monday Night Net

Oct	November *	
4	6	Sessions
122	173	Number of Check-Ins
14	29	Average Check-In per Session
54	70	Traffic

* includes the Siren Test and the Friday Night Net

Many words of thanks to those who check-in to these nets which are often under less than ideal conditions. The nets and the check-ins would not be possible without those who take the time to bring traffic, bulletins, and announcements. Just as important are those who list their station on the general check-in slot. Be sure and listen up as our simplex use for the Monday Night Net on 147.420 just might become a regular part of the net on a designated Monday night during each month. EARS ability to communicate effectively seems to be getting much better as we are using the Monday Night Net by necessity on simplex. The relay stations and protocol on simplex lends itself to better traffic handling.

Club Meeting

November 17th

Good turnout for the last business meeting of 1996. The classroom at St. John the Baptist Catholic Church we used for the meeting was filled to the brim with EARS members. Election of 1997 officers was held with the following result:

President- Jay, KB5VDH
Vice President- Joel, KB5FCF
Secretary- Sharon, KC5WLS
Treasurer- J.B., K0JF
Board Member- David, KC5KJE
Board Member- Sam, W5CU

Other topics discussed included the club vests, repeater (VHF) problems and the repeater problem impact on other club functions including the Monday Night Net and concern that continued repeater problems could result in a drop in renewal of club membership. Plans for the Christmas dinner, reading of previous club meetings and treasurer report was given and approved by the club. Clara, KG5UG, brought the club up-to-date on the licensing class with many now passing various license elements with many more anticipated by the close of class on December 15th. She recognized the six theory instructors as well as Frank, AA5GI, for teaching the code class. Clarence and Ken, KB5RR & N5DBM respectively, were praised for their

creating many useful documents related to the class. These were promotional brochures, name-tags, and personalized folders for the students and other items.

The 35 members at the club meeting were informed by Dee, WD5FHR, that an inventory of club equipment will need to be completed before the end of the calendar year. Ernie, K5YKD, volunteered to help with this task. Kevin, N5USQ, was not present to give an Emergency Coordinators report.

Special Board Meeting

Nov 17th

President Edith Vaughn, KA5YPX, called this meeting at the request of Ken, N5TWC, of the technical committee. The meeting was held immediately following the club meeting, lasted but a few minutes and in keeping with club's by-laws restricted itself to one topic. The one topic was repeater improvement. The board agreed to purchase, at the request of N5TWC, a Decibel Products 2 meter commercial grade antenna. The technical committee estimates antenna installation in about 3 weeks (from Nov 17th).

December Birthdays

Please wish Happy Birthday to this gang:

Mike Nguyen- 12-03
Brad Kiespert- 12-06
Brian Kiespert- 12-07
Don Ayers- 12-09
Brad Boyington 12-13
Buford Ford- 12-21
David Hartman- 12-21
Arlester Milligan, Sr., - 12-22
C.B. Weilbrenner- 12-22
Judy Johnson- 12-28
Richard Vinson- 12-30
Carl Franklin- 12-30
Robert Anderson- 12-31

Technical Information

Ernie, K5YKD, has made available to club member use some interesting technical training write-ups. This type material will be kept at the club station. One of the narratives deals with Rechargeable Battery issues such as : memory, memory correction, how to prevent memory, life expectancy, self-discharge, service life as function of

charge rate, and other thoughts on battery use. The other technical manual deals with Electrical Grounding. Sub-topics include: definition of ground, why ground?, and challenges to the consumer products technician

Points to Ponder

Just some things to think about as the end of the year approaches which often causes us to review the passing year and look forward to the coming year:

- What do you do in 1996 to make EARS a better club ?
- Did you thank those who deserved it for their regular and special efforts during 1996?
- Did you volunteer to help with any club activities during 1996 without being asked to do so ?
- Did you encourage any members to renew their club membership in 1996?
- Did you recruit any new EARS members in 1996?
- Did you offer a ride to a fellow club member or potential new member who might not have transportation to a club function?

Upcoming Attractions:

December 4th, Wednesday 6:00 p. m. HF Special Event Committee Listen up for location

7:00 p. m. Board Meeting Club Station

December 14th, Saturday 6:30 p. m. EARS CHRISTMAS DINNER @ St. John the Baptist Catholic Church

December 15th, Sunday 2:00 p. m. EARS Licensing Class Last Session !

December 16th, Monday - Salvation Army, CORA VE Session 6:00 p. m.
After Test gathering at Johnnie's on Britton Rd. to celebrate licensing success !
About 7:15 p. m. or later.

1997 Renewals Now Encouraged !

EARS
P. O. Box 48
Edmond, OK 73083

Submitted by: John Thomason, WB5SYT
E-MAIL: wb5syt@ionet.net

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VHF Club
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Central Oklahoma VHF ARC

Minutes of the November 1996 meeting.

The regular meeting of the Oklahoma Central VHF Amateur Radio Club was held at Ashley's Country Cooking, SE 15th at I-40. Those attending were the members, spouses, and friends who usually show up to see their friends and have lunch.

The meeting was called to order by Jackolyn, KA5ENU president. And, evidently, a lame duck president, since she has not expressed any enthusiasm about running for re-election. The club treasurer, Ellard, W5KE, gave the treasurer's report which was accepted and approved as presented. The minutes of the October meeting were approved as printed in the *Collector and Emitter*.

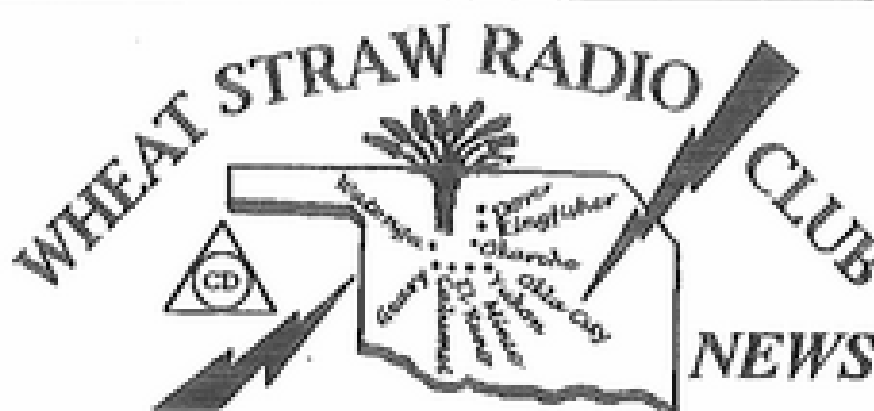
There was no response after a call for subjects for discussion under "Old Business".

For "New Business", Fred, W5NL expressed thanks to Jim, N5BEQ for bringing to the meeting gratuities to the members in the form of memorabilia from Joe Buswell, K5JB(sk). He brought personalized ball-point pens and a stack of "call-sign" license plates and QSL cards of K5JB. Jim also brought copies of some histories of the "Ham Holidays" over the years, among other things. Al, AD5U added his thanks and appreciation for Jim's efforts.

After the meeting, and after the dining, the members then proceeded to have a real talkfest.

73,

J. R.



Wheatstraw Amateur Radio Club

October 1996 Meeting

The October thirteenth meeting was called to order by Johnny, K5GBN our president. Individual introductions were made.

We had a new visitor, Tony, KC5VKF from El Reno. Tony first came to El Reno with the railroad and has lived there ever since. After the railroad closed down, he went into the oil fields. He is a mechanic. He mentioned he was a CB'er for several years, we don't know why he didn't become an amateur a lot sooner.

Tony joined the club and paid dues for his son also. Tony's family consists of his wife, two sons, and two step daughters. The daughters are married and live in El Reno.

The minutes of the September meeting were read by Ralph, WA5PFK in the absence of Joe, WA5FLT. The minutes were approved as read. The financial report was given.

Johnny announced that an electronics store in Enid is selling out. They have a lot of used gear and several used repeaters on hand. Watch for the announcement from Enid, I hear they are having a hamfest some time soon. I have not seen any official word on it yet.

Tom, N5IKN made a motion for the club to have it's annual Christmas dinner on December 8, 1996. Motion was seconded by Leo, WZ5H, motion carried. The arrangements are to be made by Ralph, WA5PFK. I visited with Cheryl, the date is open and she would hold it for the time being. I told her we would like to be served at 1:30 p. m. due to some going to church, and others living some distance away. She said the price this year would be \$8.00 plus tax, a total of \$8.60. This is at the End - O - Main.

The November meeting will be held at Calumet. From the stop light in the center of town, go one block south, turn west 1/2 block to the city hall. That is the first white building west of the mini stop on the corner. Meeting will start at 2:30 p.m., fellowship starts earlier. This meeting is on the 10th of November. Nominations for the 1997 officers are to be made at this meeting. They will be voted on at the December meeting.

Tom, N5IKN then made a motion we adjourn the meeting, seconded by Leo, WZ5H, meeting adjourned for refreshments.

When you get your C&E mark your calendars, then get on the net each Wednesday at 9:00 p. m. and when making your comments please report how many will be there from your QTH with guests added. We must have a head count, visitors are welcome, we will still need to know how many. I will enjoy seeing you at the Christmas Dinner with a smile on your face.

November 1996 Meeting

Meeting was called to order a 2:30 p. m. by Johnny, K5GBN with 19 people present. Self introductions were made by all. No visitors, one new member.

The October minutes were read by Ralph, WA5PFK in the absence of Joe, WA5FLT. Joe is having to work on Sundays at his new job. The minutes were approved as read.

The question came up, is the club going to support the cripple children's hospital again this year. What we do is during the Christmas dinner meeting, a container is passed around to all and each person gives what they wish. Then the money is counted and sent to the cripple children's volunteers to buy gifts for the children in the hospital. This subject was brought up by Father Joe, W5JEB.

Nominations started for the 1997 officers. AB5Z nominated N5KCO for president. Tom, N5IKN, said "He saw no reason to change nominating Johnny." Father Joe moved nominations for president cease.

Nomination for V. P. N5KCO nominated by Ray, AB5Z. WA5RLP moved nominations cease, seconded by Donnis, KB5TGT.

For Secretary / Treasurer, KB5TNE nominated Ralph, WA5PFK. Seconded by Father Joe, W5JEB. Margret nominated Joe, WA5FLT. Alice, WA5UEW moved the nominations cease. Seconded by Tom, N5IKN.

For club reporter WA5UEW nominated Wanda, KC5GTW. Margaret, WA5RLP nominated Ralph, WA5PFK. Tom, N5IKN moved the nominations cease.

The officers are elected for 1997 at the December meeting, but other nominations can be made from the floor during the December meeting.

The December meeting will be our Christmas dinner meeting, we start eating at 1:30 p.m. at the End -O - Main, 210 East Main in Watonga. Visitors are welcome just let us know if you are coming. We must make reservations by December 4th.

Johnny, K5GBN led all who wanted to go out to his pickup, put on his HF antenna and demonstrated his tuner of variable capacitors. He had a SWR meter inline and the capacitors properly set to a certain frequency and the SWR would drop. It was interesting and sure beat having to change tuning coils to change frequencies. Meeting Adjourned.

Ralph, WA5PFK

Ham Radio Outlet of Danville

In the W5YI report, the California base Ham Radio Outlet, has purchased the amateur radio assets of Tucker Electronics, a Dallas area test equipment firm. All of the ham radio equipment has been transferred to other Ham Radio Outlet stores. Tucker's (800) order line (along with the "800" number of Oklahoma Comm Center whose assets were recently purchased by Tucker) are now being forwarded to HRO.

Tucker Electronics has discontinued operations of its retail store and consumer mail order business. The sale of its amateur radio business will allow Tucker Electronics to focus on its core business, distributing new and reconditioned electronic test and measurement equipment. Tucker plans to market its vintage radios and inventory not acquired by HRO on its website at URL <http://www.tucker.com>.

Well December brings the elections for new officers for 1997. This will be the last issue for delivery in 1996. Maybe there will be a different reporter for next year.

I have been asked different times to write a story of my life, but I don't think that would be wise. If I am not telling or writing a joke, then I wish to tell the truth. So I don't think you would believe the story of my life. Let's just say most of my growing up was a cruel, hungry life, generally as bad as most dog's lives.

Now I like to write differently, love to make people laugh, and at times give something some serious thoughts. Some times we need to look at ourselves, I have many times especially when I came home from the service. So I would like to leave you with something for you to think about. Please I do not wish to hurt anyone's feelings.

"There are only two ways to live your life. One is though nothing is a miracle. The other is as though everything is a miracle." - Albert Einstein

"One that desires to excel should endeavor in those things that are in themselves excellent."

"Watch your thoughts; they become words. Watch your words; they become actions. Watch your actions; they become character. Watch your character; it becomes your destiny."

You think about it

This is a story about four people named Everybody, Somebody, Anybody, and Nobody. There is an important job to be done and Everybody is asked to do it. Everybody was so sure Somebody would do it. Anybody could have done it, but Nobody did it. Somebody got angry about that, because it was Everybody's job. Everybody thought Anybody could do it, but Nobody realized that Everybody wouldn't do it. It ended up that everybody blamed Somebody when Nobody did what Anybody could have done.

A Little Christmas Every Day

by Marie Wyatt

Let's have a little Christmas every day.
Show your love in some small way.
On Christmas, gifts go to father, mother,
sister and brother.
That's when you show love for one
another.
But when the tree is down and Christmas
is passed,
Why don't you make the spirit last?
We don't need all the gifts galore
The loving spirit is what we need more.
Let's keep our hearts glowing and know
that we're showing kindness and love for
more than a day.
The world will get better as we go on our
way.
Peace and good will, will be here to stay.
The whole world will grow better when
we act this way.
Let's have a little Christmas every day.

Have a Merry Christmas and a Joyous
1997. God Bless Us All.

Ralph, WA5PFK

Mart Dennis
KC5NAX

Robert Burnett
KC5NAZ

J.R. Hardy
KC5MLA

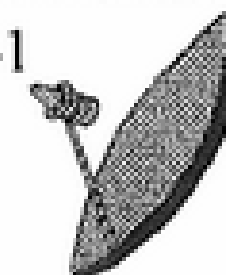
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Choctaw Amateur Radio Club

ANNOUNCEMENTS

The next CARC Swap Meet will be 14 December at the Midwest City Community Center, Reno & Midwest Blvd. next to the library. Tables are \$3.00 each.

The CARC Christmas party will be 14 December, 6:30 p.m., at the Harrah Steakhouse, 1077 North Harrah Road. A short business meeting will be held at this time also. Contact John, K5CBP for further information.

Annual dues are due now. Please see Bill, KC5ICR for details.

MINUTES

19 November, 1996

The meeting began at 7:00 p.m. with Bill, N9SQV presiding and 16 members were present.

REPORTS:

The minutes for the October meeting were not available at this time.

Treasury: The treasurer's report was accepted as read. Please note that annual dues are now due. See Bill, KC5ICR for details.

Texnet: The eastern part of the network is being worked on. N5OK is back from the DXpedition, so the packet cluster should be coming along soon.

YL Net: The YL Net is still going strong.

History: History is on hold for the holidays.

OLD BUSINESS:

Repeater Upgrade: Leon called and suggested getting a smaller repeater. Ken Fields gave us a GE Master repeater. It is a self-contained, 100 watt system. Bill, N9SQV has it and is waiting on manuals.

Liability Insurance: The price is \$325/year. It would cover \$1 million for each incident and \$2 million for the term of the policy. It was voted that CARC become incorporated and that we forget about the insurance.

Logging Software: Duane, KA5WRG has ordered the most recent version, and it should be in soon. There will be an instruction class set up before the next Field Day.

Club Callsign: The application for the club callsign has been mailed. On a related matter, Frank, AB5H has been the repeater trustee but has been busy with his job. He wondered if someone more active with the club and more available to monitor the repeater should or could take this job over. Item open for further discussion.

NEW BUSINESS:

Elections: The nominating committee submitted the following nominations:

President - Mike, N5WNT
V. Pres. - Duane, KA5WRG
Secretary - Marie, KC5HKB
Treasurer - Bill, KC5ICR

There being no further nominations from the floor, the above nominees were elected by acclamation.

Christmas Dinner: It will be December 14 at 6:30 p.m. at Harrah Steakhouse. Contact John, K5CBP for further information.

MISC:

Following the business portion of the meeting, Ron Earnest, WB9DAF gave an interesting discussion on power supplies. Ron is the ARRL Interference person for the area.

MINUTES

21 October, 1996

The meeting began at 7:04 p.m. with Bill, N9SQV presiding and 13 members were present. One visitor, Larry Lambertus from the Boy Scouts Big Teepee District was also in attendance.

REPORTS:

The minutes for the September meeting were accepted as published.

Treasury: The treasurer's report was accepted as read.

Texnet: Meeting to be held soon in Texas regarding the new software and hardware to be used in Texnet. Coy Day, N5OK was appointed as the ARRL representative for the current DXpedition. He will be operating on 21.320 during the evening Oklahoma time. His call will be KC6OK. Also, N5CG will be operating as KC6GG. They work all HF bands, 10-160 meters. Another DX station to look for is EM1KA or EM1U from the Ukrainian base in Antarctica. The op's name is Roman and operates quite frequently.

YL Net: The YL Net is still going strong.

History: Duane, KA5WRG provided some old newsletters that were not previous included in the history file.

OLD BUSINESS:

Repeater Upgrade: John, K5CBP provided information found regarding various controllers. The cost range is from less than \$300 to \$795. More details were given on the lower end products. He wishes to confer with Les, KB5RV about these options before making any recommendations. Item tabled until the next meeting.

J.O.T.A.: Chuck, KC5EZZ was not available to make his summary report on this year's Jamboree-On-The-Air event. (Note: See article posted elsewhere in the C&E.) Our guest, Larry Lambertus gave his summary. There were 28 boys in total attendance, which was down from previous years. He mentioned the

preliminary plans are being attempted to schedule next year's District Camporee during the same weekend as J.O.T.A. This would make the amateur operation more accessible to the Scouts, approximately 200 participants. He will stay in touch with Chuck on future updates. Then he presented Certificate of Appreciation to CARC for our participation.

Logging Software: Duane, KA5WRG will purchase the upgrade version of CT.

Antenna Masts: Item tabled.

Club Callsign: Don, N5ENQ will get the forms signed and mailed to FCC. A query was made regarding our getting a different callsign at a later date through the "vanity" call program.

Liability Insurance: Information has been requested. Item tabled.

ARRL Membership: Larry, KB5ENP is still working on this task. A post office box might be desired as an official mailing address for the club.

NEW BUSINESS:

New Member: Ron Earnest, WB9DAF was introduced. He is a newly appointed ARRL Technical Specialist. He is making himself available, when time allows, to assist amateurs with technical assistance, such as RFI problems. He also showed the publications on that topic provided to him by the League. These are available for signing out by members as needed.

Support to PD or Sheriff: It had been recommended we find out what benefit the

club could be in supporting the police department or sheriff's office with communications. Such incidents as missing persons or man hunts. We would be "only" observers and communicators. It was mentioned that in the past the club had only been asked to help direct traffic for certain special events in Choctaw. Consequently, the club had previously turned down this venture. A matter of insurance liability was discussed in the event that participants were hurt. Item tabled at this time.

Nominating Committee: A nominating committee was selected (volunteered) to choose people for next year's club officer positions. The committee consists of Dave, WD5G, Duane, KA5WRG, and Mike, N5WNT. Elections will be held next month. If you have any recommendations, contact the committee.

Club Brochure: Don, N5ENQ showed members present a three-fold brochure he has been working on. This would be used for publicity at swap meets, ham fests, and would be included in the New Member Packet as well. He's looking for suggestions on what could be added or changed. Item tabled for further discussion.

Christmas Party: It was suggested the this year we try a covered dish party and have it at the Community Center. Another suggestion was made to have the dinner at the Harrah Steakhouse in a "pay-as-you-go" like normal. A motion was passed that we have the party at the Harrah Steakhouse on the first or second Saturday night in December. Please RSVP. to Bill, N9SQV or John, K5CBP for the purposes of establishing a head count.

Meeting adjourned at 2010.

Jamboree on the Air JOTA '96

I would like to thank everyone who helped with and supported this year's Jamboree on the Air. It was truly a successful event!

I watched young scouts, with smiling faces, talk with other scouts. I discovered that most of the scouts could only talk in one, two or three word sentences. It really didn't matter much what they were saying, it was that they were learning to enjoy amateur radio and they were having fun.

This year we set up a CW station besides the HF and Packet stations. Randy Henderson, W15W was surrounded with scouts as he keyed Morse code via his QRP rig of 5 watts. He made contacts into Texas, Colorado and Ohio. I'm not sure who was having more, fun him or the scouts. I was surprised to see so many young people interested in CW, more so than the other modes.

The packet station was busy with those scouts too shy to talk. Contacts were made with Marie, KC5HKB, Ken, KC5HKC, Ken, WA5DTL and Clay, KC5NVK all from the local area. Marie also talked on the 2 meter repeater with a Girl Scout who didn't want to talk with a Boy Scout. As it turned out, this young girl, once on the radio, wasn't shy after all.

We didn't have any trouble making HF contacts either. This year we were using the K2BSA/5 callsign. We would send out a CQ and didn't have to wait very long to get on the air. Some of the contacts would last 30 minutes or more, for we had scouts on both ends swapping off as each scout took a turn on the mic.

There were some lessons learned that will help make next year's event even better. Planning has already begun for next year. Mark your calendar for the third weekend in October for JOTA 97. Sure would like to see you there.

That is it for this year, thanks again!

73 de Chuck Kanach, KC5EZZ

1631 SE 15th

677-9001

Skyline Restaurant
"country cooking"

Bryan, Cindy, Jennifer and Jessica

Lawton / Fort Sill Amateur Radio Club

Greetings from the President:

During the past 5 months I feel we have had some excellent programs at our club meetings held on the first Tuesday of each month; for example, UHF/VHF all mode operations and possible use of emergency use of the Internet and the showing of the club homepage. We also had two dinner / social meetings that proved to be just as enjoyable. I would like to take this opportunity to thank all club officers and committee chairmen for their efforts, thanks to all the club members who are able to attend club meetings. Thanks also to those assisting EOC Bob Sims, W5KCB with our emergency trailer use and display. Congratulations to all new radio amateurs and those upgrading within the past 5 months.

Our new W5KS repeater trustee is N5PYD, Paul Wardell. We're looking forward to our club get-together on December 3 at Golden Corral Restaurant, located on Cache Road, 6:30 p.m.. Our Education Chairman, KC5NVT Charles Kriss, is planning to start some amateur radio classes after January 1, 1997. More details on these classes will be available soon. I am also looking forward to a great hamfest in Lawton at the Great Plains Coliseum on April 5, 1997. We are planning to have a Special Events Station at the Wichita Mountains Easter Sunrise Service and will look forward to making many contacts.

As the year comes to an end I hope that everyone will find the time to reflect back on the past year. We all get busy with work, church, hobbies and sometimes forget about the other people in our lives. Make a special effort to spend time with your families.

See you next year, 73

Jim Arterberry, N5UJB
LFSARC President

The Lawton Bunch is at it again!

Were back, filling our plate high as we get ready to start a new year. By the time most of us get our first edition of CORA's newsletter we will have already had our Christmas dinner meeting. Kevin, N5WTS is not one to turn down an opportunity to eat and says that we can look forward to several more over the next few months. We kinda borrowed the idea from our friends in Anadarko. Ok, so we stole it, its a good idea and they're a great organization and we appreciate them.

The executives recently made a decision to go with CORA. With Hal at the helm, we have seen a consistent quality product that will make our membership proud to receive each copy every month. The production schedule for the CORA newsletter requires a bit longer planning on the part of anyone wanting to use the newsletter to inform members of next months activities. A rule of thumb should be that if you need to announce something for the first week of February you should plan on having it in *Collector and Emitter* for the January edition.

In the past we timed the newsletter to arrive at your mailbox a day or two before the meeting. We know that after a long day at the office, going to another meeting is not everyone's idea of fun. N5UJB says that with our 7 p. m. social time, and the meeting starting promptly at 7:30 p. m. and moving right into the program and saving all that club stuff till the end will help make the meeting go faster. So far Jim's been right and we're usually headed to Braums at 8:45 p. m.. I heard that Jim said he was buying after the January meeting. Can anyone confirm this?

Tidbits:

Spread the word and look for a Novice/Technician class to be starting up early in February. Charlie, KC5NVT will be needing some help. At the January meeting there will be some club ready for inspecting that will eventually be sold. The plan is to set a minimal amount on the items and allow club members first crack at it. Items not sold by the February meeting will be listed on the Internet and that should take about a week to sell (remember there's only 45

million potential customers on the Internet!).

Planning is underway to have the meeting for February at the Channel 7 studio (see what I mean by planning further ahead!). This will allow us to do our severe weather training and Andy is working on a tour of the new Channel 7 facility. The staff of Channel 7 are very proud of the renovations and rightly so it's impressive! More on this later.

and... The club Internet Web pages have moved .. The new address is "<http://www.rli.net/np/ham/ham.html>". The look and feel are still the same. Regarding the email option, that has become unmanageable because of frequent moves between Internet service providers and that feature has been eliminated. On a similar note, if you have a paging account with Lawton Cell Page check out <http://www.rli.net/pager.html>. The idea here is to expand on the various capabilities of the Internet. If I missed you at the Christmas meeting I will make a special effort to visit you in January. Did someone say it's time to renew? Until next year, 73.

Paul, KC5CY

From the Emergency Coordinator.

When severe weather is expected, even if not spotting, consider filling your vehicle fuel tanks. If there is no electricity, there is no fuel for your car/pickups after the emergency.

Keep your traffic short!

DON'T repeat what another spotter in your area has just reported - there is no need to confirm previous traffic.

DON'T report your location every time -- the NCS knows where you are.

DON'T report what is not in your area -- unless specifically asked. You tie up the frequency and there may be a spotter available that can more accurately report conditions.

DON'T take corrections from the NCS personally. He/she is trying to run an organized operation. We can all learn from each others mistakes.

Hail comes in several sizes, we must all speak the same language when we talk about the size of hail. Use dime, nickel, quarter, golf-ball, half-dollar, tennis ball, baseball, softball. Sizes like pea or marble are confusing or simply ignored because those items are not standard!

Remember -- during severe weather the majority of hams are listening along with non-hams that may have a scanner turned to the .91 machine. Keep transmissions SHORT! The frequency needs to stay clear so that someone can report 2+ inches of rain per hour, 50+ mph winds, debris in the road (that hinders traffic), flooding, accidents, funnels (it's a tornado AFTER it touches the ground!), tornado and life or limb emergencies.

As we get ready for spring we will have more training opportunities. Training is our friend. The more chances we have to train, the better our response will be before and after the next emergency.

de Bob, W5KCB

DE NL7CO/EM04

METALLICA

After the recent VHF presentation, there were several questions about which antennas work best for VHF use. While it will take a some time to research the issue of tower mounted antenna arrays, the mobile issue comes down to just a few candidates that I know of.

What you want is a low profile, horizontally polarized antenna with a low wind loading. This pretty much limits you to a loop style antenna. Currently for most of the VHF+ bands, you get a choice of either the M2 SQLoops (available from most Ham Radio stores) and Norm Pederson's, KB6KQ (310-925-0733 or KB6KQ@AOL.COM) loops. AEA has recently brought out a 6 meter loop antenna that is supposed to be reviewed in an upcoming issue of CQ-VHF magazine.

I researched which antenna to get by reading the magazine articles in QST, CQ, and 73 (this was before CQ-VHF), and was leaning towards the SQLoop. But after getting on the Internet VHF reflector, it became apparent that the loop

of choice among the "big guns" of rover operators was KB6KQ's loops. I called Norm and ordered one with a 24" mounting mast (cost with shipping - \$66) and used it in the recent September VHF QSO Party with pretty good results. If you want to see one, I leave it mounted on my Explorer almost all of the time and you can see me driving around town with it.

READING

Interested in learning more about VHF+? I recommend the Joe Lynch, N6CL, book "THE VHF HOW TO BOOK". It's written in an informative, "Elmer" style that doesn't talk down to anyone while putting out a lot of information.

WHO'S ON?

I'm trying to gather a list of who has VHF SSB/CW gear in the Lawton area. I personally am interested in 2m, but am willing to include all of the VHF+ bands. So drop me a line at dross@sirinet.net, and I'll generate a list.

1997 ARRL January VHF Sweepstakes

It's time to kick off the first VHF contest of the new year 1997. Football fans, don't fret; you won't even have to miss a game. This event is scheduled to take place on the off weekend between the conference playoffs and the Superbowl -- January 18-20, 1997. It's the perfect thing for an exciting break from the gridiron.

VHF contesting is loads of fun, and you don't need to be a proud owner of a lot of real estate to house your antennas. It really doesn't take a lot of equipment or antennas to have fun in this event. If you have a hand-held or two, you can make dozens of contacts while experiencing the fun and excitement of VHF contesting, but the real fun does come when you get into weak-signal CW and SSB operating. Weak-signal work is where the real bread-and-butter contacts are made. But don't give up if you only have an FM transceiver. You can still have a lot of fun.

The contest period is from 1900 UTC Saturday, January 18, to 0400 UTC, Monday, January 20, 1997. This is from 1300 local on Saturday to 2200 local on Sunday. You can operate during the

entire contest, or as much, or as little, as you like. It's entirely up to you, but the more you operate, the more fun you're going to have. If you have only FM gear, a good choice is QRP portable. It puts you in a different category from the multitudes of serious single operators.

The object of the event is to work as many amateurs in as many different $2^\circ \times 1^\circ$ grid squares as possible using authorized frequencies from 50 MHz and up. You can work stations once per frequency band (rovers can be worked again when they move to a new grid square). When you make a contact during the contest, you transmit the four-digit identifier for the grid square you are in (here in Lawton we are in EM04).

Grid squares are also the contest multipliers. You count the number of different grid squares that you worked per band. QSO points have different values, depending on which band they are made on: 50 and 144-MHz QSOs count 1 point each; 222 and 432-MHz QSOs count 2 points each; 902 and 1296-MHz QSOs count 4 points each; and 2.3-GHz-and-higher QSOs count 8 points each. For your final score, you multiply the sum of all your QSO points times the different grid squares you worked per band.

Rover entries are scored differently. For a rover's final score, multiply the sum of all your QSO points times the number of different grid squares you worked per band (regardless of which grid square they were made in) plus one additional multiplier for every grid square that you activated (made a contact from).

ARRL affiliated clubs compete for gavels in three categories: local, medium and unlimited. If we get enough members who want to compete as a club, I'll do the paperwork for the club.

Start your planning now. Clear your calendar for the weekend of January 18-20, 1997. This is a great opportunity to work new grid squares toward your VUCC, while having loads of fun and excitement, all jam-packed into one weekend. You don't want to miss this one!

Don Ross, NL7CO



OKlahoma DX Association

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

Greetings!

Hello everyone. I hope everyone is enjoying the fall DX and contest season.

I had a great time at the second annual OKDXA Banquet. It was nice to see many long-time friends. Thanks to K5VT and AH9B for the super slide shows.

It's great to see N5OK and N5CG back from their Belau DXpedition. You can read about their adventure in Coy's column starting this month.

You may notice that I took advantage of the vanity call sign program and received the call K5TT. It sure does play better than the old call on CW.

I hear reports that the Oklahoma weather has been playing havoc with some of the newly placed antennas. Remember if it stays up, it isn't big enough. Now read on.

• Help wanted

We need volunteers to champion some of the proposed 1997 OKDXA activities.

Banquet - I have championed the Banquet the past two years and would like for someone else to volunteer for that job. I will certainly stay involved and assist. I am open to moving the location to any other location such as Tulsa, Lawton, Ponca City, or Enid in 1997 if a group would like to host it. Please contact me.

Hamfests - We need someone to coordinate representation at the Oklahoma Hamfests throughout the year. These are great opportunities to publicize OKDXA and have some fun talking DXing and contesting. We just need someone to prepare a list of people who will be at each Hamfest.

Tulsa! - We would like to hold an activity in the Tulsa area. It's up to you people in that area to tell us what you would like to

do. Many of us in the Oklahoma City area will travel there to join with you. Of course everything has its price and we would need some people to pull things together in Tulsa; but it isn't that difficult. Please let us know. The same above offer applies to any other part of the State as well. And finally

• Ham of the year

At the 1996 OKDXA Banquet, Mark Byard, N5OGP was recognized as the first Oklahoma DX Association Ham of the Year. Mark was presented with a nice plaque for his shack and his call was inscribed on the traveling plaque which will be displayed at a location of his choice for the next year.

Mark has literally been the heart and soul of the Oklahoma DX Association during the past year. He holds the office of Secretary/Treasurer which is a large task in itself. He is responsible for much of the creativity and energy that we have seen in the Association during the past year. When any job needs to be done, Mark is always there, ready to help.

The following is a partial list of the contributions Mark has made to the OKDXA and the Amateur Radio Community during the past year:

- Writes/edits the OKDXA column for the C&E.
- Publishes the Kay County ARC Newsletter.
- Volunteer Examiner Liaison with the ARRL VEC
- Created the idea/assisted in development of the OKDXA world-class Internet web page.
- Informs magazines and bulletins of OKDXA activities.
- Created and found sources for OKDXA clothing.
- Net Control of the OKDXA Saturday morning net.
- Represented OKDXA at several hamfests.

On the operating side, he recently completed 80m DXCC and 5BDXCC (not submitted yet). This award requires much dedication and persistence. Besides all the above, Mark is "Just a Super Nice Guy". Please give Mark your congratulations.

That's all for December. Happy Holidays to one and all. 73, Jim K5TT.

-- SEC/TREAS REPORT --

• OKDXA numbers

The current OKDXA membership stands at 82. This is a pretty good "re-up" rate. Thanks for your support of the OKDXA.

• The 1996 Banquet

On November 9, 1996, the OKDXA enjoyed its second annual DX Banquet which was repeated at Edmond, Oklahoma's beautiful River Oaks Gold Club.

True to form, the Boyer family showed their generosity and donated the use of the facility! The doors opened at 2:00 pm and attendees visited until a 3:00 business meeting.

The BBQ and trimmings dinner line formed about 5:00 pm and was catered by Crockett's Smokehouse of Edmond. I dare say that no one left hungry! And there were leftovers to boot!

Our scheduled pre-dinner speaker, Bill Kennamer, K5FUV, manager of the ARRL DXCC program, had to cancel at the last moment due to an injury in his family. So OKDXA member Craig Boyer, AH9B, was called upon (on very short notice!) to fill the spot with a slide presentation of the just-completed November 1996 CY0XX Sable Island DXpedition organized by Murray Adams, WA4DAN. As usual, Craig did a great job despite the fact that his color slides arrived back from the processor the afternoon of the banquet!

After dinner, President Jim Hood, K5TT (ex-WV5S) welcomed the attendees, gave away door prizes, and asked Craig Boyer to present the OKDXA Ham of the Year. Mark Byard, N5OGP, was presented with the 1996-97 award.

After the festivities and second helpings of peach cobbler our featured speaker, Dr. Vince Thompson, K5VT, was introduced and he presented a color slide collage covering his years of travels, both as an Amateur radio operator and as a medical doctor. We really appreciate Vince taking

time out of his hectic schedule to share his love of radio and people! Even though Vince has given hundreds of presentations, this one was, in a way, a first. Vince's mother was present and it was the first time she had seen one of her son's presentations!

Vince would follow the OKDXA banquet with trips to Myanmar and Togo to participate in the XZ1N and 5V7A operations. Just two more notches on the code key to go with the dozens he has already accumulated.

Thanks are extended to all who help pull off another great banquet! These include the Boyer family, Craig, Vince and again, President Jim Hood for all his organization and planning.

• Banquet business meeting

A short business meeting (well ... kinda short! ha) was held at the 1996 OKDXA banquet just prior to the start of the programs. Here is a synopsis of the business conducted.

Incorporation - AA4BG is still monitoring the progress of our incorporation efforts. Steve was out of town and could not give a first-hand report.

OKDXA financial support of the Oklahoma DX PacketCluster System - As a result of several recent requests for OKDXA funds to enhance the Oklahoma DX PacketCluster system, the executive committee and Board of Directors formulated the following loose policy. Requests for monetary assistance to enhance the Oklahoma DX PacketCluster system should be directed to Coy Day, N5OK, who is serving as our Technical Coordinator for the system. All requests will be considered on a case-by-case basis by the executive committee and Board of Directors. Please make sure that requests are for NETWORK enhancement and not a sysop's personal equipment. All equipment purchased by the OKDXA will remain the property of the OKDXA and the appropriate paperwork (copy of the invoice, serial numbers, location of the equipment, and etc.) must be furnished to the Sec/Treas.

WebMaster support - The OKDXA World-Wide-Web site on the Internet is currently being maintained by David Balli, N5XDN, of Ponca City. David, or

the current webmaster, will be paid \$100 per year. It takes considerable time to maintain the site and keep it up to date. And speaking of up to date, if you notice that something needs to be updated or corrected please contact N5OGP. And likewise, if something is slow in getting done it is my fault and not Dave Balli's. I'm the one who directs the changes and Dave just humors me and figures out how to do it! ha Dave is working full-time, going to school full-time, and trying to enjoy his wife and small daughter in whatever free time might bounce his way. So be patient and send him an occasional note of thanks.

Club call sign - Craig, AH9B and Jim, K5TT, volunteered to apply for an OKDXA club call sign. This will be issued from the 2x3, Class D group. After we obtain the call we can petition the FCC under the vanity system for a custom call.

How do we grow the OKDXA - A considerable percentage of the meeting was devoted to brainstorming ideas on how to "grow" the Association, both in terms of numbers and enthusiasm. The following items were mentioned:

- We must strive to grow the statewide cluster system. It is VITAL to our very existence. This takes lots of involvement and money. Several brought up the fact this it is unrealistic to think that the OKDXA budget can support the entire statewide network. Some DX associations take up regular voluntary donations for node support over and above the dues.
- Craig brought up the possibility of reestablishing an Oklahoma QSO party contest sponsored by the OKDXA. He will investigate the feasibility and probe for statewide interest.
- Do we want to improve our influence and presence at the major state hamfests? Simply stated, this just takes people willing to do the planning, man the tables, put on programs, and etc. We also might want to invest in an OKDXA banner or flag to add to the display.
- We would like to share activities in the other major population areas of the state. Would the Tulsa or Lawton area members like to host the 1997 banquet? How about some other event?

• Thanks!

Dear OKDXA Members and President Hood,

I was very surprised and humbled to receive this year's OKDXA Ham of the Year. The plaque is beautiful! It has been my privilege to serve the Association. Many thanks Jim for your kind words.

Until the new year ... 73 de N5OGP

----- THE CONTEST ----- CONTINUUM by Coy Day, N5OK

(Editor's note: The following series by Coy Day details his and Dave Horn's recent ordeal to Belau. I don't think either are laughing yet, but I'm sure that eventually they will be able to look back with a grimace or two! ha The title is introduction enough! Enjoy!)

Murphy goes on DXpedition!

We all have times when we know that destiny is getting ready to deal us a wicked blow! You just have that gut feeling. N5CG (now W5AO) and I had a simple objective. We were going back to Palau (officially Belau) and try to get the new T8 licenses issued and then rack up lots of points in the CQWW SSB contest. The fact that I hate SSB contests should have been a clue that we were in for trouble.

The next clue was that we were having a hard time finding airfare that we could afford. No discounts, no frequent flyer miles, no anything ... but full price! Finally we found a travel agent that gave us a price \$200 cheaper than any of the others. We would have to change airlines and fly a circuitous route returning but we went for it.

We had held off announcing our planned trip until we had tickets in hand. We didn't want to put out the word we were going and then not be able to go. As soon as I advertised that we were going and would be operating from Palau, I started receiving E-mail from JA groups stating that they were also planning on being on Palau for the CQWW SSB contest. They were also going to be in Koror and, by the

way, staying at the same hotel! There were three different JA groups and, by the way, none of them knew that the others were going. Clue three!

So there we were ... we had bought our tickets already so we had to go. We offered to join up with the others and go for multi-multi. But then came the really bad news. The K-B bridge that connects Koror and the big island, where the airport is located had collapsed! The bridge just happened to carry the water and electricity for Koror. Wonderful! Clue four! We called Father Felix in Koror several times to confirm our suspicions. The good news was that the other groups that were going to Koror changed their plans. They were smarter than that. But we had our tickets and they weren't refundable. We decided to go for it.

While weighing my bags to make sure they were under the 70 lb. max, I strained my back. I mean all the way to my knees. Clue five! I was down and couldn't get in to see my doctor before we left. I couldn't stand, sit, walk, or anything but lay flat on my back. I was not looking forward to a flight of 27 hours flying time! I was eating 800 milligram Motrin tabs like they were popcorn. And after all this, when we got to the airport, one of my bags was still over weight. It is a wonder that Dave didn't get down in his back as he had to carry both our bags.

But despite the clues and the pain and agony -- handwriting on the wall, as it were -- we made the flight from OKC to Denver and on to San Fran. That is where Mr. Murphy really got started.

Our plane that we were to take from San Fran to Honolulu broke. We were delayed for over an hour. We arrived in Hawaii late and this made our flight to Guam late. When we arrived in Guam, we were to stay over night, so we had to pick up our luggage. It wasn't there! It didn't make the transfer in Hawaii. By the time we filled out our missing luggage report, it was after midnight and we were in the middle of a tropical storm. Our motel reservations were good only until 9 pm so there was no place to sleep. Our flight out was at 5:30 in the morning. I was in absolute misery with my back. I took a

handful of Motrin and sacked out on a bench in the terminal. Luckily we were on hand to process through customs early for the flight next morning.

They found my hand tools in my carry on baggage and took them away from me. They said I couldn't take them aboard the aircraft and that I would have to put them in my luggage. We didn't have any luggage! I'm not sure how angry I got with those folks but it was quite a battle. I was not feeling too good anyway and was ready to whip somebody. Finally they said they would put the tools in an envelope and give them to the pilot and that I could pick them up at the airport when we arrived in Palau. I had to have those tools. We had shipped the antennas over ahead of us and I knew that even though our rigs were lost somewhere, I could at least put the antennas together while we were waiting for them to arrive.

(Stay tuned! continued next month!)

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

• New call signs

Anderson, Wade, K5TN (ex-KB5EK)
Burnette, Bruce K5PX (ex-NW5H)
Case, Lynn W5LC (ex-WA5DSH)
Hood, Jim K5TT (ex-WV5S)
Horn, Dave W5AO (ex-N5CG)
Martin, Erik N5WR (ex-AA5WQ)
Russell, Dick K6SSD (ex-KJ5VV)

• Welcome new members!

A hearty OKDXA welcome is extended to new member Murray Adams, WA4DAN, of Greenville, NC. Murray is a well-known DXpeditioner, most recently having organized the CY0XX, Sable Is. operation. Murray's membership is courtesy of AH9B. Thanks Craig and welcome Murray!

----- DX NEWS -----

• OKDXA members are first to activate T8!

Congratulations are extended to Dave Horn, W5AO (ex-N5CG) and Coy Day, N5OK, who were the first to activate Belau's brand new T8 prefix. Dave and Coy had a very "challenging" trip and operated as T88T. Coy has several months worth of trip-related articles to

share with us here in the OKDXA newsletter. Stay tuned!

• K5VT appointed to the DXAC

OKDXA member Vince Thompson, K5VT, has recently been appointed by Southwestern Director Fried Heyn, WA6WZO, to the ARRL's DX Advisory Committee. This committee formulates policy for the DXCC program. Congratulations Vince!

• Heard Is. update

Bob Schneider, KK6EK, provides this update on the upcoming Heard Is. DXpedition ...

"On 10 October the second of two 20-ft containers of gear was shipped from Oakland to Reunion Island, the departure point for the expedition. The gear includes complete life support for 20 persons for the three-week stay on Heard Island, plus all the equipment for five complete radios operating on all HF bands, RTTY, and amateur satellite. The team will assemble on Reunion Island during the last week of December. On 3 January 1997 they will leave aboard the *Marion Dufresne* for a 10-day sail to Crozet and then Heard Island. The stations will come on the air on or before 15 January, using the call sign VK0IR.

The total cash budget for the expedition is US\$ 320,000 (almost 2/3 of this cost is transportation to Heard Island). As of mid-October about US\$ 260,000 has been raised or is guaranteed. Donations are greatly appreciated and are not at risk. The expedition team is taking all financial responsibility until the expedition is completed. Should the project fail due to other than an Act of God, the donors monies will be returned. Donations are gratefully accepted via one of the following addresses:

* Heard Island DXpedition, c/o Bob Allphin (K4UEE), 4235 Blackland Dr., Marietta, GA 30067 USA

* Heard Island DXpedition, c/o Peter Casier (ON6TT), Oude Heerbaan 30B-9230 Wetteren, Belgium

* NCDXF, P.O. Box 2368, Stanford, CA. 94309-2368, USA.

• KP3 prefixes start up in Puerto Rico

As has recently happened in Hawaii with the KH7 prefix, Puerto Rico's exhausted

KP4 prefixes have been supplemented by KP3. KP3x stand for an "Extra" class licence, KP3xx for "Advanced", and NP3 for "General" and "Technician". There are still plenty of WP4 calls for the Novice class licensees.

• ZS8IR QSLs printed

The Ohio/Penn DX Bulletin reports that ZS8IR's QSLs (Marion Island) have been printed and in few days QSL Manger Chris, ZS6EZ, will start mailings. Here is the text ...

"Bart, K4CEF (member of the DXAC for the Southeastern Division), reports the following: Chris, ZS6EZ, reports that the ZS8IR cards have finally been printed and are being shipped to him. He also has full logs on his computer. The first batch will go out in about 2 weeks, and he will then proceed to work down the remaining cards in batches, roughly corresponding to the month in which they were received. Those few that sent registered mail will be in the back of the queue, and will get answered with the bureau cards-- Chris has to take leave and drive to the post office (about 15 miles) during office hours to collect the registered mail."

• All LU6Z cards in the mail

The 18 November Ohio/Penn DX Bulletin reports

"Raul, LU6EF, states, We are happy to say that we cleared all direct requests for LU6Z - South Orkney 1995/1996 QSLs. Last big batch of cards were sent during the first week of October, so all of you should have LU6Z QSLs in your hands by now. If it is not your situation, please send a new request to us, and please send only cards to P.O. Box 9, 1875 Wilde, BA., Argentina. Also, PLEASE DO NOT SEND GREEN STAMPS, SEND ONLY IRCs. We are still working with bureau QSLs. If you still need cards from past GACW operations, please let us know. We manage cards for: LU7X - L8D/X - LU3ZI - LU2ZC - LU6UO/Z - and LU5EVB/Z. Again, we are sorry to say that we can not answer all E-mail requests by the same way, although we are taking them for our records... Best Regards. Raul M. Diaz, LU6EF GACW QSL Manager".

• New "news group" for DXers

The OPDXB reports that many still do not know about the DXer's UseNet group available via Internet. Point your news group browser to: rec.radio.amateur.dx

• Future significant DX operations

3Y/Bouvet - The planned trip to Bouvet, organized by the South Sandwich DX Group, will leave Cape Town, South Africa, in December 97. They will use four stations simultaneously, 24 hours a day, with SSB, CW, RTTY and satellite operations. Operators are, at the moment: WA4JQS, AH9B, HB9AHL, W6KNB, W7KNT, XE1L and ZS1FJ.

4J-4K/Azerbaijan - The "DX News Letter" reports to start looking for Axel, DL6KVA (ex Y42DA), to once again be active from the QTH of Vlad, 4K9W. There were no specific dates mentioned. His flight, visa, and also the call sign were all confirmed. Axel will be working CW only and has a very reliable QSL Manager. (opdx)

5R/Madagascar - Ray, 5R8FK and his wife Donie, 5R8FJ are active from Madagascar (AF-013). (425dxn)

5X/Uganda - Joe, G3MRC is now QRV from Uganda as 5X1P after leaving Zaire (from where he was active as 9Q5MRC) due to difficult political situation. QSL via home call. (425dxn)

6W/Senegal - Starting from July 96, for two years, Didier, F5OGL will be active from Dakar, Senegal. Didier plans to work on all bands from 10 to 160m on CW, SSB and RTTY. QSL via F6KEQ.

6Y/Jamaica - Until Nov 98, JE3MAS (ex 5H1HK) will be active from Jamaica as 6Y5XX. QSL via bureau. (425dxn)

9G/Ghana - 9G - In 1997 Steve, PA3GBQ will be again active from Ghana, from where he hopes to participate in the ARRL CW Contest (and probably in ARRL SSB too). The call will be 9G5BQ and Steve hopes to have a licence for 160m. (425dxn)

9Q/Zaire - For about one year, starting in September 96, Fernando, EA4BB will be again QRV from Zaire (all bands SSB and CW) as 9Q5BB. QSL via EA4BB, also via the EA bureau. (425dxn)

A7/Qatar - After being off the air for a few months, Chris, A71CW is again active (including 160m). (425dxn)

A9/Bahrain - A92C, the club station of ARAB (Amateur Radio Association of

Bahrain), is again active after moving their QTH. They can now be heard from 17 UTC on the second and last Tuesday of each month. (425dxn)

BV9P/Pratus Is. - Bolon, BV5AF (President of CTARL & TAMSAT) reports that if propagation improves, Pratus Island might be activated at the end of March 97. (425dxn)

CE9/KC4/Antarctica - Valentin, UW1ZC, is active as R1ANZ from Russian Antarctic base Saam Mirny (WABA UA-07), located on the Guillaume II Coast (66.33S-93.01E) Look for him on 14.150/14.140 MHz between 16 and 18 UTC. QSL via UW1ZC. (425dxn)

D2/Angola - Alex, D25L (PA3DZN), sends OPDX the following: "...upon arrival I've been issued the call D25L. Yes, it could have been shorter (D2L was an option), but I fancied the "5" in there.... Since early October I operated only on three occasions so far; an hour or so sometime mid-October, a few hours before the WW SSB, and the WW SSB itself. Reason being that I "borrowed" the 10 element rotatable log periodic overlooking the Atlantic and a TL922 from the Portuguese army for these purposes as my own equipment had not arrived yet at that time except for my hand-carried TS-50. Also, I wasn't sure where exactly in the country I was going to be so in any event, I could not install my station. Now, however, it has been confirmed that I will go to an area in the southeast of the country, and my own equipment arrived this week as well. I will travel coming Friday, November 8, and with a bit of luck, I'll have my equipment up sometime this weekend. In any case, expect some more activity. QSL this operation via PA3DMH. Looking forward to working you all ..." 73 Alex, D25L (PA3DZN) (opdx)

EK/Armenia - Victor, RV6HKB/EK will be active for about one year from Armenia on 20, 15 and 40m CW. 100 watts and a dipole. QSL via home call. (425DXN)

FT8Z/Amsterdam Is. - FT5ZG is reportedly on his way to Amsterdam Island. He left Reunion Island on November 5th at 1700 local time. He will pass through Crozet and Kerguelen, then he will arrive at Amsterdam around November 20th. He will be using a TS-

450SAT with a R5 antenna and NO AMPLIFIER (but he is looking for any sponsor to send him one !). His length of stay will be one year and will work on the island as a Transmission Officer and postman. QSL Manager is F5RQQ: Vigier Jean Marc, 14, rue Paul Helbronner, 38000 Grenoble, France. By the way, this country is ranked 4 in the ALL TIME MOST WANTED LIST! (opdx)

J5/Guinea-Bissau - Dave, KC9IM, will be active for two years as J52IM. He has installed antennas for 80 and 16m. QSL via KB9XN. (425dxn)

JD1/Ogasawara - From 16 December to 3 January Eiji, JQ1SUO will be active as /JD1. Freqs: CW - 1909-10, 3505, 7005, 10107 and 14025 kHz and SSB - 3795, 3800, 7050, 14240 and 14200 kHz. QSL via home call. He will look for USA stations between 2200 and 0000z on 14240 kHz. QSL to CBA. (425dxn & opdx)

JW/Svalbard - Ula, LA8GV will be active until Oct 97 as JW8GV. QSL via home call. (425dxn)

OZ/Denmark - From 22 December to 3 January 1997 Ulli DL2HEB will be active (mainly CW), 80-10m, as OZ/DL2HEB/p from Romo island (EU-125). QSL via DL2HEB also via bureau. (425dxn)

S7/Seychelles - S79MAD will remain active from Seychelles until August 1997. Paddy works mainly on 20m SSB, CW and RTTY and on 40m SSB and CW. (425dxn)

TL/Central Africa - TL8MS is active again. QSL via DL6NW.

TZ/Mali - Larry, TZ6VV, is now active mainly in CW, on 40, 17 and, mainly, on 30 m. Find him between 10.109-10.115 MHz, around 22 UTC during weekends. QSL via TZ6VV (BP 2786, Bamako, Mali). (425dxn)

VK0/Heard Is. - Jan 15, 1997. See the update in this newsletter.

VP8/Falkland Is. - Until about Nov 98, Brian, ZD7BJ will be active on SSB from the Falklands as VP8CWN. Look for him on 14.240 MHz at about 20 UTC when he is often in QSO with his wife (ZD7XY). (425dxn)

VP8/South Shetland Is. - Starting in December 96 and for all 1997 Mark, SP3GVX will be active from the station HF0POL located at the Antarctic Polish

Base Henryk Arctowski (WABA SP-01) on King George Is. (62.10S 58.32W). Operations will take place mainly on the low bands. QSL via SP3FYM.

VU7/Andaman Is. - Jim, VK9NS, has received his Indian license (VU2JBS), valid for five years and he is now hoping to back to the Andamans. The rumor mill is especially quiet concerning this operation!

ZD7/St. Helena - The "DX News Sheet" reports Johnny, ZD7WRG, is active for the next few months on 80 and 40 meters. He is active daily at 1830z on 14240 and 21355 kHz to make LF band skeds. QSL via WA2JUN. (opdx)

ZK1/South Cook Is. - For at least five months starting from 2 November Gun, DF4DI will be active on all the bands from South Cook Islands using the ZK1DI call. Gun plans also to go for one week to Manihiki (OC-014, North Cook). QSL via DK1RV.

ZK3/Tokelau Is. The "Island News" reports Yvette, F3YA, is active for the next three years as ZK3YA. With operation limited to six hours per day due to power restrictions, look for Yvette on 7003 kHz between 1000-1100z. QSL via home call sign. (425dxn)

ZS8/Marion Is. - Until June-July 1997 Chris, ZS5IR/ZS6RI will be active from Marion Island as ZS8IR. Chris will join the 53th scientific expedition to Marion, as the official doctor and will work from base camp on all the bands, also on 6 and 160 meters, in SSB, CW and RTTY hoping to join major contests. The station will be equipped with an IC-735, a FL-2100Z, PK-232 and antennas will mainly be wire due to high winds. QSL via ZS6EZ (ex-ZS6BCR).

--- MONTHLY FEATURES ---

• Sources for DX info

Jan 96 - *The GOLIST*
 Feb 96 - *QRZ DX*
 Mar 96 - *The DX Bulletin*
 Apr 96 - *The 59(9) DX Report*
 May 96 - open
 Jun 96 - *The DX Magazine*
 Jul 96 - *The 425 DX News*
 Aug 96 - open
 Sep 96 - *The OPDXB*
 Oct 96 - *The ARRL DX Bulletin*
 Nov 96 - open

Dec 96 - DX reflectors

This month concludes my review of "sources" for DX information. We have covered the major printed bulletins, the on-line and on-air bulletins, and now closing the subject I'll give some info on the on-line DX Reflectors.

A "reflector" can be thought of as an Internet near-real-time chat group ... only by email. Physically, the "reflector" is a computer that acts as an email server. The server receives email messages sent to it and then forwards them out to all subscribers. In this way, hot (and not-so-hot) DX information can be disseminated to a very large percentage of the global DX community in near-real-time. The speed with which any reflector operates is dependent upon many factors including its own hardware and software efficiencies, the number of subscribers and the current Internet user load.

You join or subscribe to a reflector by sending a subscription email. Once a subscriber, (its free) you will receive all messages "posted" or sent to the reflector.

There are two DX reflectors currently in existence (that I know of anyway), and several that specialize in subjects like contesting, 160m operation, towers and antennae, and etc.)

Each reflector is managed by a sysop who makes and enforces the "rules". When you subscribe to a reflector, your subscription will be confirmed with an email explaining the rules ... how to use and NOT to use the reflector. Be sure to READ, print out and FILE this message. As with any hardware, the server will occasionally throw a fit and lose it's subscription list and you will have to resubscribe. You'll need your printout to describe this procedure unless you have an awfully good memory! ha Plus if you break the rules, even unknowingly, you'll be chastised by dozens of "reflector police" who's lives are made meaningful by trying to make you conform to their righteous and life-giving images! ha But more important than the flamers is the sysop. Some sysops have zero tolerance for rule breakers and your subscription

will be dropped. For example, asking for QSL info on some reflectors is usually a capital crime! ha Life is simpler when you just know and obey the rules!

Since your message will be forwarded to thousands of DXers it is prudent to make sure it is worthy of their attention. And of course, no matter how correct, worthwhile, and appropriate it may be, there will always be a few who will turn on their flamethrowers. So expect it AND ignore it! Don't clutter up the reflector with arguments. In all avenues and endeavors of life there are a few who's egos require them to play the self-righteous, intolerant know-it-all. The best response to their rudeness is usually NO response. Defend your integrity and intelligence by keeping your own mouth shut! ha ha

Here are subscription instructions for the two major DX reflectors:

The DX Reflector

Sysop: VE7TCP

Status: Currently back in operation after a prolonged down period due to hardware problems and sysop relocation.

Subscribe: Address an email to dx-request@ve7tcp.ampr.org. Put only the word "subscribe" in the body of the message. Of course, do not use the quotes.

The 425 DX News Reflector

Sysop: IK0ZSN

Status: Operational

Subscribe: Address an email to majordomo@pc.fr.flashnet.it. Put only the words "subscribe 425dxnews <address>", where <address> is your email address.

Posting a message to the reflector for all to see requires a different email address than used for subscriptions. Your subscription confirmation email will have all this info.

Well, I hope you have enjoyed this year-long attempt to advertise the major sources of DX information and I trust it has been beneficial. 73 de N5OGP

----- MISCELLANY -----

The Continuing Saga of DXing in Mexico -- or -- How a 2m HT saved the Day by Claude Matchette, KD5RQ

The purpose of the trip to Durango, Mexico was to coordinate with local officials for a large group of dentists and eye doctors to go there in May. When asked if I wanted to go I replied, "Of course! It will give me another chance to be a DX station." Thus started the saga of another trip to Mexico.

The doctors had several good meetings and things looked good for May.

On Friday they visited two schools and examined some 600 children.

On Saturday they visited a village south of Durango and treated over 100 people. Overall the people's teeth were in good condition and they had very few cavities. There is a lot natural fluoride in the water which protects the teeth.

I set up two HF stations. The first was a QRP 20m monobander in the hotel with a dipole on the roof. The other was a Kenwood TS120S with a multiband dipole at the home of a local missionary. DX conditions were good and I made about 150 contacts in two days. I did talk to the six continents and have since gotten the QSL card for a WAC award. All in all it was a good DX trip.

We left Durango on Sunday morning just after sunrise for the return trip. About 20 minutes into the flight the alternator failed and the battery started draining. Now the real saga begins!

Bob turned off the master electrical switch and decided to keep flying north. The airplane uses magnetos and as long as the engine is running the magnetos fire. It was a two hour flight to Chihuahua City with Bob flying and me navigating. There sure are not many landmarks in the desert of northern Chihuahua for navigating by road map, even for this old soldier. At Chihuahua City Bob turned the power on long enough to lower the landing gear and get landing instructions.

After clearing Mexican customs Bob said that if the plane would start we would fly on to Presidio, Texas where we would have to land to clear US customs. The plane started and I got another hour of map reading over the desert. Again Bob turned on the power just so we could land. After clearing customs and refueling, Bob said, "If it will start we are going to go to Lawton." It did start and I got several more hours of navigating by road map over Texas.

Arriving at Lawton Bob turned the power on, lowered the landing gear and ..BANG.. no more power. We could see several small airplanes and one commercial airliner over the airport and we had no way to talk to the control tower. BUT wait, I had my two meter handheld!

I dialed the 146.91 repeater and yelled, "MAYDAY, MAYDAY, MAYDAY."

The first response was from a mobile but I told him that I needed a base station. Don, K5CKQ, answered and I told him to call the Lawton control tower by phone and tell them of our problem and to get us clearance to land. Don made the call and the tower cleared us to land. The tower even held the commercial airliner off while we landed. After we were on the ground Bob called the tower and explained the unusual communications setup. The tower thought it was great and approved of it.

Once again amateur radio proved itself as a means of emergency communications. You can bet that I will always carry my two meter handheld when I am on an airplane.

73 Claude KD5RQ/XE2MOO

(Many thanks to Claude for his entertaining submissions! These types of articles really enhance the readability and worth of the newsletter. If you have articles that you would like to share with the Association please submit them to N5OGP.)

----- The End -----
73 de N5OGP sk

Use the "WE" Word

(Originally written by Dan Feedback, KJ5MX, for the Clear Lake Amateur Radio Club, Radio Amateur Gazette, and adapted by Dick Wells, KH6FHS for the exclusive use of the Collector and Emitter.

Mr. Webster's book of words defines "we", a first person plural pronoun, simply as: "I and the rest of the group that includes me", while referencing the third person plural pronoun, "they" in a more generic sense as "those ones." In fact, "they" is often used generically to refer to some unknown third party to which are often ascribed any number of things, e.g. "they" said this or "they" did that, or, "you know what they say?. Who are the people known as "they?" No one really knows! Shrouded beneath their cloak of enigmatic secrecy "they" can be easily criticized, blamed, berated, blamed, berated, misquoted, slandered, maligned and execrated. Which brings me to the point of all this and why such a seemingly pedantic exploration of pronoun lexicology should appear in an amateur radio club newsletter. Any amateur radio club exists for the purpose of bringing together people with common interests, goals or purposes -- an association of persons who unite for a like cause. In our case, this is the hobby and the fun of amateur radio. Once you become a member of a ham club, you must join with the rest of the membership to become part of a "we" group. This is more than just an abstract concept. If all the members of a club are genuinely part of a "we" group, then the club flourishes. On the other hand, if the majority of individual members refer to the club or its elected

officers as "they", then problems are likely to ensue that risk the club's worth and likelihood of continued success in meeting the goals of a club as stated above.

You may wonder how such problems may develop. Although somewhat difficult to believe, the most common and most serious cause is an individual's misconception of what a club really is. Most clubs assess modest dues on their members. Unfortunately, the payment of dues is often viewed in the same way as are payments for goods or services obtained during the course of daily life. Perhaps unconsciously and certainly inappropriately, the usual model for payment and receipt of goods and services is visualized for a club. That is, a member pays the club dues and then sits back to see what he or she receives in return. It is this misdirected mentality that is the root of the problem. The token dues paid to a club are NOT for goods or services rendered, but to collectively offset the costs of maintaining the club organization. For example, if a club has a number of events that involve the public, it must maintain a large liability insurance policy for protection from an increasingly litigious society. You have the term. "I'm a dues paying member." However, paying club dues is where your membership should begin -- not end. Even our elected officers are "dues paying members", but they have chosen to give more of themselves to the club than just a few dollars. The dues you pay puts your name on the club roster. YOU must put yourself in the membership by becoming a part of the "we" group.

Can you become "we", or must you talk about "they? Ham radio has enough

problems without distention. Let's all of us "we's" get together and make it a better hobby.

Submitted by Dick, KH6FHS with consideration and thanks to the original author, and apologies for my inserts.

(Dan Feedback, KJ5MX, is a scientist for NASA at JSC in Houston, and a very active member of the Clear Lake Amateur Radio Club

HAM TESTING FEE GOING UP IN 1997

The price of getting a ham license is going up in 1997. This is in accordance with an October 31st FCC Public Notice setting the maximum volunteer examiner expense reimbursement at \$6.26 for 1997.

The current maximum is \$6.07. The new figure is based on a 3.13 percent increase in the Department of Labor Consumer Price Index. This, as calculated over the period September 1995 to September 1996.

The ARRL VEC says that it has set its 1997 Amateur Radio test fee at \$6.25. Also as an ARRL VEC policy, examinations for the 5 wpm code test and / or the Novice written examination will not be charged the standard fee in 1997.

This fee schedule applies only to the ARRL. Each VEC is free to charge any amount as long as it does not accede the 1997 \$6.26 maximum fee.

Jim Nolen
Enrolled Agent

Jimmie Nolen
Steve Moore

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A. R. R. L. Bulletins

From ARRL Headquarters
Newington CT
To all radio amateurs

ARRL Bulletin 84
November 19, 1996

Vanity program on hold

The FCC has confirmed reports that no more Gate 2 vanity call sign applications will be processed until Commission personnel deal with complaints from several hams whose vanity applications arrived too early and were dismissed. An FCC spokesman in Washington said the affected hams all had used the same express service and had requested delivery on Saturday, September 21, so they would be in the queue for the opening day of Gate 2 on September 23. Instead, all of the applications arrived on Friday, September 20, were designated as "untimely filed" and dismissed by the FCC.

The affected applicants are seeking to have their applications reinstated. The FCC spokesman said he had "no idea" when a decision would be made in the matter. "The irony of it is, in many cases, the call signs they would like have already been assigned," he said. The affected applicants were not aware that their applications had been dismissed until a week or so after the opening of Gate 2. The FCC spokesman said the issue is under review. At best, the applications could be included with the day-two applications; at worst, they could stay dismissed, he said.

Meanwhile, an FCC spokeswoman said personnel at the Gettysburg office were "a little more than halfway" through the stack of up to 550 day-one vanity applications that needed some kind of special handling--which the FCC calls WIPS for "works in process." As many as 550 first-day applications ended up in

WIPS, either because the FCC was unable to match one of the applicant's call sign choices or because the application contained "inconsistencies"--some as simple as a date of birth on an application that was missing or failed to match one already in the FCC's database.

ARRL Bulletin 83
November 19, 1996

Vanity update: The ticket's in the mail.

The FCC says hard copies of the November 4 grants were mailed on November 8 and November 12, so new call sign holders should have their new tickets soon. Unsuccessful applicants will get dismissal notices once the FCC works through its stack of WIPS--or works-in-process-- those applications that need some kind of special handling. As many as 550 first-day applications ended up in the WIPS pile, either because the FCC was unable to match one of the applicant's call sign choices or because the application had other problems. Some of these were as simple as a date of birth on an application that was missing or failed to match one already in the FCC's database. Others included an incorrect call sign on an application, a name change not reported, or putting first and last name in the wrong order.

If you're in the WIPS pile for a reason other than "no match," a new call sign already may have been attached to your application. So far, there have been 3805 successful Gate 2 applicants. Many 1x2 call signs remain. As of this week, more than 6000 1x2 calls in all US districts remained available. The FCC has not said when it will process the approximately 1400 Gate 2 applications that were received after September 23, the opening day for Gate 2.

If your application is dismissed, you will have to apply to the FCC in writing to obtain a refund of your application fee. The FCC will not apply your first 30 dollar(s) filing fee toward a second application. You must request a refund if you want your money back.

ARRL Bulletin 82
November 19, 1996

SM election results

Ballots have been counted in the Section Manager election for the New York City/Long Island Section. The term of office begins January 1, 1997.

The results are Len Buonaiuto, KE2LE, 528. Andrew Borrok, N2TZX, 442. Buonaiuto was declared elected.

SM positions in seven other sections were not contested. The following were declared elected.

In Eastern Massachusetts, Larry Ober, W1MW.

In Missouri, Roger Volk, K0GOB.

In Nebraska, Bill McCollum, KE0XQ.

In Northern New York, Charles Orem, KD2AJ.

In South Carolina, David Berry, KE4OOW.

In Southern New Jersey, Jean Priestley, KA2YKN.

In Western Pennsylvania, William Edgar, N3LLR.

ARRL Bulletin 81
November 16, 1996

Election results

The ARRL Committee of Tellers for the election of directors and vice directors for the 1997 through 1998 term met at ARRL Headquarters November 15 to count ballots. Here are the results.

Hudson division for director,
Frank Fallon, N2FF, 2168.
Richard Sandell, WK6R, 1680.

New England division for director,
Tom Frenaye, K1KI, 2705.
Bill Burden, WB1BRE, 1523.

Northwestern division for director,
Mary Lou Brown, NM7N, 2902.
Mary Lewis, W7QGP, 1803.

Roanoke division for director,
John Kanode, N4MM, 2340.
Reed Whitten, AB4W, 2095.

Rocky Mountain division for director,
Marshall Quiat, AG0X, 1490.

Gunnar Carlson, AE4W, 768.

Southwestern division for director,
Fried Heyn, WA6WZO, 4010.
Glenn Webb, W6FP, 1973.

Central division for vice director,
Howard Huntington, K9KM, 2188.
Mike Hoshiko, W9CJW, 2095.

Hudson division for vice director,
J.P. Kleinhaus, W2XX, 1905.
Peter Malvasi, WB2BYQ, 1864.

New England division for vice director,
Don Haney, KA1T, 2908.
Hal Offutt, W1NN, 1274.

In each case the candidate receiving the greatest number of votes was declared elected. The terms of office are for two years, beginning at noon January 1, 1997.

ARRL Bulletin 80
November 14, 1996

New 2.3 GHz service

The FCC has proposed to create a new Wireless Communications Service (WCS) in the 2305-2320 and 2345-2360 MHz bands and to award licenses on the basis of competitive bidding. The bands include a 5 MHz segment that Amateur Radio shares with government services between 2305 and 2310 MHz. Just before it adjourned, the 104th Congress approved a provision as part of the much-larger appropriations bill that directed the FCC to put the 30 MHz of spectrum in the 2.3 GHz region up for competitive bidding to help balance the budget. It's believed to be the first time the Congress has ordered the reallocation of specific frequencies.

The National Telecommunications and Information Administration (NTIA) had identified for reallocation the amateur segments 2300-2310 MHz and 2390-2400 MHz in May 1994, so reallocation of part of that subband came as no surprise. At its special session in October, the ARRL Board of Directors approved a proposal to seek an increase in the amateur service allocation status, from secondary to primary, in the 2300-2305 MHz segment.

The FCC says the new WCS service would allow licensees to provide any fixed, mobile or radiolocation service, or

satellite Digital Audio Radio Services (satellite DARS), consistent with the international frequency allocations for these bands. The Commission also proposed to adopt no restrictions on eligibility for a WCS license and to allow WCS licensees "to partition their service areas, disaggregate spectrum, and franchise portions of their spectrum or service areas on a leased basis."

Competitive bidding for the two segments will begin no later than next April 15. Comments are due by December 4, 1996, and reply comments by December 16, 1996.

ARRL Bulletin 79
November 13, 1996

Vanity call update

The FCC calls them WIPS--"works in process"--applications that need some kind of special handling. But for up to 12 per cent of first-day Gate 2 vanity call sign applicants, WIPS means "no new call sign." It now appears that as many as 550 first-day applications ended up in the WIPS pile for a variety of "inconsistencies"--some as simple as an address on an application that failed to match one already in the FCC's database. The FCC said this week that it hopes to clear its decks of all first-day vanity WIPS by November 15. An FCC spokeswoman in Gettysburg says that being in the WIPS stack does not necessarily mean you "missed out" on getting one of your call sign choices. Depending on the WIPS category (the FCC's not telling what those are), a new call sign already may have been attached to many of the applications that are being held up. New Gate 2 grants since November 4 have brought the grand total of successful applicants to 3805.

It's now estimated that some 200 first-day Gate 2 applications were dismissed by the FCC, most because all of the applicants' call sign choices already had been granted to other hams. Still, many 1x2 call signs remain. As of this week, more than 6000 1x2 calls in all US districts remained available--substantially more than the number of vanity call signs the FCC has issued under Gate 2 to date.

Still not known is just when Gettysburg will process Gate 2 applications that were received after September 23, the opening day for Gate 2. An FCC spokeswoman said this week she had "no idea" when that would happen. Applications from approximately 1400 hams arrived at the FCC in the days following the opening of Gate 2.

Although the FCC did not release the initial day-one grants until Tuesday, November 5, the applications actually were processed--and the licenses dated--on November 4. The FCC spokeswoman said that computer problems on the morning of November 5 prevented the release of the database file until late that afternoon.

ARRL Bulletin 78
November 5, 1996

Vanity call sign Gate 2 calls processed.

The FCC has processed the vanity call sign program Gate 2 applications it received on September 23. The logjam broke just before the end of business for the day at the FCC's Gettysburg, Pennsylvania, office, where the amateur computer system had been down for more than a week. A spokesman at the FCC said the computer system was finally fixed Tuesday, November 5, and the approximately 4500 first-day vanity applications were successfully run.

Applicants can check for their new call signs via the ARRLWeb page at <http://www.arrl.org/fcc/fccld.html>.

The week-long computer problems had not only affected the vanity program but caused the FCC to rescind all call sign grants after October 24 because of widespread errors. In some cases, the FCC's Gettysburg office had reissued call signs that had already been issued. An FCC spokesman said that the unspecified computer problems were not related to the vanity call sign program.

The FCC says it wants to see how the day-one processing fared before it attempts to process vanity call sign applications for subsequent days. This should happen within "a few days," a spokesman at Gettysburg said. Day-one applicants also

can check the popular database programs on the Internet to find out if they got one of their call sign choices. The KI4HN Web page lists vanity assignments at <http://www.webbuild.com/~ki4hn/vanity.htm>. Other good choices include the AC6PN call sign server, <http://www.rdatasys.com/~mdowning/fcc/callsign.html> and the CallBook Server (CBS) Summary at http://www.lantz.com/htbin/cbs_today.

The FCC will dismiss applications if it was unable to grant one of the call sign choices. Applicants who did not get one of their choices will have to apply in writing for a refund of the 30 dollar filing fee.

The FCC has not announced opening dates for vanity Gates 3 and 4.

ARRL Bulletin 77

October 31, 1996

FCC computer update

Once again, the word from Gettysburg is "next week." Maybe it was early Halloween gremlins, but unexpected problems that have plagued the amateur computer system at the FCC's Gettysburg office all week have all but eliminated any chance that Gate 2 vanity call signs will be issued in time for this weekend's ARRL November Sweepstakes CW contest. Hams antsy to learn when they'll get one of their vanity requests have besieged the FCC with phone calls this week. A spokesman at Gettysburg said Thursday, however, that he doubts that the FCC will be ready to issue any vanity call signs until sometime next week. "I'm 90 per cent sure it's not going to make it this week," he said.

Some optimism flared when October 30 grants appeared in some call sign databases, leading to speculation that the vanity call signs might soon follow. However, the FCC has announced that any grants dated after October 24, 1996, are invalid because many of them were erroneous.

The unspecified computer problems are not related to the vanity call sign program. FCC personnel in Gettysburg already have entered data from the more than 4500 first-day Gate 2 applications,

and are poised to start granting licenses once the computer problems are resolved, the spokesman said. The FCC anticipates that event could happen "by the end of next week." It's not known how long it will take to process all of the first-day applications, since this will be the first time the FCC has run the program using "live" data. Before processing, however, the FCC wants to "be sure everything is going to work well," the spokesman said. In the meantime, hams are asked to be patient and to refrain from calling the FCC to inquire about the status of their vanity call sign applications.

ARRL Bulletin 76

October 30, 1996

FCC computer down

The FCC's Gettysburg, Pennsylvania, office reports that its amateur computer system has been down for the past two days because of unspecified difficulties. Despite the current problems, the FCC still hopes to begin issuing Gate 2 vanity call sign grants by the end of this week, starting with the first-day applications now entered into their computer system.

Hams are asked to be patient and to refrain from calling the FCC to inquire about the status of their vanity call sign applications. The Gettysburg FCC Office Consumer Assistance Staff is not able to provide further details on the delay.

On a related note, due to the amateur system difficulties, no new amateur license or upgrade grants have been released since this past weekend.

ARRL Bulletin 75

October 29, 1996

ARRL Board meets

The ARRL Board of Directors met in special session October 24 and 26, 1996, at Windsor Locks, Connecticut. The following is a summary of major Board actions.

The League will seek an extension of the compliance date, currently set for January 1, 1997, of new RF safety regulations released in ET Docket 93-62, to January 1, 1998, allowing more time for drafting of acceptable implementation guidelines.

Responding to the continuing problem of minimal FCC enforcement activity, the ARRL will petition the FCC to create procedures to allow submission of private sector complaints of serious rule violations directly to the FCC's Chief Administrative Law Judge, hurdling bureau processing delays.

ARRL President Rodney Stafford, KB6ZV, was authorized to sign a formal agreement with the National Frequency Coordinators' Council, effecting the so-called single point of contact concept.

The ARRL will petition the FCC for a relaxation of the rules governing the Radio Amateur Civil Emergency Service to permit stations operating under RACES to communicate with non-RACES amateur stations actively engaged in an emergency or drill. An increase in the time limit on RACES drills to five hours per week will also be sought.

In view of the congressional mandate imposed on the FCC to auction the 2305-2320 MHz band for commercial purposes, ARRL will seek an increase in the amateur service allocation status, from secondary to primary, in the 2300-2305 MHz segment.

The Board adopted revised legislative positions for the 105th Congress.

The Board's WRC-99 planning committee will study an ARRL Industry Advisory Council recommendation to extend HF digital privileges to Novice and Technician Plus licensees and report back to the Board.

Effective July 1, 1997, ARRL dues of Full and Associate Members will increase to 34 dollars annually. The senior dues rate will be increased to 28 dollars.

The Board declared the theme of the 1997 ARRL National Convention in Jacksonville, Florida, to be Public Service. The Board also declared 1997 as the ARRL Year of Public Service, in recognition of the critical importance of public service activities in the amateur community.

The Board commended retiring West Gulf Division Director Tom Comstock, N5TC, for his long-time dedication and service to the ARRL.

Details will appear in January QST.

Flying Repeater?

By Tom Webb, WA9AFM

A flying repeater in space??? I would probably be every ham's dream. Miles above the earth...world-wide coverage...no noise!! Well, it's no dream; the Russian Space Station MIR recently activated a 70cm repeater.

MIR crosses North America three to four times a day with passes ranging from directly overhead to just above the horizon. The windows (access time) range from a few minutes to over 10 minutes. And with an altitude of just over 400km (+/- 250 miles), the space-based repeater can be easily accessed by a medium power 70cm FM transceiver.

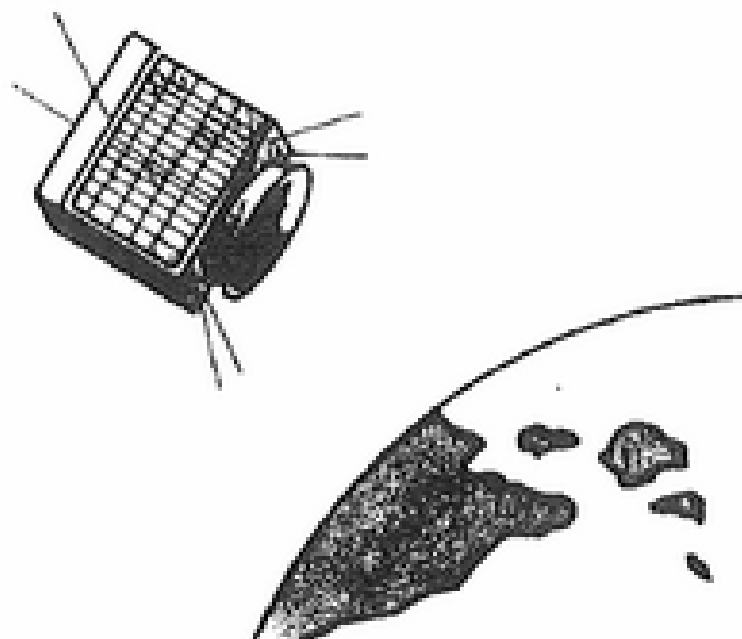
The downlink center frequency is 437.950 MHz; the uplink center frequency is 435.750 MHz. Before trying to access the MIR repeater, try listening for a few days and get the feel of how Doppler Shift effects the downlink frequency. Doppler Shift can be as much as +/-10KHz either side of center frequency and depending on the time of the pass change rapidly or be rock steady.

Once you have the feel of the Doppler Effect, you're now ready to set up your 70cm transceiver. The split between up and downlink is approximately 2.2MHz. This is approximate as, once again, Doppler Shift will impact the exact uplink frequency. The repeater also "inverts"; as the downlink frequency goes lower in frequency, the uplink frequency goes up.

Now, for the nuts and bolts; how to setup your transceiver. If you have an

abundance of memory channels, you're in luck. So far, the most successful operating techniques seems to be listening on the high side of the downlink (with the uplink on the low side) and simply following the signal.

Several folks regularly working MIR start with a memory channel and program 437.960MHz (10KHz above center) for downlink and 435.742MHz (approximately 2.2Mhz down) for the uplink. Also, you will need to program a CCTS tone (141.3) into the transmit memory. Continue moving up the memory channels reducing the receive and increasing the transmit memories in 1KHz steps. 437.942MHz should suffice for the top (or low) end.



When attempting to work the MIR, don't transmit until you can hear the repeater. Power levels should be kept to a minimum; 25-50 watts should be more than enough. Starting at the high end, "kerchunk" (yes, you heard me) to see if you are hitting the repeater. If you have a discriminator meter on your rig, this will help you find the actual downlink frequency and hopefully, the uplink will be within the 2.2MHz window.

Signals are amazingly clear and noise free, just like a local repeater. However, this repeater is moving at +17,000 MPH and won't be in the neighborhood very long, so QSO's must be short and to the point.

The MIR repeater is new and effective operating techniques are still in the experimental stage. Even so, this is a simple and inexpensive way to participate in amateur radio space communications.

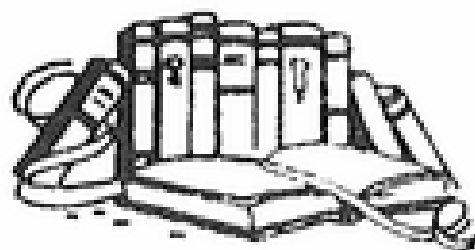
THE END OF AO-13

The Amsat Oscar 13 satellite is quickly nearing the end of its life. AO-13 is expected to de-orbit before the end of November and burn up as it re-enters the Earth's atmosphere. The satellite is already showing signs of imminent failure with the heat levels in its solar panels rising to far above normal temperatures on each pass.

Even with AO-13 gone, hams will continue to have access to space relay communications. Still up there are the aging Amsat Oscar 10, several Russian Radiosport satellites and the new SAFEX 2 FM repeater on board the MIR. Also, Phase 3D is scheduled for launch next spring.

CONGRESSIONAL LOSS

Ham radio no longer has any direct representation in congress. Freshman Republican Congressman David Funderburk, K4TPJ, the only licensed radio amateur in the 104th Congress, lost his bid for re-election in North Carolina's second district three weeks ago.



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Up - Coming Swapmeets

December 14, 1996 - Midwest City Swap Meet sponsored by Choctaw Amateur Radio Club. From 8:00 a.m. to 12 noon. Location Midwest City Community Center. For more information contact Bill, N9SQV at 390-1514.

ANNOUNCEMENTS

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

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

VE exams 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. **No test in December!**

VE exams on 4th Saturday of each month are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact Rick Alderete, AA5UU for details.

VE exams on the 2nd 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 1st Saturday of each month at 1430 in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

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

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

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

Night Owl - Daily @ 10:30 p.m. on 146.07/67 with alternate 146.325/925.

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 3856.5kHz.

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 input.

YES! THERE IS JUSTICE

!!

This from Doug Dickinson, KL7IKX up in Anchorage Alaska. Doug says that a few nights ago he chanced to look out of a window in the living area. The lights were off, so it was easy to see outside but nobody could see back in.

Doug says that he noticed two young people leave their snow machine in his front yard. They came into the driveway with a gas can, went to his car and sucked out about two gallons of fuel. Next they mixed oil with it, went back to their snow machine and poured the mixture into the gas tank. They then pulled the starter rope. In fact they pulled, and pulled and pulled and pulled on the rope, then they pulled some more. Finally, they gave up and the two young fuel thieves departed on foot!

What the teens did not know is that KL7IKX drives a diesel car. What they had done was to steal number one diesel oil and mixed it with 2 cycle oil. The numerous attempts to start their snow machine, made sure that the bad mixture was thoroughly circulated throughout the snow mobiles fuel system.

Doug says that it was all worth waiting and watching. He adds that he only wishes he had turned on the ATV transmitter and camera, and taped this event. This, to show to his fellow hams at a later date.

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December 1 to January 4, 1997 Schedule of Events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 6:30 p.m. LFSARC Christmas Dinner	4	5 7:30 p.m. CARA	6 <i>Hanukkah Begins</i>	7 10:00 a.m. Ada ARC
8 1:30 p.m. Wheatstraw Christmas Dinner	9	10	11	12 7:00 p.m. Altus Area ARC	13 7:30 p.m. ACARC Christmas Dinner	14 6:30 p.m. CARC / EARS Christmas Dinners
15	16 7:00 p.m. OCAPA Christmas Dinner	17 7:00 p.m. SCARS Christmas Dinner	18	19	20	21 9:00 a.m. VE Exams (RSC) 11:00 a.m. VHF Club
22	23 6:00 p.m. CORA VE Exams	24 7:00 p.m. Shawnee VE Exams	25 <i>Christmas Day</i>	26	27 C&E Deadline 	28
29	30	31	1 <i>New Years Day</i>	2 7:00 p.m. Aeronautical Center 7:30 p.m. CARA	3	4 10:00 a.m. Ada ARC



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