



# The CMRA SQUELCH TALE

AMATEUR RADIO SERVING THE PUBLIC

January-February 1995

An ARRL Special Service Club

WDØDVG Repeater 146.16/.76

## WDØDVG REPEATER MOVED!

### User and Member Support Needed!

#### President's Corner - ????

We are in need of a President! The poor showing at the December meeting left us without a "Commander and Chief". Bob Bosma, NØWYF, has offered to be the acting President for the next 90 days. As you can see from the "info box" at the bottom of this page, we need your active participation to keep our club growing. Please try and make the February 14th meeting! See you at 7:00 P.M. in the Boone Electric Cooperative Meeting Room - 1413 Range Line.

**Notice: Starting with the March 14, 1995 meeting, we will be in the Fire Training Facility at 700 Big Bear Blvd. (behind the Humane Society).**

**Central Missouri Radio Association  
P.O. Box 283, Columbia, MO. 65205**

**President.....**  
**Vice-President.....**  
**Corresponding**  
**Secretary..... Perry Ogletree, NØNMC**  
**Recording**  
**Secretary..... Bob Bosma, NØWYF**  
**Treasurer..... John Brandt, KBØPHQ**  
**Member-at-Large..... Jesse Bowen, WMØY**

The CMRA is a not-for-profit Missouri corporation. To receive the newsletter, or to submit articles, contact the editor, Perry Ogletree, NØNMC, 3609 Bray Ave., Columbia, MO. 65203-0877 [(314)445-2662]. Equipment ads by individuals will be accepted as space allows.

FCC says, "ID every 10 minutes...".

### Dues Notice! Your 1995 C.M.R.A. Membership is due.

\$15.00 Individual and \$20.00 Family.

Send your check to:

Central Missouri Radio Association  
P.O. Box 283  
Columbia, MO. 65205.

#### The WDØDVG Story - Perry Ogletree NØNMC Part II - The Move!

As you may know, the WDØDVG repeater is in its temporary home at the Red Cross Building. Armed with a little more than \$ 1400.00 in donations, plus most of our savings, the order was placed for the NEMA enclosure after the December meeting. The total cost of the enclosure, with shipping, was almost \$ 4300.00! If you have not made a contribution to the repeater, and are a user, your donation is needed! Your C.M.R.A. dues barely pay for the newsletter and other club expenses. Partial shipment has already been received. The balance of the enclosure is expected in the next two to three weeks. Installation of the repeater in it's "new home" is expected to be completed by the end of March. I know we will be glad to get the phone patch back on-line.

## HELP NOW!

## Meeting Minutes - Bob Bosma NØWYF

The January meeting of the Central Missouri Radio Association was called to order by Bill Stroud, NØNMC. The December meeting was a holiday supper, so no minutes were taken.

### TREASURERS REPORT:

Savings balance of \$ 1,978.81, checking & CD (rolled over) balance of \$ 3,578.48, for a total cash available of \$ 5,557.29. Report was approved as read.

### 1995 CLUB OFFICERS:

The Nominating Committee submitted the nomination of Bill Brady, NØUEY, as president, no vice president named, Bob Bosma, NØWYF, as Recording Secretary, John Brandt as Treasurer, Perry Ogletree, NØNMB, as Corresponding Secretary, and Jesse Bowen, WMØY, as Member at Large. The slate was approved as presented.

Bill Brady has since declined the office, so Bob Bosma, NØWYF, has agreed to act as interim president for no longer than three months.

### OLD BUSINESS:

The enclosure for the repeater will cost between \$ 3,600 and \$ 3,800. As of the January meeting, about \$ 1,400 in repeater enclosure donations had been placed in the savings account. There is a possibility that CMRA can receive a State matching fund grant for part of the cost of the repeater enclosure. It will take about one year to process the paperwork.

Congratulations to the Hamfest Committee: CMRA actually came out \$ 363 ahead on the 1994 Hamfest!

### NEW BUSINESS:

Bill, NØNMB said the Boone Electric Cooperative building will be closed for remodeling after the February meeting. Beginning in March, we will be meeting at the Columbia Fire Training Facility. We will return to our present meeting place late next summer or in the fall.

The Club Station recently received 44 QSLs from 10 meter contacts according to Eric, NØZOZ. Mike, NØLBA said he is not aware of any "rip-off" problems with the QSL Bureau, but there have been rumors on that subject. If you feel your QSL account is inaccurate, please contact NØLBA or NØFPE.

The meeting was adjourned, followed by Charlie Cheek's travelogue on his trip to the North Pole.

## Thoughts...

Albert Einstein once said, "Try not to become a success, but rather try to become a man of value."

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President George Bush said, in Maine they tell of an old man walking along the beach with his grandson, who picked up each starfish they passed and threw it back into the sea. "If I left them up here," the boy said, "they would dry up and die. I'm saving their lives."

"But," protested the old man, "the beach goes on for miles, and there are millions of starfish. What you are doing won't make any difference."

The boy looked at the starfish in his hand, gently threw it into the ocean, and answered: "It makes a difference to this one!"

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## Questions...

What is my value to the Amateur community? What difference have I made in the club?

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## Product Review - Perry Ogletree NØNMC

Christmas came a little late but it was worth the wait! Santa left me a new shiny Icom IC-736. I am **very** impressed by this rig. It is a 160 meter through 6 meter 100 watt all-mode transceiver with built in antenna tuner and power supply. The receiver section is also a general coverage type with a 0.5 Mhz. to 30 Mhz. and 45 Mhz. to 60 Mhz. range. All I can say is its a real pleasure to use. The 101 memories, 10 "scratch pads" and easy to operate controls make it a flexible rig, even with 47 buttons and 9 knobs on the front panel. Everything is well labeled and logically grouped. The manual is more than adequate even though it covers both this and its sister rig, the IC-738. The pass band tuning and notch controls allow you to "filter" out a lot of interference and noise. The noise blanker really works for repetitive type noise.

The only draw backs to this rig is its lack of a DC input. Thats right, it is AC only! Even though it is pretty large, it would be nice to have that capability. I guess I'll have to buy an inverter for my van!

If you want a fully functional rig with a little extra (the 6 meter band), I can recommend this one.

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# US AMATEUR BANDS







Revised Dec 1, 1991

## US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications. Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W. Power for all license classes is limited to 200 W in the 10,100–10,150 kHz band and in all Novice subbands below 28,100 kHz. Novices and Technicians are restricted to 200 W in the 28,100–28,500 kHz subbands. In addition, Novices are restricted to 25 W in the 222.1–223.91 MHz subband and 5 W in the 1270–1295 MHz subband.

Operators with Technician class licenses and above may operate on all bands above 50 MHz. For more detailed information see *The FCC Rule Book*.

## KEY

-  = CW, RTTY and data
-  = CW, RTTY, data, MCW, test, phone and image
-  = CW, phone and image
-  = CW and SSB
-  = CW, RTTY, data, phone, and image
-  = CW only

- E = AMATEUR EXTRA
- A = ADVANCED
- G = GENERAL
- T = TECHNICIAN
- N = NOVICE

† Only Technician-class licensees who have passed a 5-WPM code test may use these frequencies.

\*\* Geographical and power restrictions apply to these bands. See *The FCC Rule Book* for more information about your area.

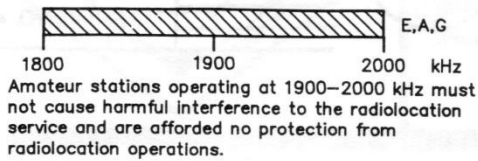
## Above 23 Centimeters:

All licensees except Novices are authorized all modes on the following frequencies:

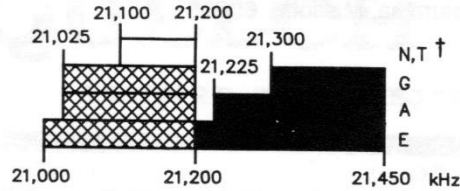
- 2300–2310 MHz
- 2390–2450 MHz
- 3300–3500 MHz
- 5650–5925 MHz
- 10.0–10.5 GHz
- 24.0–24.25 GHz
- 47.0–47.2 GHz
- 75.5–81.0 GHz
- 119.98–120.02 GHz
- 142–149 GHz
- 241–250 GHz
- All above 300 GHz

For band plans and sharing arrangements, see *The ARRL Operating Manual*.

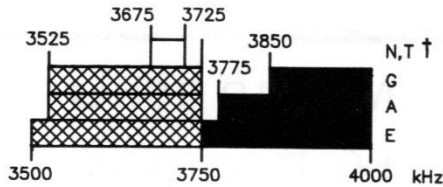
## 160 METERS



## 15 METERS

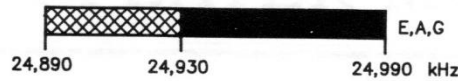


## 80 METERS

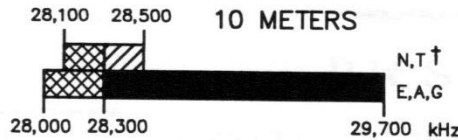


5167.5 kHz (SSB only): Alaska emergency use only.

## 12 METERS

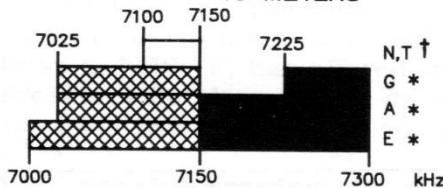


## 10 METERS



Novices and Technicians are limited to 200 watts PEP output on 10 meters.

## 40 METERS

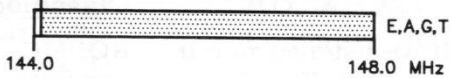


\* Phone operation is allowed on 7075–7100 kHz in Puerto Rico, US Virgin Islands and areas of the Caribbean south of 20 degrees north latitude; and in Hawaii and areas near ITU Region 3, including Alaska.

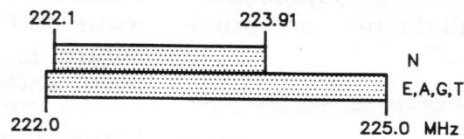
## 6 METERS



## 2 METERS

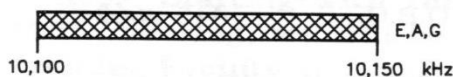


## 1.25 METERS



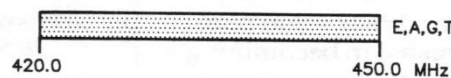
Novices are limited to 25 watts PEP output from 222.1 to 223.91 MHz.

## 30 METERS

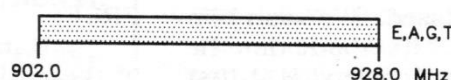


Maximum power on 30 meters is 200 watts PEP output. Amateurs must avoid interference to the fixed service outside the US.

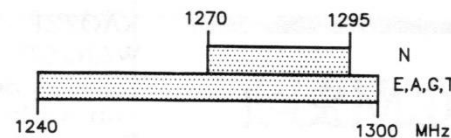
## 70 CENTIMETERS\*\*



## 33 CENTIMETERS\*\*

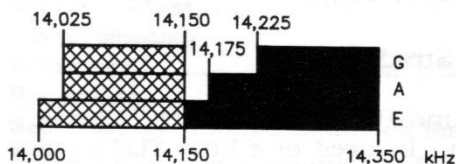


## 23 CENTIMETERS\*\*

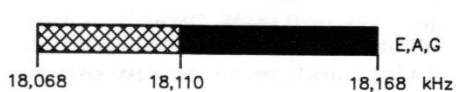


Novices are limited to 5 watts PEP output from 1270 to 1295 MHz.

## 20 METERS



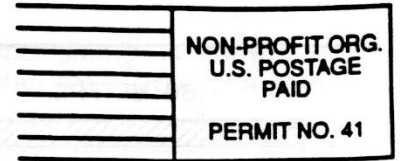
## 17 METERS





## Central Missouri Radio Association

P.O. Box 283, Columbia, Missouri 65205



\*\*\*\* Support C.M.R.A. \*\*\*\*

Jesse Bowen WM0Y  
1915 Blue Ridge Rd.  
Columbia, MO 65202

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### More Thoughts...

Ray Bradbury said, "If we listened to our intellect, we'd never have a love affair. We'd never have a friendship. We'd never go into business, because we'd be cynical. Well, that's nonsense. You've got to jump off cliffs all the time and build your wings on the way down."

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### Central Missouri Radio Net

Eric, NØZOZ, reports that he will no longer be able to act as net control. His schedule is too busy with school, interviews, and relocation planning these days. Anyone interested in becoming one of the net control ops should plan on attending the February 14, 1995 club meeting.

Our thanks go to Eric for his efforts as the net control and he will be missed. We wish him much luck in his future (and its about time he became a productive member of society! HA! Just kidding, Eric!).

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## Support CMRA!

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### Classified Ads

NØNMC - Perry Ogletree  
For Sale:

ICOM IC-245 Multi-mode 2 meter transceiver. USB, CW, and FM. Dual VFOs and 15 watts PEP output. With ICOM RM-2 remote control for DTMF, scanning and memory channels. \$300.00 O.B.O. 445-2662

NØNMB - Bill Stroud  
For Sale:

Tempo One HF SSB/CW transceiver. 80 to 10 meter coverage (no WARC bands), tube type design with 120+ watts output. With power supply and speaker. \$175.00 O.B.O.

26 feet (3 sections) 25G tower, \$ 50 per section. (314)387-4878

KAØKQL - Todd Stradford  
FREE:

Hammerlund HQ-145X receiver. Classic of the early '60s. In need of a little TLC to be functional again. If you like to tinker, call: 443-4175

KAØZZF - Don or NØWYF - Bob Bosma  
WANTED:

A Serial Interface or modem (working or non-working) for a Commodore 4+ or any other Commodore.