



CORA  
Collector&Emitter

DECEMBER 1992

Volume 18, Number 11

Issue 214

50¢

Second Class Mail



Happy  
Holidays!

# **CORA Collector & Emitter**

Baron J. Bieber W2JF  
Interim Editor

## **Central Oklahoma Radio Amateurs, Inc.**

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Editor Emeritus

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 official. We can't do a thing about it if you don't. Below is a sample label:

4 92/01 2  
WILSON, MIKE WA5RTY  
1234 W 49  
MCCLOUD OK 74851

The "4" means Autopatch Club, "92/01" means he is overdue. The "2" is for postal rates.

Dear Secretary/Treasurer:

When you want a change of any sort to your membership, you must fill out completely a subscription slip. Watch for the date you received their money and the date subscription expires. Have your slips, or list of deletions submitted by the 22nd of each month. If there is anything about C&E subscriptions you need to know, please contact us.



**CORA  
Collector & Emitter**

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<p>1. AERONAUTICAL CENTER ARC Meets: First Thursday, Flight Standards Building, FAA, South MacArthur 7:30 pm. PR Doug Teachman, W0DXA 392-5458 S/T Ted Anderson, NY5W 685-4016 AsVP Harold Todd, WA5VAQ 685-3685 Asvp Charlie Greene, WA5JGU 943-5631 Editor: Jack Iman, WB5SVN</p>	<p>11. EDMOND AR SOCIETY Meets: Odd Months, 3rd Sunday, 2:00 pm, Edmond EOC; Dinner, Even Months, 3rd Friday PR Ken Stepp, N5DBM 341-4874 VP Bob Long, N5KUE 373-2540 SE Lynice Hamlin, KB5FOH 427-2828 TR Ed Granger, KB5DZU 348-3454 Editor: Bob Long, N5KUE 373-2540</p>
<p>2. CENTRAL OKLAHOMA VHF Meets: 11:00 am, 3rd Sat., Favorite's Cafe, 3701 S. Western, OKC PR Jack Muse, WB5ZKZ 691-1152 VP Fred Boardman, W5NL 427-2505 SE Joe Buswell, K5JB 732-0676 TR Ellard Foster, W5KE 789-6702 Editor: Joe Buswell, K5JB 732-0676</p>	<p>12. OKLA. PACKET RADIO ASSN. Meets: At Major Hamfests, Green Country, Ham Holiday, and Texhoma. PR Hank Blackstock, WA5JRH 722-0640 VP S/T Editor: Hank Blackstock, WA5JRH 722-0640</p>
<p>3. MID-OKLAHOMA REPEATER, INC. Meets: 1st Tuesday, 7:00 pm, Favorite's Cafe, 36th &amp; S. Western, OKC PR Scott Walsh, N5NYS 787-3804 VP Larry Benedict, N5VYC 728-7824 SE Tim Hanna, N5VSM 842-3812 TR Robert Moore, N5QKI 720-0073 Editor: Dean Ward, N0PAD 681-4606</p>	<p>14. CIMMARON ARS Meets: 7:30 pm, second Thurs., WX5Y Playhouse 827 S. 13, Fairview PR Terry McColl, N5MLT (405) 227-3672 VP John Medley, N5WVU (405) 227-3534 SE Dennis Painton, WK5V (405) 764-3599 TR Nadine Painton, N5FMH (405) 764-3599 Editor: John Medley, N5WVU (405) 227-3534</p>
<p>4. OK CITY AUTOPATCH Meets: 7:30 pm, third Tuesday, Salvation Army, N.W. 50th &amp; Penn. PR John Guida, NJ1V 340-8555 VP Chuck Wilhite, K5NK 721-4926 SE John Brassfield, N5SAM 685-8070 TR Mike Begley, N5MIT 732-2827 Editor: Chuck Wilhite, K5NK 721-4926</p>	<p>15. SOUTH CANADIAN ARS Meets: 9:30 am, Second Saturday, Red Cross Bldg., North OU Campus, Norman PR Don Schader, K5TP 321-9649 VP Mike Winkel, N5SOF 368-8639 TR David Gates, N5LCL 392-5677 SE Gary Skaggs, WB5ULK 799-5363 Editor: Ken Brown, N5KUK &amp; Gary Skaggs, WB5ULK</p>
<p>6. ALTUS ASSOCIATION Meets: 7:30 pm, Second Thursday, North Main Fire Station, (CD) Altus PR Dwight Dennis, WB5KPH 482-2498 VP None S/T Jim Romines, K15YY Editor: Jim Romines, K15YY</p>	<p>16. EDMOND AR CLUB Meets: 7:00 pm, Second Monday, Various locations. PR Mark Northcutt, WD5DYI 755-4672 VP Wendell Cochran, WB5ISO 943-4308 S/T Kay Northcutt, WD5DYJ 755-4672 Trustee: Dennis Orcut, WB5ISN 340-0034</p>
<p>7. BICENTENNIAL (76er) ARC Meets: 7:30 pm 2nd Tues., 1801 N. Lincoln Blvd., Parking in Rear PR Hank Stokes, KB5XM 376-1067 VP Chad Drewery, N5QIQ TR SE Jack Conley, AA5VU Editor: Not Filled</p>	<p>18. GREAT PLAINS ARC Meets: 2:15 pm, First Sunday, Home of N5LRR, 2914 Osage Drive, Woodward PR Bob Bayles, WB0GAX, Woodward 254-3561 VP Andy Taylor, N5LRR, Woodward 256-4017 SE Rod Ford, WB5OVT, Gage 923-7683 TR Freida Patterson, N5EOX, Woodward 256-2111 Editor: Phillip Perry, N5QCN 938-2453</p>
<p>9. WHEATSTRAW ARC Meets: 2:30 pm 2nd Sunday, Location Varies, see Club Section for Details PR Leo Peil, WZ5H, Canton 886-2998 VP Ray Barnes, AB5Z, Longdale 274-3334 S/T Joe Garland, WA5FLT, Calumet 893-2660 Editor: Ralph Wilder, WA5PFF, Watonga 623-5421</p>	<p>CENTRAL OKLA RADIO AMATEURS Meets: 7:30 pm, Fourth Tuesday, Salvation Army, Penn &amp; NW Highway, OKC, (Back Door) PR Frank Tassone, AA5GI 341-1124 VP Kathy DeGraffenreid, AA5RU SE Jim Buswell, N5BEQ TR Tom Mangham, K5LDI 677-5291 Editor:</p>
<p>10. Oklahoma DX Association Meets: Quarterly - Hamfests, DX Net Saturdays - 1600UTC-7.195MHZ, Box 88, Wellston, 74881 PR George W. Adkins, AD1S VP Darrell Reed, KF5DA SE Paul Harrop, WB5NDN TR Paul Wardell, N5PYD Editor: George W. Adkins, AD1S 356-4101</p>	

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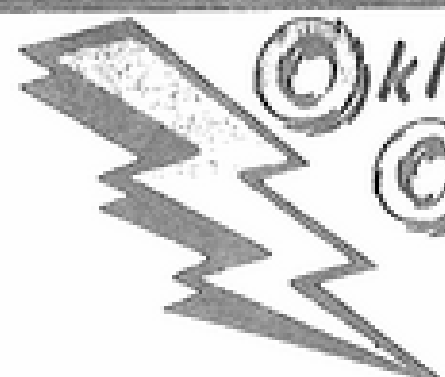
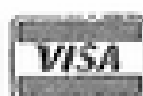
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# Roarrrrr!!

Which is exactly what you'll do when you visit CORA's 20th Annual Ham Holiday in 1993. Because you can plan on it being a tiger-rific good time! We are roaring to celebrate our twentieth Ham Holiday. And we don't want you left out of the pack! We'd like to hear what you'd like to roar about. Give us your ideas! Tell us what you would like to see and do next year. We've got twenty years to celebrate, and we want to make it our best year!

Cut Along Dotted Line and Mail

- ☐ Arts & Crafts Corner
- ☐ Clowns
- ☐ Inexpensive antenna building
- ☐ Static Displays
- ☐ Child Care
- ☐ Demonstrations
- ☐ Zoomobile

VE Testing:

- ☐ Saturday Only
- ☐ Saturday and Sunday

Please List Other Ideas:

Where and what would you like to eat at the Banquet?

Would you serve on a committee? And what type of things would you be interested in helping with?

Name \_\_\_\_\_

Call \_\_\_\_\_

Telephone \_\_\_\_\_

Please mail to:

**CORA's 20th Annual Ham Holiday Survey**  
Kathy DeGraffenreid, AA5RU  
1509 SW 48th Street  
Oklahoma City, Oklahoma 73119

**CORA**

**CENTRAL OKLAHOMA RADIO AMATEURS, INC.**

## ORSI REPEATER LISTING

OUTPUT	LOCATION	RPCAL	AREA	OUTPUT	LOCATION	RPCAL	AREA
-----	-----	-----	-----	-----	-----	-----	-----
29.640	Tulsa	WBSVXK	TULSA	146.805	Tulsa	WASLVT	TULSA
52.525	Oklahoma City	K5JL	OKLAHOMA CITY	146.805	Lawton	N5PYD	SOUTHWEST
53.010	Oklahoma City	WASCZH	OKLAHOMA CITY	146.820	Oklahoma City	K5JL	OKLAHOMA CITY
53.050	Mustang	K85XH	OKLAHOMA CITY	146.835	Tulsa	N5OHM	TULSA
53.650	Claremore	N5PCZ	TULSA	146.850	Muskogee	W5EJK	EAST CENTRAL
53.750	Oklahoma City	K5JL	OKLAHOMA CITY	146.850	Oklahoma City	N5PAA	OKLAHOMA CITY
145.110	Cleveland	WBSHPU	TULSA	146.865	Tushka	K15JP	SOUTHEAST
145.110	Davis	KD5XW	SOUTH CENTRAL	146.880	Norman	N5MS	OKLAHOMA CITY
145.130	Chouteau	K5TYG	SOUTH CENTRAL	146.880	Tulsa	WASLVT	TULSA
145.130	Chickasha	WAOAQO	OKLAHOMA CITY	146.895	Ada	KASCT	SOUTH CENTRAL
145.150	Edmond	WASCZH	OKLAHOMA CITY	146.895	Miami	WBSOKX	NORTHEAST
145.170	Tulsa	N5HNF	TULSA	146.910	Lawton	N5KS	SOUTHWEST
145.210	Oklahoma City	N5VIS	OKLAHOMA CITY	146.910	Broken Arrow	N5DRZ	TULSA
145.230	Blackwell	N5AHV	NORTH CENTRAL	146.925	Oklahoma City	N5VYC	OKLAHOMA CITY
145.250	Oklahoma City	KASZYH	OKLAHOMA CITY	146.940	Enid	N5HTK	NORTH CENTRAL
145.250	Pawhuska	KYSJ	NORTH CENTRAL	146.940	Tulsa	WASLVT	TULSA
145.270	Tulsa	N5FWX	TULSA	146.970	Ardmore	N5AO	SOUTH CENTRAL
145.290	Enid	N5HTK	NORTH CENTRAL	146.970	Ponca City	N5HZZ	NORTH CENTRAL
145.310	Blackwell	WBSHRE	NORTH CENTRAL	146.985	Pawhuska	KY5J	NORTHEAST
145.310	Lawton	N5VBP	SOUTHWEST	146.985	Oklahoma City	N5NZS	OKLAHOMA CITY
145.330	Oklahoma City	WMSJ	OKLAHOMA CITY	147.000	Tulsa	NESZ	TULSA
145.350	Stillwater	WBSKQL	NORTH CENTRAL	147.000	Anadarko	WASERM	SOUTHWEST
145.370	McAlester	N5CUQ	SOUTHEAST	147.030	Oklahoma City	WDSAIL	OKLAHOMA CITY
145.370	Oklahoma City	N5KUE	OKLAHOMA CITY	147.045	Cyril	KBSLLI	SOUTHWEST
145.390	Shawnee	N5SKA	OKLAHOMA CITY	147.045	Tulsa	N5RFW	TULSA
145.410	Oklahoma City	K5VFH	OKLAHOMA CITY	147.060	Norman	N5BEW	OKLAHOMA CITY
145.410	Poteau	KA9HJP	EAST CENTRAL	147.060	Pryor	KBSZB	NORTHEAST
145.430	Sapulpa	KF5YP	TULSA	147.075	Fairview	WKS	NORTHWEST
145.430	Atoka	WBSVUE	SOUTHEAST	147.075	Tulsa	N5OHM	TULSA
145.450	Fairview	WKS	NORTHWEST	147.090	Claremore	N5OK	NORTHEAST
145.470	Tulsa	AB5H	TULSA	147.090	Choctaw	AB5H	OKLAHOMA CITY
145.490	Oklahoma City	WASEYU	OKLAHOMA CITY	147.105	Stroud	N5HOL	OKLAHOMA CITY
145.490	Antlers	K15KC	SOUTHEAST	147.120	Fort Supply	WASPLW	NORTHWEST
146.610	Hugo	KBSJTR	SOUTHEAST	147.135	Edmond	KASWIS	OKLAHOMA CITY
146.625	Holdenville	WBSOFC	SOUTHEAST	147.150	Guyton	KY5C	PANHANDLE
146.640	Cavanal Mtn	N5ZS	EAST CENTRAL	147.150	Sulphur	KASDAV	SOUTH CENTRAL
146.640	Kingfisher	WDSGLD	OKLAHOMA CITY	147.150	Enid	N5HTK	NORTH CENTRAL
146.655	Bartlesville	N5NS	NORTHEAST	147.150	Grove	K5PJR	NORTHEAST
146.655	Coalgate	KASCT	SOUTHEAST	147.165	Shawnee	WMSZ	OKLAHOMA CITY
146.670	Oklahoma City	N5VYC	OKLAHOMA CITY	147.180	Yukon	AA5GB	OKLAHOMA CITY
146.700	Oklahoma City	N5VIS	OKLAHOMA CITY	147.195	Seminole	K5VHU	OKLAHOMA CITY
146.700	Tulsa	K5LAD	TULSA	147.210	Oklahoma City	K5JL	OKLAHOMA CITY
146.730	Duncan	WDSIYF	SOUTH CENTRAL	147.225	Okmulgee	N5GA	EAST CENTRAL
146.730	Woodward	WASPLW	NORTHWEST	147.240	El Reno	KGSAA	OKLAHOMA CITY
146.730	Stillwater	N5YJ	NORTH CENTRAL	147.240	Tahlequah	WAS6EAW	EAST CENTRAL
146.730	Miami	KASCOM	NORTHEAST	147.255	Stillwater	K5FVL	NORTH CENTRAL
146.730	Clayton	WAS7WIY	SOUTHEAST	147.255	Durant	K5CGE	SOUTH CENTRAL
146.745	Muskogee	W5EJK	EAST CENTRAL	147.270	Anadarko	WGS	SOUTHWEST
146.760	Bartlesville	N5NS	NORTHEAST	147.270	McAlester	N5JMG	SOUTHEAST
146.760	Elk City	WBSFBU	WEST CENTRAL	147.270	Pawhuska	N5ZOW	NORTH CENTRAL
146.760	Oklahoma City	KBSXH	OKLAHOMA CITY	147.285	Ada	WBSNBA	SOUTH CENTRAL
146.775	Mounds	WBSNJU	TULSA	147.300	Purcell	NF7T	SOUTH CENTRAL
146.790	Altus	WBSKRH	SOUTHWEST	147.320	Newcastle	WBS5EDN	OKLAHOMA CITY
146.790	Ardmore	N5BLW	SOUTH CENTRAL	147.330	Cache	N5PTV	SOUTHWEST
				147.330	Muskogee	WASVMS	EAST CENTRAL

This list does not contain repeaters that have requested to be unpublished.

## ORSI REPEATER LISTING

OUTPUT	LOCATION	RPCAL	AREA	OUTPUT	LOCATION	RPCAL	AREA
147.340	Oklahoma City	WD5AII	OKLAHOMA CITY	443.500	Oklahoma City	K5EBT	OKLAHOMA CITY
147.345	Tulsa	NE5Z	TULSA	443.550	Oklahoma City	WD5CIG	OKLAHOMA CITY
147.360	Big Cabin	WA5ICW	NORTHEAST	443.600	Tulsa	AB5M	TULSA
147.360	Sharon	NC5C	NORTHWEST	443.800	Ada	WB5NBA	SOUTH CENTRAL
147.360	Lawton	KD5RQ	SOUTHWEST	443.800	Tahlequah	WA6EAW	EAST CENTRAL
147.360	Oklahoma City	WB5EDN	OKLAHOMA CITY	443.850	Lawton	KD5RQ	SOUTHWEST
147.375	Texhoma	W0PFJ	PANHANDLE	443.875	Stillwater	WDOCTA	NORTH CENTRAL
147.375	Enid	N5HEL	NORTH CENTRAL	443.900	Oklahoma City	AD1S	OKLAHOMA CITY
147.390	Tulsa	WB5NJU	TULSA	443.975	Tulsa	WA5LVT	TULSA
147.390	Lawton	AB5J	SOUTHWEST	444.000	Del City	WR5G	OKLAHOMA CITY
147.390	Forgan	N5AKH	PANHANDLE	444.100	Altus	WB5KRH	SOUTHWEST
147.390	Durant	K5CGE	SOUTH CENTRAL	444.100	Oklahoma City	N5VYC	OKLAHOMA CITY
223.940	Fort Gibson	WB5AOH	EAST CENTRAL	444.100	Tulsa	WA5LVT	TULSA
224.060	Spencer	K15CW	OKLAHOMA CITY	444.150	Grove	K5PJR	NORTHEAST
224.160	Chandler	WA5CZM	CENTRAL	444.150	Norman	WB5FWE	OKLAHOMA CITY
224.200	Oklahoma City	AH9B	OKLAHOMA CITY	444.200	Oklahoma City	WD5AII	OKLAHOMA CITY
224.340	Muskogee	W5EJK	EAST CENTRAL	444.200	Tulsa	WA5BPS	TULSA
224.380	Oklahoma City	W5PAA	OKLAHOMA CITY	444.250	Chouteau	WA5HNR	NORTHEAST
224.440	Oklahoma City	K9KK	OKLAHOMA CITY	444.250	El Reno	K65AA	OKLAHOMA CITY
224.560	Talihina	K5QA	SOUTHEAST	444.300	Oklahoma City	K5JL	OKLAHOMA CITY
224.600	Stillwater	W5YJ	NORTH CENTRAL	444.300	Tulsa	K5LAD	TULSA
224.600	Durant	N5KFS	SOUTH CENTRAL	444.350	Norman	N5KUK	OKLAHOMA CITY
224.700	Norman	N5JBK	OKLAHOMA CITY	444.350	Claremore	WA5VPO	TULSA
224.760	Poteau Mtn	N0EOQ	EAST CENTRAL	444.400	Enid	WA5OUB	NORTH CENTRAL
224.840	Edmond	N5PTE	OKLAHOMA CITY	444.400	Fort Gibson	WB5AOH	EAST CENTRAL
224.860	Poteau	WC5I	EAST CENTRAL	444.425	Spender	K15CW	OKLAHOMA CITY
224.860	Tulsa	AB5EL	TULSA	444.450	Tulsa	WA5ICW	TULSA
224.880	Oklahoma City	WN5J	OKLAHOMA CITY	444.500	Bethany	N5HIP	OKLAHOMA CITY
224.940	Enid	W5HTK	NORTH CENTRAL	444.500	Cavanal Mtn	N5ZS	EAST CENTRAL
224.960	Edmond	WA5CZM	OKLAHOMA CITY	444.500	Fort Towson	KB5MGO	SOUTHEAST
421.250	Tulsa	WA5LVT	TULSA	444.525	Coweta	NH5X	TULSA
427.250	Stillwater	WDOCTA	NORTH CENTRAL	444.550	Maysville	NF7T	SOUTH CENTRAL
439.250	Guthrie	K45EOS	OKLAHOMA CITY	444.600	Tulsa	N5ANY	TULSA
442.025	Pawhuska	KY5J	NORTH CENTRAL	444.675	Newcastle	KB5LSB	OKLAHOMA CITY
442.050	Mustang	WB9VHY	OKLAHOMA CITY	444.700	Ponca City	W5TXF	NORTH CENTRAL
442.075	Claremore	N5PCZ	TULSA	444.725	Tulsa	WV5T	TULSA
442.100	Norman	N5TKS	OKLAHOMA CITY	444.750	Norman	N5KUK	OKLAHOMA CITY
442.150	Oklahoma City	K45ETA	OKLAHOMA CITY	444.775	Bartlesville	WD5DWT	NORTHEAST
442.250	Oklahoma City	K65AA	OKLAHOMA CITY	444.775	Piedmont	N5KUE	OKLAHOMA CITY
442.275	Tulsa	N5KBD	TULSA	444.775	Dougherty	KB5CEN	SOUTH CENTRAL
442.350	Blackwell	N5ANV	NORTH CENTRAL	444.825	Duncan	WD5IYF	SOUTH CENTRAL
442.500	Oklahoma City	K15VH	OKLAHOMA CITY	444.825	Enid	N5HEL	NORTH CENTRAL
442.550	Oklahoma City	K5YGM	OKLAHOMA CITY	444.850	Oklahoma City	WA5CZM	OKLAHOMA CITY
442.625	Sand Springs	WB5ISN	TULSA	444.875	Woodward	WN5LUI	NORTHWEST
442.700	Oklahoma City	W5PAA	OKLAHOMA CITY	444.900	Stillwater	K5FVL	NORTH CENTRAL
442.850	Edmond	KB5SCG	OKLAHOMA CITY	444.925	Oklahoma City	KB5XM	OKLAHOMA CITY
442.900	Edmond	N5PTE	OKLAHOMA CITY	444.950	Ft Supply	WA5PLW	NORTHWEST
442.950	Moore	N5OMK	OKLAHOMA CITY	444.950	Tulsa	WA5LVT	TULSA
443.000	Chester	WD5GUG	NORTH CENTRAL	444.975	Kingfisher	WD5GLD	OKLAHOMA CITY
443.000	Tulsa	N5RFW	TULSA	444.975	Guyton	KY5C	NORTHWEST
443.100	Muskogee	WA5VMS	EAST CENTRAL	449.650	Chandler	WD5CIG	OKLAHOMA CITY
443.100	Oklahoma City	WN5J	OKLAHOMA CITY	449.875	Tulsa	N5JJZ	TULSA
443.150	Edmond	K45WIS	OKLAHOMA CITY	921.500	Enid	W5ZMJ	NORTH CENTRAL
443.200	Enid	WD5GUG	NORTH CENTRAL	1282.100	Mustang	WB9VHY	OKLAHOMA CITY
443.300	Cleveland	WB5MPU	TULSA	1283.100	Oklahoma City	WN5J	OKLAHOMA CITY
443.400	Yukon	AA5GB	OKLAHOMA CITY				
443.400	Tulsa	N5LMO	TULSA				



## CQ Jamboree, CQ Jamboree...

Establishing contact with amateur radio stations around the world during JOTA (Jamboree On The Air) permits Boy Scout Nathan Godwin, 13, to get a taste of Amateur Radio. Seated to his left, Doug Teachman, W0DXA, operates the Aeronautical Center ARC station W5PAA, while Scout Leader Lynn Thompson, Sr., 80, looks on. Scouts participated in JOTA during October 17th - 28th. (Photo by Jack Iman, WB5SVN)

## The Ultimate Filter

*The item illustrated below was designed by Jay Hennigan, WB6RDV, and was made public in the Santa Barbara Key Klix monthly newsletter, via the Indiana ARC and Kilo Watt Harmonics. He discusses this filter as follows:*

The device in the diagram serves many useful purposes:

1. Convince that unwanted interfering station to install it on his transmitter and make appropriate connections. His signal will magically disappear from your receiver. Although not recommended, the unit may be connected to your receiver.

2. Use it as an inexpensive burglar alarm for your antenna system. Anyone attempting to steal antennas protected by this device will be quite alarmed.

3. Use it as a TVI eliminator. Momentarily connect it to the TV to permanently cure all forms of TVI. Stubborn cases may require treatment of the TV viewer as well.

4. Use a CB dummy load. Tell a CB dummy to tune his transmitter into this!

I am sure you will come up with many more innovative uses for this unit, and trust it will become a welcome addition to your hamshack.

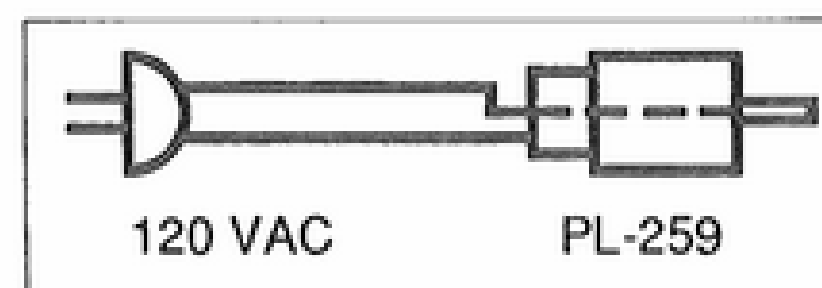


Figure 1.

## On Frequency

### Oklahoma QRP Group

This may be old news to many readers of The NWQ Newsletter, a bi-monthly QRP newsletter, but there is an active QRP group in Oklahoma that has been publishing a newsletter and running a QRP Net for three years.

The Oklahoma QRP Group has a weekly CW Net on Sunday mornings at 8:30 a.m. Central Time, on 7.060 MHz. We also hold meetings the second and fourth Saturday's of the month, at 8:00 a.m., at Denny's Restaurant, SE 84th and I-35, and N. Portland Ave. and NW 39th Expressway, respectively. For more information, please write me at 1517 SE 7th Street, Moore, OK 73160.

Louis Nix, WD5GLO  
Moore

### Thank You

Thank you very much for putting the information about the Enid Hamfest in the CORA Collector & Emitter.

Tom Worth, N5LWT  
Fred Selfridge, N5QJX  
Enid

*(You're welcome, gents. We hope the late publication date last month didn't disturb the attendance. That's our fault. You know...technical difficulties, and all that rot.--Ed.)*

Comments and opinions on the subject of amateur radio are welcome. They may be addressed to:

Editor  
CORA Collector & Emitter  
P.O. Box 95942  
Oklahoma City, OK 73142-5942

## Arkansas Highway Laws

There are more tourists coming to Arkansas each year. For their information and safety, we list here a few traffic laws that are unique to this area.

1. All Arkansas drivers are very courteous. As they pass another car, they almost always hold up one finger which means, "You are number one with us." This is also used as a greeting when meeting a police car.
2. A stop sign means you should stop only when there is another car in the intersection. In that case when you have to stop, you should blow your horn.
3. Posted speed limits refer to suggested minimum speeds only. One should always try to drive faster than this to avoid being run over by native drivers.
4. Most mountain roads have double yellow lines down the middle. In Arkansas this is used as a passing lane.
5. One should never follow another car too closely in the mountains. At least 20 inches is required for safety.
6. Turn signals should never be used BEFORE making a turn unless you reserve the right to change the intended direction of the turn. Then, use the other direction signal to keep your options open in the other lane.
7. Turn signals MAY be used DURING and AFTER particularly difficult turns to celebrate success in the accomplishment.
8. In an effort to promote local businesses, drive with one foot on the brake and one foot on the accelerator. By alternately pressing one, then the other, at random intervals, you help promote local wreckers, body shops, brake shops, AND your local law enforcement agencies and hospitals.

ENJOY ARKANSAS HIGHWAYS

(Author unknown.  
Courtesy K2GKK via W0ZUX @  
KASBML)

## Best Fruit Cake Ever

Not only for Christmas, but all year long!

1 Cup butter	1 tsp. baking powder	1 Cup brown sugar
1 Cup sugar	1 tsp. baking soda	Nuts
4 large eggs	1 tsp. salt	1 or 2 Quarts Whiskey
1 Cup dried fruit	Lemon juice	

Before you start, sample the whiskey to check for quality. Good, isn't it? Now, go ahead. Select a large mixing bowl, measuring cup, etc. Check the whiskey again as it must be just right. To be sure the whiskey is of the highest quality, pour one level cup into a glass and drink as fast as you can.

Repeat. With an electric mixer, beat 1 cup of butter in a large fluffy bowl. Add 1 tsp. of thugar and beat again. Meanwhile, make sure the whiskey is of the finest quality. Cry another cup.

Open second quart, if necessary. Add 2 warge eggs, 2 cups fried druit, and beat till high. If druit gets stuck in beaters, just pry it loose with a drewscraver. Sample the whiskey again, checking it for tonscisticity. Next sift 3 cups of salt, or anything. It really doesn't matter. Sample the whiskey. Sift 1/2 pint of lemon juice.

Fold in chopped butter and strained nuts. Add 1 babblespoon of brown thugar, or whatever color you can find, and wix mel. Grease oven and turn cake pan to 350 gredees. Now pour the whole mess inth coven and ake. Check the whiskey again and go to bed.

(Courtesy K5JB)



## Christmas Party

*Woodward, Oklahoma*

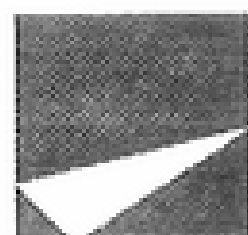
*You are invited to attend  
the annual Christmas party  
sponsored by the  
Great Plains Amateur Radio Club  
on December 12th, 1992.  
This year, we will be having  
a covered dish dinner  
at 6:30 p.m., at the  
Northwest Electric Cooperative building.*

*Local repeaters  
146.13 / 73  
147.72 / 12  
147.96 / 36*

*WB0GAX  
Bob Bayless  
254-3561*







# The BIG Signal

Oklahoma City Autopatch Association

## MINUTES OF THE OCAPA MEETING

The meeting was called to order by John, NJIV, at 7:30 pm.

John had Frank, N5FM introduce Harvey Weathers, the Dispatching Supervisor with the Oklahoma City Fire Department, who told us about the departments communication system and phone system. Also, Fire Captain Mike Shannon who specializes in hazardous material procedures, told stories of things that have happened in the metro area. He stressed the importance of knowing what we are reporting and the dangers of getting to close when we come upon an accident scene.

The minutes of the last meeting were read by John, N5SAM, seconded and passed.

Treasurers report was read by Mike, N5VIT, reporting a balance of \$2,693.72, seconded and accepted.

### TECHNICAL COMMITTEE

Hank, WA5JRH, reports that 147.21 is on the air and that 146.82 is soon to follow with new equipment. The new backup antenna has been purchased and will be mounted soon.

### CHRISTMAS PARTY COMMITTEE

Leonard, W5MEL, wants all members and their families that will attend the Christmas Party to let him know what dishes they will bring. Contact him on the repeater or by phone. The party is at the Warr Acres Community Center at NW 42nd and Ann Arbor. The club is supplying the meats.

### MEMBERSHIP COMMITTEE

Ruth, N5RJM, said that she delivered another stack of applications to the Comm Center.

### EDUCATION COMMITTEE

Brad, KJOW said the training classes will be held meeting nights from 6 pm to 7 pm.

### PUBLIC SERVICE/ INFORMATION COMMITTEE

Tom, WA9AFM, is still working on getting compiled a list of ham special interest. If you worked a traffic net during the recent hurricane or tornado's, let Tom know.

### PROGRAMS/ACTIVITIES/CORA

Frank, AA5GI, is in the planning stages for the 1993 Ham Holiday and appealed for help. Also, the C&E will need a full time editor after the first of the year.

### ARRL

Joe, N6CL, told us of a couple of hams who were fined \$2,000 by the FCC for intentional interference.

### OLD BUSINESS

The link with the Anadarko machine is still in the works. Baron, WZ3F, has ordered 100 hats with club logo and

personalized call. Let Baron know soon to reserve yours.

They will be available at the Christmas Party.

### NEW BUSINESS

Hank, WA5JRH, and the technical committee recommended that the old repeater equipment and some old test equipment be sold. MOTION was made that the tech. committee establish a price on the old equipment and sell it for the club; seconded and passed.

The November prizes were awarded to: KB5TCW and AB5I - \$25 Yaesu gift certificates

W5UZV - repeater directory  
N5TCG - ARRL Handbook

Attendance - 67.

Meeting adjourned at 9pm.

John Brassfield, N5SAM, Secretary.

## OCAPA NEWS

### NOVEMBER MEETING

How about the last meeting? Great, wasn't it? Unless my count was wrong, we had a total of 67 in attendance, which meant standing room only. Many thanks to Frank, N5FM, for arranging to have personnel from the Oklahoma City Fire Department at the meeting to present the program. Harvey Weathers, Chief Dispatcher for the department certainly presented an interesting and entertaining program concerning hazardous materials and the danger they present. For those not attending, you missed one of the most interesting meetings in months.

### DECEMBER MEETING

It's that time of year again for the annual Christmas meeting. Due to the very limited space at our regular meeting site, the December meeting will be held at the Warr Acres Community Center, located at NW 42nd and Ann Arbor. It will be held on the regular meeting night, December 15th, at 7:00 pm. This is a very easy place to find and we will have more than ample room for the meeting. The easiest way to find the location is to travel along Northwest 39th Street Expressway until you come to Ann Arbor, which is approximately halfway between MacArthur and Meridian Avenues. Turn north on Ann Arbor and go to Northwest 42nd. The center is located on the northwest corner of that intersection, directly across the street, west from the Putnam City Church of Christ. Ample parking is available both at the center and if necessary, parking should be no problem in the church parking lot across the street.

Once again, Leonard, W5MEL, is in charge of the menu for the dinner. The club will furnish the meat, and members of the club are responsible for all the other goodies. Everyone should contact Leonard either by phone or the repeater to see what they should bring. Mary, KB5VMP, will be helping Leonard. There is normally a shortage of desserts, so if any of you wives are good pie makers, let them know.

One of the highlights of the Christmas party is always the White Elephant Exchange. Everyone should make a diligent search of their belongings and find a suitable gift that everyone will be fighting over, wrap it up very nicely, bring it along and watch the delight on the person's face who is lucky enough to pick it out. Items such as old smelly tennis shoes make excellent gifts. I remember the year K5GL took a pair of mine home.

Also, remember that the drawing will be held for the two-meter rig at the Christmas party. Ruthie, N5RJM, has been selling tickets right-and-left for the drawing, but I understand she has several hundred left at a buck each, so, see her at the meeting and I am positive she will be happy to relieve you of some green stuff. Remember, if you have bought tickets, either you or your ticket must be present to win.

Let's have a good attendance this year. Remember, this is for club members and their families. We would love to have everyone there, however, space and funds prohibit that.

### CLUB CAPS

If it isn't too late and you would like to purchase a new winter cap with your call and the club logo, see Baron, WZ3F. The cost is \$8.00 for a nice dark blue colored cap. Baron is limiting the number of caps to 100, so see him early.

### CLUB CLASSES

Brad, KJOW, will start holding classes for new amateurs and members in January. He is tentatively planning on holding the meetings prior to our regular meeting. Such topics as proper operating procedures will be discussed. Brad needs assistance with these classes, so if you would like to help him, I am sure he would appreciate any help he can get.

### LETTERS TO SANTA

Having talked to Santa recently on the 40 meter band, he informed me that he had received several letters from club members. He let me in on a few secrets as to some of the requests he has had. K2GKK would like a new alternator; N5KLN, WZ3F and N5KXI would appreciate a job; KBIZQ got a new idear in Cuber, but he wants another one; W5MEL would like to feel good; N5TXE spends so much time in the dog house he would like new carpeting for it; along with a few other good ones.

*(cont'd. on next page)*

Howdy! This is Ken, WA5DTL. Hank, WA5JRH, mentioned the other day that he needed an editor for the Oklahoma Packet Radio Association, so I volunteered. Many of the packet operators that have been around for a long time probably know me, and to the newcomers I want to extend a hardy WELCOME. Your in for a whole bunch of fun. There is quite a flurry of activity on the packet frequencies these days

Hank and Lee, N5KXI, are fine tuning their 9600 baud transceivers and TNC's. Sure is nice to see this much-needed project beginning to take some shape. Dave, WB5FWE, who has had a fine BBS and various NETROM nodes on the air for a long time, is soon to change his node to 9600 baud also. It will be called OU96. B.R., WA5BQX, who also has a fine BBS way up north near Guthrie has recently changed his digipeater at Chandler (CHN) to a NETROM node. It is still called CHN, but will also have a 9600 baud backbone. It's backbone alias will be #CHN96.

There is plans in the works to develop a 9600 baud route up to Tulsa, and Hank is going to meet with the Tulsa packet group next week and decide on frequencies for the UHF backbone, etc. Hank got an overwhelming vote from the Autopatch Club membership, and his new 9600 baud node is on the air at his house and is called OCAPA. This node will soon be installed on the KWTU Channel 9 tower, and should prove to be quite a performer.

As I mentioned earlier, WA5BQX-2 BBS is soon to undergo some changes. B.R. is going to start using RLI software so that it will allow multi-port operation, and will also be running Desqview which will allow those who are not on packet to be able to call on the landline and upload or download files and read bulletins. This is probably a first and should be real enjoyable, even to the seasoned packet operator or newcomer alike.

Well, I have just about run out of news, but would like to encourage the new folks to get on the air and check out the various things that are possible in the Oklahoma City area. For those interested in DX, you can connect to ADIS and be on the DX packet cluster on 145.09. For keyboard to keyboard ragchews, 145.07 is a good place to be. 145.05 is where the BBS's are located. The packet networks are located on 145.01 (NETROM and ROSE). For those interested in HF/VHF gateways there is three in the area: MOORE (145.01/14.103), NWOKC (145.07/7.091), and N5KXI-7 (145.07/14.103). If you have any questions about how to use these gateways, and the packet network, please drop me a note in DTLBOX on 145.07. I will be very glad to help. See you on the screen.

73. Ken, WA5DTL



I always enjoy the Texhoma Hamfest. This time I camped out at Catfish Bay along with Joel, KB5FCF, and Mike, KB5HXT, and his family. I had the HF rig set-up in the tent so I could make a 40 meter schedule, plus chase one or two DX stations. Mike, KB5UKT, even made a few contacts on the rig, plus his first DX, the United Nations special event station, 4U47UN. Mike, KB5HT, was making maximum use of his ten meter rig in the truck. Another big group elected to set up shop in the Lodge. On the first night after waiting what seemed like forever for our past-pres we hit the road for catfish. Lee, how did you manage to eat 18 pieces of fish? It sure was good. Big Bingo winners were Edith, KA5YPX, and Shelby, KA5YPX. On the last day EARS had several come away with a few of the prizes. Kay, KB5LDO, and Tommie, KA5WAV, won a few minor ones. But Mike, KB5UKT, came out with a new dual-band radio!!

Here are the results of the election of new officers:

Pres. Ken Stepp, N5DBM  
VP Bob Long, N5KUE  
Sec. Lynice Hamlin, KB5FOH  
Tres. Ed Granger, KB5DZU  
Brd. Pat Gray, N5SGV  
Brd. Larry Traub, N5IXV

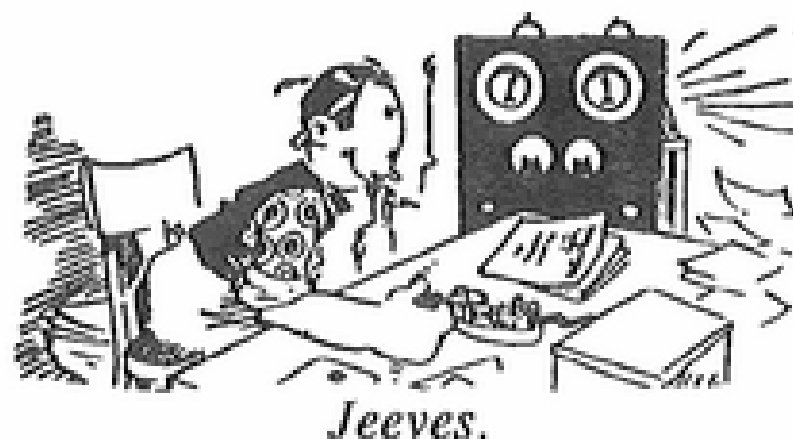
Congratulations to all!

I want to say a big thanks to Clara, KG5UG, for all the great work on the calling committee. She has gladly said that she will stay on another year. Also thanks to everyone that helped make phone calls on the committee.

The EARS Christmas party will be on Friday, December 11th, at 6:30 p.m., at St. John's Catholic Church. We need to know how much food to order, so please get your tickets and money in soon. Terri, KB5RQT, will be glad to take it.

Our next board meeting is just before the party on Dec. 9th at the EOC.

73 Jim N50HL

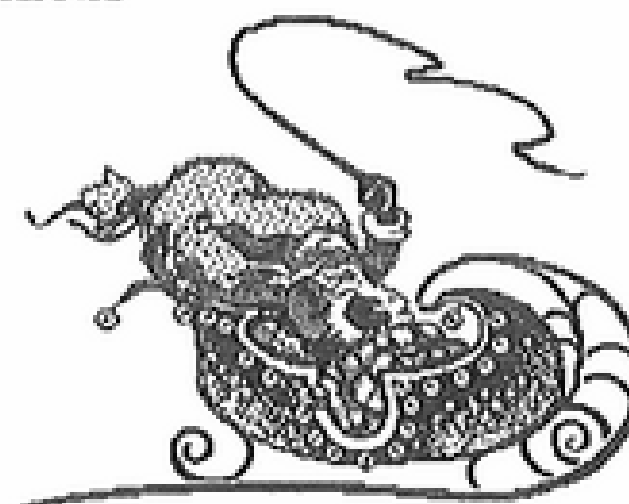


(Autopatch cont'd.)

## 'Twas THE NIGHT BEFORE CHRISTMAS

'Twas the night before Christmas, and my what a sight,  
For up on his tower working with all his might,  
Was NJIV unaware of the wind, ice and the snow  
In his mind was the vision of a future QSO.  
With pliers in his left hand and wire in his right  
He groaned as he cinched the guy wire up tight.  
Then in his eyes, I detected a bright gleam,  
As he looked up and admired all his new beams.  
Then down from the tower and he ran through the door  
And glanced at the clock; 'twas a quarter to four.  
Down the tower, round the corner, his feet did a jig  
He ran up to his desk and snapped on his rig.  
With ear to the speaker as he turned the dial  
I dare say what he heard would make anyone smile.  
For there on ten megahertz, who should it be,  
Why, it's ADIS busy working WWV.  
Then, without a thought, it slipped from his mind,  
When on the ten-meter band who should he find,  
A very weak signal from across the sea  
Calling CQ CQ 'twas an English G3.  
With thoughts of his beam, what would it work like?  
He snapped on the final and spoke into the mike.  
Fully expecting at the other end of the line  
A good forty to fifty over S Nine.  
Much to his surprise, and he groaned as he found  
From the English G3 came nary a sound.  
He continued his vigil and on through the night,  
But so far as DX, he got ne'er a bite.  
'Twas the day after Christmas, I happened to see,  
Up on the tower, with pliers 'twas he.  
There in his eyes, was nary a gleam,  
He struggled and pulled 'til down came the beam.  
Then said, for this beam, I know 'tis a buyer,  
I'll sell it to him and put up a long wire.  
But, sorry to say, his plans went up in smoke,  
For thus, sure enough, N5QDD was broke!

K5NK





## OKlahoma DX Association Just for the Fun of It!

### A NEW RECORD!

Two months in a row and your DX editor comes through with a humble offering of goodies for the OKDXA group. First, I would like to say thanks for the many members who renewed this year and have allowed the Oklahoma DX Association to prosper. Our members have been very busy with chasing DX, antenna projects and DXpeditions. Because of this, membership and interest in DXing have grown in Oklahoma. There are many Technician class hams who have discovered the fun of DXing by listening to DXers talk about their latest accomplishments. They are studying code, buying transceivers and listening to DX. Try to encourage these new hams as these are the DXers of tomorrow. Their skills and ability depend on training, and the only source of that training is by the experienced DXer. Have you invited a new ham into your shack to listen to DX...in the past month? How about in the past year? We all know that DX is contagious...Do your part to spread this part of our hobby.

### UPCOMING DXPEDITIONS

AD1S and AH9B will travel to Kwajalein Atoll in the Republic of the Marshall Islands for the Japanese DX Low-band CW test and will spend post-contest time on WARC, RTTY and CW modes. Craig and George will depart OKC on January 8th, 1993, and will be on the atoll for about 7 days. Listen for V73B and V73S. QSL to OKDXA, of course.

The Palau DXpedition by NJ1V and WV5S has been postponed until early 1993. Watch this column for more information as the exact dates, etc. become known.

The BIG news for early 1993 is the DXpedition to KINGMAN REEF, KH5K and PALMYRA ISLAND, KH5 by a team of 10-12 operators which will include OKDXA member AH9B. (Craig will be a busy guy in the first quarter of 1993.) The operators will depart Honolulu February 20-21, 1993, on the Motor sailer "Machias". (This is the same vessel that is being used by the BakerHowland DXpedition in January 1993.) They expect a five day sail to Kingman where some of the operators will activate KH5K while the vessel transports the rest of the team to Palmyra. The vessel will then return to Kingman Reef to support the ops. on the world's smallest DX country (10 feet by 50 feet at high tide). About halfway into the effort, there will be an exchange of operators so all will have the "opportunity" to operate from KH5K. One operator will be dedicated to RTTY and another to six meters, satellite, etc. The DXpedition planner is NOAFW of Clipperton Island fame, and operators signed up to date include AH9B, V73CT/ AH9C, WORLX, GOLMX, W7KNT and at least one other European operator. There is

room for a few more operators, but time is growing short. Contact NOAFW at his callbook address right away if you are interested and available. Heavy DX and/or contest experience in all modes is preferred and the upfront cost is expected to be between \$2500 and \$3500 plus air transportation to Honolulu. ICOM America and Oklahoma Comm Center are significant contributors to this effort, and the QSL route is VIA OKDXA!

### OKDXA NET THRIVES

The OKDXA weekend net has been graced by numerous checkins during the past few weeks. You are invited to check in even if you don't happen to be an OKDXA member (yet). The net meets every Saturday morning at 11:00 a.m. LOCAL TIME on or about 7.235 Mhz. We usually have twelve to fifteen check-ins and exchange a lot of DX and QSL information in the net. If you are a new DXer, this is an ideal time to rub elbows with Oklahoma DXers who have worked and confirmed between 300 and 350 countries! See you on the net every weekend except when there is a large hamfest or major DX contest scheduled.

### IRC's - WHAT'S THAT?

After the DXer makes the contact, the hard part begins. If the DX station has a QSL manager, you will have to send your

contacts in an hour! Experience shows that about half of these stations will request a QSL. That means 100 incoming cards for every hour of operation! Your postcard and a nineteen cent stamp will NOT get a reply. You can send QSLs through the ARRL bureau, but this is a slow process and frankly, bureau cards get the lowest level of priority with QSL managers and DX (slightly above the 19 cent postcard, but not much...).

If you want a fast reply, use the SASE/SAE method followed by DXers all over the world. Follow these steps:

1. Carefully complete your QSL making doubly sure that all dates and times are correct. Use UTC time only. Never use CST, CDST, etc., as your date and time may never match up with the DX log. Make sure that your callsign is written on BOTH SIDES of your QSL. (Saves flip-flopping the card.)

2. Write your name and address in block letters on the outside of a small envelope that will fit inside your mailing envelope, preferably without folding. If the DX uses a stateside manager, place a 29 cent stamp on this envelope. If you are sending your card anywhere else in the world, it is mandatory for you to enclose funds or IRC's sufficient for the DX or manager to buy postage to mail your card to you. DO NOT expect the DX or manager to pay this cost. If you don't send postage; your card will wind up with the bureau cards or that 19 cent special. Maybe someday you'll get your card; then again, maybe you won't.

3. Place your card and the return envelope inside a slightly larger envelope for mailing to the DX or manager. Almost



UNION POSTALE  
UNIVERSELLE

COUPON-REPONSE  
INTERNATIONAL

C 22

Ce coupon est échangeable dans tous les pays de l'Union postale universelle contre un ou plusieurs timbres-poste représentant l'affranchissement minimal d'un envoi prioritaire ou d'une lettre ordinaire expédiée à l'étranger par voie aérienne.

Empreinte de contrôle du pays d'origine (facultative)	Prix de vente (indication facultative)	Timbre du bureau qui effectue l'échange
	150 円	

card to the manager and wait for you card to be answered by the volunteers who perform this thankless task. If you send a QSL request to a DX station or a manager, DO NOT send a "postcard" and expect an answer. Remember, the DX does not need your card; YOU need his. If you listen to DX pileups, you will quickly realize that a skilled DX station can make over 200

all cards, envelopes and contributions will add up to less than one-half ounce, thus requiring 50 cents airmail postage to anywhere in the world.

An IRC is the acronym for International  
(cont'd. on next page)



VHF Club  
NEWS

W5LOW  
The Elmer Gooder Memorial  
Station

Meeting was called to order 12:20 pm at the Golden Skillet by Vice President Fred, W5NL, with 19 folks present. (President Jack, WB5ZKZ, was attending a DAV function; he is a bugler for honor guard at funerals.) There was a round of introductions and comments, etc.

Ellard, W5KE, gave the Treasurer's report which was accepted. The minutes of the last meeting were accepted as published.

There was considerable discussion about possibly changing the process of recruiting officer candidates for club elections. One concern was that perhaps people are reluctant to run because there are no "term limits". There was even talk of an amendment to the bylaws to add "term limits". This awoke the secretary who sensed work coming on. He soundly shouted down this idea with the reasoning that if a person didn't want to run for successive terms he could "Just say no!" (With that, the secretary went back to sleep.)

Turkey of the Month was awarded to Joe, K5JB, for a second month in a row for forgetting to bring it to the club meeting.

President Jack, WB5ZKZ, arrived before the meeting adjourned and he briefly explained the problem that state workman's compensation is having on the RACES program.

Next month's meeting will be December 19th, at the Golden Skillet, 3401 N. Classen Dr. Gathering will start at 11:30 am.

Meeting adjourned at 12:45 pm.

Joe, K5JB, Secretary.

## Cimmaron ARS

The November meeting of the Cimarron Amateur Radio Association convened at 827 S. 13th, with the following members present:

WX5Y, Ruth; WK5V, Denny; N5FMH, Nadine; KF5SW, Steve; KB5SOM, Kenneth; N5WVU, John; and President AB5Z, Ray; who called the meeting to order.

After a short business in which December 4th, 1992, at 7:00 pm. at Keck's Feedlot II in Fairview was set for the Annual Christmas party, new officers were elected. They are:

President - Terry McColl, N5MLT  
V. President - John Medley, N5WVU  
Secretary and Reporter - William Painton, WK5V  
Treasurer and Activities Director - Nadine Painton, N5FMH  
Net Manager - Ray Barnes, AB5Z.

The meeting was adjourned to further discussion of two cylinder vehicles, among other things.

Confidential for LADIES ONLY. Do you know what God said after he created man? "I can do better than that!"

Let's all remember the CARA meetings the second Thursday of each month, and the Net at 8:00 pm on the other Thursday nights.

BE there, or be square!

73's, N5WVU

(OKDX cont'd.)

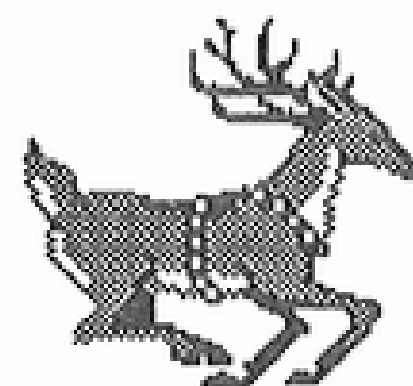
Reply Coupon. They can be bought at your local post office for about a dollar, or you can get them from various local sources for half that amount. (Current sources for IRC's @ 50 cents each: WV5S, AH9B, AD1S.) IRC's circulate all over as "legal tender" by DXers and seldom are ever really cashed in for postage. They are just sold again and again. As long as only one side of the IRC is canceled, it is a negotiable instrument.

But what about the "Green Stamp"? Many DXers and DX chasers prefer to slip one or two dollars into the envelope in lieu of several IRC's. This is perfectly acceptable in most countries except for India, Pakistan and a few other closed societies where possession of a foreign currency is punishable by death! Exercise caution if you are not sure. By the way, green stamps are VERY welcome in the old Soviet Republics.

And what about extra contributions? What do I "owe" the DXer? That question varies as much as the tip some folks leave at a nice restaurant. Some folks get great service, eat a \$40 meal and leave a buck for the server. Others in the same circumstance might leave a \$20 bill. It is an individual decision and so is a contribution for an expensive, wellrun DX operation. And yes, DXer's who live in a "rare" country also have extraordinary expenses and should be considered for a contribution. It is a major sacrifice for hams in many nations to buy the gasoline to run the generators that provide their AC power. They sacrifice their time to make their country available for DXers and the cost of a single QSL is usually between 5 and 10 cents. That doesn't sound like much unless you monthly income is only \$30! No, I am not suggesting "professional" radio operators for DX purposes; I am talking about common sense and common courtesy for some very uncommon people. Just think what DX would be like if VR6TC couldn't keep oil in the lamps on Pitcairn; or if 9N1MM had never taken a radio to Nepal, because it "was too much trouble..."

If you have a difficult time perceiving the plight of the QSL manager, I would invite you to visit my shack someday and try to find a place to sit that doesn't have a stack of cards waiting to be sent to some deserving DXer. OKDXA services about a dozen current and an equal number of inactive DX stations. The volume of cards in and out of Box 88, Wellston, OK, every week is staggering, and we are a relatively small QSL route. Do your part to make the DXers life easier...until next month, GOOD DX!

De ADIS/V73S.



"How do we know we're not inside someone's paperweight."

# MORI

The first meeting with the new officers was held on November 3rd. I counted 27 in attendance (not bad for election night).

Martin, WD5FEI, reports that we are well beyond the halfway point of getting the 146.925 repeater on the air. We just received the repaired RC-85 controller which will go on 146.925 in a few weeks. We will be switching the controllers around in the next few weeks while repairs are made to the repeaters. Eventually, the RC-85 controller will go on .925 and the RC-850 will stay on .67. We are yet to determine what to do with 444.1.

Starting next month Martin, WD5FEI, will have a short article concerning the technical status of the MORI repeaters.

Robert, N5QKI, reports that in the past two months, MORI membership has increased to around 130, with 22 new members. MORI wishes to welcome the following new members:

Jerry KG5AA, Joe WB6ACU, Jim N5BEQ, Marvin WB5DXZ, Howard KA5ECX, Martin WD5FEI, Carl WA5JDV, Bill N5NUK, Roy W5OXX, Clyde N5PHW, Reid N5QAR, Stan KB5RVT, Larry N5SOY, Steve KB5TOG, Eric KB5UKU, Carolyn KB5VDM, Dena KB5VDR, Jessie N5VHD, Craig N5VIS, Bill K6VPE, Steve N5VVV, and Rick N5WNR.

We may have forgot to list a few folks who joined after this article was submitted. If you are interested in joining MORI, please come to our monthly meetings, or give Robert, N5QKI, a call at 720-0073.

Our next meeting's will be December 1st, and January 5th. Meeting's are at Favorite's Restaurant, 36th & S. Western, 7 p.m. Anyone is welcome to attend!

See you next month!

73 De NOPAD

I was glad to see so many new and present member's attend the November meeting. About 27 people overall came to the meeting to find out just what MORI has been up to. We had all the normal business stuff with two additions, a guest speaker and then a question/answer session. All of the above contributed to fantastic meeting. One XYL even said it was the most enjoyable meeting that she had been to in the more than 10 years her husband had been a ham. Come on out and see us at Favorite's, 36th and S. Western, on the first Tuesday of every month.

I think that many were entertained at the meeting by our guest speaker Glenn Turner, NF7T, who explained that MORI will be happier with the 146.925 coordination because of greater coverage allowed by being the only repeater in the state on that

frequency. Thank you Glenn for all of your hard work in frequency coordination. It is greatly appreciated as well as was your appearance at the November meeting.

I believe another big plus for the last meeting was the question and answer session that took place. Not only was thing informative for the members of MORI but it was informative for the officers as well. I know that it helped me understand what topics the members cared about the most, and why they were members of MORI. First of all is a sense of belonging to a family. They were a part of MORI because they like the idea of being recognized whenever they give their callign on frequency. The members were also interested in the autopatch and it's availability in case of an emergency. Next, I believe the members were interested in the expansion of MORI with greater coverage, access, and reliability, all of which are on the way.

## GREATER COVERAGE, ACCESS, AND RELIABILITY

Our Technical director has informed me that all of changes are about to take place. As of this writing the finishing touches are being put on the 146.07/67 machine for the grand move and final resting place of the brand new solid state repeater out at Channel 4's tower. Hopefully, weather will be on our side and will allow the change to take place in the first week of December. What a Christmas present!

## WHAT ABOUT THE ACC CONTROLLERS?

The RC-85 controller was sent back to ACC. The tape on the EEPROM had been taken off and many damages done away before we even took office. Needless to say it was useless and it was deemed necessary by the executive committee to send the 85 back to ACC for repair so that .925 can go on the air. Also, an ACC autopatch board was ordered for the RC-850 controller to get rid of the annoying line noise and distortion on the .67 autopatch. (It was getting so bad, the person the telephone could not even understand who it was that was calling.) This was also an effort to curtail any downtime with the autopatch. The present autopatch was a RAP-200 that was 25 years old (and close to the grave.)

## 146.925 TO AIR SOON!

All of the pieces are together and working, the crystals have been ordered and the case is being finished to put the .925 machine on the air for the very first time. You can look for this addition to MORI in the first week in January. (Weather cooperating.) This repeater will also have autopatch capability with a phone line that is shared with the .67 machine. Two people cannot make an autopatch at the same time,

but you should always be able to make an autopatch on one machine or the other. Look for this machine in January!

## 444.1 - A MORI MACHINE

It was verified at the meeting by NF7T that the 444.1 frequency coordination is still property of MORI and will be on the air before February. When the repeater does come back on the air, I encourage all to use it as much as possible. Populate the frequency with activity and let people know that we do plan to use the frequency. Even if this means putting a 440 rig on your Christmas list! If MORI doesn't use the frequency, somebody else will.

## SOMEBODY AT THE LAST MEETING SAID...

"Can we say the word Radio Shack on the air now???" YES. You can say anything the FCC allows you to say on the air now. That includes Radio Shack, and other brand names. I even challenge the membership to a brand names net on the .67 machine just to drive the point home. It's OKAY! Just be yourself.

## SOMEBODY ELSE SAID...

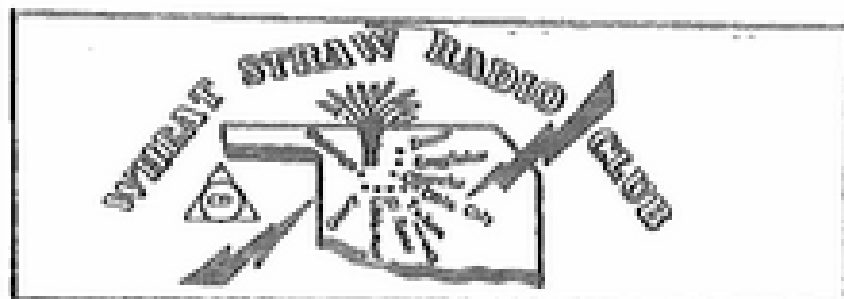
"Can we use the autopatch yet? Or is it just for emergencies???" Well, I really don't know how to stress the importance of using the autopatch. I would not like to stop at just saying that you can use it. I would like to go one step further and say that you are doing your fellow mankind a disservice IF YOU DO NOT use the autopatch at least once a week! The reason for this being that one day you might find yourself in an emergency situation. This being the case, you are probably NOT going to have the calm and collected hand that it takes to dial the autopatch (especially with the small button's on today's radios). What if (by never having used the autopatch) you forget the codes needed in that desperate minute to access the autopatch in order to save someones life? There is no time to practice then, and it would be a horrible time to find out that the codes have changed or that the security features installed in the new controllers don't work the way they used too, etc. USE THE AUTOPATCH! Practice using the patch just like you practice the code or handling NTS traffic. Someday, it could save someone's life.

## JAMMER, JAMMER, ON THE WALL...

By increasing the use of the repeaters and having more repeaters in operation, we are bound to have problems with repeater jammers. Expect it. Be ready for it. But, when it happens just remember these handy tips:

1. Don't admit that there is a problem over the air! If you can't continue your conversation, say that you are busy and have to go. Leave it at that. If you can continue the conversation, pretend that there no problem. (IF the jammer thinks that no one can hear him, he is more likely to run

(cont'd. on back page)



When I received the November issue of the C&E, the first thing I did was count the pages. I am pleased to see more articles written. I haven't read all of mine yet. Just slow, give me time.

Last month I intended to write some about N5VSG Scott's DX question. My correction ribbon broke wrapping around the type ribbon. When I got crippled to a cut of it I closed it up, since the store's were all closed and the deadline was near. Anyway I heard Scott calling the ARES Net. Scott, your wounds are healed, you are doing a fine job.

I read N1LPN's disappointment of her first contest. Linda there is always going to obstacles in life. Personally I think amateur radio is one of the greatest privileges we have. We have to make the best of it. If you were going to the market, your car had a flat on, you put on the spare and go on. If you have a tower turn the antenna toward Calumet. Tune your radio to 146.61 minus .600 at 9:00 pm on Wednesday evening. You will be checking into the Wheat Straw ARC. They are one of the closely united group I have ever been associated with. The fellowship is great with much concern about each other.

Congratulations to WA5ZNF Joe Harding on his eightieth birthday party. May you have many more with our blessings. I wish I could have been there.

The November 8th meeting had to begin an hour earlier, the person in charge of the appointment calender forgot he had already booked a group at 3:00 pm. It didn't matter because everyone must have known it. We had no latecomers.

Meeting was called to order by our president WZ5H Leo. He reported on Ann's condition. We all wish Ann a quick recovery. There were twenty five present. The next meeting will at Watonga, along with our Christmas dinner. WA5PFK Ralph is to be the net control. The meeting will be at the end of main. It is time to elect new officers for 1993. Anyone is welcome but we need reservations made two days in advance.

We are to have turkey, roast beef, and ham for meats. Dressing, real mashed potatoes, gravy, and three vegetables. Then there will be thirteen salads and a desert, with coffee or tea to drink.

We always nominate officers in November, when elections are held in December nominations can still be made from the floor.

Nominations for president were: AB5Z Ray, Nom. by N5IKN Tom. WA7AZO Carl, Nom. by N5KCO Neal. N5IXN Olive, Nom. by N5IKN Tom, after AB5Z declined the Nom.

VP. WA5RLP Margaret, Nom. by AB5Z.

S&T. WA5FLT Joe, Nom. by N5IKN Tom.

Reporter. WA5PFK Ralph, Nom. by N5IKN Tom.

Meeting adjourned for the largest selections of refreshments. I think every lady that came in brought something. They were delicious.

#### PRAYER ON QT

Now I sit me down in school, where praying is against the rule;

For this great nation under God, finds public mention of him odd.

Any prayer a class recites, now violates the Bill of Rights;

Any time my head I bow, becomes a federal matter now.

Teach us of stars, or pole and equator, but make no mention of their Creator;

Tell of experts in Denmark and Sweden, but not a word of Eve or Eden.

The law is specific, the law is precise, praying out loud is is no longer nice;

Praying aloud in a public hall, upsets believers in nothing at all.

In silence alone can we meditate, and if God should get credit, well that's great;

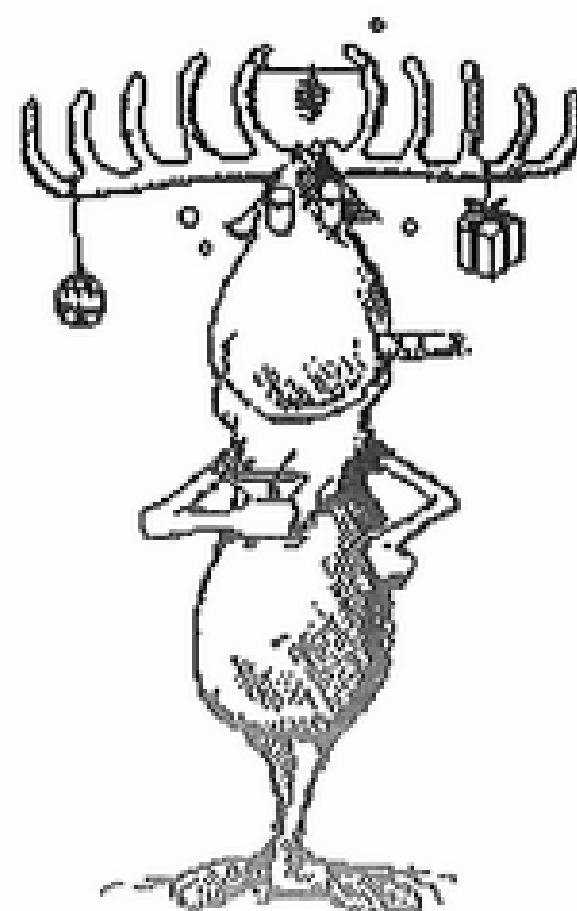
This rule, however, has one gimmick in it, you have to be finished in less than a minute.

So all I ask is a minute of quiet, and if I feel like praying then maybe I'll try it;

If not, O Lord, this one plea I make; should I die in school, my soul you'll take.

Unknown.

Please! GOD, take care of our sick.  
73, Ralph



Robert at thirty-five.

## Great Plains ARC

Greetings from Northwest Oklahoma and the Great Plains Amateur Radio Club. The November meeting was held at the Woodward library on the 8th. There were ten members present. Those in attendance were : Bob WB0GAX, Lee W5HGH, Don N5VJE, David KA5VAY, Wes N5SBL, Freida N5EOX, Lewis W5KFK, Lois N5JGQ, Rod WB5OVT, and Phil N5QCN.

GPARC President Bob, WB0GAX, reported that the Hamfest site is confirmed for the 3rd and 4th of April. He also reported that the Northwest Electric Cooperative Building in Woodward is confirmed for the annual Christmas party on the 12th of December.

Bob also reported that the Jamboree On The Air (JOTA), was a big hit with the Boy Scouts. The attendance exceeded 130 people consisting of six Boy Scout troops, three Cub Scout Packs, and sightseers. Bob also thanked Don, N5VJE, and Phil, N5QCN, for their assistance of operating the radio equipment. The Great Plains Amateur Radio Club donated \$100 to this event for a hamburger fry.

The Enid Link-up was talked about at the meeting. It is still pending until Wendell reports on what was decided between he and Ken Isabell. We decided to discuss the link-up at the following meeting.

There will not be a December meeting due to the annual Christmas Party. The Christmas Party will be held at the Northwest Electric Cooperative Building on Saturday, December 12th, at 6:30 p.m. This year it is going to be a covered dish dinner. The attendance to the party has been growing every year, so do not miss the excitement. I am looking forward to seeing you there.

The 146.13/73 Woodward repeater is back up again. The repeater has good coverage as usual. Don, N5VJE, and Wendell, WA5PLW, did the tower work while Bob, WB0GAX, David, KA5VAY, and Phil, N5QCN, kept their feet on the secure ground. We managed the activities that went on downstairs. There is also a new repeater in the area. It is the 147.96/36 repeater on the Omnicom tower. This repeater has exceptional coverage in all directions. The WRD digipeater has been taken down temporarily and should be back up shortly. So those of you who have been trying to reach Northwestern Oklahoma on WRD, you are not going to have much luck. I will let you know when it gets back on the air.

Well, that just about covers everything that has gone on in this part of the state. Do not forget about the Christmas Party that will be on December 12th. I am looking forward to seeing you there.

73, CUL, Phil, N5QCN

# Alternate Currents

## Golden Years.

by S.A. Kelly, N5VSG

Two funny things about the term The Golden Age as it is applied to some ongoing event. One, an event that occurs during a Golden Age, or the time in which that event occurs, is seldom thought of as "golden" while it is in fact occurring. Two, by implication the use of the term The Golden Years seems to indicate that things begin in a state of better and then gradually deteriorate to whatever conditions are existant at the time the term is used in some statement.

I think the second observation is the most important. Do things really start out good and then degenerate into something that we consider to be less than what they were originally?

Heck Yes!

Thank you. Would the gentleman in the back please return to your seat.

Let's not be too hasty. To espouse that belief is to embrace the concept that everything begins in a state of perfection and then decays, presumably into a state of oblivion. Let's not go that far.

Example: time. The 1950's are generally considered to be the Golden Age of science fiction. It was not— to the best of my knowledge— thought of as a "golden age" at that time. There were not— again, to the best of my knowledge— a bunch of writers running around saying "My aren't we mighty lucky to be science fiction writers in this...the Golden Age...of science fiction." They were simply doing what they were doing and that was about the end of that.

Well, as it turned out the 1950's were immediately followed by the 1960's and the early 1970's. Science fiction, or at least the people who were writing it, changed. Hard-science science fiction gave way to a "new wave" humanistic approach. The stories focused less on the nuts and bolts and more on the people in charge of the nuts and bolts. Aliens were no longer simple bug-eyed monsters to be eradicated by our trusty ray guns, but rather strange, exotic cultures to be explored. To compare against our own.

"Blasphemy!", the old guard cried.

"Change, you crochety old geezers!", the new wave responded.

And a Golden Age was born. A better time. A time against which everything that would follow would be measured.

"Well, now that's real 'purty'. What in the heck's it got to do with ham radio?"

Boy, I'm glad you asked.

In case you hadn't noticed, there's a "new wave" in Amateur Radio. I guess I'm part of it. We are a welcome addition to this field. This field needs us. Desperately. But we must remember that we did not start all of this. This hobby existed long before some of us were born, long before the rest of us even cared. So what do I mean?

"I think the code is stupid. They just do that to keep out all us new guys."

No they don't. There does not exist an individual, or any organization, hell-bent on keeping you or I from progressing in this hobby. There does, however, exist a system. And this system has rules. And everyone involved in this system must play by those same rules. To do anything less would be utter chaos. Hence, there would be no system. Hence, there would be no hobby. Hence, you wouldn't be reading this article.

The essence of this hobby is change, and change in this hobby can only come from within. You cannot stand on the outside, away from the rest of us, and dictate to us.

Look at it this way. If you can't do what has already been done then don't expect us to believe that you can offer more.

The crochety old geezers are always going to holler "Blasphemy!", and the new wave is always going to holler "Change!"

Somewhere, in the middle, lies progress.

The point is this:

Do you really want a "golden age" of radio? Do you want to wallow in former glory and bemoan the current state of affairs?



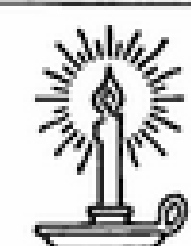

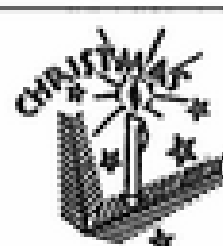


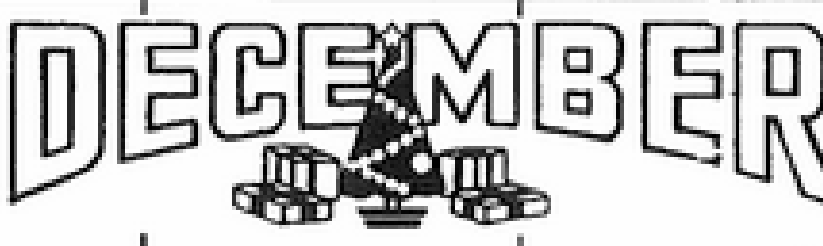
No. I don't either. The point is to move forward, but not at the expense; never at the expense of our own heritage.

A lot of hard work has been done to bring us to where we are. I hope that you...and I...the new wave of Amateur Radio, are up to the task of carrying it forward.

And when we accomplish that, as we inevitably must, I hope that those who follow us will understand, and expand, on what we have put forward.

*Twenty-three skidoo. Cool, Daddy-O. Like, for sure!*



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 MORI	2	3 Aeronautical Center	4	5
6 Great Plains	7	8 Bicentennial (76's)	9 	10 Altus Assoc. Cimmaron	11	12 SCARS
13 Wheat Straw	14 EARC	15 OCAPA	16	17	18 EARS	19 VHF Saturday VE Tests
20 	21 CORA VE Tests	22	23 	24	25 	26
27 C&E Edt 	28	29	30	31 		

(MORI cont'd.)

and play somewhere.)

2. Don't talk to the jammer or mention anything about tracking him down, finding him, etc. To many people (?), this only serves as a test to see if you or anybody really will find them. Again, for reasons outlined above, the best thing to do is pretend that nothing is even happening and that everything is business as usual.

3. Check the input of the repeater to see if you can hear the station. If you can, chances are that he is close by.

4. If he is close by you might get in your car or go on foot around your neighborhood to determine his location by taking your antenna off of your rig when the signal gets strong enough and then noting the S-meter reading. (DO NOT at any time approach someone and accuse them or make demands for them to stop. This could be dangerous, and illegal. Don't try and play policeman.)

5. Start a log of the times the jammer starts and stops. (This is useful to determine if there is a pattern.)

6. If you do locate the station or can hear it on the input of the repeater make note of it and the signal strength along with the time log.

7. Contact a club official that can coordinate efforts in the club and use your information to make a case for the FCC.

Again, NEVER approach someone you think is responsible for the illegal transmissions. Let the FCC do that job. You just get the house number or the license plate number.

Also, listen to other repeaters and see if they are having problems. Try to help them if you can. Maybe you can make ham radio more enjoyable for all of OKC.

#### THE "BREAK" SYSTEM...

Have you ever wondered why when you say "BREAK" it seems like someone

always says, "Go ahead station with emergency traffic!" Well, it used to be practice and an ARRL suggestion to use the word "break" in traffic handling. As a matter of fact, saying "break" meant that you had emergency traffic. If you said "break break", you better have a life or death situation or get out of Dodge! By saying "break break break", you were implying that you had almost a national emergency of the utmost importance and needed the frequency immediately! It is a good system and would work well if everybody knew the terms. This is why everybody says just to say your callsign if you want to be recognized and if you have and emergency say, "Break!"

I will look forward to hearing you all on the air and seeing you at the next meeting at Favorite's, 36th and S. Western, on the first Tuesday of the month at 7 p.m.

73, N5NYS

## NEW TECHNICAL NET IN OKLAHOMA CITY

The Z525, 145.25 MHz (minus offset) repeater in Oklahoma City is proud to announce the Central Oklahoma Tech-Net, a new net conducted every Wednesday night at 8:30 p.m. local time. This net is devoted entirely to technical questions, answers, and information about amateur radio. Everyone is welcome to check into the net. Radio amateurs are also invited to use this wide-area coverage machine. The repeater is non-club affiliated, and dues are not required, (or accepted), for the use of the use of the machine. Be their guest Wednesday and check into the Central Oklahoma Tech-Net!

For more information contact Patrick Roberts, KA5ZYM, owner and trustee of Z525.

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