

Collector & Emitter

Central Oklahoma Radio
Amateurs, Inc. Publication

November 2000
Volume 26, Number 11
Issue 309
75¢

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Periodical Mail

Are You Ready??

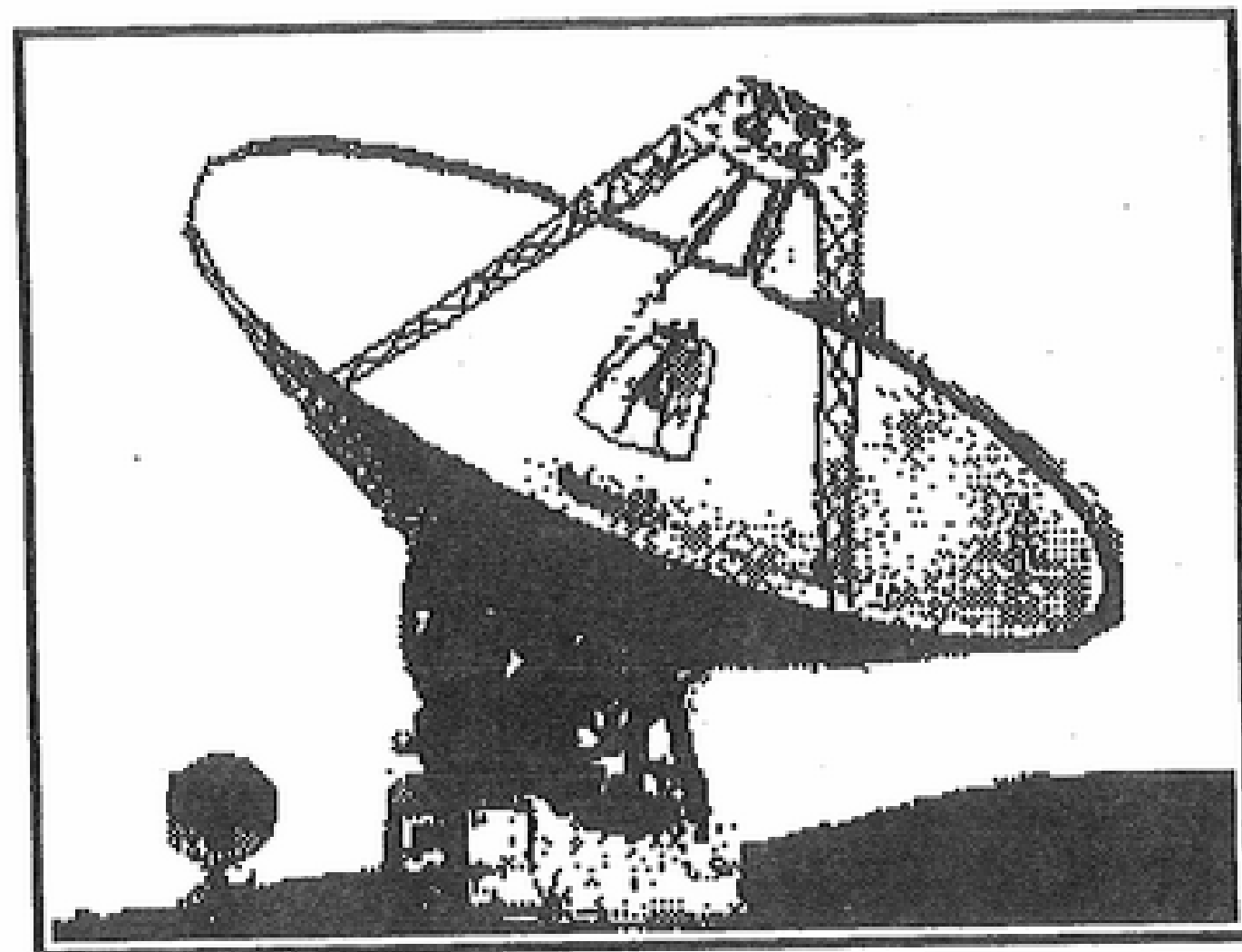
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Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio Amateurs, Inc.****President: Tom Miller, KD5ENL****V Pres.: Jerry Sproul, WA5JS****Secretary: Forrest Rush, N5VWF****Treasurer: Harold Miller, KB1ZQ****Web Page -****www.geocities.com/heartland/7332**

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:

2000/12 1 2 4 6 MZ
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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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1. Aeronautical Center ARC Meets: 7:30 p.m., 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor:	10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Larry Shima, W0PAN 405-721-8138 VP: Cliff Sikes, N5UW 405-997-3280 VP: Dick Stricker, NJ5S 580-233-9869 Sec/Tr.: Jerry Chouninard, K5YAA 918-341-2659 Editor: Nelson Derks, AC5UP 918-451-1594
2. Oklahoma Central VHF ARC Meets: 11:30a.m., 2nd Wednesday, Home Town Buffet, 3900 NW 63 rd , Oklahoma City Pres.: Bill Noland, WA5FWD 354-5018 VP: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AI 842-3055 Editor:	11. Edmond Amateur Radio Society Meets: 2:00 p.m., 3rd Sunday, Edmond Community Building 28 E Main, Edmond OK Pres.: Curtis Foote, KC5GEP 359-6514 VP: David Wolf, KC5KJE 340-7486 Sec: Robert Coxey, KM5GZ 478-5715 Treas.: Gary Carson, KD5CPL 751-0006 Editor: Curtis Foote, KC5GEP 359-6514 http://edmondsun.com/cars
4. Oklahoma City Autopatch Assn. Meets: 7:30 p.m., 3rd Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (Back Door) Pres.: Mark Hamblin, WL7FT 732-2087 VP: Ron McCubbin, KC5QCV 341-0591 Sec: Clay Mayrose, WA6LBU Treas.: Mark Watkins, NM5W 340-8596 E-mail: ocapa@juno.com	
6. Altus Area Amateur Radio Assn. Meets: 7:00 p.m. 2nd Thursday, Southwest Area Vo-Tech Center, 711 W Tamarack Altus, OK Pres.: Dale Town, N5VX 580-477-4027 VP: Mike Schenkel, W5VXU 580-846-5578 Sec: Ron Roman, KD5CYW 580-482-8446 Treas.: Fred Cramer, KC5SRJ Editor: Ron Roman, KD5CYW 580-482-8446	15. South Canadian ARS Meets: 9:30 a.m., 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Tom Miller, KD5ENL 321-7889 VP: Ed Berkowitz, N3US 364-8884 Sec: Bill Baker, N5UMH 366-8641 Tr: Jeff Wyke, KT5OK 329-6762 http://www.telepath.com/n5dkr
7. Enid Amateur Radio Club Meets: 7:00 p.m. 4th Thursday, American Red Cross 400 N Grand, Enid, OK Pres.: John Turner, KA7GLA 580-242-6802 VP: Al Fox, KD5BA 580-242-4800 Sec: Dave Chael, KC5GUD 580-242-3445 Treas.: Dwayne Posey, KC5QVS 580-237-3218 Editor: Dick Stricker, NJ5S 580-233-9869	17. Ada Amateur Radio Club Meets: 9:00 a.m., 1st Saturday, Salvation Army Bldg 115 N. Oak St., Ada, OK Pres.: Steve Wilson, KD5DKZ 580-332-1473 VP: Charles Eiter, KC5TGA 580-436-4425 Sec: Darla Coffey, KC5RGU 580-436-1271 Tr: Marie Wilson, KD5EXM 580-332-1473
8. Choctaw Amateur Radio Club Meets: 7:00 p.m., 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Dave Downing, WD5G 736-6377 VP: Don McDown, N5ENQ 732-6749 Sec: Tim Harper, KC5DSW 391-3096 Treas.: Ron Ernest, WB9DAF 769-3207 Editor:	19. Tri-State Amateur Radio Group Meets: 7:30 p.m., 2nd Thursday, Woodward, OK Pres.: James Hand, NW5OK 580-994-6118 VP: Larry Goodwin Sr. K5LHG 580-886-3283 Sec/Tr: Gerald Bowman, W5AOK 580-994-5600 E-mail: w5okt@arrl.net
9. Wheatstraw Amateur Radio Club Meets: 2:30 p.m., 2 nd Sunday, Location Varies Pres.: Neal Kappus, N5KCO 405-262-1151 VP: Ray Barnes, AB5Z 580-274-3334 Sec/Tr.: Joe Garland, WA5FLT 405-893-2660 Editor: Ralph Wilder, Wa5PFK 405-623-5421	Central Oklahoma Radio Amateurs Meets: 7:30p.m., 4th Tuesday, Salvation Army Bldg NW 50 th and Penn, OKC (BackDoor) Pres.: Tom Miller, KD5ENL 321-7889 VP: Jerry Sproul, WA5JS 354-2061 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Harold Miller, KB1ZQ 672-7735 Editor: Harold Miller, KB1ZQ 672-7735 E-mail: corahams@swbell.net

Deadline for November 2000 Issue of *Collector and Emitter* is Friday, November 24, 2000. Send all Articles to *Collector and Emitter*, 4216 Spiva Drive Del City, OK 73115-4424 on 3 ½ inch floppy or e-mail to corahams@swbell.net. Articles received after the deadline may not be printed that month. Questions please do not hesitate to call - 405-672-7735 / 405-650-9963.

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for October 24, 2000.

The meeting was opened by the new president of CORA, Tom Miller, KD5ENL. Introductions were made all around. All the officers and directors from two clubs (EARS & OCAPA) were present.

Secretary's Report - The Secretary's minutes were approved as printed in the C&E.

Treasurer's Report - The Treasurer's report was accepted. CORA has seed money for Ham Holiday 2001, and all bills are now paid.

President's Report - The President made his report. The documentation necessary to get ARRL sanction for Ham Holiday 2001 will be in the mail by this weekend. The President handed out copies of the ARRL Convention and Hamfest Planner for the Directors to read.

It's hoped that a few good ideas can be found to improve Ham Holiday.

New Business:

Motion was made by Ron, KC5QCV, that CORA has its books audited once a year by a professional.

Motion was seconded by Mark, WL7FT and passed.

The meeting Adjourned at 9 PM.

Respectfully Submitted,
Forrest Rush, N5VWF
CORA Secretary

From the Secretary's Desk

I would like to remind each club that **they need to elect three Directors** who will represent their club at CORA's monthly meeting. The primary business of CORA is to organize Ham Holiday. I would especially like to see more participation by the CORA members in the Greater OKC

area (OCAPA, EARS, the Aeronautical Center, SCARS, and Choctaw). CORA meets on the fourth Tuesday of every month, beginning at 7:30 PM. If you are late use 146.52 simplex, which we monitor for late arrivals, so we can let you into the meeting.

VISITORS ARE WELCOME

At this past meeting we had two directors, one visitor, and four officers.

The clubs need to elect Directors who will attend the meetings.

Forrest Rush, N5VWF

Are you ready??

April 19, 1995; June 13, 1998; May 3, 1999; October 22, 2000. These are dates that we as Oklahomans will remember, some not as well as others. These are the dates of disasters and warnings happened in our state. We all remember the bombing, or the tornado's of June 13, 1998 in north Oklahoma City and of course the infamous May 3rd storm. On October 22 another small F1 tornado passed several miles to the west of the May 3rd path. Only minor damage was reported but the spotters were out and a severe weather net was activated.

When the sirens went off in Del City this last round Linda and I started gathering things we might need in the event of disaster. I realized then that when the sirens are sounding and the TV is spouting warnings and the storm is upon you that it is too late to get ready.

What I have done for both Linda and I is set up a response bag of sorts. I had 2 small fanny packs, the type used to carry things when on a hike or walk. I have taken these and placed the needed items in them ready to go.

First off the packs I have consist of 3 pockets. The outer one is just right to carry the extra batteries for our handie talkies. I have both my batteries in mine as I have a 12 volt power adapter for mobile operation.

In the next pocket I have placed a book lamp. This is one of those clip on lights for reading at night. They are great for hands free operation in tight spots. Also I have included a couple of 8 to 12 hour

lightsticks, one white and one red. The handie talkie antenna is stored here also waiting to be used outside the car.

The last pocket is just right to keep papers in. Although the pack is possibly watertight I would recommend keeping your papers in a plastic baggie such as a zip lock. (a lesson learned in the military while on field exercises)

This along with the ability to snatch the magnetic mount antenna from the car makes it much easier for me to go. I have modified all my magnetic mount antennas to BNC connectors and bought the proper adapters to run Linda's handie as well. (her's has an SMA antenna connector).

Since the May 3rd storm and recovery I have also made other purchases for my home. A generator, 5250W, gasoline unit along with 100 feet of grounded extension cord. Several quarts of oil and a 5-gallon can of gas is kept handy. One thing I did buy was a voltmeter from Radio Shack, it plugs into the generator socket and monitors the output.

I have other changes to the house once we take possession. But those will come later. The big issue here is are you ready to run out the door to help your neighbor's or to carry on if your hit with disaster.

With the Christmas season coming now is the time to tell Santa that you need that extra battery for the handie, or a handie if you don't have one. Radio Shack carries a small fanny pack designed to carry small electronic devices or maybe you have a suitable on sitting around.

Start packing people, spring is coming and it won't wait for us to get ready. Now is the time to get on the move and prepare for the worst. Mother Nature will give it her best to see if we are prepared for her.

This is nothing new, folks across the country have their seasonal preparations to make, those in the cold areas make sure the car is ready for winter, place blankets, shovels, and other necessities in the car in the event of snow or blizzard. We need to be ready for anything as man and nature has shown us.

Are you Ready???

Hal, KB1ZQ

Chit-Chat

By Linda NILPN

Thoughts....

The rains have finally come to our beautiful state! We have been praying for rain for so long that when it did come, it brought with it flooding, tornadoes and Hail. Still, we did need the rain and the statewide burn ban has been lifted. Every single drop holds within it 'life giving nourishment' for our thirsty earth.

The holiday season is fast approaching and will be here before we know it. My family is in Texas and Hal's is in Maine. Mike works every holiday straight through, from opening to closing. Hal somehow is given 'Stand-by' for his job so we stay home for the holidays. Life changes and sometimes I do miss the large family gatherings. Still, I have learned to adapt to these changes and rejoice in the quiet time shared.

I cherish the time I am able to spend with my small family. I have scaled down the meals and in the process have created more free time for myself. I always make a plate for Mike and he looks forward to eating it when he comes home after serving others their meals all day long.

Life is constantly changing. Seasons come and go like clockwork. Sometimes, they progress on a timetable only they can understand and follow, but change does come. The holidays will soon be here and I stopped rushing around years ago. I discovered long ago that the holiday season is not about Food or Gifts. It is about 'State of Mind!'

No, I have not lost it here. The holiday season gives most people an excuse to be 'nice' to each other. For families, they use the season as an opportunity to mend broken ties. For other people, it is a time to give of themselves to charities. The truth is once the holiday season ends; most people go back to being self-involved once more for another year. Personally, I think we could carry the feeling of good will toward each other throughout the year, it is all a simple 'State of Mind!' Think about it...being nice to each other instead of being hateful. Watching what we say to each other instead of saying whatever pops into our head. We live in a society where anger, rage and hate runs unchecked and the only time it is contained or we try to

contain it is during the holiday seasons. Why not change for the next year?

Adoption Announcement

On October 17th, an abandoned starving 3 month old kitten walked into one of Hal's Cell Sites. It cooed and talked to him and purred constantly. It stayed with him as he worked and was ready to leave when he was. He picked it up, placed in the seat next to him and away they went. That kitten traveled with him all day, never crying once. It came home with him the end of that day as happy as can be!

On the 18th of October, the kitten was taken to the Vets and given a complete exam with blood work and shots. The kitten's health was poor; he had been on his own for about 2 weeks from what the Vet could tell. Ear mites, fleas, and lost body weight, dehydrated and had been nurtured! He is completely box-trained. He also seems to have Maine Coon in him as well according to our Vet. Time will tell. Our Vet guesses that someone adopted this kitten through one of the pet adoption agencies, took it home and for some unknown reason took him out into the country and dumped him. Thank goodness they left him with a full set of claws, still his chances of survival were next to nil being so young and alone. He would have died if Hal had not brought him home.

So, We are proud to announce the new addition to our Family! *Chief Kit-Kit!* We call him Kit for short. How did we come up with a name like that for a cat? He will only answer to Kitty- Kitty. I shortened it to Kit-Kit and he came. Mike added the Chief part because he felt the Kitten had earned it by making it on his own for so long. Kit loves to go bye-bye just like Little 1 and has taken well to the harness and leash. We have already started taking Kit along on outings with Little 1 and Kit follows Little 1's lead.

Kit is now 'in training.' He has already stated his adventures into the public by going with us and Little 1. He loves the attention already. It will take about 2 years to have him trained like Little 1 is now.

Little known facts about COKE & BOUNCE

From: Michael D. Brown KK5ZB

BOUNCE...the stuff you use in your dryer:

*Repels mosquitoes. Tie a sheet of Bounce through a belt loop when outdoors during mosquito season.

*Eliminates static electricity from your television screen. Since Bounce is designed to help eliminate static cling, wipe your television screen with a used sheet of Bounce to keep dust from resettling.

*Dissolves soap scum from shower doors. Clean with a used sheet of Bounce.

*Freshens the air in your home. Place an individual sheet of Bounce in a drawer or hang one in the closet.

*Prevents thread from tangling. Run a threaded needle through a sheet of Bounce to eliminate the static cling on the thread before sewing.

*Eliminates static cling from pantyhose. Rub a damp, used sheet of Bounce over the hose.

*Prevents musty suitcases. Place an individual sheet of Bounce inside empty luggage before storing.

*Freshens the air in your car. Place a sheet of Bounce under the front seat.

*Cleans baked-on food from a cooking pan. Put a sheet in the pan, fill with water, sit overnight, and sponge clean. The anti-static agents apparently weaken the bond between the fabric softening agents and soften the baked-on food.

*Eliminates odors in wastebaskets. Place a sheet of Bounce at the bottom of the wastebasket

*Collects cat hair. Rubbing the area with a sheet of Bounce will magnetically attract all the loose hairs.

*Eliminates static electricity from venetian blinds. Wipe the blinds with a sheet of Bounce to prevent dust from resetting.

*Deodorizes shoes or sneakers. Place a sheet of Bounce in your shoes or sneakers overnight so they'll smell great in the morning.

And now, *Coca-Cola*:

*To clean a toilet: Pour a can of Coca-Cola into the toilet. Let the "real thing" sit for one hour, then flush clean. The citric

acid in Coke removes stains from vitreous china.

*To remove rust spots from chrome car bumpers: Rub the bumper with a crumpled-up piece of Reynolds Wrap aluminum foil dipped in Coca-Cola.

*To clean corrosion from car battery terminals: Pour a can of Coca-Cola over the terminals to bubble away the corrosion.

*To loosen a rusted bolt: Applying a cloth soaked in Coca-Cola to the rusted bolt for several minutes.

*To bake a moist ham: Empty a can of Coca-Cola into the baking pan; wrap the ham in aluminum foil, and bake. Thirty minutes before the ham is finished, remove the foil, allowing the drippings to mix with the Coke for a sumptuous brown gravy.

*Use to tenderize a tough piece of beef by placing the meat in a baking dish, pouring the coke on top, covering it with plastic wrap and placing it in the fridge overnight to cook the next day.

*To remove grease from clothes: Empty a can of Coke into a load of greasy clothes, add detergent, and run through a regular cycle. The Coca-Cola will help loosen grease stains.

*It will also clean road haze from your windshield.

*And... WE DRINK THIS STUFF!

~ Holiday Recipes Wanted ~

It is that time of the year once more to dig in your file boxes and send me those family favorite recipes. Please send to:

LINDA G MILLER
4216 SPIVA DR
DEL CITY OK 73115-4424
Or
E-Mail: n1lpn@swbell.net

To start off the season, here are a few you might like to try and add to your collection.

Wisconsin Cheese Soup by: Iris J.

Ingredients:
1 cup carrot slices
2 cups broccoli florets

1 cup water
1 tsp. chicken bouillon granules or 2 cubes
1/4 cup chopped onion
4 Tbsp. butter
4 Tbsp. flour
1/4 tsp. pepper
2 cups of milk
2 cups (8 oz.) finely shredded sharp cheddar cheese

Directions:

In a small saucepan combine the carrots, broccoli, water and bouillon. Bring to a boil. Cover and reduce heat. Simmer for 10 minutes or until tender. Set aside. In a large saucepan, sauté onion in the butter. Blend in the flour and pepper. Cook one minute. Stir in milk. Cook, stirring occasionally, until mixture comes to a boil. Remove from heat. Blend in the cheese. Stir in vegetables and the cooking liquid. When cheese is melted it is ready to serve.

Makes 5 cups of soup.

White Chicken Chili by: Marguerite W.

Ingredients:

1 large onion chopped (about 1 cup)
1 clove garlic finely chopped
1/4 cup margarine or butter
4 cups chicken breast, 1/2" cubes
3 cups chicken broth
2 tablespoons snipped cilantro or parsley
1 tablespoon dried basil leaves
2 teaspoons ground red chilies
1/4 teaspoon ground cloves
2 cans (16 oz. each) great northern beans
1 can white shoe peg corn, drained

Directions:

Sauté onion and garlic in margarine over low heat, stirring until lightly browned. Stir in remaining ingredients. Heat to a boil. Reduce heat and simmer 1 hour. Stir occasionally. Serve topped with fresh chopped tomatoes, sour cream and tortilla chips.

Makes 6 servings (1 1/2 cups each)

Sweet Potato Pecan-Topped Pie

Ingredients:

Pastry for 10-inch pie shell
4 large cooked, mashed sweet potatoes
1 (13 oz) can evaporated milk
2 eggs, slightly beaten
1/2 cup sugar
1/2 cup brown sugar
2 teaspoons nutmeg

1 tablespoon flour
4 oz butter, softened
Pecan topping

Pecan Topping Ingredients:

2 tablespoons melted butter
1 cup packed dark brown sugar
1 cup pecans, chopped
1 teaspoon nutmeg

Directions:

Line 10-inch pie pan with pastry. Mix the sugars, flour and nutmeg. Add the dry mixture to sweet potatoes and butter. Stir in the milk and eggs. Mix thoroughly. Pour into pie shell.

Bake in 350 degree oven for 30 minutes.

Mix pecan topping ingredients together. Add topping to pie and bake 15 minutes more or until knife comes out clean when inserted in center.

Serves 6 to 8.

Pumpkin Bread by: Loretta M.

Ingredients:

1 c. chopped walnuts
1 2/3 c. flour
1/2 c. brown sugar
1 c. sugar
2 cups pumpkin (fresh or from a can)
2 eggs
1/3 c. warm water
3/4 tsp. vanilla
1 tsp. baking soda
2 tsp. nutmeg
2 tsp. cinnamon

Directions:

Preheat oven to 350 degrees. Dissolve the baking soda in the warm water. Combine all the dry ingredients (except walnuts). Add the eggs, pumpkin, vanilla and warm water. Mix well. Fold in the walnuts just enough to combine. Pour into a greased loaf pan.

Bake at 350 degrees for 60 minutes or until a knife inserted into the bread comes out clean. Cool before serving.

Please don't forget to send in your recipes for our next issue! I belong to Recipe of the Day Club and these recipes are some of the ones people have shared.

Until Next month....
33 Linda N1LPN

Covertly employed by a government agency with no name, issued an international license with no restrictions, and sworn to achieve one goal: The exploration and understanding of the most extreme fringes of communications technology. You can join the adventures of Doug Xander, perhaps the most technically adept Radio Amateur in the world, by reading:

D'X FILES

Episode Nineteen: Is That A Burger King, Or Just A Mirage On The Horizon?

Xander, can you relax for an hour or two and try to enjoy the meeting? I know the presentation is on F connectors, but at least pretend you're interested." She was right. Xander needed to work on his social skills, and this was an opportunity.

As A5LID was describing the various crimp tools for RG-6, Xander filled his plate with mashed potatoes. Then walked back to the table and started sculpting the potatoes into a pyramid with his fork...

Xander spent the next three days wide-awake. His mind was too focused on his findings to allow himself even a minute to relax. Of course, Xowolski was concerned. Whenever she thought she had him figured out, something like this would remind her that Xander's inner essence remains an enigma wrapped in a puzzle that's covered by a shroud and hidden inside a maze. Aside from that, he's a regular guy.

The discovery of resonant similarities between the classic Pyramids of Ancient Egypt and the Olmec Pyramids of the New World had likely triggered this pyramidal obsession. Certainly most of us recall the great Pyramid at Giza is one of the Seven Wonders of the Ancient World, but how many of us remember the Olmec and Mayan civilizations built many pyramids throughout Guatemala, Honduras, Mexico and Peru? For centuries, Archaeologists wondered if the Egyptians had somehow influenced the New World long before any recorded colonization, but modern theory discounts this as Pyramid Envy. Xander's theory was much simpler: Amateur Radio was developed independently by both civilizations using pyramidal antennas. (!)

By plotting the size and position of the smaller pyramids of the New World as

resonant bodies, he discovered they were likely used as antenna arrays in the low end of the HF range, possibly between 160 and 80 Meters. By contrast, the Egyptians built much larger structures spaced farther apart and likely intended for LF or VLF use in what is now the FAA Aeronautical Beacon band. The more Xander refined his RF model, the clearer the implications became. There was little question in his mind that if the Olmec and Mayan Civilizations had developed some form of HF radio, the pyramids at La Venta in Tabasco, Quetzalcoatl, Teotihuacan and in the Andes of Peru were put there for more than symbolic reasons. The Huaca Del Sol in Moche, Peru was most intriguing as it's on a slightly better site than HCJB Radio in Ecuador, one of the strongest signals in commercial short wave broadcasting.

Coincidence? Xander had his doubts.

Shortly after this discovery, exhaustion overcame him and Xander was forced to postpone his research for a few days. Of course, this didn't stop his dreams of what the ancient Central American Nets could have been like... And, what if there was a DX Window calling frequency shared by the Mayans and Egyptians during Cycle (minus) 423? Xander lived a rich fantasy life that almost approached his reality.

As Xander rested, Xowolski found herself drawn to his research. She spent what seemed like endless hours poring over the history of Ancient Egypt and the legend of The Valley Of The Grounded Grid. She had no idea there were approximately 70 pyramids in Egypt, but as she studied the layout of the ancient hills and valleys, she couldn't help but notice a small, perhaps nearly buried pyramid set apart from the Valley of the Kings near Thebes. Looking further, it struck her how this minor feature in the sand was centrally located

relative to the much larger structures surrounding it. And there, faintly, was the series of dashed indentations in the terrain Xander had first noticed, pointing directly to it. Could this be the faint trace of the schematic "Grid" that gave the valley its name? She decided that as soon as Xander was able to comprehend them, she had two words for him: "Road Trip".

The following day they were flying the X-Copter toward Egypt. Xowolski ran the images through an IR sweep to improve the visibility of the ancient contours they'd be searching for, and there was little doubt in either mind they would soon be walking the valley of radio lore in the footsteps of the ancients. The flight gave her ample time to double-check the coordinates and program the GPS for best accuracy. A few hours later, they had their Egyptian flight path cleared with the local authorities.

As the sun was beginning to set, the low angle lighting on the ground gave them an opportunity to orient to the topography, as even the slightest change in elevation should be highlighted. They were soon met with disappointment, as the processed images were far easier to deal with than the actual terrain. The indentations they'd hoped to follow into the valley could not be seen. Xander switched on the X-Cam and dialed in an optical spectrum filter that mimicked the IR sweep Xowolski had used to great advantage. As he flew partial IFR, she caught a glimpse of the telltale pattern in the sand that would lead them to what could be the hidden pyramid.

As darkness covered the valley, Xander landed the craft near the GPS mark where the pyramid should be. Setting foot on the ancient soil as the last ray of light dropped below the horizon, they understood how this place could have gone undetected for several millennia. There was absolutely no

clue on the surface that any structure was below. For a moment, they began to wonder if their travels had led them to the exact middle of nowhere... And then...

Off in the distance, Xowolski noticed a flicker of light that could be from a remote outpost on the edge of the wilderness. As Xander looked closer, he asked if the light was coming toward them. "No", Xowolski replied, "I think it's the parking lot lights from a Burger King or Pizza Hut". It was becoming apparent to Xander she hadn't fully adapted to their present QTH. But, wait a minute, she realized the lights were coming closer and she could hear the faint sound of a gasoline engine. As a world-class CW op, her superior sense of hearing indicated the engine was an overhead valve four cylinder at 2,382 RPM with a sticky rocker arm on #3. Their 2 Meter FM rig broke squelch on the local simplex calling frequency... It was The Arabian Radio Rock League calling for them.

Xowolski returned the call and realized the lights in the distance were from the ARRL Mobile Rover Van. Apparently they read the C&E every month and follow D'X Files with interest. Imagine that! Within minutes, the Arabian Radio Rock League Field Day crew had arrived and offered their help. Fully equipped for the task at hand, it wasn't more than an hour or two before they had excavated a ramp down to what was definitely a lost pyramid. After a few loose stones were moved aside, the entry path was found. Excitement grew among the ARRL team, as they too had been searching for The Eternal QTH of the fabled Radio Amateur King of Ancient Egypt, Tutantetrode.

With their torches held high, they slowly traveled the ancient passageways that may have last felt a human footstep more than four thousand years ago. The oldest of the ARRL crew was fluent in hieroglyphics, and began noticing the faint graffiti left on the walls eons ago by the work crews. They stopped to take photos as he began translating the marks aloud: "There was a young lady from Carthaenis, who asked me to show her my..."

A few paces later, they turned a corner to find a large room decorated from floor to ceiling with elaborate paintings that told

the story of the occupant's life. The ARRL crew gasped in unison, as this room was truly worthy of a Pharaoh. The light from their torches danced on the walls as it reflected from an object near the center of the room decorated in fine gold carvings. Xander and Xowolski were almost afraid to ask... Was this the sarcophagus of the legendary OM King, Tutantetrode?

With great reverence, they examined the inscriptions as the ARRL began translating them. The perimeter of the mummy case was adorned in a series of dots and dashes while a pair of ornate palm-sized golden Sphinxes guarded the feet. Xowolski couldn't help but notice they were pivoted at their haunches and a ceramic insulator strip was barely visible inside. Xander lifted one a few inches to find a pair of primitive binding posts on the bottom. "Stop!" one of the Egyptians shouted, "You must not disturb anything!" Xander showed the binding posts to them before putting it back exactly where it had been. The Sphinxes were, in fact, CW keys!

The minutes passed like hours as the Egyptians translated the markings, then announced: "This isn't Tutentetrode, it's his son, Prince Hotep Al-Mosfet, the first ruler of the old Dual Gate Dynasty! Both Xander and Xowolski were puzzled by the news, as neither had heard of Hotep Al-Mosfet. The ARRL explained he was the eldest son of King Tutantetrode and Queen Cleopentode. This was good news, as it meant the real tomb of Tutantetrode would not be far away...

The following morning, they returned to the site a few minutes before the start of the ARRL's "Worked All Arabia" CW Contest. Xander noticed a rock formation in the hills to the East that resembled the tuning dial of a 75A-3 receiver. He was sure his eyes were playing tricks on him, until a ray of sunlight broke through what looked like the VFO pointer and struck a slight rise in the ground. A few seconds later, the contest began as CQ's poured from the Arabian Radio Rock League van.

Xander walked to the spot where the beam of light had pointed, then began digging. Within ten strokes of the shovel, he struck the top of what could be another pyramid. Xowolski called for the ARRL crew to

give him a hand, but they were intent on the contest and reluctant to leave the van. She grabbed the key and started knocking out Q's at better than eight per minute... The Egyptians realized it was less work to dig out the pyramid than to log for Xowolski, so they decided to help Xander. As she was approaching 2,000 Q's, they found the entry to the pyramid and opened the passageway...

Much like the first pyramid, the passages were intricate and required a clever mind to navigate. They walked for what seemed like hours until they heard Xowolski's voice telling them she had found the main chamber. Xowolski? We thought you were in the contest? "There's a mandatory rest period every 5,000 Q's. I thought I'd stop by and stretch my legs for a while..."

The burial chamber was ornate in every detail. The sarcophagus was also placed in the center of the room, and Like Hotep Al-Mosfet, two CW Sphinxes stood guard. But, the most remarkable feature was a large golden disk against one wall. Fully 30 feet in diameter, it was adorned with images of the Egyptian sun god Ra, predecessor to Osiris, the king of the earth. This meant the site was certainly old enough to be Tutantetrode's. As Xander took a closer look at the golden disk, he discovered a circular mechanism hidden behind it. His couldn't believe his eyes when he realized it resembled a primitive form of a high-frequency alternator! The design was much different from the classic Alexanderson or Goldschmidt method, but the multi-layer rotor windings were clearly intended to alternate at a high multiple of the rotational speed. A secondary winding in the stator looked suspiciously like it was intended to key the device. A pair of wires exiting from the top of the windings were insulated with a papyrus wrap and looked remarkably like a transmission line... (!) Xander took a series of calibrated pictures for analysis as the Egyptians announced this was likely the tomb, and perhaps the shack, of Tutantetrode, the Q-5 Pharaoh!

Xowolski was awed by the discovery. The incredible detail of the wall murals, the richness of the ornamentation, the SK 6A in the box, she had no words to describe the moment... Then Xander asked if she had a can of WD-40 with her.



Altus Area Amateur Radio Association

In The Air

By Ron, KD5CYW

Well howdy all,

It was rather good for the test session, a few new hams and upgrades about 10 in all, and that was rather a good test session. Also we have had several NEW members join, and that is good, everyone should be part of a Club or Group, why... We have folks that love and know this hobby that are willing to help out.

The Picnic Sat the 21st of Oct was a dreary rainy day, but a bunch of folks showed up, and battled the weather and had a good time.

By the time you get this, the Altus Hamfest will be over, and a report will be given for the next C&E.

We had the other day our ARES meeting, and Dave, KC5SII is the new ARES Coordinator for Jackson County. Dale, N5VX is in a higher position. District Emergency Coordinator with the ARES of OK. Congratulations.

Well, I guess too much rain is better than no rain? Or is that safe to say that. My backyard of the land of the mini 1000 lakes turned out to be the land of one big lake.

Well I guess not much to say but, Happy Thanksgiving to you all, I can just taste it now. Also a special "Hello" to Gene, (Jane and Millard too) our Honorary member of the AAARA, Gene hope the Gator and the Bunny are being taken care of well, I'm sure they are. Keep smiling Gene :-)

Well that is about it from here.
73's

KD5CYW

AAARA Business Meeting 12 October 2000 held at EOC

Called to Order at 5:30pm by Dale, N5VX.

Old Business:

Treasurer Report -
Minutes -

New Business:

Breakfast Meeting will be replaced this month with the Club Picnic.

Reviewed consent agenda for general meeting.

Hamfest items

Special speaker tonight.

Meeting Adjourned at 5:55pm

Altus Area Amateur Radio Association (AAARA) August Minutes

Mail: AAARA, PO Box 8863, Altus, OK 73522-8863.

General Meeting held at SWTC, 711 W. Tamarack Rd., Altus, OK.

The Altus Area Amateur Radio Association was called to order by the President, Dale, N5VX at 7:05 PM Thursday Oct 12, 2000.

Introductions -

Intro.'s - Done, 25 attending. 2 guests, Steve, KD5KKT and, Steve, Brockwell KC5TTY.

Last Months Minutes -

Treasurers Report - Read, motioned, all voted and approved.

Old Business -

ARES Meeting - Oct 26, at 7pm at the EOC in Altus. POC is Dave, KC5SII. Dale, N5VX is now Section Director for ARES.

Picnic - Club Picnic will be 21 October at 10:30am at the Altus Reservoir, it will be a Pot Luck, please contact Ann, KA5YWY or Janice, KD5BNO. Also will have a

Small Tailgate Swap too, this is a welcome picnic as well to the new area hams.

Breakfast Meeting - CANX, due to club picnic.

Club Logo - Polo Shirts / T Shirts - this will have club logo on it, shirt color will be Royal Blue.

Business Cards- you may pick them up from any AAARA function, or give Dale a call.

HAMFEST - Mike, W5VXU, 4 Nov 2000, at the Altus Community Center on Falcon Rd. Janice, KD5BNO, will coordinate the Non-Ham tables, crafts, toys, and things of that area, (things for our YL's too). Lots of discussion about Hamfest went on. Site location is signed and contracted for Nov 4, 2000. ARRL sanctioned event. 22 tables sold and 24 remain open.

Books from ARRL - James, AB5FS, if you would like to order a book from the club, see James, he will take your order. Book Table will be set up during Club Meetings.

Refreshments - Janice, KD5BNO will do for NOV. Thanks to Lil, KC5CNA for OCT meeting.

Vests - Mike, W5VXU and Ann, KA5YWY had vests from size S to XXL, these vests can have AAARA, NAME, CALL SIGN on them, Embroidered (where you want them is up to you), and it is \$20 per vest, \$5 goes back to club. For more details, give Mike and Ann a shout.

Christmas Parade - This will be done under the ARES banner, and also to include the AAARA club members as well. A Big Project for us here in the Altus Area for all Hams, all invited to participate, details will be handled at the ARES meetings. POC is Dale, N5VX or Dave, KC5SII.

New Business - as follows

VE Test date: will Be OCT 24, 2000 at KOC Hall, Racetrack RD, Altus.

Club Dues - This was brought up to ponder about, if C&E do raise the price again due to the Printers. Tabled till next meeting.

Amateur Radio Newsline

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Restructuring: RSGB proposes new exam structure in UK.

A member of the Radio Society of Great Britain's Council has proposed a streamlined and simplified ham radio examination structure for the United Kingdom. Jeremy Boot, G4NJH, has the details:

It is generally recognized that if Amateur Radio is to survive we all need to encourage more people, particularly youngsters into the hobby.

A series of proposals has been made about the future of amateur radio examinations by RSGB Council Member Richard Horton, G3XWH. The proposals anticipate the future removal of the Morse requirement for access to the HF bands. They also include a competency based assessment - 'the safe and competent amateur'; make provision for supervised operation; anticipate two licence levels - 'Foundation' and 'Full'; allow for the candidate to select and study areas of especial interest; and take into account that they need to be "future proof" and reflect a future of rapidly changing technology.

Jeremy Boot, G4NJH

If you are interested in reading the full text of the RSGB exam restructuring proposal, take your browser to:

www.rsgb.org.uk

on the World Wide Web.
(G4NJH)

Restructuring: Canada - New tests as of 2001

Closer to home, Industry Canada -- that nation's version of our FCC has confirmed its intention to introduce new Basic and Advanced ham radio examinations as of January 1st, 2001. The new examinations will be based on the revised question banks available from the Industry Canada web site available as files RIC 7 and RIC 8.

Radio Amateurs Canada has published a revised Basic instruction manual that is now available. A revised Advanced manual should be available soon.

Industry Canada also says that it expects to publish another Public Notice in the near future proposing a course of action with respect to the 12 words per minute CW exam. The Notice will seek comments directly from the Canadian amateur radio community on what they want in regard to Morse testing.

(RAC)

Enforcement apology: FCC withdraws retest notice to CA Ham

Here in the United States, some good news for a California hams. This, as the FCC tells Thomas Graham, KZ6U of Culver City that he does not have to take a re-examination.

In a recent letter to Graham, the FCC says that it's earlier July 18th letter requiring him to appear for a re-test of his Amateur Radio Extra Class examination was -- in the agency's words -- actually issued in error. The agency has apologized to Graham for any inconvenience it's mistake may have caused him.

(FCC)

Nomination Committee - we need 2 folks to Volunteer to be part of the 3 person Nomination Committee. Secretary position will be open for a new incoming person, Ron, KD5CYW will be one on the NC since he will not be running again. Positions for any Nomination by members are President, Vice President, Secretary, Treasurer, Sgt at Arms.

Club Christmas Party Committee, need folks to get this going, Janice, KD5BNO will look into a place for party, and if all fails, we will use Schaff's Steak and Seafood.

Business from the floor...

New Business... opened from the floor

Name Tags - were brought up by James, KC5OEY, it was tabled till the next meeting.

Guest Speaker - Steve Brockwell, KC5TTY, came from Elgin, OK gave a demonstration on Sat - com, using QRP with a HT and computer links to talk via Satellite.

Ongoing Projects. - discussed.

APRS - 144.390 simplex, have site up on Walsh Mountain in Granite, OK.

AAARA Comm Van - Get with Dale if you would like to help out. It will be at the Hamfest.

Packet Node - Items are on order, awaiting to set up and put up.

UHF Repeater - Rob, KD5KKQ has it, Still in work.

ARS - Lawton has its new digi running, 2 more going up soon. Wichita Falls, TX club is interested in APRS too.

The AAARA Tuesday Night Roundtable Net will be at 7pm, 146.790 (-), Ron, KD5CYW will be the Net Control. Anything for announcements can be emailed to Ron at kd5cyw@arrl.net, or call him at (580) 482-8446.

The meeting was adjourned 8:15 PM with everyone looking forward to the next meeting 9 November 2000, 7pm at SWTC.

Typed by Ron, KD5CYW, SEC/ED
AAARA Email: rroman@intellisys.net

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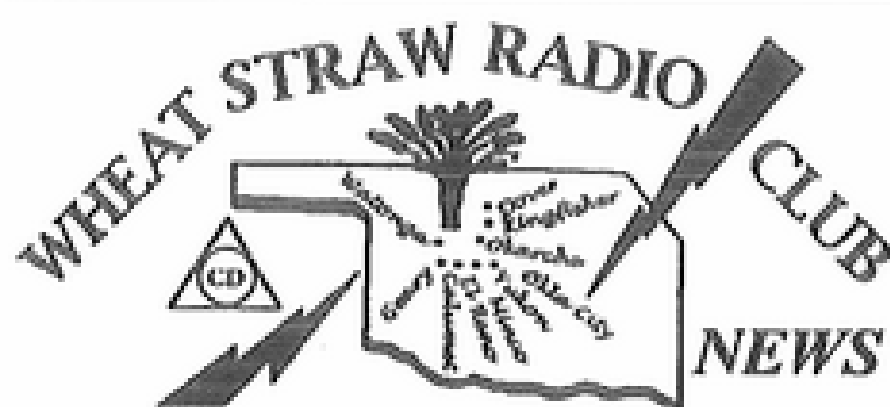
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Wheatstraw Amateur Radio Club

Club Minutes

September 8th the Wheatstraw Radio club met in Geary, OK. The meeting was held at the Geary Housing Authority building. The meeting was called to order at 2:30 PM. Neal N5KCO, the President, called the meeting to order with eleven members, and one visitor. Bill Hanks. Bill is not just an amateur but a good friend to all.

The minutes were read by the Sec. and Treas. Joe WA5FLT. The minutes were approved as read. After the financial report, the first thing on docket was the November 12th meeting place. From 1-40 turn off at the country club road. Go north to the Heritage Bank on right side of road. Located next door to Braums. Drive around to back of the building, and go in rear door.

Do not forget the Enid hamfest November 4th. Don't miss out!

The December meeting will be our Christmas dinner at the End-O-Main. The total cost of the dinner will be \$9.22 including dinner drinks, tea or coffee tips and sales tax.

Also at-the December meeting the club will elect officers for the 2001 year. You members need to think whom you would like to see in office for next year.

The Club's 40th Anniversary is actually in February. Margaret WA5RLP made a motion we celebrate the Anniversary at our December Dinner Meeting. The motion carried. Neal N5KCO appointed Leo Peil to search for a new radio to be given as a door prize. It is to be a two-meter radio. There will not be any tickets to buy; it will be free to the lucky person who draws it. There are some rules that are very reasonable. First you shall have an amateur license, second you have to be

present, eat dinner with us and attend the meeting and drawing.

It is time to think of THANKSGIVING and CHRISTMAS. I miss Goldie so much I decided I would publish a letter I wrote her at our 51st anniversary. What you think of it is up to you.

I forgot something about the CHRISTMAS Dinner, in the main dinning area they can seat about 110 people. They can seat a few in a joining room but you can't see into the dinning room. I doubt if you could hear the president. So get your name in the pot now. You can check into the Wednesday net, or call 405 893 2660, or 580 623 5421 for reservations.

I have been waiting on some information and naturally-I forgot some. I apologize to Ray Barnes, he was appointed to work with Leo in search of the best buy of the radio for the drawing.

Ralph WA5PFK

Goldie & Ralph's 50th Wedding Anniversary March 5, 1996

Dear Goldie, I want you to know in these past fifty years not one time have I doubted your true love for me. Full trust and respect is the big part of loving.

As the time pasted and the creation by GOD you gave us two lovely babies, Carol and John. You kept them very clean, and trained them at a very young age. He brought them up in a way so those who knew them would love them too. Do you remember when we took the children to church before they were not old enough to go to school. They sat there looking straight a head, never looking or said a word. People would come by bend over and ask the children, "Who spanked you before you came to church, your mother, or your father?" They just couldn't believe it.

Goldie you were always concerned about me just feeling low or bad. You always gave me the best of care.

When it comes to cooking you have always been an excellent cook. I never told you why I ask you so many times just before mealtime what are you having for breakfast or dinner. You amaze me how you did it. Some times you tell me, I do

not know yet. Some times I had thought about it, other you would say, "Oh, I will go into the kitchen and whip up something. You would do just that. It never mattered what you cooked it always smells and taste good. The last cold spell we had in February I came to the back door opening it to come in and Oh! What an aroma! I thought to myself, oh boy we are having some thing good today. Well we did a large pot of beef and vegetable soup with a hot pan of cornbread made from scratch and spread with butter.

Goldie you have learned to bake and decorate cakes anyway you want them. You sew and make anything you wish. You can crochet, knit, and make candies. The best peanut candy I have ever eaten was made by your hand. What ever you set out to do you can.

Carol grew up going through high school here in Watonga and on to some college, then went to a Nursing School, getting her LPN license. She later married Franklin J. Sissons from Woodward, OK. We call him Frank, Frank does not smoke or drink and is very strict about his church work; if he has any bad habits we don't know about any. They have three lovely children, Jeff a freshman in college. Twins, Kevin and Wendi age 17, are in High School. All of the family is active members in the church.

John went to OSU getting an Electrical Engineering Degree. John married Linda McCray. Linda is an Accountant, a School Teacher, and a pianist. John and Linda's family has no bad habits. They have two children. John Ralph 111 a senior this year. Janet is sixteen and a high school student. Both children play music and sing. John and Linda both teach Sunday school. The family is active in constructive programs.

After fifty years, the reason for mentioning it to you our teachings and guidance have us proud of our families. I want you to know how I feel you went past the half way point of loving and teaching our children. I love you for being the way you are. We have hurt each other's feelings a very few times. Neither of us have talked back to the other. An apology filled our needs for loving each other.

May God continue to bless us, I love you deeply.

Your Loving husband,
Ralph



Edmond Amateur Radio Society

Birthdays:

The following EARS club members have November birthdays:

11-01	Opal King	KB5BUK
11-03	Bob Hebert	N5SAG
11-03	Terry Vernon	KC6DLI
11-04	Jim Richardson	N5OHL
11-08	Garland Holmes	KC5SMM
11-10	Gary Carson	KD5CPL
11-14	Linda Richardson	N5OJP
11-14	Tony Reed	N5QIP
11-14	Mark Nolan	KD5KBD
11-17	Austin McCaskill	NE5O
11-19	Jesse Jones	KD5BFB
11-21	Robert Coxsey	KM5GZ
11-21	Patrick Martin	KD5CPQ
11-23	Curtis Foote	KC5GEP
11-25	Sara Grossman	KD5GDF
11-25	Phyllis Hand	KC5QJS
11-28	Ed Price	KA8NBG

I'd like to recognize someone in this month's birthdays. Opal King has faithfully given the week's birthdays on the Monday Night Net since the 1980's. You've heard her on the repeater each Monday come rain or shine. And that includes doing the net with a cast on her arm (see Health and Welfare). I can't think of a net she has missed. Be sure and let her know how much we appreciate her active support of the club.

Member Information:

Call Sign Changes:

Nick Jewell K5XMR (formerly KD5IPA)
Terry Deas W5WTD (formerly KC5GDC)

Johnny KM5GM has completed his September CW5 Net. Once again, a job well done, Johnny. We all appreciate the time and commitment you make to this effort. The OKC/Edmond area is filled with hams who have attained their code proficiency as a result of your CW5 Net. The latest are:

Carol Thompson, KD5KZT
Charles, KC5TGA of Ada

Congratulations to all of you, and to the others who faithfully listened in each evening who will be passing their 5 wpm in the weeks to come.

Thank you, Johnny, from all your friends in the ham community.

Welcome to this New Member:

David Nunn KE5SN

Club announcements are being forwarded to all members with email addresses. If you have changed email addresses within the last 6 months, please drop Sharon KM5GV an email notifying her of your current email address. Send updates to km5gv@arrl.net. And, to notify the Club of a change in your Call, Address, Phone number or E-mail address, please contact Sharon by E-mail at km5gv@arrl.net. Thank you.

de Sharon Thompson KM5GV

Member Correspondence:

Here are some of the fun E-mails I get from EARS people. Here is one from Alan Clark along with his address:

Quote of the Day:

"Contacts are necessary to justify amateur radio expenditures documented on the VISA card...." Loyd Hargrove AB5I

Alan Clark N5PA / 7Q7PA
4025 Craft Lane
Laurel, MS 39440-1268
Phone: 601-426-0090
E-Mail: n5pa@mdxa.org
URL: www.c-gate.net/~n5pa

Board Meeting:

Board Meeting Minutes

Oct. 10th. 2000

The Meeting was called to order by Curtis KC5GEP at 7:30 P.M.

In attendance were: KM5GZ Bob, KC5GEP Curtis, KD5CPQ Pat, KC5RYT Steve, KA8NBG Ed, KD5CPJ Sherry, K0TYC Dave, KC5KJE David, K5YKD Earnie, KM5GV Sharon, KD5CPL Gary, KG5UG Clara, N5OHL Jim,, WD5FHR Dee, KD5JFT Craig, N5ZQ Steve, KA5WIS Lee.

Officers Reports

Secretary Report: Bob, KM5GZ, asked if the board had read the minutes that were

sent out & if there were any corrections. The minutes were voted on & passed.

Treasurer Report: Gary, KD5CPL reported the balance in the General Fund ending Sept. 30th. A motion was made & passed to accept the Treasurers Report. There were reimbursements to Sharon, KM5GZ & to Clara, KG5UG. A motion was made & passed to accept the reimbursements.

Vice Presidents Report: David, KC5KJE said that the dinner meeting is set for Cilantro's at 2nd Street & Santa Fe.

Repeater Report: Lee, KA5WIS said that the repeater was working okay. Jim N5OHL said that it seems harder to get into at Tinker.

Emergency Coordinator: Curtis said that everything was okay at the EOC.

Board Members Reports: Pat, KD5CPQ no report. Clara, no report. Dave K0TYC asked if the Club should help with communications for the fires that have been around. It was stated that it is up to David Barnes to call us. Ed, KA8NBG said that the firefighters would not want us in their way unless they really needed us. Lee, no report, Earnie, K5YKD no report. *Past Presidents Report:* Steve, KC5RYT. No report.

Committee Reports

Activity Coordinator: Ed said that some Club Members had visited Guthrie to check out 3 sites for State Hood day special event. Dee, WD5FHR has contacted Michael Bruce about using the Scottish Rites Temple. They have a charge to let us set up there. The Board agreed not to go there. The Carnegie Library & the Capital Publishing Co. buildings were looked at. The library will be used for a Christmas tree sale at the time of the event. The board informally agreed to try to get the Publishing Co. building. Mention was made to donate to the Museum group. It was tabled until next month.

H.F Report: Previous Report was used for H.F. Nothing else to report.

Club Station Report: No Report.

CORA Report: Earnie said the he went to the meeting & they had their elections.

Ham Holiday will be back in the old site on July 27-28. The C&E rate will not change for now. Hal, KB1ZQ will keep publishing the C&E.

Membership Report: Sharon said that the renewal letter will go out this week. Also the elections will be mentioned. She asked if everyone would respond to her e-mail

about the ARRL award. Lee asked about the Clubs ARRL Special Services Club certification.

Calling Committee: Sherry, KD5CPJ said the calling committee will call next week about the dinner meeting, state hood day, & elections. Also would like some more help with the calling committee.

Health & Welfare: Clara said that Ken Stepp, N5DBM's wife's father passed away.

Bill Thompson passed away. Bob Hebert's wife had triple bypass surgery. Keith Morrison, KC5TPC's wife is doing okay. Opal King, KA5BUK fell & broke her left arm. Sharon passed around a card for Lorn Stewart (STU), K5DSR. He was mowing & was burned very badly. Lee had cataract surgery on his left eye. Right eye will be done later.

Web Site Report: No Report.

Net Control: Bob said that everything was going okay. Also Steve N5ZQ will be net control for Oct. 16th.

Old Business

Fall 2000 Classes: Clara said that two class members have passed the test already.

Sherry said that the funds from the sale of cookies & cokes for the Scholarship Fund have been turned in.

State Hood Day: Dee asked if John, WB5SYT has been asked to get the proclamation from the Governor. Also will ask Don Sherry, KD5FQS if he could get a press release put in the Guthrie paper.

Christmas Party: Curtis asked if the Club Members might like to have a pot luck dinner like in the past. The Board agreed. It will be \$5.00 at the door to go to the Scholarship Fund. It will be Dec. 16th.

JOTA: Curtis said he has received one phone call so far for JOTA. He said we may cut down the number of hours that we had planned to operate. That will be Oct. 21st.

New Business

UCO Parade: Lee asked for volunteers to help with the parade. It will be Nov. 4th. At the library at 7:30-8:00. Lee asked David Storey if he could head it because he may have to work. David said okay. David Wolf passed around a plaque that was given to all who attended the 4th. of July dinner.

Nominating Comm: Curtis said he will contact John, WB5SYT about being on the committee. He said that if anyone wanted

to keep their present positions, to contact him.

Club Station Call Sign: Dave Storey made a motion to change the Club's call to K5EOK. It was voted on & passed.

Misc: Clara had some letters thanking the Club for having the classes. Dee said that he got ARRL approval for Clubs Net Directory. Due again in year 2002.

Adjournment: Dave made a motion to adjourn. It was voted on & passed.

Minutes written & submitted by:

Robert Coxsey, KM5GZ

Past Activities:

The EARS Technician Licensing Class has graduated over 15 new amateurs to the Edmond area. I think one student even passed the General test. I congratulate the students on this accomplishment, and welcome them to the hobby. I want to thank all the instructors, organizers, refreshment providers, errand-runners, and supporting hams who helped make the class a success. I'd like to single out Clara Grainger, KG5UG, and John Thomason, WB5SYT for all the extra work they have done for the class.

Jamboree On The Air was the 21st of October. The station was activated shortly after 9:00 AM, but we were very short on Scouts. Contacts were made with Hungary and Germany, and our repeater was used by Girls Scouts in Midwest City to converse with Boy Scouts in Norman. I personally want to thank all the club members that came in for this activity.

Later that day, the club got together for the October Dinner Meeting to eat at Cilantro's in Edmond. Over thirty members and family showed up at 6:00 to share in the good food and first-rate fellowship. The serviced was good and fast, but we didn't leave until almost 9:00. It was a good visit with a nice group of people.

And speaking of celebrities, how often have you had a foreign ham show up for one of your meeting unannounced? At the testing session for the Licensing Class, a new face showed up. I turned out to be Pedro Castillo, HR2CAP from Honduras. He will be in the United States for a while, and he will be at more of our club activities. Be sure to visit with him when you get a chance. Check out his radio website at www.qsl.net/hr2pac.

Future Activities:

The following will look familiar from last (and every) month.

The November Siren Test will be the 4th of November at noon. The December Siren Test will be the 2nd of December at noon. We have a parade to work on the morning of the 4th this month, so we might be short on people. Please let Edith, KA5YPX know you can do it when she asks, so she won't be short of watchers. Give Edith a call at 348-2961 early to get a spot to listen from.

Breakfast still happens each Saturday at Perkins on Broadway around 8:15 on each Saturday morning. Maybe as late as 8:45. A.C. is usually on the repeater when he leaves his house, so keep an ear on the repeater for further info around 8:00 AM.

Don't forget about the Monday Night Information Net! Who has been on the net more times than anyone else? I'd guess it is Opal King, KB5BUK with the birthdays. You can hear her every Monday night at 8:00 PM on the 147.135 repeater. New control operators are always needed. Bob Coxsey is the net manager. He will give the new net control operators very good training before the net. Give him a ring if you'd like to give it a whirl.

The next Board Meeting will be at the Edmond Community Center at 7:30 PM on November 14th. We're in a different room from the Club station so there is plenty of room. That is just before the Statehood Day event, and final plans for the Christmas party will be hashed out.

The November Club Meeting will be at the Edmond Community Center at 2:00 PM on November 19th. There may also be some bargains in gear to be found in the parking lot about 1:30PM. Bring your spouses along, because we will have a CPR class at the meeting. Have you been trained in CPR? Has your spouse been trained in case you are the victim? Here's a good chance to learn a vital skill.

We will be helping out at the University of Central Oklahoma homecoming parade on the 4th of November. If this gets to you beforehand, Lee and David will need help. Call Lee Vaughn, KA5WIS at 348-2961 to let him know you can make it.

We will also hold a Special Events station in conjunction with Oklahoma Statehood

day this fall. This is an open invitation to all hams to come and have fun that day. Plans now call for the station to be in the Publishing Warehouse in Guthrie on the 18th of November. Coy Day has graciously volunteered his call, N5OK for the special events station. The Guthrie Chamber has been very accommodating in getting us space. In addition to operating at the station, there are lots of fun stores to browse, and sites to see in downtown Guthrie. There are several nice restaurants in Guthrie, so this might make a good outing for the whole family. Ham radio, shopping, good food, and general fun in one outing!

The Edmond Amateur Radio Society Annual Christmas Banquet will be held the 16th of December at St. John the Baptist Catholic Church. It will be a potluck for salads, vegetables, and deserts, with the club furnishing the turkey. All proceeds go the EARS Scholarship Fund. Put this down on your calendars now, and plan for the whole family. I understand Santa may make a brief appearance again this year.

HEALTH And WELFARE:

Hi everyone-

Opal King, KB5BUK, wife of John King, KB5BLE, broke her left arm on Sept 30th, 2000. Her arm is healing very nicely and she is looking forward to have in the cast removed on November 13th. She stated "I will be as good as new again." She appreciated the card we sent and was please to hear from her friends and fellow members.

Lee Vaughn, KA5WIS, had cataract surgery about 6 weeks ago and all went well. When this eye is completely healed he has to have the same procedure done on the other eye. Lee, we all wish you well.

Marion, wife of Clarence Dollmeyer, KB5RR, is in Mercy Health Center. She was diagnosed with lung cancer.

Brad Efaw, KB5CDE, former member of EARS is in the hospital and not doing well.

Glenn Reed, K7CAP also a former member now residing in Phoenix, Az. was hospitalized again and not doing too well.

Let us say a prayer for all these folks and wish the best for them.

That's it for this month. Please send information for next month's C&E to Curtis Foote at cfoote@theshop.net so I won't have to take up so much space.

More Amateur Radio Newsline...

Callsign database: QRZ zapped by bad FCC file

If you tried to look up a callsign on the QRZ.com website on Tuesday, October 24th and got some erroneous information, here's why. According to Fred Lloyd, AA7BQ, QRZ's "head honcho," the fault lies with the FCC. It seems that the callsign information the FCC released was scrambled, resulting in at least 140,000 callsigns on the QRZ database being modified. Fortunately, QRZ keeps backups of their database and they were able to recover from the upset.

According to AA7BQ, it takes an awful lot of work to keep up with the FCC, thousands of user updates and hundreds of emails the site receives on a daily basis. The usual daily update from the FCC contains anywhere from 100 to 1000 updates, while the botched file contained 98,000 record changes. The heavy load falls upon the shoulders of AA7BQ and his two editors, Mark Krotz, N7MK and Steve Thompson, N7TX.

Lloyd began the repair work using his laptop from a hotel room while on a business trip for his real job. He adds that he appreciates hearing from QRZ's users, as it's often the first way he hears about a problem.

Newsline would like to thank Dick Tyler, WA2EHL from Burlington, New Jersey for giving us the heads up on the QRZ problem. Like Frank Lloyd and QRZ, Newsline relies on hams like Dick, and you, for keeping us at the leading edge of Amateur Radio news.

From New Orleans, I'm Don Wilbanks, KC5MFA

reporting for
Newsline.
(WA2EHL,
Newsline)

Enforcement
: That
license also
isn't valid
More
problems for
Air California
Adventures of

La Jolla, California. This is the company written to several times by the FCC in regard to the use of ham radio frequencies. Now the regulatory agency reveals that the company is still operating outside of the Commissions rules. Chief Rules Enforcer Riley Hollingsworth, K4ZDH, explains:

"You may recall we have recently warned them about using Amateur frequencies, and they had replied that they were using business frequencies under a license issued to the U.S. Hang Gliding Association.

But after running down that license with the Wireless Bureau, we informed Air California Adventures that the license had expired in May. So whether they are on business frequencies or Amateur frequencies, they are still unlicensed." Riley Hollingsworth, K4ZDH

Air California Adventures was given the usual time to respond.
(FCC)

Enforcement: Police bootlegger hunted in SOCAL

Ham radio may soon join a T-hunting effort in two Southern California cities looking for a bootleg operator who is regularly harassing police communications. The radio hacker who goes by the pseudonym "One Adam 12" has been bothering police radio operations in the cities of West Covina and Baldwin Park. Both are suburbs of Los Angeles.

A press spokesman says that authorities are not sure how the operator is simultaneously bothering both departments because they utilize different radio frequencies. Lieutenant Jesse Ward of West Covina police says that federal authorities are already involved in tracing the illegal broadcasts.

(Local news reports)

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Terry L. Smith
Owner

As Balloons Play

By Mary Van Winkle, KCSUNW

Up, up, and away,
Up where the clouds play.
Oh, what a view I must say
Being launched today!

The people I bring together,
I must say there's none better.
As they hone their skills,
As I give them thrills
And put them through the mill.

But, I don't come down
Where they think I should,
Though I did the best I could.

They jump on the band
And say "Come on, all you hams,
For we've got a signal
Here in oilfield land!"
Up on the hill they stand,
Saying, "It's got to be somewhere
In this sagebrush and sand!"

Yet, I tease them with a strong signal
Reflecting through the draws,
Enticing them while there's
Still time and light of day.
"Come find me," I say,
"So we can play together another day!"

Hide and Seek to 60,000 feet

By Jerome Doerrie, K5IS

k5is@hotmail.com

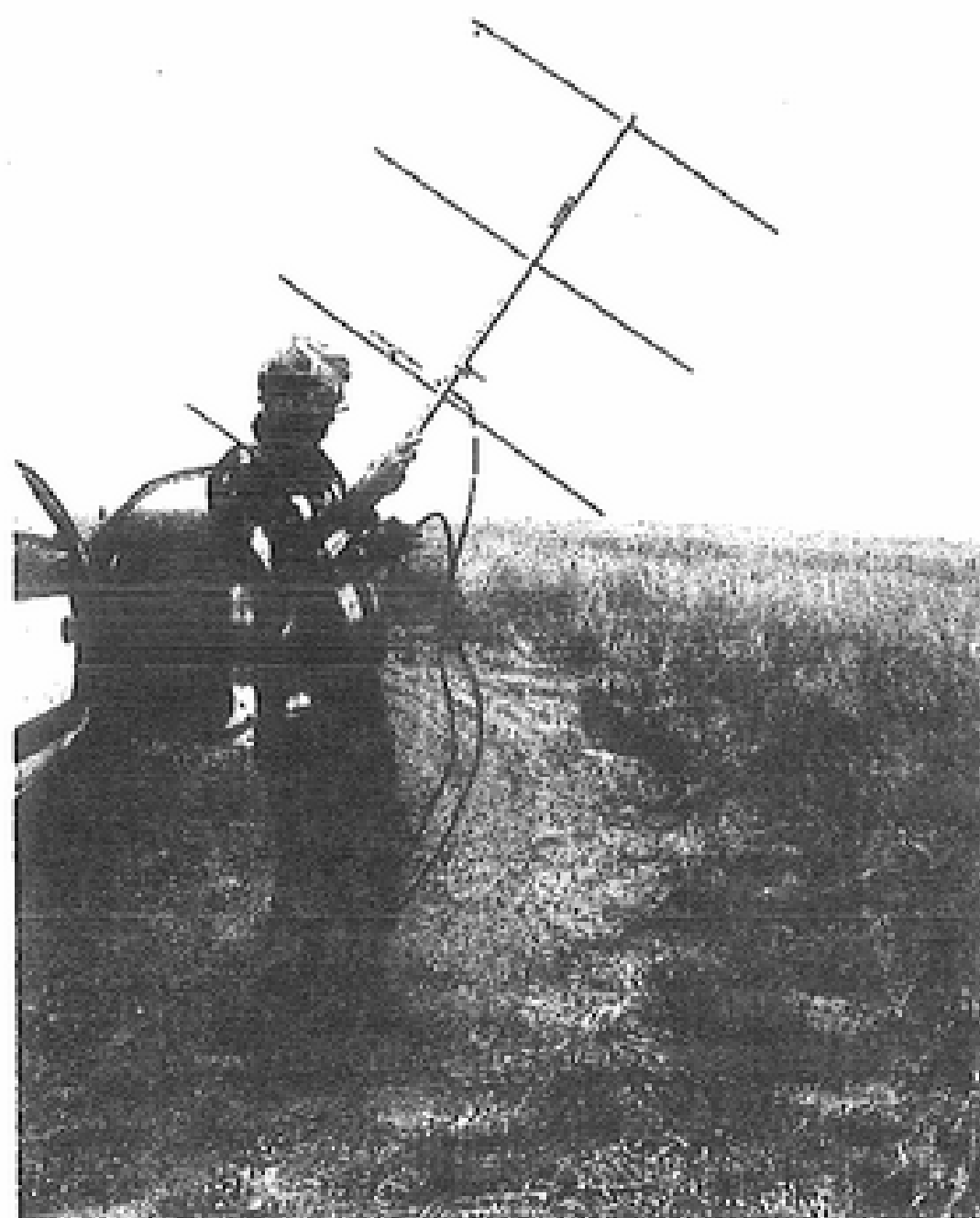
Tri-State Amateur Radio Group

With our weather balloon flights there is a common thread of questions. Most of the questions concern the element of certainty,

or uncertainty as the case may well be. Who will help with the launch? Who will be on the chase? What affect will the weather play? What payload configuration to fly? How many students will participate? The program is intended to provide enrichment for Bobette's physics classes, not necessarily to be for adult entertainment. However, it would not be possible to carry out the flights without the participation of hams. She, the kids, and I appreciate everyone who contributes to the flights. We give a special thank you to Hoechst Celanese of Pampa, Texas, for donating the helium that is used for our flights.

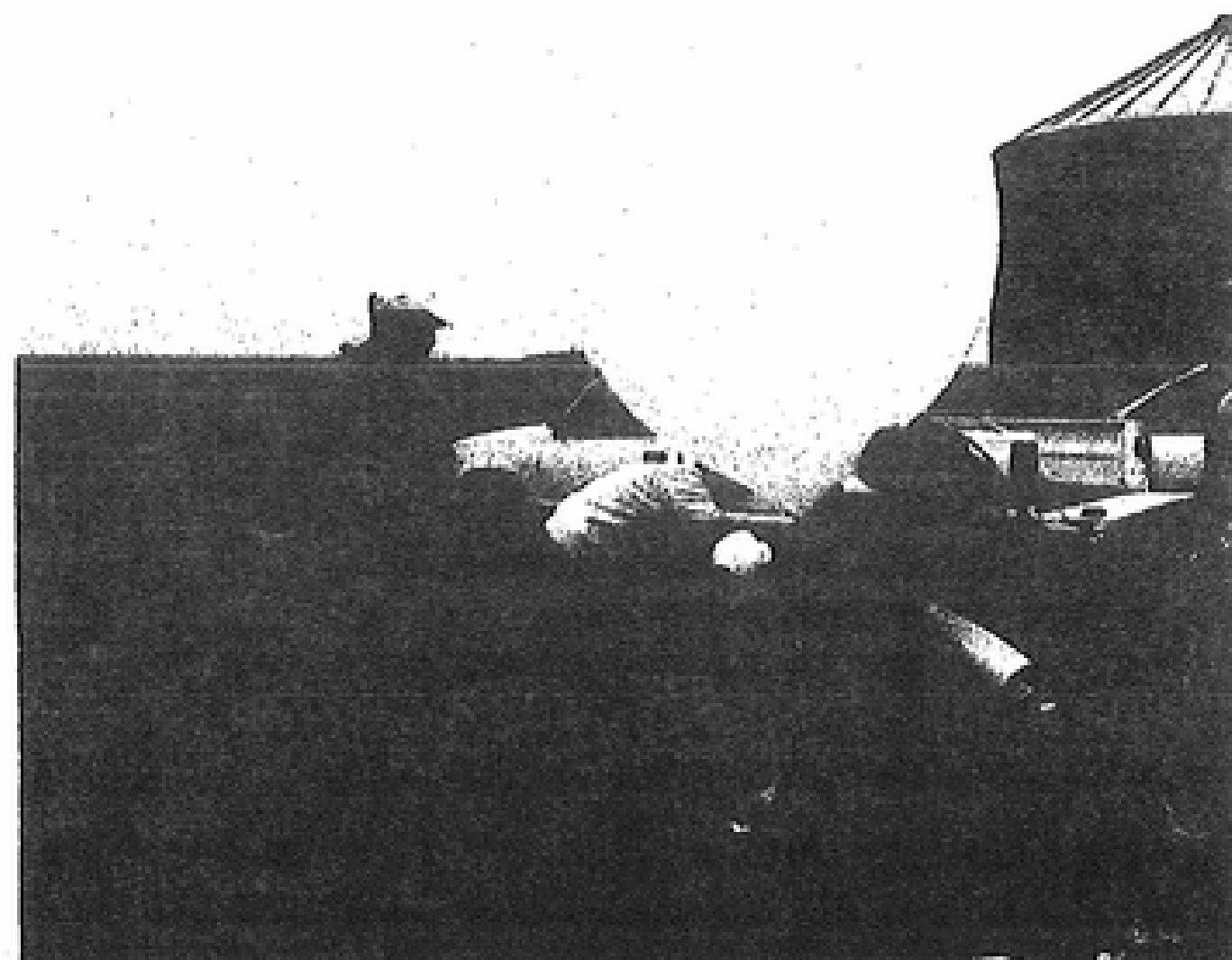
When the balloon is removed from its plastic bag, the uncertainties increase. Will it prematurely burst while it is being filled? For flight #11 at Mooreland, while my head was near the neck of the filling balloon it popped! (Why are all those peoples' lips moving and no one is talking?) Whatever can go wrong, will. On our first flight, the balloon ripped off at the neck and flew away. That was our quickest payload recovery -- it never left the ground! There was a 35-mm camera on board and I have several good photographs of peoples' feet! On the next flight, we got the payload off the ground. The computer program had predicted that the balloon would rise to the northeast and as it ascended higher it would arch around and finally travel west toward the Texhoma area, consuming

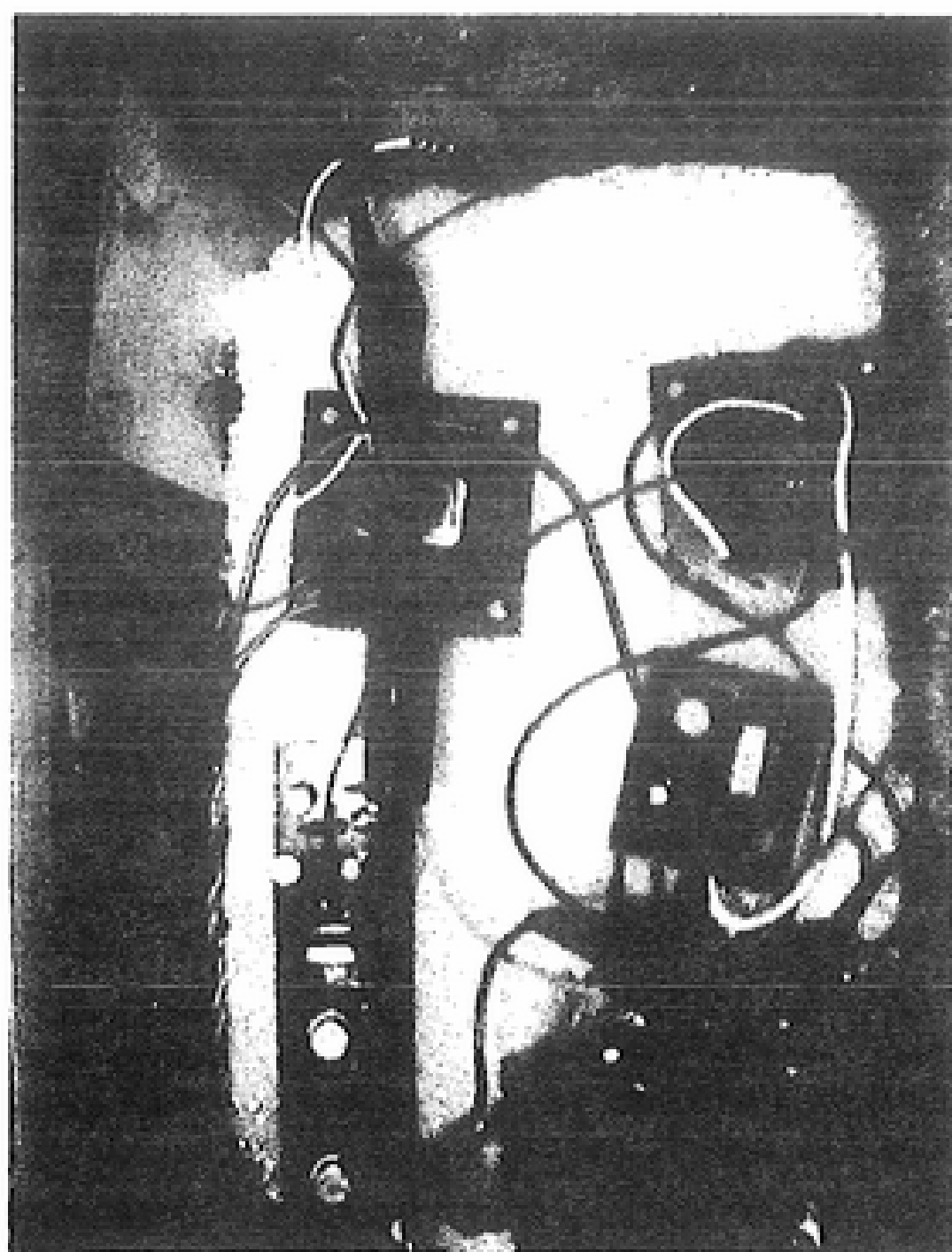
some six hours. It started out as predicted and all the chasers quit tracking in order to get ready for the journey west. The radio beacon was nice and loud, 2 watts on 146.52 MHz, sending "K5IS balloon" over and over. No problem, this one is going to be easy. Suddenly the silence on 146.52 was deafening. What



happened to the signal? Twenty-eight days later, a couple of boys from Perryton High were out riding their motor bikes in a pasture area 17 miles northwest of Perryton and found the remains. Not only had the balloon burst prematurely, the balloon shreds had tangled in the parachute, causing it not to deploy. The whole works came back to the ground like a falling rock, where it hit a boulder! In physics, we learn that for every action there is an opposite and equal reaction. Upon hitting the boulder, the contents of the payload blasted up through the top of the Styrofoam picnic cooler and scattered all over the pasture. On this flight we had used a baked potato as a heat source to warm the payload. In our press releases, we mentioned the potato, and the most asked question was: "Did you find the potato?" No, we did not; probably some critter had a nice snack!

Computer prediction programs can be no better than the wind data provided them. We are about equidistant from both Amarillo and Dodge City. Our winds will not be the same as either city. For our latest flight, the Amarillo data called for this balloon to land 157 miles at 69 degrees, near Anthony, Kansas. The Dodge City data indicated 93 miles at 87 degrees, an area 28 miles east of Mooreland. There is nothing like more uncertainty! Time is needed for the chase





crews to travel, so the question becomes one of what size balloon and how much to overfill it? The overfilling gives the balloon more lift, so it will pass through the high wind zones faster and not travel as far downrange.

Students Matt Torres and Ryan Wilkens from Perryton High School helped with the launch of Flight #16, which lifted off at 9:49 am on Saturday morning, the 21st day of October. The four-foot wide weather balloon did a zigzag course heading northeast on its way to a 60,000-foot altitude. It burst and floated to earth with its parachute into the desolate sagebrush-covered sandhills southeast of

Gate, Oklahoma 42 miles at 55 degrees from the launch site. Four teams searched for the elusive ground signals, which were absorbed or reflected by the sandhills into strange and conflicting directions. The team of Mary Van Winkle, KC5UNW (Seiling), and Orville McCroskey, KC5AQW, (Perryton, Texas) northwest of Lavern were the first to pick up the signals again with the balloon on the ground. The team of Terry Roehr (non-ham, Liberal, Kansas) and Stan Stephenson, WD0EUF, (Liberal) were to investigate some oil field roads between Gate and Rosston on the north side of the Beaver River. Duane Henderson, KC5NID (Mooreland) and Jim Lamb, W5GAF (Panhhandle, Texas) were also sniffing out spots on

the south side of the river. Joel Bennet, KK5XS, (Taloga) called in several bearing reports from mobile positions in Ellis County. The "dynamic duo" from Booker, Bobette, N5IS, and Jerome Doerrie, K5IS, also searched on the south side of the river. We learned many lessons on how reflected signals can be misleading. Terry and Stan walked about a mile on foot to finally reach the balloon, which was first found by Terry at 1:42 p.m. Because of the shortage of roads, it took longer to convene the teams at the remote site in order to congratulate Terry and Stan and to retrieve the package.

We are looking at the possibility of sending up some student experiments for the detection of cosmic rays on flight #17, Saturday, the 4th of December. Do you "wanna" place any bets as to K5IS having APRS ready and working for that flight?

Special Fox hunt

In honor of Joel Fream, WA6HNO, who was killed in an airplane crash on Aug 19, 2000, Chris (KC5BEJ), Greg (KC5BEK) and Joel's wife Bobbie (WB6GJQ) will be holding a fox-hunt to end all fox-hunts on 2 December here in Tulsa.

OK everyone, here's the main set of rules. The only thing we need to determine later is what repeater we will use for coordinating the actual hunt on. Anybody is eligible. Anybody can stop by the control location during the hunt for fox hunting tips (for those new folks) or just to say hi. Contact me or Greg if you have any questions or comments. Thanks.

Chris Stevens

Fox Hunt Rules:

1. Date: December 2nd, 2000 9AM-9PM or all foxes are found.
2. 5 Total foxes.
3. 4 foxes will each hit one of the ham repeaters.
4. 5th (Bonus) fox can be heard from one of the 4 fox locations.
5. Winners determined by number of foxes found and time required.
6. Area of operation: Tulsa Co. or any adjacent county.
7. Foxes will be in a public-accessible location.
8. All foxes are confined to HAM frequencies (2m, 70cm, 6m).
9. Hunt will be controlled from a known base location.
10. There is no entry fee.
11. All hunters are asked to register their call signs to be eligible for prizes. The reason being is so we know how many hunters participated.
12. Bonus fox is on an unknown ham frequency.

Prizes include: Doppler system w/antennas + handheld dual band
Several New hand talkies
1 new mobile VHF rig
Misc. Goodies
and anything else I can find before then.

Prize specifics and coordination frequencies will be posted later.

For information or to register please contact Chris Stevens at (918)640-0220 or sp-cas@webzone.net.



QRP in France

by Jim Speck, W5AI

It was to be our third trip to France on bicycles. Before, I had taken a dual-band HT, but hadn't had much luck making contacts. This year, I'd take an HF rig, and try to make a schedule back home. At the July Oklahoma City Ham Holiday hamfest, I picked up a used NorCal 20, a complete twenty meter transceiver in a small package, about 6" x 6" x 2", and weighing a pound, more or less. It was designed by AD6A, Dave Fifield, and was sold as a kit. It tunes from 14035 to 14075, was a superhet with a sharp crystal filter, and has a built-in keyer and frequency counter. It puts out about 5 watts with 12 volt supply.



It's important to be small and light, because everything we take has to be carried on the bicycle or in the trailer. The bicycle is made by Green Gear Cycling, in Eugene, Oregon. It is a tandem two-seater and is called the Tandem Two'sday. Its claim to fame is that it comes apart into two pieces, and each piece folds to fit into a 26" hard side suitcase. The two suitcases, when the bike is assembled, make a trailer which is pulled behind the bike, and all the clothes and gear go in the trailer. We planned to fly into Bordeaux, in the Southwest of France, and ride through the Dordogne and Lot river valleys to see the sights. We signed up for a week of hiking and sightseeing with a British hiking club (called HF Holidays) in Sarlat-la-Caneda, about 150 miles east of Bordeaux. This is where I planned to do my operating, since we'd be in a hotel for that week, and I could rig an antenna somehow.

What antenna to use was discussed with

several locals here, and the feeling was a dipole or a vertical could probably work out.

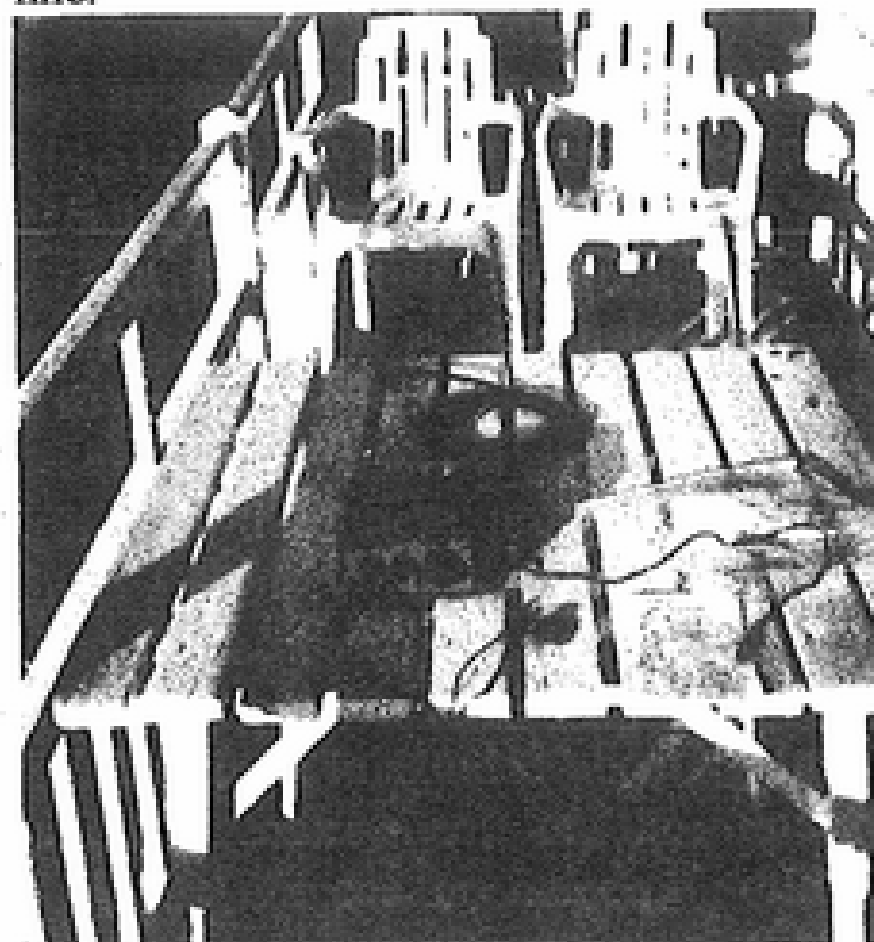
Somehow, the vertical won out. It was made like a two-meter ground plane, using a coax connector with four radials connected to its corners, and the vertical connecting to the pin. I made up five 16 1/2 foot pieces, four for radials with solder lugs on one end and a loop in the other. I soldered the fifth to the center pin, and rolled up all five pieces and put them in a bag. I made up a balun using a toroid of #43 ferrite material with several turns of some really small coax I "borrowed" from Gene, K5DLE. The lead-in was 30' of RG-58 A/U coax, a little heavy but time was short. I used the W7EL "EZNEC" program to model the antenna, which showed the main lobe over good ground was about 25 degree elevation, but the gain was compromised if the base was below about 30 feet. I'd have to do the best I could under the circumstances, and see what happened.

I also picked up a miniature "te ne ke" key at the hamfest from KK5PY, the designer and builder. This key weighs nothing, and is packed in a pill bottle for transportation. I stole the headphones from my wife's laptop computer (she never uses them, anyway), and found that the portable charger for the laptop puts out 13 volts at one amp with 90-230 volts input! I got an adapter from Radio Shack from the 110v to 220v european plug (\$2.00), and made up a power cable. I was all set!

Licensing has become duck soup, since the FCC has implemented the "Recommendation T/R 61-01" of the CEPT or European Conference of Postal and Telecommunications Administration. (See <http://www.ero.dk/> or <http://www.arrl.org/field/regulations/io/#us> for more info.) The only requirement is to carry the FCC Public Notice DA 99-2344 and a copy of your amateur license with you for inspection, if requested. This works for many european countries. No one ever asked about a license on this trip, however.

We left from Will Rogers Airport, where the bike and baggage were checked through to Bordeaux. The entire package weighed 155 lbs. That's the bike, bags, clothes, and everything we had to carry with us. There's a really nice feature on the Michelin maps of France. Anytime there's a steep climb on a

road, it's marked by a small chevron across the road (from 6% to 10% grade) or two or more chevrons if it's really steep. We chose roads with no chevrons since climbing with all that weight was tough. Somehow, there's a few hills they didn't mark, however, and one of the first was at the end of the first day's ride (of 50 miles) to Monbazillac. This is the site of a famous "chateau" in French, or "castle", in English, and the source of one of the area's finest wines. We climbed up the last kilometer to the chateau and town, to find there's no hotels here - but we stumbled into a nice bed-and-breakfast, so it turned out fine.



We made our way to Sarlat, found the hotel, and checked in. Our room was on the second floor, with a nice balcony. I didn't ask about stringing up the antenna, but just went ahead and did it. I had a roll of waxed tie-cord which I used for support; the top of the antenna was tied to the timbers of the eave over the balcony, and the four radials were approximately 90 degrees apart and drooped three feet or so at the ends. The base was about 18 feet and the strings tied about 8 ft. high to trees and downspouts as available. The feedpoint was right above the next balcony below. That evening at dinner, this nice gentleman asked if that was my antenna above his balcony. I admitted it, and he introduced himself - G3MFW from Cornwall, England. He was on the same hiking tour. At home he operates on the 137 kHz band with 1 watt ERP (800 watts to a pair of 813's, driven by an audio oscillator). His antenna is about a mile of wire wrapped around his house - very short in wavelengths and inefficient. His best DX is 60 kilometers. He uses very slow speed code, sent by computer, with DSP and weak signal techniques.

That evening I set up the rig and looked for a contact. I worked England, Italy, Belgium, and Germany. Looking good. The schedule I had was for 6AM in France and 11PM in Oklahoma the previous night.

XYL Penny set the alarm, and I got up at 5:30 and tuned around 14060, our schedule frequency. I heard W5JJK, W5EIU, and K5DLE well above the noise (there was no QRM - nobody is awake at 6 AM in France) but they didn't hear me at all. This was Sunday AM, in France, and later that day I worked several more stations in Europe. The next AM, I heard the same suspects, and called and called. Then N5UW called me - Cliff is in Earlsboro, OK. We hooked up and he said the temp was still over 100 degrees (it was 60's in France). The band changed, and he faded out, but it was a great thrill. Later that week I heard W5SJC in Okla. City but couldn't work him. Did work another QRP station in Florida, though. I didn't work another station in France. When I started to take down the antenna, I decided to give the rig to a local amateur, if I could find one. I'm sorry to say, I couldn't, so I had to lug it around for the next three weeks on the bike!

More Amateur Radio Newslines...



Enforcement: One last chance for Michigan Ham

The FCC has told Michael E. Guernsey, Sr., ND8V of Kalamazoo, Michigan that he has to change his way of operating a ham station or lose his license. Newslines' Henry Feinberg, K2SSQ, has more:

The notice comes in an October 17th warning letter from the FCC's Riley Hollingsworth and tells Michael Guernsey, ND8V, that the FCC will act against him if any more complaints are received.

Hollingsworth says that monitoring information and complaints before the Commission allege that Guernsey has

deliberately interfered with ongoing communications on the 20-meter band. Hollingsworth says that Guernsey particularly targets communications of Hispanic operators and truckers. These says Hollingsworth are stations whom ND8V perceives as having an improperly wide SSB signal or a signal which in his opinion exhibits excessive microphone gain.

Hollingsworth cites several instances of Guernsey's alleged misbehavior going back to April 20, 1999. More recently, Hollingsworth alleges that on Monday October 2nd and again on Friday, October 13, Guernsey apparently transmitted on 14.310 and 14.313 MHz with a signal not identified by callsign. Also that Guernsey deliberately interfered with ongoing communications, using language unbecoming to a radio amateur.

Hollingsworth says that these problems indicate that Guernsey is seriously misinformed about the basis and purpose of the allocation of spectrum for Amateur Radio. Also that he is misguided about the Commission's enforcement of the prohibition against obscene or indecent Amateur Radio transmissions.

Hollingsworth then warns Guernsey that the letter serves as notice that the FCC will designate his Amateur Station license ND8V for a revocation hearing before an Administrative Law judge if such operations reoccur. Also that the agency will designate Guernsey's Extra Class operator license for suspension for the remainder of the license term.

From the Big Apple, I'm Henry Feinberg, K2SSQ, reporting for Newslines.

Whether he keeps his license or is forced off the air appears to be up to ND8V.
(FCC)

FCC: Help us with our website

The FCC is seeking public input on its website. Specifically, the agency wants to know what you expect from the FCC website, and is it delivering what you want?

Among other things comments should address, usability, navigability, format,

content, interactivity and ease of contacting the Commission. Comments are due by November 10th and may be sent by e-mail to:

webeval@fcc.gov

(FCC)

Tragedy: Two hams killed in flying doctors plane crash

Some sad news. Two Oakland, California, medical professionals died when their private plane crashed October 14th. Dr. Marvin Weinreb, KE6WPH, and Deborah Lucero, KC6UEJ, were among six medical volunteers returning from a humanitarian mission in Mexico.

The group was a part of an organization known as Los Medicos Voladores or The Flying Doctors. They were killed when a twin-engine private plane piloted by one of the physicians crashed near the city of Ensenada. The six had spent the previous day treating dozens of patients free-of-charge in the village of San Ignacio. A joint investigation of the crash is underway by Mexican and United States officials.

(LMV, published news reports)

International Italy - The River Po Award

From Italy comes word that the River Po Award is now being made available to hams and SWL's who can prove confirmation of contacts since January 1 1993 with a number of Italian provinces adjacent to the river Po. Eligible provinces include Cuneo, Torino, Alessandria, Vercelli, Pavia, Lodi, Piacenza, Cremona, Parma, Reggio Emilia, Mantova, Rovigo, Ferrara. If you think you qualify, make your submission to the:

ARI

P.O. Box 105
45035

Castlemassa, Rovigo
Italy

(ARI)



OKlahoma DX Association

November, 2000

From Da' Prez

By LARRY SHIMA, WØPAN

As most of us are bailing out from the fall monsoon surprise this year, it is always a good idea to recall the safety issues with antennas. Among other things, be extra careful around antennas and towers when the ground is wet. With the contest season upon us, each of us must be cautious with our antenna tweaking – particularly around power lines. Be safe – it pays!

The new OKDXA fiscal year has started and it is time to renew your annual dues. \$20.00 gets you another year to help us fund various projects sponsored by the OKDXA and a snappy newsletter in your mailbox every month. If the membership level warrants, I would like to see us provide \$150 - \$200 to at least five DX'peditions this year, and there are some dandies coming up this season. We receive recognition for the support and it is important to all of us that we do our small part to help the DX'pedition crews defray some of their QSL costs, and that's not an inexpensive undertaking when the QSL's run into the 10 or 20 thousand levels. In some cases we are talking 50,000++ cards. If you enjoy DX'ing, please help us by renewing (or joining) the OKDXA. Send your dues to Jerry Chouinard, K5YAA at the address at the end of this newsletter.

If you have a club in your area that needs a program, let me know and I will send you one of our DX'pedition videos that you can use in presenting what DX'ing and Contesting are all about. They do promote the hobby and can recruit new Hams!

I have a couple of hats and XL T-shirts left along with some OKDXA patches. If you are interested, drop me an E-Mail or call on the twisted pair.

Have a great and successful Fall season chasing DX and Contesting – remember, it's the fun of it that makes our hobby such a great way to make good use of your spare time. — WØPAN

Secretary / Treasurer Report

By JERRY CHOUINARD, K5YAA

(C&E deadline was last week? Really?)

From Da' Editor

By NELSON DERKS, AC5UP

Not much to report this month. Morning band conditions into Europe on Ten have been fairly good lately and I've worked a few, also snagged JT1CO in Mongolia on Ten one lucky evening. If this keeps up, I'll be convinced the "Coaxial Windom" I described last month really does 'get out'. Say what you want about the concept of DX as a numeric exercise in distance, but some places seem farther out than others. Mongolia feels 'way out there' to this OM and I still get a thrill working Siberia, Asiatic Russia, or any place with a name I can't pronounce. And it wouldn't hurt my feelings if I worked Antarctica. This is the time of year to try. I'm also starting to pay attention to 12 Meters and have made a few nice Q's up there. Funny how the WARC bands have been ours for nearly 20 years, but many of us still think of them as 'The Other Bands' (?).

In late October I noticed a question come up in the Elmer section of eHam.net about the value in using a metal desk as a combo operating position and RF ground. In usual Ham fashion, the comments focused on resonance and radiation efficiency. Yeah, that's the textbook answer. But you won't catch this OM parking the family jewels (or any other part of my anatomy) inside a metal shell lit up with any serious RF. No matter how well it loads. Call me a wimp, but there's a reason why we check the RF current on ground radials to make sure they're working. Think about it.

And speaking of RF, a collection of Linear Amplifier projects on CD-ROM is being offered on eBay for only \$9.95 featuring genuine Motorola RF parts, design, and construction tips including the PCB etching patterns. Heck of a deal, until you find the application notes on Motorola's web site at: <http://mot-sps.com/rf/apnotes/apnotebyfreqrange.html>. These app notes are almost everything you'll need to build an RF amp with Motorola semiconductors; complete with RF Legend & Lore. Helluva Deal, and don't be surprised if they bear a striking resemblance to the eBay version.

While you're surfing the web, swing by <http://www.mdxa.org/buro.html> and check your inbound QSL box at the Magnolia DXA "W5 Bureau". Way'Ta'Go, MDXA!

— AC5UP

OPDX Bulletin - Internet Edition

The Ohio/Penn DX PacketCluster

Editor Tedd Mirgliotta, KB8NW

Provided by BARF-80 BBS Cleveland, OH

From the 3B6RF Website: October 1, 2000

Agalega 3B6RF Bulletin Number Nine

"WE HAVE TO POSTPONE"

Our landing permit for Agalega was cancelled due to unexpected elections in Mauritius in mid-September. Officials of the new Mauritius Government have asked us to postpone the expedition for 2 to 3 weeks for security reasons. This created difficulties as there are only two regular ships per year heading to 3B6, in October and May. The time is too short to organize another ship and that would be far out of our budget. The ship we chartered for our return from 3B6 to 3B8 cost US \$ 30,000 and most of the members could not extend their leave / holidays. This unexpected change was a real shock, as everything was prepared professionally and 2 tons of equipment was cleared by customs at the airport. We were ready to go. But, I'm very pleased to inform you that in spite of this, we are still highly motivated and looking forward to the DX'pedition now scheduled for May of 2001. Unfortunately, not all of the current crew may be able to participate in May of 2001.

We shall continue our open information policy and are motivated to carry out a successful 3B6 expedition in May 2001. We shall continue to publish a monthly bulletin to inform the worldwide DX community about the latest news, which can also be found on our website.

<http://www.agalega2000.ch/>

Hans-Peter, HB9BXE

Leader 3B6 Dxpedition

3D2, CONWAY REEF

Mats, 5X1Z (SM7PKK) and Nils, SM6CAS have announced a DX'pedition between April 5th and 24th of 2001. Three of the operators have been on Conway Reef at least once and are well seasoned DX'peditioners. They are looking for two more operators to join the team and plan four complete stations running 24 hours a day with their own generators, amplifiers and Force 12 antennas. No call signs were mentioned in the press release. Estimated costs are \$45,000 (USD) and support from clubs or individuals will be appreciated.

Hrane, YT1AD reports he has organized an operation from Conway Reef February 5-15th, 2001. There were some concerns raised on the group's operation during the hurricane season, but Hrane reports the storms are over by the middle of January. They plan to have three stations active at the same time, each with a 1KW amp, two 3 element multi-band beams, one vertical and a wire for Top Band. The call will be published by February 5th, 2001.

4M, VENEZUELA

Scott, W4SO will be active as 4M5X in the CQWW CW Contest as a Single Band 20 Meter entry. He says there is a slight chance he may decide to be a Single Band entry on 15 Meters, but is leaning towards 20. QSL via W4SO.

4S, SRI LANKA (IOTA AS-003)

Phil, G3SWH and his XYL will be active from 4S November 9-22nd as 4S7WHG. They will travel extensively during their stay and plan to operate CW (only) on all bands, 40-10 Meters, for a few hours most days. (circumstances permitting) This is a holiday operation with limited activity and they will spend the last few days near the beach at Unawatuna in the south part of the island. QSL via G3SWH, direct or via the RSGB bureau.

5R, MADAGASCAR (NOT A Slim!)

Reports have been circulating about a possible SLIM operation by 5R8O. This station is active on 20 Meter CW and giving his name as Albert with a QTH in Tananarive, Madagascar. He also asks for QSL's via 5R8FL. However, thanks to Ed, NA5G who has been in contact with 5R8FL, the following status report was given on 5R8O: Andreas, 5R8FL states the station "is legal, but his call sign is a bit special because he operates inside the Gendarmerie county. So, to simplify the QSL reception, he asked me to be his QSL manager." WFWL!

6Y, JAMAICA

Ron, 4S7RO will be calling 4S7RO/6Y5 from Kingston, Jamaica and expects to be there for the next two years. He says the 6Y5 Ham community has been VERY hospitable and generous (*no problem, mon*) Ron plans to be active on 20 Meter CW & SSB and may try 6 Meters. He hopes to work into the US and his XYL, VU2MAB will be on the air shortly. No QSL info yet.

9X, RWANDA

"THE 59(9) DX REPORT" says Charlie, N4CT will be at the U.S. Embassy in Kigali between January 12th and March 12th next year and hopes to be active from this African nation.

A5, BHUTAN

The Bhutanese Dept. of Communications has approved Charly, K4VUD for 1000 watts transmit power from Bhutan this December. Both Yani (9M6US, YB0US) and Charly (K4VUD, HS0ZCW, 9N7UD, V26V, XW1UD) have paid their fees and airplane tickets in advance for travel to Thimphu, Bhutan arriving December 1st and departing about December 9th. They will have a tribander (and maybe 2 more plus a WARC beam depending on repairs) and wire antennas. Charly states, "These are totally self-financed trips, so no web site, no huge 160 Meter antennas, no E-mail, and so on, but we plan to have a lot of fun." Charly's callsign will be A52UD (Yani's was not mentioned). Charly will be on SSB and CW, emphasizing the low bands, while Jani plans to run RTTY. QSL requests for A52UD go to K4VUD (direct with SASE is faster, bureau replies will be very slow); Jani will announce his separate QSL address and policy. Charly's e-mail is: k4vud@hotmail.com

B7 / BT4, CHINA

A group of Hams in the Guangdong Province will be active in the CQWW SSB and CW Contests using the special call sign B7K. QSL via BD7NQ: P.O.Box 599, Foshan GD 58000, P.R. CHINA. Listen for the special amateur radio station BT4ARDF during the 10th ARDF World Championships. The station will operate from the New Century Hotel and reports claim that QSL cards are being printed.

CE0X, SAN AMBROSIO ISLAND

Marco, CE6TBN and Team Leader for the San Ambrosio Island DX'pedition 2001 will be on the air as CE0XT from San Ambrosio (IOTA SA-013) in February. CE0X is ranked #34 on the ARRL DXCC Most Needed List. Activity will begin the second full week of February 2001 on 160, 80, 40, 30, 20, 17, 15, 12 and 10 Meters, SSB, CW, RTTY and PSK31. QSL via CE6TBN: Marco A. Quijada, P.O. Box 1234, Temuco, Chile. Any financial support is welcome. For more info visit: <http://www.qsl.net/ce0xt>

D68, COMOROS

A bulletin was released regarding the D68C DX'pedition to Comoros Island, February 8-28th. You may have already heard Don, G3OZF as D68/G3OZF while on a survey trip to get everything lined up for the operation. Yaesu is the primary sponsor, but other sponsorships are being sought from DX groups and foundations to help with the high cost of shipping some 3 tons of equipment to D68. Since their last bulletin, the following have joined the DX'pedition team: Tim, G4VXE (the technology whiz), Yoichi, JP1NWZ (an all-rounder), and Rob, PE9PE who will be welcomed by 6 Meter, VHF and satellite operators. He will be ensuring that D68C is available via the current range of amateur satellites. Clif, N5UW will not be going as they didn't need a generic OM from Oklahoma. The D68C web page is now at: <http://www.dxbands.com/comoros>

EP, IRAN (New Iranian Stations)

Mac, W3HC has received E-mail from Iran, which indicates there will be seven stations set up for the "Civilization Talks". Listen for the old timers EP2FM, EP2CM and EP2ES, along with 4 new novices to be active with most of the activity from EP3PTT (the club station). They will notify Mac when they have call signs for the new stations. Mac also has a Web page with news of Ham Radio in Iran up at: www.ep3sp.homestead.com/index.html

On October 10th, Hamid, EP3HR and his friend Yar, EP3SP opened club station EP4PTT. The club has a license from the Ministry of Post and Telephone of Iran and will only be active on 14 MHz as their equipment is home-brew. The transmitter has 20 Watts of output feeding a dipole. QSL via the Iranian Bureau.

ER, MOLDOVA

Slawa, ER1LW will be using the call sign ER6A in the CQWW SSB, CW & RTTY Contests. Please QSL direct to: P.O. Box 112, Chisinau, MD-2012, Moldova.

EZ, TURKMENISTAN

Alex, EZ8CQ will be active on RTTY in early November and is also active on 160 Meters. Listen for him around 1830 kHz at 2000z. Skeds are welcome, send E-mail to ez8cq@qsl.net, QSL via W0FS (US only).

EY, TAJIKISTAN

Nodir, EY8MM reports an international group will participate in the CQWW SSB Contest as EY2A in the Multi/Multi class.

This will be the first ever M/M attempt from Tajikistan. QSL EY2A via K6VNX.

FM, MARTINIQUE

The "Les Nouvelles DX" reports that Gerard, F2JD is now in Martinique and will be there for 6 months, at least. Listen for him to be active as FM/F2JD.

FS, FRENCH ST. MARTIN

Members of the North Jersey DX Association (NJDAX), Brass Pounders Club of Bucks County, and the West Essex Amateur Radio Club (WEARC) will be on the air from French St. Martin December 5-12th. They will operate Multi-Op/Mixed Mode in the ARRL 10 Meter Contest using the call sign FS/W2JJ. Operators Mike, WA2VUN; Jay, WB2BHC; Gene, K2KJI; Maryann, K2RVH; Bob, W5GJ; Ann, W2AZK, and Brian, KF2HC should be on the air by 2300z on December 5th. They plan two stations for HF SSB and CW plus a separate station for 6 and 2 Meters. They will try to operate in the U.S. general segments as conditions permit. Individual call signs may be used, but most of the QSO's will be as FS/W2JJ. QSL via the call sign worked

HC, ECUADOR

Doctor Rick, NE8Z will be operating as HC1MD from Nov 25th thru Dec 11th. Activity will be on 40-10 Meters CW/SSB (500 watts) and 6 Meters (10 watts). He plans travel in different areas in Ecuador and will sign as HC1MD, HC1MD/HC2, HC3, HC6 and HC7. ne8z@yahoo.com or QSL via K8LJG: John Kroll, 3528 Craig Drive, Flint, MI 48506 USA. You can also view the HC-DX AWARDS at: <http://www.octavia.com/qs/awards.htm>

J2, DJBOUTI

The "Les Nouvelles DX" reports that David, F5THR is signing J28EX and has been here since May 2000 with a year or more planned. No QSN's reported.

KH0, MARIANA ISLANDS

Listen for operators JQ1UKK, JF2SKV, JG3VEI and JH5OXP in the CQWW CW Contest as NH0S in the Multi / Single / High Power Category. Outside the contest between November 23rd and 27th they will be operating on all bands 160 through 6 Meters SSB, FM, CW, RTTY & PSK31. QSL NH0S via JF2SKV / JARL bureau or direct: Hisashi Matsushita, 14-1 Ugasemae Iwakura, Toyota, 444-2225 JAPAN. E-Mail questions to Hisashi, JF2SKV via: 8877@hm.aitai.ne.jp

KH2, GUAM ISLAND

A group from the Nagoya area will be active from Guam (OC-026) November 10 - 15th 160-10 Meters SSB, CW & RTTY. Listen for ops KH2F (QSL via JA2TBS), KR6CZ/KH2 (JA2VFW), AB8EW/KH2 (JH2SON), KH2/JH2ABL (JH2ABL), K1HP/KH2 (JE2EHP), KH2/JH2KDP (JH2KDP), KH2/JJ2MST (JJ2MST), KH2/JL2WNA (JL2WNA), and KH2/JQ2PTN (JQ2PTN). E-Mail Masao, JA2TBS/KH2F via ja2tbs@jarl.com

MM0, SCOTLAND

Leo, W3LEO be active from Portpatrick in southwest Scotland from about October 24th through November 16th. This is a vacation operation, not DX'pedition. His on-air time will depend on band conditions and when the nearby pubs are open. (Hi!) Work his new Scottish call MM0LEO but QSL to W3LEO via his CBA (with SASE) or the U.S. bureau.

Colorful Notes:

The nearby pub is 27 steps from the front door of Leo's cottage. URL's of local interest worth checking on slow afternoons: Cheltenham Communications -

<http://www.chelcom.com/html/hfv1.html>

Moir Cottage [MM0LEO's QTH] -

<http://www.moir-cottage.co.uk/>

Harbour House [the pub's location] -

<http://www.harbourhouse.co.uk/>

OH0, ALAND ISLAND

Ari, OH1EH reports that after several antenna parties the Aland Islands contest station is ready to hit the air with several new antennas, including a 3 element full-sized 80m delta-loop. For more info visit: <http://www.qsl.net/oh0z>. OH0Z will be active in the CQ WW DX Contests, 160-10 Meters operated by OH1EH (SSB) and OH1JT (CW). QSL via OH1EH: Ari Korhonen, Kreetalank. 9, FIN29200 Harjavalta, Finland.

Jukka, OH6LI will be active in both the CW and SSB CQWW DX Contests as OH0V on 10 Meters. QSL via Jukka Klemola, Aarontie 5, 31400 Somero, FINLAND.

PJ2, NETHERLAND ANTILLES

Joeke, PA0VDV plans to be active from October 26th through November 15th as PJ2/PA0VDV from Curacao. This will be a CW only operation on all HF bands. QSL direct to: Joeke van der Velde, Delleburen 1, 8421 RP Oldeberkoop, Netherlands; or QSL via the bureau

(please mention "via QSL Regio R14"). QSL requests can be made by E-mail after November 30th to: pa0vdy@planet.nl with replies returned via the bureau.

TT8, CHAD

Christian (ex-6W1QV, FH/TU5AX, TT8SA, TR8SA D2SA, etc) is now active as TT8DX from Moundou (Cameroun and Centrafrique) for the next 16 months. Activity will be 80-6 Meters SSB with a TS-690S and 1500 watts linear for HF and 400 watts for 6m, HF2V and 7 element beam for the upper bands. QSL via F5OGL bureau or direct.

V47, ST. KITTS

Larry, KJ4UY will be in St. Kitts as his daughter will attend the Ross Veterinary School starting next year. Karl, V44NK is loaning Larry an A3 tribander and he is taking an R-7 vertical and Icom IC-706. On-air operation should be heard between December 10th and 18th as V47UY. QSL via KJ4UY.

VP2, BERMUDA

Mark, AA1AC will call as AA1AC/VP9 from Hamilton Parish, Bermuda from December 8-12th. Operations will include 10-80 Meters CW/SSB, with an emphasis on the ARRL 10-meter Contest. QSL to CBA: 15 Coral Lane, Tiverton, RI 02878.

VP5, TURKS & CAICOS ISLANDS

The North Florida DX Association will be active in the CQWW SSB & CW contests as VP5DX. QSL VP5DX via NU4Y. Ops will sign VP5/homecall before & after, QSL to their home call signs.

ZF2, CAYMAN ISLANDS

Steve, K3SA will be active as ZF2SA for the CQWW CW Contest and the ARRL 160 Meter Contests. Also, listen for him (CW) on all bands between contests. QSL via home call.

ZK2, NIUE

Bill, W7TVF will be active from Nov 19th through Dec 10th as ZK2VF. Listen on 160-6 Meters with priority on 160 M to Europe, Africa, and South America during their grayline. Plenty of time will be spent on all bands for anyone who needs a QSO. Bill will be operating from the "Beautiful Namukulu Motel" with Alpha power and good antennas. QSL direct with SASE and return postage to: Bill Dawson "W7TVF", P.O. Box 4049, Pahrump, Nevada 89061. <http://coyote.accessnv.com/ad7k/w7tvf>.

IOTA NEWS

NOT OC-125 Gary, DU6/K9AW and his QSL Manager Paul, WF5T have been getting queries questioning his IOTA number. Gary has operated only from Negros Island (his home) in the Visayan Island group **OC-129**. Someone has mistakenly spotted him on a DX Packet Cluster as being **OC-125** in the Semirara Island Group (also a DU6 prefix). He is sorry for this spotting error.

OC-140 The VK6 DX Chasers Club will be active from Direction Island November 5-13th. Direction Island is part of the Mackerel Islands including Thevenard Island, activated previously by Mal, VK6LC. The island is 12 Km offshore from the small West Australian town of Onslow in the state's North West, and some 1400 Km by road from the capital city, Perth. A group of 10 operators will activate the island as **VK6DIR** on 40-6 Meters, including the WARC bands. 75/80 Meter operations will be attempted but hopes are not high for any great success due to the latitude and time of year. This is the same group that activated Woody Island (**OC-170**) in March of 1999. QSL via Neil, VK6NE (vk6ne@upnaway.com). For a look at the Mackerel Islands, visit: <http://www.mackerelislands.com.au/> News of the expedition will be posted at <http://www.ncrg.org.au/>

OC-201 Dr. Barry, ZL1DD will be active on 80-10 Meters from Waiheke Island in the New Zealand North Island Coastal Island Group. He states that he is willing to set skeds via E-mail for island hunters at: bjk@ihug.co.nz. QSL Barry Kirkwood PhD ZL1DD, Signal Hill Homestay, 66 Cory Road, Palm Beach, Waiheke Island 1240, NEW ZEALAND. Visit their page: <http://www.waiheke.co.nz/signal.htm/>

J2, DJBOUTI

The "Les Nouvelles DX" reports that David, F5THR is signing J28EX and has been here since May 2000 with a year or more planned. No QSN's reported so far.

MISCELLANEOUS NEWS**RSGB IOTA 2000 PROGRAMME**

The CDXC web pages (www.cdxc.org.uk) contain the full IOTA 2000 rules, island listings and a FAQ page. These web pages also contain conversion tables between the new IOTA's arising as a result of the publication of the IOTA Directory 2000 and the old IOTA's qualifying for the

IOTA 2000 Programme. The SM6DEC record system can be downloaded and is ideal for making applications. Regularly activated islands counting for premium points during October, November and December are listed below.

OCTOBER 2000

NA-066 W6, CAL STATE SOUTH
NA-143 W5, TEXAS STATE EAST
SA-001 CE0, EASTER ISLAND
SA-004 HC8, GALAPAGOS IS

NOVEMBER 2000

NA-036 VE7, VANCOUVER ISLAND
NA-051 VE7, QUEEN CHARLOTTE IS
NA-065 W7, WASH STATE NORTH
OC-027 FO, MARQUESAS IS
OC-044 VP6, PITCAIRN ISLAND
OC-046 FO, WINDWARD GROUP

DECEMBER 2000

OC-013 ZK1, RAROTONGA ISLAND
OC-019 KH6, HAWAIIAN IS
OC-030 KH4, MIDWAY IS
OC-040 ZK2, NIUE ISLAND
OC-045 KH8, TUTUILA ISLAND
OC-048 ZK3, TOKELAU IS
OC-067 FO, LEEWARD GROUP
OC-083 ZK1, AITUTAKI
OC-097 5W, WESTERN SAMOA

In September, over 50 premium counters were activated in the Americas and Caribbean. Remember there are no charges for the IOTA 2000 awards and QSL cards are not required. Please do not send your applications until January 2001 and note the certificates will not be serially numbered. At least ten stations have already achieved the 900 point level thus qualifying for the Gold Certificate.

Enjoy IOTA 2000.

Neville Cheadle, G3NUG

Chairman - CDXC (Chiltern DX Club)

KH6ND/KH5 (Palmyra Island) press release from K6GNX - October 13, 2000
Mike, KH6ND/KH5 reports there are two operating positions on Palmyra, the "big" station and the "little" station. At the big station there is an elevated radial vertical for 160/80/40. To change bands requires going outside (often in heavy rain) to lower the vertical and switch the jumpers on each wire. This takes 5-10 minutes and, as a result, Mike plans his schedule to stay on each band for some time. This means requests for a band change cannot be granted as too much time is lost doing so.

The RTTY rig does not have a narrow filter and the RTTY operation is limited. Until this filter problem is resolved don't expect very much RTTY.

Mike says he starts the typical day on 160 about sunrise on the East Coast. Then switches to 80 and finally 40. During the day he is sometimes at the "little" station where WARC activity takes place. This station is only 100 watts with a BW broadband antenna. This operation is between other duties and sporadic at best, with no WARC operation on some days. Mike says that 200 Q's/hour is typical on CW but he often calls CQ on SSB with no takers. Mike will be joining the Kingman Reef team for that operation.

Dr.Bill - K6GNX

SPECIAL EVENTS

Listen for the Yugoslavian special event station YU130Z celebrating the 130th Anniversary of Fire Brigade "Matica" thru November 20th. QSL via YU1AVQ.

The first radio broadcast transmission in Germany was heard December 22, 1920. The station transmitting this first official radio broadcast (an instrumental concert) was "Koenigs Wusterhausen" about 15 km southeast of Berlin. Since 1997, the Radio Club K=F6nigs Wusterhausen (OV "Y07" chapter of the D.A.R.C.) has issued the "Sender K=F6nigs Wusterhausen" Award. From December 1st until December 23rd the club call DL0KWH will be active at the QTH of this old radio station using the special DOK (for DLD award) "80 Radio". For details visit www.qsl.net/dl0kwh

DXCC STATUS REPORT

Wayne Mills, N7NG/1 of the ARRL Membership Services Department, reports the current turn-around for DXCC applications is about eight weeks. They are working overtime to reduce this figure and installing new computers to improve the way the DXCC program operates. By the end of the year 2001, they should be able to generate an E-mail receipt automatically for each DXCC application received.

FO0AAA VIDEO

James, 9V1YC has finished the Clipperton Island Video. Details on how to order are at: <http://home.pacific.net.sg/~jamesb>. The A52A Bhutan video is being worked on now, so stay tuned!

#CQDX HAS MOVED

Doug, N6RT reports the #CQDX chat channel has moved from Othnet to the WorldIRC network: <http://irc.worldirc.org/> Everything is exactly the same, but you will need to reconfigure the address you connect to in your DX-Telnet, mIRC, or other IRC software. Please visit

<http://dx.qsl.net/cqdx> for more info.

SOMETHIN' JUST AIN'T RIGHT !

A station calling as 3W1A on 28495 kHz requesting QSL's be routed via N6HK is a SLIM. Steve, N6HK states he's not the QSL manager for any station.

Gene, TZ6YV reported hearing a station using the call TZ1GH advising people to QSL via the Bureau! According to Gene, the call TZ1GH has not been issued and Mali has no QSL Bureau.

FORMULA ONE EURO DX RACING?

(Editors Note: I usually trim press releases for brevity, but decided to present this one in all its exuberance for your amusement. Some contest ops are very, very serious about their technique! —AC5UP)

Watch out for OH0BH, OH2BH and JW5E firing up from Svalbard. If you're familiar with Formula One, the world's premiere motor sport, you will appreciate the 1999 F1 racing approach to CQWW SSB with Jeff Steinman, N5TJ piloting EA8BH to a single-op, all-band scoring record. <http://www.qsl.net/oh1noa/ccf2000/formula1.htm>. Martti J. Laine, OH2BH and spokesman for the team, says "We are adopting the same approach to test the F1 concept at continental and sub-regional levels while returning to the world arena only for CQWW CW." The team has been working hard to build competitive sites for the current racing season. Ilkka Korpela, OH1WZ will be piloting the OH0BH site on Aland Islands, targeting a new European all-band record, while Timo Klimoff, OH1NOA is going to be at the controls at OH2BH, aiming for an all-time high from mainland Finland.

Ilkka Korpela, is no stranger to serious contesting. His skills and strategic thinking are well recognized in Finland, and he has scored well in several domestic races. He has studied and experimented with several dual-station configurations; hence the OH0BH site now features a full-fledged dual radio / dual beam antenna setup under Ilkka's command. See Ilkka's homepage at <http://www.helsinki.fi/~korpela/amateur.ht>

m for more info. Timo Klimoff, secretary and editor-in-charge of Contest Club Finland, scored extremely well (placing 5th) in WRTC-2000. He is used to racing at OH1AF/OH1F, and he has a sharp eye for goodly multiplier runs. Timo is really looking forward to the contest from the OH2BH site with multi-direction arrays, and is determined to take full advantage of the F1 team experience. Check out Timo's homepage at <http://www.qsl.net/oh1noa/>. Martti further comments: "The contesting community is encouraged to call in and provide these runners with a meaningful playing ground by giving our pilots full support for their projected QSO and multiplier levels. Both stations are fully equipped for quick band change following your check-in".

It will be interesting to see how this approach works on continental (Europe) and national (Finland) levels. This year's support team features OH1MA, OH1RY, OH2BE, OH2BK, OH2DT, OH2HE, OH2MM, OH2PM, OH2QM, OH2TA, OH3QK, OH5LF, OH6RM, OH7HAL, OH7MA, OH7NA, OH8QD, OH8SR, Yaesu Musen Co. Ltd. and our site people: Bengt (OH0), Ilkka, Lauri and Touko.

Due to a cancelled Far East operation, both Martti, OH2BH and Pekka, OH2TA will be participating in the CQWW SSB contest by joining the JW5E team in Svalbard. This makes a double multiplier available for this year's event, together with Mathias, LA5NM/JW5NM and Ragnar, LA7FD/JW7FD, plus their team.

ARRL CONTEST CALENDAR

*Reprinted with permission from
QST Contest Calendar — K5TR, Editor*

CONTEST CORRAL FEEDBACK

1999 ARRL Ten-Meter Contest

G0MRH should be shown with 14,080 points, 80 QSO's and 44 multipliers in the Single Op, CW Only, Low Power, Category. N0FW should be listed in the ND section, making him the section winner in the Mixed-Mode, High-Band category. A resolved file problem changes the score of W6SD to 127,410 points on 410 QSO's with 105 multipliers. The San Fernando Valley ARC should be shown in the Local Club Category with a score of 335,866. K0DAT should appear in the Missouri section instead of the Michigan section. The operators for the K6HAI

entry in the San Diego section should be KD7BC, WB6BDY, WA6EOO, AB6EZ, W6JXA, WB6LLO, KC6QHQ, KA6UCD, N6UN, KQ6XJ, KK6XY and W6ZBE.

1999 November Sweepstakes

After re-verifying the entry category, the Single-Operator, Low-Power Phone Canadian winner should be VE4GV.

2000 ARRL RTTY Round-Up

N8LRG should be listed as the Seventh Place finisher in the W/VE MultiOperator Low-Power category. The call sign of KF8KW is incorrectly shown as KF8MK in the KY section.

In the 2000 ARRL International DX CW Contest, W3CP is a Single-Band 10-Meter entry in the MDC section.

WEEKEND OF NOVEMBER 10-12

Worked All Europe Contest, RTTY

From 0000Z Nov 10 to 2400Z Nov 11. 80 40 20 15 10 Meters. Single-op all band, multiop, single transmitter and SWL. DX cluster assistance allowed for all classes. Single ops must take 12 hours "off" time (periods lasting no more than three hours) during the contest. Exchange RST and QSO serial number. Work stations once per band. Count 1 point for each QSO and 1 point for each QTC. A QTC is a report of confirmed QSO's that took place earlier in the contest that is sent back to a station. A QTC contains the time, call sign and QSO number of the station being reported (eg, 1307/DL1AA/346). A QSO may only be reported once, and not back to the originating station. A maximum of 10 QTC's can be sent to the same station, the same station can be worked several times to complete this quota. Count 1 point for each QTC reported to any station not on your own continent. Each station may both send and receive QTC's, but the sum of QTC's exchanged between two stations (sent plus received) must not exceed 10. A uniform list of QTC's sent must be kept. QTC 3/7 indicates that this is the 3rd series and 7 QTC's are now being sent. Record all received QTC's on a separate sheet with a clear indication of the sender. Multipliers are DXCC/WAE countries per band. Each multiplier counts as follows: 80 Meters × 4; 40 Meters × 3; 20 15 10 Meters × 2. Score is total number of QSO's + QTC's × total number of multipliers. Awards. Send logs by Dec. 15 to WAEDC Contest Committee, Durerring 7, PO Box 1126, D-74370, Sersheim,

Germany. E-Mail waedc@darcd.de or visit the web site at <http://server.darc.de/referate/dx/xedcwr.htm>

Japan International DX Contest, Phone
Sponsored by *Five-Nine Magazine*, from 2300Z Nov 10 until 2300Z Nov 12. Work JA's only. 80 40 20 15 10 Meters. Operate no more than 30 hours (JA's operate full 48). Single operator multi/single band, high (>100 W) or low (<100 W) power, multi-single, or maritime mobile. Single ops allowed only one transmitted signal at a time; multiops are allowed an additional signal only to work new multipliers; otherwise, they must remain on a band for 10 minutes. Exchange RS(T) and CQ Zone; JA stations exchange prefecture number (1-50). Score 4 pts/QSO on 160; 2 pts/QSO on 80 and 10; and 1 pt/QSO on 40, 20 and 15. Multipliers are JA prefectures worked per band (max 50). Final score is QSO points × multipliers. Electronic entries accepted. Awards. Send logs postmarked by Dec 31 to JIDX Contest, c/o *Five-Nine Magazine*, PO Box 59, Kamata, Tokyo, 144 Japan. E-Mail to jidx-log@ne.nal.go.jp; visit the web site at <http://jzap.com/jelcka/jidx/>.

OK/OM DX Contest

0000Z Nov 11 to 2400Z Nov 12, CW and SSB, 160 80 40 20 15 10 Meters. Single ops, SSB, CW or mixed mode; Multiops, mixed mode, QRP. Exchange RST plus serial number. OK/OM stations include their three-letter district code no. Count 1 pt/QSO with OK/OM. Final score equals total QSO points times the total number of OK/OM/OL prefixes worked per band and mode. Entries must be received by Dec 15. Mail to: OK1FUA, Martin Huml, Radioamater, Vlastina 23, 161 01 Praha 6, Czech Republic; okmdx@radioamater.cz; <http://crk.mlp.cz/ENG/DXCONTE.HTM>.

WEEKEND OF NOVEMBER 18-20

ARRL November Sweepstakes, Phone
Stations in the United States and Canada (including territories and possessions) exchange QSO information with as many US and Canadian stations as possible on the 160, 80, 40, 20, 15 & 10 Meter bands. Phone: Third full weekend in November November 18-20, 2000. Contest period begins 2100 UTC Saturday, ends 0300 UTC Monday. Operate no more than 24 of the 30 hours. Off periods may not be less than 30 minutes in length. Times off and on must be clearly noted in paper logs and should be listed separately in the "Soapbox

/ Comments" section of an electronic Cabrillo file submission. Listening time counts as operating time. See October *QST*, page 102 for more details.

North American Collegiate ARC Championship, Phone

2100Z Nov 18 to 0300Z Nov 20. Both Runs concurrently with ARRL November Sweepstakes and participation is limited to clubs at institutions of higher learning beyond the high school level. Colleges may enter Sweepstakes in any of the valid Sweepstakes entry categories and abide by all of the ARRL Sweepstakes rules. To encourage club station improvements, all contacts must be made from the established club radio station located on a college campus, if one exists. (No "portable" operation from a nearby contest "super station.") A club may operate from a member's station provided that a club station does not exist on campus. Official results will be based on those published in *QST*, so all contestants must submit a valid log to the ARRL. The combined champion is based on a points system whereby each CW and phone score is divided by the highest scoring collegiate score for that mode and multiplied by 1000. The overall combined score is the sum of the CW and phone points. Separate champions will be determined for CW, phone and combined scores. Contestants must also submit a score summary (the contest summary sheet, not a complete log) to: Collegiate Championship, c/o Ken Harker, WM5R, 927 E 46th St, Apt 102, Austin, TX 78751; wm5r@arrl.net. Provisional scores and winners will be available on home page at <http://www.collegiatechampionship.org/>.

LZ DX Contest, CW only

Sponsored by the Bulgarian Federation of Radio Amateurs, 1200Z Nov 18 to 2100Z Nov 19, 80 40 20 15 10 Meters. Categories A--single op, multi band; B--single op, single band; C--multiop; D--SWL. All categories must stay on a band 10 mins. before changing to another band. Exchange RST and ITU zone. Count 6 points for QSO with an LZ station, 3 points for QSO outside your continent, 1 point for QSO inside your continent. Multiplier is ITU zones per band. Final score is QSO points × total ITU zones. Awards. Send log within 30 days to: BFRA, PO Box 830, 1000 Sofia, Bulgaria. E-Mail to lz1bj@yahoo.com, web site at <http://www.qsl.net/lz1fw/contest/>

WEEKEND OF NOVEMBER 25-26

2000 CQ Magazine WW Contest, CW
Starts 0000 GMT Saturday ends 2400 GMT Sunday. Amateurs around the world contact other amateurs in as many zones and countries as possible on all bands, 1.8 through 28 MHz, except for WARC bands. See <http://www.cqww.com/2000rules.htm> or October, *QST*, Page 101 for details.

WIAW Qualifying Runs are 9 AM EST, Thursday, November 2, and 7 PM EST Friday, November 17. The K6YR West Coast Qualifying Run will be at 9 PM PST on Wednesday, November 1. Check the WIAW schedule in *QST* for details.

NOV / DEC CONTEST SUMMARY

(Courtesy Of Bruce Horn, WA7BNM)

NOVEMBER, 2000

		1000Z,
IPA Contest, CW	0600Z -	Nov 4
		and
	1400Z -	1800Z,
		Nov 4
Ukrainian DX Contest	1200Z,	1200Z,
	Nov 4 -	Nov 5
ARRL Sweepstakes Contest, CW	2100Z,	0300Z,
	Nov 4 -	Nov 6
North American Collegiate ARC Championship, CW	2100Z,	0300Z,
	Nov 4 -	Nov 6
Running of the QRP Bulls	2100Z,	0300Z,
	Nov 4 -	Nov 6
IPA Contest, SSB	0600Z -	1000Z,
		Nov 5
		and
	1400Z -	1800Z,
		Nov 5
High Speed Club CW Contest	0900Z -	1100Z,
		Nov 5
		and
	1500Z -	1700Z,
		Nov 5
Japan Int. DX Contest, Phone	2300Z,	2300Z,
	Nov 10 -	Nov 12
WAE DX Contest, RTTY	0000Z,	2359Z,
	Nov 11 -	Nov 12
ALARA Contest	0001Z -	2359Z,
		Nov 11
Veteran's Day QSO Party	0001Z,	2359Z,
	Nov 11 -	Nov 12
OK/OM DX Contest, CW	1200Z,	1200Z,
	Nov 11 -	Nov 12
LZ DX Contest, CW	1200Z,	1200Z,
	Nov 18 -	Nov 19
IARU Region 1 160m Contest, CW	1400Z,	0800Z,
	Nov 18 -	Nov 19
LI/NJ-QRP Doghouse Operation Sprint	1700Z -	2100Z,
		Nov 18
ARRL Sweepstakes Contest, SSB	2100Z,	0300Z,
	Nov 18 -	Nov 20
North American	2100Z,	0300Z,

Collegiate ARC Championship, SSB	Nov 18	Nov 20
RSLB 1.8 MHz Contest, CW	2100Z, Nov 18	0100Z, Nov 19
CQ Worldwide DX Contest, CW	0000Z, Nov 25	2400Z, Nov 26
2000 6m Activity Contest	1800Z	2200Z, Nov 28

DECEMBER, 2000

ARRL 160-Meter Contest	2200Z, Dec 1	1600Z, Dec 3
TARA RTTY Sprint	1800Z, Dec 2	0200Z, Dec 3
QRP ARCI Holiday Spirits Sprint	2000Z	2400Z, Dec 3
ARRL 10-Meter Contest	0000Z, Dec 9	2400Z, Dec 10
28 MHz SWL Contest 2000	0000Z, Dec 9	2359Z, Dec 10
AGB Party Contest	2100Z	2300Z, Dec 15
OK DX RTTY Contest	0000Z	2400Z, Dec 16
Croatian CW Contest	1400Z, Dec 16	1400Z, Dec 17
DARC Christmas Contest	0830Z	1059Z, Dec 26
2000 6m Activity Contest	1800Z	2200Z, Dec 26
RAC Winter Contest	0000Z	2400Z, Dec 30
Stew Perry Topband	1500Z	1500Z

Challenge

Dec 30 Dec 31

Doctor DX:*Dear Dr. DX:*

What's the * NEXT BIG THING * in Amateur Radio we can look forward to?

Signed: Nick Strodamus

Dear Nostril Hair:

As my thousands of faithful readers (or hundreds, or dozens, or) Okay... As YOU are painfully aware, *Doctor DX* lives on the bleeding edge of technology so you don't have to! (as if you were going to upgrade your ARC-5 station to a HW-101 anytime soon. HA!) Here's something I caught in the SFO Chronicle Tech section that may give your old crystal ball a clue:

'Celestial Jukebox' Coming Soon to a Cell Phone Near You: Wireless music turning into reality.

You're walking down the street and suddenly get the urge to hear the Temptations' timeless classic "Just My Imagination," but you don't have a CD or MP3 player.

So you grab your cell phone, call your wireless music service and instantly, Eddie Kendricks' controlled falsetto voice starts flowing over the phone in full stereo. But

then, the phone displays video of a lesser-known version by Babyface and Gwyneth Paltrow. You hit the "buy" button and start downloading that MP3 into the phone.

If this so-called celestial jukebox scenario sounds like science fiction, it is. But it won't be fiction for long. Wireless music is slowly becoming a reality. And numerous telecommunications and technology firms are beginning to experiment with ways to bring video, cartoons, games, electronic books and other forms of entertainment to cell phones and wireless devices.

Oh Dr. DX couldn't help but wonder if anyone could adapt this technology to the Amateur Radio Arts. Think about it. Instant "DX On Demand" for any OM so equipped. Never have to wait for another band opening. And remember HF pileups so thick you could almost walk on them? Fuhgetaboutit! This is the Zeroes, I know there's a GENIUS out there who WILL bring this advanced technology to the Ham Community...! If only we knew how, and when, this Hi-Tech Breakthrough becomes a reality... <sigh!> I guess for now, it's just another DX'ers Dream... What A Pity!

— Doctor DX

Successful DX'ers Renew Their OKDXA Membership!

* Our Monthly C&E Special from your friends at FUBAR ShaZamaHamaTronics of Spokogee, OK *

New From ShaZamaHamaTronics: THE CELESTIAL DX MACHINE !!!

THIS HAS TO BE THE MOST SIGNIFICANT PRODUCT WE'VE EVER OFFERED!

IMAGINE the convenience of AN HT YOU CAN HOLD IN YOUR HAND with the DX POWER OF RADIO MOSCOW !!! Yes !!! No larger than a modern Cell Phone, THE CELESTIAL DX MACHINE BRINGS THE DX TO YOU ON DEMAND !!! Simply enter the RARE AND EXOTIC DX CALL SIGN of the station YOU WANT TO WORK on the WATER RESISTANT KEYPAD, then press the "CQ BUTTON" and LET THE CELESTIAL DX MACHINE DO ALL THE WORK FOR YOU !!!

THIS IS THE PERFECT CHRISTMAS GIFT FOR YOUR FAVORITE DX'ER — BUY A SPARE BATTERY FOR DXCC !!!

New Features Coming Soon: INSTANT E-QSL SERVICE and 'ONE-TOUCH' AUTOMATIC DXCC™.

(Note: Instant E-QSL Service not available in Earlsboro, OK - AUTO DXCC™ Service not available in Union City, OK)

As Cletus B. Liddley, A5LID of Bokchito, OK says: "This works GREAT! But I kinda' missed the QRM. For, like, five seconds!"

CALL 1-900-I-AM-A-LID TO ORDER YOURS TODAY !!!

Be sure to mention you saw it in the Collector & Emitter – Visit us on the Web at <http://www.bartcop.com/late.htm>

Want to become a member of the OKDXA? Contact Jerry Chouinard, K5YAA, 7477 Heather Dr. Claremore, OK 74017

Have some DX News? Contact Nelson Derks, AC5UP, 13410 South 128th East Ave. Broken Arrow, OK 74011

E-Mail to: k5yaa@aol.com or kc5qvv@gte.net – Visit the OKDXA Web Page <http://www.qsl.net/okdx>

OKDXA NET ⇒ EVERY MONDAY EVENING AT 6:30PM ⇐ 3860 kHz +QRM

Enid Amateur Radio Club

Hamfest time!!! I hope everyone had a great time. The minutes of the October 26th meeting are next.

John opened meeting Guests: Capt. Hill Enid Police Department - ARES talk (Bob Gillam) and Mike Young -with interest in HAM radio.

Treasurers Report: Al and Clint - moved to accept and 2nd by Clint.

Secretary's Report: Dean move to accept minutes Bill 2nd.

Stu, K5DSR - passed away services were 10/25 at Dover. Dick sent flowers from the club. Motion to pay for flowers, Clint moved, Bill 2nd the motion.

Dick wanted to make motion to assess all members 10.00 to replace hard line. Need 350.00 Clint moved, Bill 2nd, motion carried.

Dick is donating a TacTek radio to the club, it is a commercial radio, 2m rig, programmable, looks new, Suggest we sell it at the hamfest via tickets. 2.00 per ticket or 3 for 5.00. All agreed. This is to help pay for the hard line and the 500.00 to hire someone to climb (Galen will climb)

ARES:

Simulated Emergency Test by the end of Nov. Can help out Police Department at the same time. There will be a Trouble watch net on Halloween.

Mr. Killim will have EOC open for us that night, we will need people to be available during this time on Halloween night We need eyes and ears to help take some load off the Police Department. Time is 6 - 12 midnight.

We can meet at EOC, maps, etc Observe and report operation, report intoxication or vandalism in various areas of town - report what you see - Police Department may ask that you go somewhere also.

Example - large groups of kids 40 - 50 congregate, they could send a patrol car or could send ARES to watch and report.

ARES feed info back to Police Department via the EOC. The more of us out the better to allow the Police to handle important calls. This will allow ARES to meet Nov. SET.

When PD gets stacked up with calls...if officer can be freed up from watching kids doing nothing, then they can handle more important calls. This will be good for ARES to experience proper operation.

Who will be available?

Bill asked if we need to take notes and keep a log or will EOC do this? Good idea to keep a log if possible as a backup to EOC. Will use EOC message board at EOC

ARES will not be driving around patrolling. Will be stationary most of the time.

May be asked to go to a specific place. Will use 444.400 and the 146.29?

Will ask users to clear freq during this 6 to midnight.

We want to build good will with the Enid PD and EOC with this event.

Capt Hill and Bob said the EARC and ARES are valuable.

On Mondays at 7pm we have ARES training net.

Need more involvement. Call in has been low.

Will be asking various people to be net control over time.

ARES volunteers...?

Where is the EOC - basement at Administration bldg?

Meet south parking lot - 2 glass doors will be open 07:30

Election process:

Nominated Dean for pres

Sam for VP

Dwayne for Treas

Tim for Secretary

Any motions from floor...? No

Motion made to accept nomination (by al fox) (Dan 2nd the motion) motion carried.

Need to replace board member - (Al discussing) Bill nominated Al Fox for the board member.

Is there a motion for nominations to cease?

Bill so moves. Motion passes.

Board of directors is now full and the board will vote on a chairman at next meeting.

07:33 Dean Feken takes over as President.

Club is your club, want to make the club grow, glad to see large turnout tonight.

There are over 150 call signs in Enid. Not sure how many are active.

Everyone needs to update his or her addresses.

Al put the new officers into office

Further Business:

Al and Dan discussing

Ham Fest - Dennis will not be at club table, Dan will be there at the AM. Need someone in the PM. Also need relief in the AM so Dan can look around.

Need volunteers for the club table, for talk in to give directions to site,

John - need someone at front table as they come in and pay fee, need to identify if they're for ARES meeting and if so, john has nametags. Need to hand the tags out. Can also sell the tickets for the radio.

Dean - we need rep to do the state ARES meeting coordination from the front desk Sam will take money Bill is rep on tables

Dean - has 6 who will be there to help so should have it covered.

Dean - is there a volunteer to coordinate the club members as they arrive.

Doors open prior to 8am Saturday Dean will coordinate the members

Al - Dan brought up issue - previous evening to ham fest we have had potluck dinner in past

This would need to be a club function since xmas is coming up - consensus of members present is to not have the potluck at ham fest

No meeting in November as thanksgiving is on 4th Thursday this year.

John - we need get name at restaurant - Western Sizlin?

Need time and date: Prefer sat night for out of towners Prefer early in Dec 2nd or 9th

Motion for the 9th Dale, 2nded by Sam, motion passes to have on the Dec. 9th after 5:00pm

Al made motion at West Siz, 2nd by Sam, motion carries Time 700pm

How many? 24 indicate will be there from this meeting, plan for 24 - 30

Will have brief mtg at the Dec 9th gathering. No Dec meeting Dean asked net control Bill to announce at Monday night net.

John - at code class do not park on side or will be towed. Park at back of Dwayne's business. .

Sam makes motion to adjourn, Dan 2nded, 08:00 meeting adjourned.

Present:

Tim kd5ktb

Sam kd5aeus

Dean kl7ma

Bill kc5okg

Scott n5vrl

Dale wd5gug

Bob Killam

David kd5kom

Don kd5lie

Clint kb5oeq
 Dan km5dh
 Mike kc5tfa
 Al kd5ba
 Jon kc5zli
 Mike Young - PD Captain
 Darren k5bq
 Mike n5wuh
 Gene n5spy
 John ka7gla

It is really a shame that we don't take the time to say Hi or shake a hand of a friend, maybe next time; there might not be that next time. I have done that so many times and not even given it a second thought, then that person is gone. I am sure all who gets the CORA knows Stu, K5DSR what a neat person what a great smile. When ever Stu was out so was his side kick Alice WA5UEW. What a team. Stu is gone now but Alice is still going strong, take time to say Hi or shake hands with the people you see everyday.

The Enid Ham fest is history by the time you receive CORA. Time sure goes by fast, it has been like 10 years that we started the get together just for the fun of it. It was started as a funfest to share stuff, visit and tell war stories and cheeeep chow, great coffee. It has stayed afloat by the people that make it work each time. Thank You...

Repeater Stuff: Not much to report everything seems to be working at this time but you know how that works down tomorrow up today maybe. I traded some Motorola stuff for some GE mstr. II stuff so we will have some spare parts.

FCC to Monitor Auction Site for Illegal Items

NEWINGTON, CT, Oct 24, 2000--The FCC says it has reached an agreement with the eBay auction site that's aimed at curtailing the sale of clearly illegal radio equipment. FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth says eBay has agreed to cooperate in removing advertisements in which the item for sale "is clearly non-certified." Hollingsworth said most of the equipment involved falls into the CB category, including illegal amplifiers. "I've got a whole folder of people who have been complaining about this and will be delighted to know that the Commission is taking action," said the ARRL Regulatory Information Branch's John Hennessee, N1KB. Hollingsworth said a review team within the Technical and Public Safety Division of the FCC Enforcement Bureau

is screening eBay ads each week. He said the practice could be extended to other auction site if the FCC learns of similar problems. Hollingsworth credits complaints from the Amateur Radio community with getting the new system in place. "I've been collecting complaints for a year, but the amateur community really generated it," he said. Hollingsworth says he sees about 10 complaints a week about auction site advertisements--sometimes several about the same ad--and has been forwarding all complaints he receives to a "duty team" within Technical and Public Safety. He cautions that complaints should be based on clear-cut FCC rules violations, however, such as attempts to sell illegal linear amplifiers. **Nighttime things to do:** How about just getting on the air and just visiting on 3922khz.

Nice bunch of hams are on there and they have a great time. Some are in Okla., Texas and several in the mobile. Some show up around 7:30 or 8:00pm and just have a great time. Try it, you will like it.

November SS: If you haven't tried this contest you really need to. CW SS is the first weekend in November and the Phone SS will be the third weekend in November. It is one of the most popular contests of them all. Several of the club members have joined me and had a great time and ate a few yum yums.

Cora Stuff: I still need articles for your paper. Please send them to me before club meeting time so I will have time to get them in the stuff that goes to press. Send to Nj5s@peakonline.com
 73's for now Dick NJ5S

More Amateur Radio Newslines...

FM and Repeater: Wideband noise from DTV Transmitters

If you are suddenly having strange interference on your favorite 6 meter repeater and cannot figure out what it is, find out if one or more digital television receivers have come on the air in your town.

According to a report in the CGC Communicator newsletter, other radio services in Cleveland, Ohio are having problems with such a transmitter operating on VHF Channel 2. That transmitter is reportedly producing broad band noise from 54 MHz down to 45 MHz or there about.

Commenting on the report, Fred Vobbe, W8H DU, of WLIO television says to keep in mind that high power digital television transmitters are going to cause some more Intermodulation products especially on sites where station transmitters will be grouped together on the same tower and diplexed into the same antenna.

The bottom line is that digital television being assigned to the lower VHF channels, could trash everything for a couple dozen MHz below it. And a DTV transmitter operating on one UHF channels 14 to 20 could trash 440 to 512 MHz as well. This includes the repeater subband of the 70-centimeter Amateur band.

(CGC Communicator)

FM and Repeater: NFCC election results

Some old faces and one new face will grace the National Frequency Coordinators Council for the next year. Returning to the NFCC leadership are President Owen Wormser, K6LEW, Vice President Nels Harvey, WA9JOB as Vice President and Secretary Dick Isley, W9GIG. Newcomer Dave Bagn, KX4I, rounds out the group that will lead the NFCC through August 31st of 2001. Wormser and Harvey will also serve as Chairman and Vice Chairman respectively of the National Frequency Coordination Board.

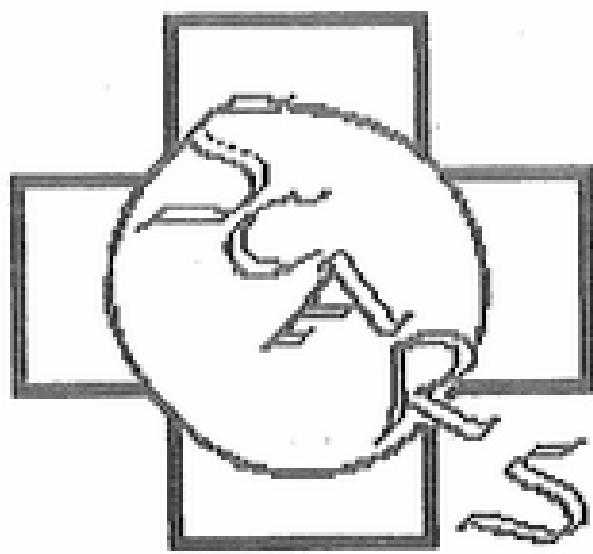
(NFCC)

TAPR: New President says

The new President of Tucson Amateur Packet Radio has a lot to say about the future. In a recent interview with Phil Thomas, W8RMJ, Tappers new leader, John Ackerman, W8UR, says the future looks great:

"TAPR is just crystalizing kind of a new image, or a new vision of what we what to be. And the key words we are using are enabling technologies. What we want to do is come up with the tools that let hams continue to develop and experiment and advance the state of the art. We don't want to have kits that are nothing but a black box that you put together and then that's the end of it. We want our kits and our publications and everything that we do to be things that let hams then go on and experiment further." John Ackerman, W8UR

(W8RMJ)



South Canadian Amateur Radio Society

Norman, OK

The October meeting of SCARS was called to order by VP Ed, N3US in the absence of President Tom, KD5ENL. Tom is a Volleyball Dad and tries to be as supportive as possible of his daughters activities. Lyeal, W5SJC stopped on the way to get doughnuts and made it there with all of them.

We had a small turnout by our standards in that at start-up time there were only 16 members present. That picked up however and we ended with quite a few more. 7 people pre-registered to test with our VE Team. There were 3 no - shows but 1 walk-in for 5 candidates. 3 non-hams passed the Technician, 1 Tech-Plus upgraded to General and 1 Advanced upgraded to Extra. This year they have conducted 14 testing sessions. Processed 268 candidates who collected 143 upgrades and 62 became new hams. Great job Jim, NW0K and the team.

The Xmas party was discussed and we pretty well agreed on Tuesday evening the 12th of December. Pending availability of sites of course. Yours truly, for some reason, agreed to check this out. Possible sites would be Santa Fe Cattle Co., Furr's Cafeteria, Camptown or BBQ somewhere. Purchase of gifts will be discussed at the next meeting. We should be in good shape as Treasurer Jeff KT5OK said we had funds. Anyone wishing to re-up for 2001 can pay their dues anytime now. Wow! its that time already.

Fred N5HZX reported on his project to participate in JOTA for the local Scout Troops. We'll be at Reaves Park east of the campus from 8AM to 5PM Saturday the 21st of October. He sent out 100 flyers to the local scouts and appealed for help. We should be ok on transmitters and antennas but would certainly welcome

operators. We'll provide hamburgers guys!

Ed read the email I received from Jud W5JA concerning the never-ending saga of our pursuit of a new ClubCall. The New, Streamlined, Electronic way of doing things has some pitfalls as it seems. The application was returned. Jud re-submitted it with another check. Seems he had to send a written request to get his original check returned. Whats that all about? To use a popular phrase nowadays. Oh well, this too will pass.

Bill KD5DOB reported on the most recent CORA meeting and we're very happy that Pres Tom is now Pres of CORA as well. He'll need all our support. Mike N5SOF announced if there was any interest in T-Shirts and Jackets this year he would be glad to look into that again. Let him or any of the officers know if you are interested. We'll need an order of 24 or so.

Ed adjourned the meeting at 9:55

73 de Bill, N5UMH

More Amateur Radio Newline...

International UK - Sea Cadets on the air

Meantime, from the United Kingdom comes word that the Sea Cadet Corps will be active as M2000Y/MFQ40C from Shorncliffe Army camp. This, from the 27th to 29th of October. Further information on the project can be found on the Internet at:

www.millecom.fsnet.uk

(RSGB)

DX

Now with this weeks DX report here is Don Wilbanks, KC5MFA

In DX, W2L was a special-event station operated by the Ramapo Mountain Amateur Radio Club, WA2SNA. This, to mark the official opening of

the new Ringwood, New Jersey, public library building where the club holds its monthly meetings. In addition to the two High Frequency stations the club operated on four satellite passes as well. If you worked W2L on any band and want a commemorative certificate, send your QSL card and 9"x12" SASE to W2ZF, at his callbook address.

(Press release)

And while not purely DX, word that the Maryland Apple Dumpling Radio Amateur Society will be operating commemorative station W3I in honor of next years Presidential Inauguration ceremony. Look for W3I from 24:00 UTC on January 19th to 05:00 UTC on January 21st of 2001. Operating frequencies are on the 40 through 2 meter bands.

QSL to:

W3I
P.O. Box 2468
Wheaton, Maryland 20902.

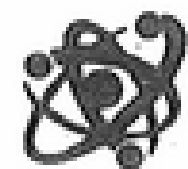
That callsign again is W3I. W3 Inauguration.

(Press Release)

On VHF Doug Cooper N7CNH reports over the VHF reflector that two new 6 meter beacons on 53.530 MHz operating as part of the worldwide Beacon Net Project. The stations to listen for are N7CNH and KC7QAG. Both are in Eugene, Oregon and both have packet beacons giving an ID every 10 minutes. QSN reports go to N7CNH at his callbook address.

(VHF Reflector)

(405) 524-3770
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Oklahoma City Autopatch Association

Minutes of the 17 Oct 00 OCAPA

The President of OCAPA, Mark Hamblin, WL7FT opened the meeting, 14 members were present and 3 guests.

Minutes from the September meeting were approve as published in the C&E.

Treasures report was read and approved.

Forrest Rush, N5VWF, gave CORA report

Clay Mayrose, WA6LBU/5 Oklahoma County EC, gave ARES report.

Old Business- None

New Business

Christmas Party - The party is tentatively scheduled for 19 Dec at 1830L at the Hometown Buffet on I-240 and Western Ave. MAC, K2GKK has reserved us an area. Might I suggest that we have a Gag Gift exchange for those who wish to participate? Wrapped gifts should be worth no more than 15 dollars; tickets will be issued to those who submit gifts for exchange drawing. This ought to be fun! Maybe WL7FT can finally get rid of that 300-baud acoustical modem he's been dragging around since he left Alaska!

Club Emergency Trailer: Status - The President advised the club that upgrades to the club trailer were being investigated (OPEN). If anyone has the facilities or resources to do some metal work, or corrosion control in order to reduce reclamation costs, please contact WL7FT/5.

Web Site- The president also advised that AD5AJ/Vince and K5NIC/Jay were appointed to research feasibility, and draft proposal for a web page. As we speak, the design and proposal is being developed, and a report would be given at the next meeting. (OPEN)

The meeting was adjourned at approximately 2030

Respectfully Submitted

Clay Mayrose, WA6LBU/5
OCAPA Secretary

More Amateur Radio Newsline...

Nets: Baja Net moves

This just in. Word from WB0YCQ that the famed Baja Net now operating on 7.260 MHz will return to 7.238. Bernard says that the move is effective on Sunday, October 29th.

(WB0YCQ)

That Final Item: Kid inventors

They may not be classified as geniuses but twelve children have created inventions that help people to better living through basic technology. Selected from nearly 3,000 second-through-eighth graders nationwide, the twelve have been named national finalists in the year 2000 Craftsman and National Science Teachers Association Young Inventors Awards Program.

Each student has already earned a \$5,000 U.S. savings bond and a trip to Chicago for last September's the national awards celebration. According to the National Science Teachers Association, the Young Inventors Awards Program is designed to teach students the scientific principles of how tools operate, introduce them to working with hand tools, encourage them to think creatively about the world around them. This in turn enables them to develop practical solutions to everyday problems.

More information on the Craftsman NSTA Young Inventors Awards Program is available by writing to the:

National Science Teachers Association
1840 Wilson Blvd.
Arlington, Virginia

or by e-mail to:

younginventorsnsta.org

There also is information at NSTA's Web site at:

www.nsta.org

(Craftsman)

Enforcement: Getting business transmissions off Ham Radio

With complaints involving Amateur Radio licensees on the decline, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth has been turning his attention to other illegal activity. Hollingsworth is questioning a number of business concerns about their alleged unauthorized use of Amateur Radio spectrum. The ARRL's Brennan Price, N4QX, has the details on this alarming trend:

In late September, the FCC sent a Warning Notice to Friendly Tree Services of Orange, New Jersey, after members of the amateur community there monitored what appeared to be business-related communications on 2 meters. Citing "information before the Commission," Hollingsworth dropped Friendly Tree a line on September 29th to inquire about transmissions monitored on 144.085 MHz. The monitoring information provided to the FCC indicated that an apparently unlicensed station was conducting business on 2 meters using a "base station and at least four trucks." The amateurs made the connection with the tree service after overhearing directions to a particular street address given over the air. The amateurs drove to the address and spotted one of the company's trucks and a worker at the site.

Another Warning Notice went out in late September to Inland Materials Inc. of Casselberry, Florida. That Notice cited information alleging that the company was transmitting on 438.537 MHz without a license. According to Hollingsworth, amateur reports indicated that one channel of the company's business radio system transmits on an amateur frequency, but he said it was unclear if this was by design or simply an error.

Hollingsworth has advised the two companies that unlicensed operation is a violation of federal law that could result in a fine of up to \$10,000 and jeopardize any FCC licenses the companies already hold. Hollingsworth requested both firms to contact him within 10 days to discuss the matter.

The FCC also notified AT&T Wireless PCS in late September to inquire about allegations that the PCS system's KNL245 in Newport News, Virginia,

Ada Amateur Radio Club

October 7, 2000

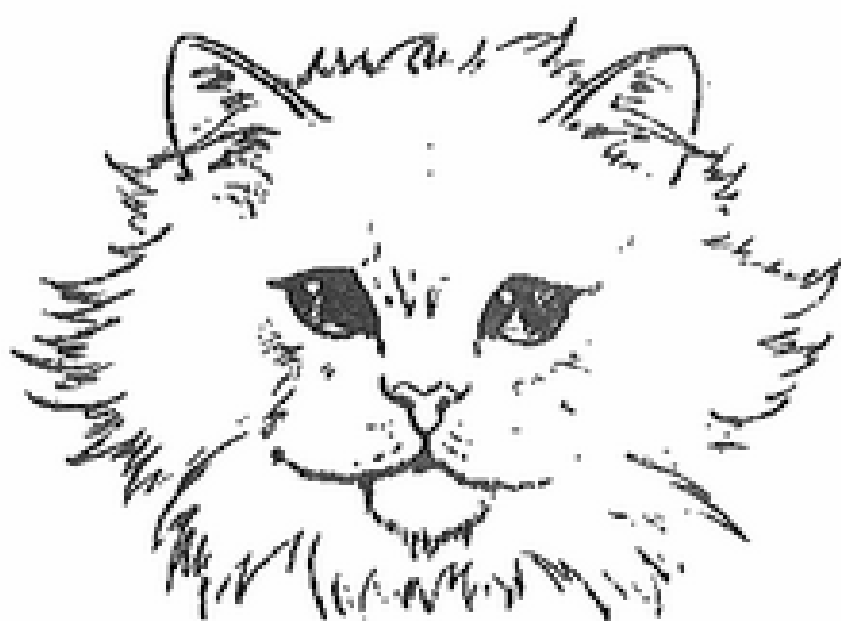
The annual picnic was held on Saturday, October 7, at Wintersmith Park. It was a very cold and almost bitter day for early October, with a brisk wind blowing. In spite of the weather, hams started arriving early to set up equipment and get food ready. John, KC5EZC had a laptop set up with PSK31 to demonstrate to interested persons. Several people were interested in how to set it up and use it.

Hamburgers and hot dogs were ready around 11:00. By that time several more people had arrived, and by the time everything was shut down, there had been about 45 people counted. Thanks go to Nancy, KD5AYN and Dwight, N0RIW for taking care of buying the food for the picnic. Everyone appreciated the good food.

After most had finished eating, President Steve, N5HY (formerly KD5DKZ), called the meeting to order. There was no change in the balance of the Treasurer's report from the previous month. Members were urged to be present at the next meeting, at which a vote will be taken on the repeater to be submitted in the proposal. John Herzig now has a call sign KD5LRW. Charles, KC5TGA, has passed the 5wpm Code test, so he is now a General licensee. Another new ham has passed the Technician test, Josh McBride (I don't know the callsign at the time.) Congratulations to John, Charles, and Josh.

Meeting adjourned.

Submitted by Marie Wilson, KD5EXM
ARC Treasurer



ARES Notes

Clay Mayrose, WA6LBU/5
Oklahoma County EC
wa6lbu@arrl.net

I am sitting here in the dark, in the aftermath of the latest round of severe weather to hit the metro Oklahoma City area. My daughter is coloring by candlelight, my sons are madly into their GAMEBOY's, and my neighbor's car alarm goes off with every clap of nearby thunder. I thought this would be a great time to write an ARES related article.

As most of you know, I recently took over as the ARRL Emergency Coordinator for Oklahoma County. My first priority is to make the ARES system in the county a viable asset to the organizations that perform disaster services. I can't do that alone. We, the Amateur Radio Operators in the metro Oklahoma City area must come together as a team and plan for the next disaster.

When I first arrived in the Oklahoma City area a year ago, many organizations had rock solid programs for disaster communication. Others had programs that were in their infancy. One such program is the Oklahoma County Emergency Management Agencies Amateur Radio Weather Spotters. This team, which had a successful first year, has had its share of growing pains. The last setback has been the loss of the team leader, Chris Bradshaw, KD5BFF, who was transferred by the Air Force. I need an individual to step up and take Chris' place as the amateur coordinator representative to the Oklahoma county emergency coordinator. There are a few qualifications for the position but most of all the team needs a strong leader. We are quickly approaching the spring storm season and now is the time to jump in with both feet and get the team re-established. E-mail me if you are interested in the position.

Another area for improvement is the ARES Training net on Thursday nights.

(8:00PM, 146.82) There are approximately 1500 hams in the area. That number increases each time we have a VE test session. Yet, I see a handful of check-in each week. I will agree the majority of the hams in this area can check into a net, pass traffic and can handle the other various duties associated with net operations. However, the hams checking in to the nets learn from each other. Additionally, we all get to know one another's capabilities and limitations. Along the way we will pick-up new hams and train them in the basics. The sooner the team forms, the sooner they can handle any situation that is thrown at them.

The bottom line is, the Oklahoma City metro area will see another major disaster. We have to prepare now to handle what will be thrown at us. It is our duty to provide communications during these times. Being organized will add credibility to our service. Amateur radio is not a spectator sport! We must be prepared!

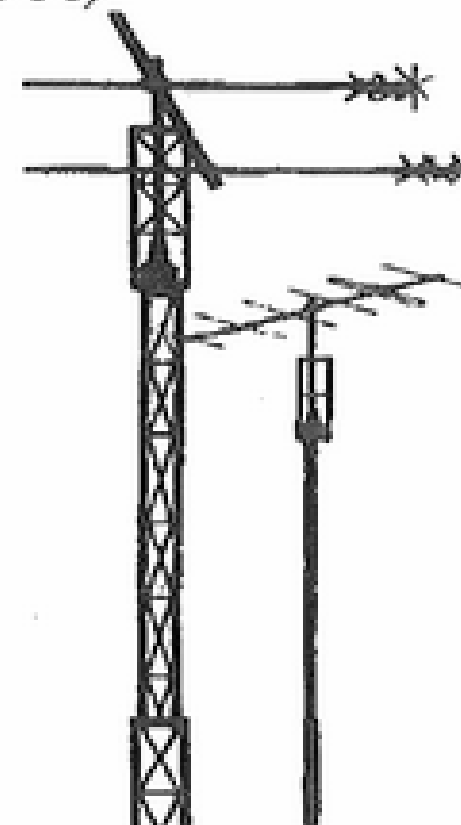
More Amateur Radio Newsline...

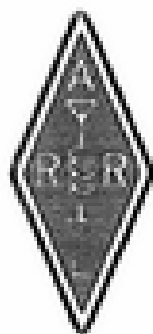
Enforcement...(Con't)

may be causing harmful interference to the KA4VXR Amateur Radio repeater in nearby Hampton. The FCC requested that AT&T contact the repeater system's trustee, within 20 days to "explore a solution to the problem." to advise the FCC of its findings.

As we recently reported, the FCC continues to investigate allegations that the Citipage Plus paging system in Las Vegas, Nevada, has been causing harmful interference to a repeater on 147.09 MHz. Also that City Page is refusing to cooperate with the ham community in solving the problem.

(ARRL, FCC)





A. R. R. L. Bulletins

From ARRL Headquarters
Newington, CT

ARRL Bulletin 42
October 26, 2000

Goldwater K7UGA Call Sign Re-issued

The famous K7UGA call sign formerly held by the late US Sen Barry Goldwater has been re-issued to the Central Arizona DX Association. The FCC granted CADXA's request for K7UGA on October 24.

The call sign came up for grabs this fall after the mandatory two-year waiting period following the cancellation of Goldwater's amateur license ended. Goldwater died May 29, 1998. CADXA President Gary Capek, K8BN, says the club, which traded its N7KJ club station call sign for K7UGA, plans to keep the call sign active.

Goldwater's family has donated his amateur equipment, memorabilia and furnishings to the Arizona Historical Society's museum in Tempe. Capek says he's met with representatives of the museum--which plans to reconstruct Goldwater's ham shack as an exhibit--and says CADXA will cooperate in making the call sign available for special events at the museum.

The Goldwater ham shack exhibit still is in the planning stages, and the museum has been soliciting donations from the amateur community to construct the exhibit.

"I have agreed to work with them when they begin to install the old Goldwater shack items in the next year," Capek said.

The K7UGA station equipment and console were removed last May from the Goldwater home in Paradise Valley, Arizona, which has been sold. Goldwater's station and massive antenna system were used to complete thousands of phone patch messages for troops during the Vietnam War.

ARRL Bulletin 41
October 19, 2000

Kentucky Hams Help in Coal Sludge Spill Disaster

Amateur Radio operators in eastern Kentucky are helping their neighbors to cope with a lack of drinking water in the wake of a coal sludge spill that has cut off water supplies. More than 200 million gallons of coal waste flooded waterways without warning October 11 after a coal plant retention pond near Inez gave way.

The resulting pollution--described as being the consistency of wet cement or molasses--has forced communities in the path of the spill to close water intakes and rely on existing water supplies.

The Amateur Radio Emergency Service has not yet been activated, but ARES remains on stand-by to provide emergency communication, if needed. Section Emergency Coordinator Ron Dodson, KA4MAP, says the Kentucky Division of Emergency Management has requested Amateur Radio assistance in Martin County, where the spill originated.

In Lawrence County, Emergency Coordinator Fred Jones, WA4SWF, says hams are helping to supplement communication among the different agencies involved whose radios operate on a variety of different frequencies. But Jones says the primary need has been making sure affected residents have water to drink, cook, and bathe with.

Jones says officials are concerned there might not be enough water to fight a fire. Another worry is that heavy rainfall could cause widespread flooding.

Kentucky Gov Paul Patton declared a state of emergency Monday in a large portion of northeastern Kentucky. Affected are the counties of Boyd, Bracken, Carter, Fleming, Greenup, Lawrence, Lewis, Martin, Mason, and Robertson.

ARRL Bulletin 40
October 2, 2000

Hurricane Watch Net Activated for Hurricane Keith

The Hurricane Watch Net and W4EHW at the National Hurricane Center activated on 14.325 MHz over the weekend to monitor Hurricane Keith. Right now, the storm

remains stalled along the coast of Belize in Central America with 80 MPH winds and is weakening slowly. Reminiscent of Hurricane Mitch last year, the storm is dumping a lot of rain on the region.

The National Weather Service is advising those in the northwestern Caribbean and southern Gulf of Mexico to monitor the storm's progress. Hurricane Keith could be downgraded to a tropical storm by later today if it remains in place, but Hurricane Watch Net Manager Jerry Herman, N3BDW, says the National Hurricane Center has been relying on Amateur Radio field reports indicating the storm still retains hurricane-force winds.

The Hurricane Watch Net activated September 30 at 1700 UTC to collect reports via Amateur Radio for the National Hurricane Center. Operators at the center gather the reports via W4EHW at the Center.

"Reports from Belize indicate extensive damage from wind and flooding," Herman said October 2. "Since the storm is sitting almost stationary, I expect the full extent of the damage is not yet known but that it will be catastrophic." He said the Net already has gotten reports of homes and businesses destroyed.

Assistant Amateur Radio Coordinator Julio Ripoll, WD4JR, at the National Hurricane Center, reports the Center continues to hear from amateurs in Belize and Mexico.

Herman said the Net is attempting, whenever possible, to take advantage of bilingual amateurs.

The Salvation Army Tactical Emergency Radio Network--SATERN--has activated on 14.265 MHz to handle health-and-welfare requests and to assist with relief operations in the aftermath of Hurricane Keith.

A Health and Welfare Network also will use the Web site <http://www.go.to/satern>. This will provide a common area for Health and Welfare information that all can use through the internet.

A VHF and a 40-meter net have been active in Mexico.

ANNOUNCEMENTS

VE exams on 3rd Monday of each month sponsored by C.O.R.A. @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City at 6 PM local time. Doors will be locked at 6:30.

VE exams on 3rd Saturday of each month are held at 9:00 a.m. at Southern Temple Baptist Church, 1821 S High, OKC. Talk in on 146.76 MHz. For more information you can contact Clarence Warstler, KB51BY @ 632-3545.

VE Exams are held on the first Saturday of each month, at the Church of Christ, 811 N. 4th St., Broken Arrow. Starts at 9:30 AM and lasts until everyone is finished. New hams and upgrades are welcome.

VE exams on 2nd Saturday of each month are held at 10:00 A.M. after the SCARS meeting at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NWOK at 329-1681 or e-mail jimhelps@juno.com for more information.

VE exams on 4th Tuesday of even months are held at 6:30 p.m. at the Knights of Columbus Hall in Altus, OK. Contact George Mateyo, NIGM for details.

VE exams on the 1st Tuesday of the month sponsored by the Stillwater ARC at 7:30 P.M. at the Red Cross Building, 505 S. Main. Contact Mike Crane, KC5GJN @ kc5gjn@hamsnet.net

VE exams in Enid are done on odd months starting with the month of January. On the 2nd Saturday at 10:00 AM at the Oklahoma Natural Gas Co located at the corner of HY412 & Garland Rd., across east from Atwoods store. The testing is PREREGISTER ONLY. Contact Dick NJSS 580-233-9869

On the Air

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

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

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

SW Oklahoma - Thursday @ 7:00 p.m. on 146.31/91.

North Central Oklahoma meets on the first and third Monday of the month at 7:30pm on the 147.150 rep

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

HF 3941kHz - AMTOR @ 8:30 a.m. 14.064MHz

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

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

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

Enid Amateur Radio Club Monday Night Net Monday @ 8:00 p.m. on 147.150MHZ.

W5HXL Memorial Net - Thursday @ 7:00 p.m. on 145.41 minus input.

QCWA Chp 63 HF - Sunday @ 8:00 on 3855.0 kHz USB

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

Purcell - Monday @ 8:00 on 145.19 minus input.

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

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

Oklahoma Training Net - Daily @ 5:30 P. M. on 7120 kHz (CW Net)

T-SARG NW OK - Friday @ 9:30 p.m. on 147.36+ with an 88.5

Ham Radio in Space: P3d may launch November 14th

I'm Bill Pasternak WA6ITF. Barring any further delays, AMSAT's Phase 3d satellite should launch on Tuesday, November 14th in United States time zones. This, according to AMSAT Germany which says that Phase 3d will be carried into orbit on board a European Space Agency Ariane 5 Booster.

The launch will take place at the ESA facility in Kourou, French Guiana. As previously reported, an earlier October 31th launch commitment had to be postponed because one of the non Amateur payloads was late in arriving at the Korou facility.

By the way. The reason we are stipulating that the launch will be on November 14th U.S. time is due to conflicting information out there in cyberspace. The American Radio Relay League news page agrees that it will take place on the 14th but postings on several ham radio remailers are indicating the 15th. But it becomes obvious quite quickly that the date depends on which side of the International Dateline that you live.

As to a specific launch time? Outgoing AMSAT-North America president Keith Baker, KB1SF, indicates by e-mail -- that's not yet known.

More on Phase 3d in future Newsline reports.

(AMSAT-BB, KB1SF, others)

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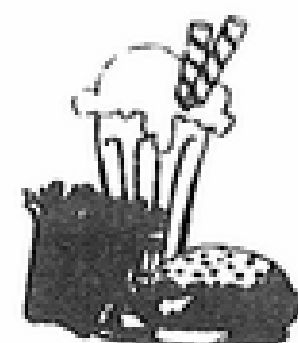
James H. Nolen, EA, ATA, ATP

DEL CITY
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Del City, OK 73117
(405) 677-8028
FAX (405) 677-7023

SOUTHWEST
2717 SW 44th
Okla. City, OK 73119
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Fax (405) 682-0461

MUSTANG
400 W. Highway 152
Mustang, OK 73084
(405) 376-2648
Fax (405) 376-2648

NSWNL
GLYNIS MASSEY



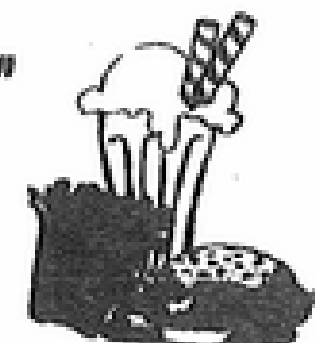
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KCSVZM
JAN MASSEY



November 05 - December 16, 2000

Weekly Planner

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
November 5	November 6	November 7	November 8	November 9	November 10	November 11
		11:00 AM Oklahoma VHF ARC	7:00 PM Althus Area ARA 7:00 PM Tri State ARG			9:30 AM South Canadian ARS 10:00 AM Enid ARC VE Exams 10:00 AM SCARS VE Exams
November 12	November 13	November 14	November 15	November 16	November 17	November 18
2:30 PM Wheatstraw ARC						9:00 AM VE Exam SBC
November 19	November 20	November 21	November 22	November 23	November 24	November 25
2:00 PM Edmond ARS	6:00 PM CORA VE Exams 7:00 PM Choctaw ARC	7:30 PM Oklahoma City Autopatch		7:00 PM Enid ARC	5:00 PM C&E Deadline	
November 26	November 27	November 28	November 29	November 30	December 1	December 2
		6:30 PM Althus VE Exams 7:30 PM Central Oklahoma Radio Amateurs				9:00 AM Ada ARC
December 3	December 4	December 5	December 6	December 7	December 8	December 9
				7:00 PM Aeronautical Center ARC		9:30 AM South Canadian ARS 10:00 AM Enid ARC VE Exams 10:00 AM SCARS VE Exams
December 10	December 11	December 12	December 13	December 14	December 15	December 16
2:30 PM Wheatstraw ARC			11:00 AM Oklahoma VHF ARC	7:00 PM Althus Area ARA 7:00 PM Tri State ARG		9:00 AM VE Exam SBC

October						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

November						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

December						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

January						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			