

THE YAVAPAI SIGNAL

THE YAVAPAI AMATEUR RADIO CLUB
PRESCOTT, ARIZONA **DM-34**
VOL 12 - No. 4 **APRIL, 2002**

WELCOME TO THE YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated club. The club participates in many activities in the tri-city area including providing communications for local events, emergency communications, volunteer exams, and promotion of the hobby throughout the community. Membership in the YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00/yr. The YARC meets at 7:00 PM local time on the 3rd Thursday of every month at the Granite Mountain Middle School, 1800 Williamson Valley Rd. in Prescott. It is about 1/2 mile north of Iron Springs Rd and all amateurs and non-amateurs as well are invited. Programs of interest are included as part of the meeting. The weekly NET is held every Wednesday at 7:00 PM local time on the 146.880-repeater. All amateurs are invited to participate and visitors are always welcome. The Yavapai County ARES/RACES NET is held on Monday nights approximately at 6:45PM local time on the 147.220+ repeater on Mingus Mtn.



Club Repeater
The local 146.880- MHz repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek Rd and requires a PL of 100.0 Hz. If you hear a 1400 Hz pulsing tone, the repeater is on backup battery power and usage should be limited to necessary communications. The 147.040+ (100.0 PL) repeater is back up and running in Prescott Heights. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.



YARC OFFICERS for 2002

President John Wilson-KM6BF km6bf@cableone.net	Vice President Frank Homeff-WA6JBV
Secretary Bob Tilman-K7CJW k7cjlw@webtv.net	Treasurer David Passell-K6UWV davidrex@northlink.com

YARC BOARD OF DIRECTORS includes Club Officers

Immediate Past President
Dale Leslie-N7XFD daljerles@webtv.net
Lloyd Halgunseth-WA6ZZJ wa6zzj@cableone.net
Dick Hughes-W6CCD rhughes@cableone.net
Bob Smith-WB6ODR Irsmith@cableone.net

WEEKLY NET CONTROL - Dale Leslie-N7XFD
NEWSLETTER EDITOR - John Wilson-KM6BF



FROM YOUR PRESIDENT

The March meeting was another success. Attendance is up and participation is increasing. I am pleased with the input members are giving and encourage all of you to continue to do so. To all of the various committee members, thank you for all you do for the club! Our meeting program schedule is coming along and here's what is in store for the next few months:

- May 16-** GPS/APRS Fred Zimmermann-N7PJN and others will enlighten us on these subjects.
- June 20-** Joint meeting with VVARA. IRLP Discussion. Last minute preparations for Field Day, June 22-23, 2002. (The 4th full weekend in June)
- July 25 -** The ARRL's AZ Section Manager Cliff Huser-KD6XH and ARRL "RFI Guru" Ed Hare-W1RFI will attend and enlighten us on happenings, not only with the ARRL and AZ, but interference as well. (NOTE: This meeting has been re-scheduled to the 4th Thursday since Cliff and Ed will be at the Ft. Tuthill Hamfest that weekend)
- August 15 -** Project Night. We will "attempt" to build something and hope it works. Any suggestions?

Several suggestions were given for future programs and we will do our best to accommodate them. If you would like to give a program at one of our meetings, please let us know and we will schedule you as time permits. Remember to keep sending me your QSL cards and a short story about them for future newsletters. If you can't call and e-mail, then send me the card and I will do it for you.

Remember, there's always room in the newsletter for your stories and contributions as well. Keep 'em comin! 73!

John Wilson-KM6BF
YARC President



YARC HIGHLIGHT

**ELKHORN VALLEY AMATEUR RADIO CLUB
NORFOLK, NEBRASKA**

EVARC History Page

Elkhorn Valley Amateur Radio Club (EVARC) was started in 1977. We are an ARRL affiliated Special Service Club located in Norfolk, Nebraska. Serving the Northeast Nebraska area we operate two repeaters. Our two meter repeater operates on 146.73- (callsign WØOFK) and is located on a 400 ft tower east of town. We also have a 70 cm repeater that operates on 444.250+ (callsign WA6BRE) Some of the things we are involved are Weather Spotting, providing communication assistance to the local chapter of the American Red Cross, providing emergency communication assistance to the city, as well as sponsoring VE test sessions. Weekly nets on the 146.73- repeater are every Monday night at 9:00 pm local time. Please feel free to check in. Membership dues are: \$20 for FULL membership, \$30 for FAMILY, \$15, for ASSOCIATE, and \$10 for STUDENT. Full and Family membership plans include voting privileges and repeater autopatch access. For more information about EVARC's history visit our history page.

The Elkhorn Valley Amateur Radio Club (EVARC) was started in 1977 originally under the sponsorship of Northeast Community College. The focus was on Amateur Radio general interest, much as it is today. Monthly meetings were held. Other activities included tours, repeater feasibility studies, and volunteer communications. A "Talk to Santa" program was conducted for kids hospitalized at Christmas time. Over the next few years the club grew in numbers and its activities increased.

In 1978 EVARC sponsored a demonstration at the Home Show and began conducting license classes.

February 1978: WBØPGT Larry Anderson and WBØUPJ Doug Zastrow put s repeater on the air at Carrol, Nebraska on the KXNE Tower. Privately owned at this time, it was open to everyone and used for emergency communications.

In 1979 volunteer activities included working with the American Red Cross (ARC) and local Civil Defense (CD) office.

1984 saw the repeater being moved to its present site at the WOWT tower east of Norfolk. Norfolk Area Repeater Association (NARA) was formed too take over owner ship of the repeater from WBØPGT and WBØUPJ.

In 1987 EVARC and NARA merged into to one organization. Many predicted it would fail but despite a rocky start it flourished. EVARC now has control of the 146.73 - repeater (nicknamed the 73 machine).

A RC-85 controller was purchased for the repeater in 1991 adding linking capability to the repeater.

1993 saw the first Amateur Radio Convention in Norfolk which was quite well received. One has been held every year since. In 1995 we received an award from the Madison County Tourism and Convention Bureau for the convention.

In 1986 the club made several improvement to the repeater site including replacing the Antenna and coax. The decision was made to move the antenna from 350 ft to the top of the tower. Permission was obtained from WOWT and the antenna moved to the top of the tower at 400 ft.

Summer of 1999: the club is informed of the sale of WOWT's tower and given short notice to remove our equipment from it. Another tower site was quickly located and arrangements made for us to have space on it. The repeater and antennas are relocated to the new site and are put into operation with the repeater antenna at 310ft.

Today the club continues on with its tradition of providing volunteer communications, license classes, emergency communications and severe weather spotting. The Northeast Community College continues to be involved with the club, especially by allowing us to use their campus for our conventions. Our membership is around 45 members and the club now owns the repeater. Meetings are still held monthly and a weekly nets are conducted.

Our next meeting will be held on April 13, 2002 at the Norfolk Country Inn's Bailey's Bistro located on 13th street just north of Omaha Ave. Meeting time is 0830. Visitors are always welcome. Also don't forget the Convention is this coming weekend the 22 & 23 of March. Make a point to come.



UPCOMING EVENTS OF INTEREST

- ▶ April 27-28, 2002-Nebraska QSO Party
- ▶ May 4, 2002 – Cochise ARA Hamfest, Sierra Vista, AZ
- ▶ May 11, 2002-VE Testing Masonic Lodge, Prescott
- ▶ May 16, 2002-Next YARC Meeting
- ▶ May 25-26, 2002-CQ WPX CW Contest
- ▶ June 8-10, 2002-ARRL VHF QSO Party
- → → **June 22-23 FIELD DAY** ← ← ←



Eligibility: Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations. DX stations may be contacted for credit, but are not eligible to compete.

Object: To work as many stations as possible on any and all amateur bands (excluding the 30, 17 and 12-meter bands) and in doing so to learn to operate in abnormal situations in less than optimal conditions. A premium is placed on developing skills to meet the challenges of emergency preparedness as well as to acquaint the general public with the capabilities of Amateur Radio.



July 26, 27, 28, 2002-Ft. Tuthill Hamfest, Flagstaff

More detailed information on Contests and Special Events can be found in most amateur publications such as QST, Worldradio, and others.



APRIL MEETING



Yavapai Amateur Radio Club meeting: 3-21-02
 Meeting called to order at 1901 by President Wilson.
 Minutes from Feb. meeting read and Approved.
 Treasure report \$1579.68 on hand. Approved.
 Old Business:
 Some name tags on hand and you can still order new ones.
 Report on the Library display during February.
 Many comments were made.
 New Business:
 Bob Laxton had passed away recently. A motion by Bob, K7KOY to donate \$100 in Bob's name to the American Red Cross Cancer society. Sec by another Bob. Approved.
 Lee: Whisky Row Marathon is set for May 4th. We need 18 to 20 workers, most to be in place by 5:30am. We will use 146.88 repeater.
 Lee: Car show at Lamb Chevrolet on March 30.
 April 25th. Wildland Urban Interface Commission will have a meeting on fire prevention. 5pm.
 Rex: Talk about the Scottsdale Hamfest. Reported on the repeater Association meeting and balloon lunch carrying ham radios.
 Fort Tuthill Hamfest, July 26-27-28. \$1. Admission is required by the County.
 Fred: Talked about taking a handheld radio on a hike.
 Break at 1950. Back at 2001.

50/50 raffle total \$32. won by Tom Gregory..
 Program: Dave W9KRQ. He talked about Handi-hams. They are sponsored by the Courage Center and others. Meeting adjourned at 2031

Respectfully submitted,

Robert Tilman-K7CJW
 YARC Secretary



SPEAKERS WANTED! Want to make a presentation to the club? Got a favorite subject or experience you would like to share? If you do, we'd like to hear from you! Programs of interest are always needed for club meetings. Share your knowledge or experience with the rest of the club at our meetings. Contact Lee Cunningham, KC7CBK for more information.

THE NEWSLETTER!

If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your suggestions, comments, stories, personal experiences, or other items related to the hobby.
 Send e-mail to: km6bf@cableone.net



FROM THE MAILBOX



From Kris-KC7UNK...

Dear Family and Friends,
 I would like to inform all of you of the best news of my life so far... I have been hired as an Airline Pilot at Boston-Maine Airways (www.bmairways.com), a Pan Am affiliate. I was called in for a second interview for today, Friday the 22nd. My first interview was last August.

I start training at 8 AM on Monday, April 8th in Portsmouth, NH. This gives me two weeks to quit my current job and plan on a move to a location within 90 driving minutes of Portsmouth.... which means I can live in Maine, Mass, or Vermont. I will update everyone when I complete the final move. Starting April 8th, I will be hard to get hold of. Training will require 100% of my waking moments. But I will still have e-mail and a phone number to leave messages.

Thank all of you for your continuous support and faith and prayers!!



Kris-KC7UNK

WE WANT YOU! Membership in the Yavapai Amateur Radio Club is \$20.00 for 1 year. Newsletters will be mailed only to those members not attending a meeting and current on dues. Those in arrears 3 months will be dropped from the membership list. Dues can be mailed to the club PO Box or given to the club treasurer at any meeting.



FROM THE WAY PAST-PRESIDENT K7KOL (Bob Kane)

Bob is taking the month off to rest his thinking cap, and get his inkwell refilled. Enjoy the lobster, Bob!

Here's some "filler" to occupy Bo's space this month.

Read on →

Residual Noise Pollution in Modern Phase-Locked Loop Receivers

THE PROBLEM

Do you feel that the bands are much noisier than they used to be? Do you often turn on your rig and call a station time and time again only to get no reply? Well, the problem may be residual noise pollution. When you turn your rig off, some of the signals you have been copying become trapped inside the phase-locked loop of your receiver and are unable to escape. One sure sign that you are suffering from RNP is when you turn your rig on after a few days and hear the same station that you heard calling CQ immediately before you last switched off. These rogue signals accumulate and will remain inside the rig unless steps are taken to flush them out.

THE CURE

The cure for RNP is fairly basic but the author can obviously take no responsibility for clean-ups that go wrong. Remember, there is no compulsion to try this. This system works very well for an IC-706 and also an IC-735 but some problems may occur when flushing out stubborn signals from older, valved rigs.

STAGE ONE

Remove all external appendages from the rig. This means all knobs, buttons, connectors etc. Don't forget to disconnect from the power supply first!

STAGE TWO

Peer inside the case. If any obvious blockages can be spotted, remove them with a bent paper-clip or with a piece of gum stuck to the end of a pencil. Quite often no problem will be obvious. This is because the rogue signals are, to use a technical term, skulking.

STAGE THREE

Place rig carefully into a washing machine (a clothes washer). Experience has shown that the best results are obtained with a short biological pre-wash, a synthetics wash, a warm rinse and a fairly long spin. Do not use fabric conditioner. If in any doubt at all refer to the washing instructions at the back of the manual for your rig. If you have no washing instructions play safe and wash on a delicate fabric setting.

You may find that the rig will dent the inside of the wash-drum during the spin but don't let the noise deter you. The end result will be worth it.

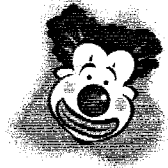
STAGE FOUR

Obviously when dealing with electrical appliances it is essential that they are absolutely dry before switch on, so it is now time to tumble-dry the rig. A warm dry for about an hour should do the trick. Remove the rig and carefully check underneath any surface-mounted devices to make sure there is no residual moisture. To be absolutely sure shake the rig vigorously for a few seconds and listen for sounds of water slopping around.

If some minor discolouration of the outside casing can be tolerated, the rig may be dried out on top of a slow barbecue.

NOW - THE RESULTS!

Replace all knobs, buttons and connectors. Reconnect to power supply. Switch on. You will be amazed at the difference! No noise! You have cured Residual Noise Pollution. Your DX-ing will never be the same again!!



(After all, this is April)



FROM THE "I can't believe I heard it on amateur radio" files:

"My signal must be better because the rain washed all the dirt off my antenna!"

"If you go to a foreign country and work someone, does that count as DX?"

"No more tests for me. I've settled in with my entry-level license!"

"Something must be wrong, nobody called me on the repeater yesterday!"

"When your radio switches from receive to transmit it's like reverse polarity!"

"Antenna restrictions won't stop me! I'll just say they're lightning arrestors!"

"I need to move to a higher location where I can really shoot out a signal!"

"There's so much more to do on ham radio in the summer."

"How come there's never been a sitcom about ham radio?"

"I just can't grasp this concept of connecting your radio to the computer."



ARRL MEMBERSHIP APPLICATIONS

The ARRL no longer allows clubs a portion on renewals. However, a new program effective October 1, 2001 allows clubs to keep a larger portion of **NEW** ARRL applications. If you are not a member of the ARRL, join now through the club. Submit your application to me or at any meeting. Remember to include the envelope too. It will save us a few cents on postage. Thanks. David Passell-K6UWV-Treasurer.



OTHER NEWS OF INTEREST

From Pen Brown, KJ7KL - Senior Communications
Correspondent and News Analyst

New Mexico, West Virginia are latest PRB-1 states

New Mexico and West Virginia have become the 14th and 15th states to adopt Amateur Radio antenna bills based on the limited federal preemption known as PRB-1.

In New Mexico Gov Gary Johnson signed House Bill 314 on March 5 after it easily passed both houses of the legislature during a short session that typically only deals with appropriations bills. In West Virginia Gov Bob Wise signed House Bill 4335 into law March 7. Acting with uncharacteristic speed, the West Virginia Legislature okayed the measure less than 30 days after it was introduced. West Virginia ARRL Section Manager Hal Turley, KC8FS, said Gov Wise—whose late father was WA8AYP—also proclaimed March 7 as "Amateur Radio Operators Appreciation Day."

New Mexico's bill, the Emergency Communication Preservation Act, stipulates that municipal or county ordinances regulating Amateur Radio antennas "shall not obstruct or preclude amateur radio service communications" and "shall reasonably accommodate amateur radio service communications."

The bill further provides that antenna structures "may be erected at heights and dimensions sufficient to accommodate amateur radio service communications," but it does not include a minimum regulatory height schedule. It also exempts Amateur Radio "antenna towers" constructed prior to the effective date from subsequent zoning regulation changes.

Municipalities or counties in New Mexico will still be able to require Amateur Radio antennas or support structures to meet screening, setback and placement, construction and health and safety standards. Such regulation "must be the minimum practicable regulation to accomplish the local municipality's or county's purpose," however.

New Mexico ARRL Section Manager Joe Knight, W5PDY, gave Mike Stuart, AC5ZO, an ARRL member from Corrales, much of the credit for getting the New Mexico bill through the legislature.

The West Virginia measure also incorporates language very similar to that of PRB-1 into two articles of the Code of West Virginia. Under the bill, any county or municipal ordinance or order concerning the regulation or placement of Amateur Radio antennas would have to comply with all FCC regulations, rulings and orders; "reasonably accommodate" Amateur Radio communications; and represent "the minimum practicable regulation."

West Virginia's bill would not prevent a county commission or municipality from taking action to protect or preserve historic

buildings, structures, sites and districts established by federal, state or local law.

Turley credited "the tireless efforts" of Kanawha County House of Delegates member Sharon Spencer, KC8KVF—an ARRL member from Charleston—for helping to get the bill through the legislature as well as for her "dedication and commitment" to Amateur Radio.

An Amateur Radio antenna bill awaits the governor's signature in Wisconsin, a PRB-1 bill recently was introduced in Tennessee and similar measures have been proposed for introduction in other states. *More information on antenna regulation is available on the ARRL Antenna Restrictions Web page, <http://www.arrl.org/FandES/field/regulations/antenna-restrictions.html>*



The Hunt for the Open Mike By Murray Green, K3BEQ March 22, 2002

An unidentified transmission blocked the Maryland repeater. An out-of-town truck parked in a residential area gave up its secret when local hams arrived on the scene.

It never ceases to amaze me how rapidly members—and certain non-members—of the Green Mountain Repeater Association (Maryland) respond to problems affecting their repeaters. Over the past few years we have had our share of interference caused by faulty pager systems and other commercial transmitters. These were quickly isolated and corrected through a coordinated effort among amateurs and the commercial sector. On November 25, 2001, we added another success story to the GMRA record book.

Sometime between 1 and 4 PM a continuous signal timed out the 146.880 MHz repeater. The signal contained no audio although a tapping noise could be heard in the background—definitely an open microphone. At first, the tapping sounded like someone typing on a computer keyboard. We assumed the open-mike transmitter was in someone's radio shack. However, I received a call from George Stephens, W3GRS, who resides in Silver Spring, Maryland, saying that he could hear the input signal full-quieting on his H-T. He noted that it was raining heavily at his residence and the rain coincided with the tapping noise heard through the open mike. The microphone therefore was suspected to be in a parked vehicle in close proximity to his location. A reasonable deduction eh, Watson?

GMRA President Paul Freirich, W3HFA, displays the Yagi he used to track down the troublesome transmitter. [Photos by the author]

We sent e-mails to the membership and made several announcements on the association's sister repeater (146.610 MHz) and on simplex—146.880 MHz. GMRA President Paul Freirich, W3HFA, took the initiative, jumped into his car—despite the inclement weather—and took off toward the general area of the interference. Scott Stimpfle, KB3GJW, and Ron Montgomery, KC4QCE, quickly followed.

Using H-Ts, mobile units and an attenuator, they were also able to detect strong signals in the Aspen Hill, Maryland area, near Silver Spring. Despite driving up and down streets they could not isolate the transmitter, but they were close. The search continued. Paul drove back to his home to retrieve a small direction finding VHF beam. Shortly thereafter, Scott, KB3GJW, came across a parked truck →

near Bluehill Street and Janet Road in the Aspen Hill area. The truck had out-of-state Amateur Radio call sign plates. Fortunately, it was parked in front of a residence. Although Scott didn't realize it, he had hit pay dirt.

Walking up to the residence, he met the truck's owner who was visiting for the holidays. Accompanying Scott to the vehicle, the owner found the mobile unit on and the microphone jammed between the seats with the push-to-talk button pressed to the ON position. Listening to the input signal I could actually hear them opening the truck doors and talking as they turned off the transmitter. The input signal disappeared and the repeater returned back to service. It was 9:45 PM.

The guilty culprit. Open mikes can be a problem to repeaters and may overheat the errant transmitter.

The unidentified transmission was not intentional but it did cause a repeater to be shut down for many hours—an inherent flaw in amateur repeater systems, in my opinion. It inconvenienced half a dozen other hams who took it upon themselves to find the transmitter. A special acknowledgement to Scott, KB3GJW, who found the vehicle, and a big thanks to all for that extra special effort that is indicative of the professionalism and determination of GMRA members and the Amateur Radio Service. Also assisting in the effort from their homes were Hernan Hidalgo, N3OKP; Joe Nunemaker, KD3VR; John Creel, WB3GXW; Carey T. David, K3GXF and the author.

On the evening of November 26 the out-of-state ham came on the 146.880 MHz repeater to apologize for the open microphone. It takes a big man to admit his mistake. In retrospect, we all learned something from the experience.

Murray Green, K3BEQ, recently celebrated 50 years as a ham. He has written several columns and feature articles for QST. Murray is one of five founders of The Green Mountain Repeater Association that maintains and operates the 146.610 MHz and 146.880 MHz repeaters serving the Washington, DC metropolitan area. He resides in Cheverly, Maryland and can be contacted at k3beq@arrl.net.



ARES/RACES NEWS



Participation -- Training -- Commitment

In reading some of the Amateur Radio reports on the 9-11, 2001 tragedy in New York it becomes clear that training and commitment are very important for personnel participating in ARES and RACES. To quote a part of one article, "We're very fortunate to have so many hams in our section who have a tremendous amount of expertise and have demonstrated such a high level of dedication and professionalism. Their investment of time participating in public service events, local and section-level nets, SET's, and other training activities have really paid off."

Now we hope there is never a disaster anywhere near that magnitude

in our area, but we do have a real and present danger and that is the chance of a wild land fire. The threat is even more real this year with the lack of moisture and very dry conditions that exist today in and around our mountain areas. Reports I've heard call this the driest season on record. There hasn't been a major wild land fire in the Prescott area since the early 90's, but it can happen at any time. It is only due to the quick and capable response of our local Fire Departments that there has not been a large fire so far this year.

To help us prepare for a possible response there is a Fire Evacuation Exercise scheduled for Friday, May 3, 2002. We will once again be working with the Jeep Posse and the Prescott Unified School District buses much like we did on the last exercise except this time we will actually be evacuating 400 to 500 children and taking them to staging areas. The County EOC will be activated along with our CommVan and the Sheriffs Mobil Command Post. So mark the date on your calendars and more information will be forthcoming on the ARES/RACES and YARC Nets. If you do not regularly check into these nets please take a few minutes of your time each week and do so. The days and times are listed in the newsletter.

Remember to keep your batteries charged, your 'go-kit' packed and your vehicle gas tank full. If you are aware that an emergency may be happening tune to the 147.260, 147.220 or the 146.880 repeaters and monitor for information or possible activation.

On Public Service Communications

The Whiskey Row Marathon is our next YARC Public Service Communications event. It will be held on Saturday, May 4, 2002 and is an early morning event with some stations beginning as early as 5:15 a.m. and one or two at 3:00 a.m. If you have not signed up to participate in this event please contact Lee, KC7CBK, and get your name on the list. Our communications support on this event is so valuable to the YMCA that the Yavapai Amateur Radio Club is listed on the Race Banner as a sponsor.

The next event will be the Frontier Days Parade on Saturday, June 29, 2002. We will have units in the Parade and will be providing Public Safety Communications. Please contact Lee, KC7CBK, if you would like to either participate in the Parade or to assist with providing the communications.

Providing Public Service Communications is an excellent way to sharpen and fine tune our emergency response capabilities. Plan to take part.

The Yavapai County ARES/RACES Nets are held Monday evenings at 1845 hours on the 147.220 VVARA Mingus Mountain repeater. The 147.260 Mt. Union Net is held immediately following the 147.220 Net at approximately 1900 hours. Future plans call for linking these two repeaters for emergency and Monday net use. Once we have the repeater link system in place both nets will be combined to begin at 1845 hrs.

73, Lloyd Halgunseth WA6ZZJ
Yavapai County ARES/RACES DEC/Radio Officer
(520) 717-2706 wa6zzj@cableone.net

FOR SALE-My wife bought me a new rig for my birthday in December, so I now have the following for sale:
 1 Kenwood TS-120S HF rig (80-10) with noise canceling mike and mobile mount, AT-120 antenna tuner with mobile mount, PC-1 phone patch controller. All in good condition. Power supply not included. \$400 or make me an offer.

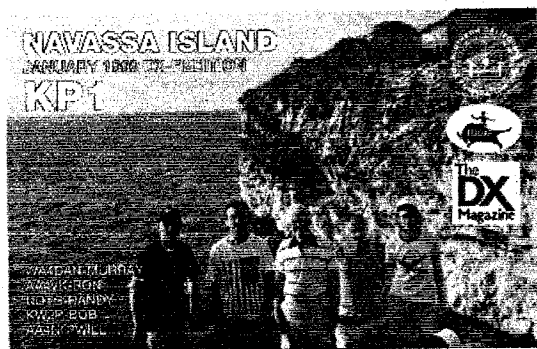
1 Kenwood TM-2550A 2 meter rig with mike and mobile mount. 45 w. Good condition. \$100 or make me an offer.
 Bob Ower, WA7YUL 776-8359 or wa7yul@arrl.net



FOR SALE-MOSLEY Tri-Band beam, Ham-4 Rotator, both mint condition, seldom used. Asking \$425. They are packed and ready to go 445-2999 AB7SK

QSL CARD'S WANTED!

Here's a couple of Caribbean QSL's that are fairly rare. Fortunately, we have Dxpeditions that allow is to work these locations. These are #15 and #21 on the DXCC most wanted list! John-KM6BF



Navassa Island is a small island located between Haiti, Cuba, and Jamaica. This uninhabited island was claimed by the US in 1857 for its guano, and mining took place between 1865 and 1898. The lighthouse, built in 1917, was shut down in 1996 and administration of Navassa Island transferred from the Coast Guard to the Department of the Interior. A 1998 scientific expedition to the island described it as a unique preserve of Caribbean biodiversity; the following year it became a National Wildlife Refuge.



Desecheo Island is located off the west coast of Puerto Rico, some 45 minutes by boat from Mayaguez. The island is uninhabited, except for a herd of wild goats.

Remember, if you have a favorite QSL card that you would like to share, send it to me with a short story about it. If I don't get any, I'll continue boring you with mine! Ed.

ARRL VEC



Volunteer Examiner Testing



The tentative remaining schedule for testing in 2002 will be (all Saturdays) 5/11, 8/10, and 11/09 at 10:00AM. The new location will be at the Masonic Lodge on Willow Creek Rd (by K-Mart). Additional sessions may be held as needed. All those attending for tests must have **ORIGINAL** license and a copy, **ORIGINAL** CSCE's and 1 photo ID. (VE's-remember to bring and wear your VE - ID Badge!)

Special test sessions may be accommodated according to demands, as needed. The test fee for 2002 remains at \$10.00. Further information can be obtained by contacting John Wilson-KM6BF at 636-1228 or Dave Rutledge-W9KRQ at 541-1225.

YOUR LOCAL PRESCOTT AREA VE's

- | | | | |
|-------|----------------|--------|---------------|
| AB7KE | Joan Tremper | AB7KF | Bob Nichols |
| AB7VH | Ruth Enabnit | K7KOL | Bob Kane |
| K7NGK | Don Broadston | KC7AGL | Don Muller |
| AB7SK | Sasha LeGendre | KK7JH | Billy Peters |
| KG7OL | David Miller | KI7EB | Bill Thrift |
| KJ7KL | Pen Brown | N6LIK | Bob Hoffa |
| KM6BF | John Wilson | W2YAV | Bill Kafka |
| W7DC | Bob Harkey | W6CCD | Dick Hughes |
| W6HDP | Bill Jackson | W9KRQ | Dave Rutledge |

WB6ODR Bob Smith

AREA REPEATERS

FREQ	PL	Location	Notes
52.560-	100.0	Mt. Union	CARS (-500Khz)
53.040-	C/S	Prescott Airport	-1 Mhz
145.350-	C/S	Wildflower Mtn.	DAWN
145.370	C/S	Towers Mtn.	MMRG
146.780-	91.5	Bill Williams Mtn.	BWARC
146.880-	100.0	Prescott	YARC
146.980-	100.0	Flagstaff-Elden	CARC
147.000+	100.0/162.2	Mingus Mtn.	MMRG
147.040+	100.0	Prescott Heights	W2YAV
147.140+	162.2	Flagstaff-Elden	ARA Link to Ord
147.220+	162.2	Mingus Mtn.	VVARA
147.260+	103.5	Mt. Union	YC EmergSvcs
223.960-	127.3	Chino Valley	NW7AZ
442.150+	100.0	Mingus Mtn.	Northlink
442.350+	100.0	Glassford Hill	
448.475-	100.0	Flagstaff-Elden	ARA
448.500-	100.0	Prescott	KB6TWC
448.875-	100.0	Flagstaff-Elden	Northlink
449.175-	100.0	Towers Mtn	Northlink
		PACKET	
145.690		Davis-K7HS-7	DX Packet Node
145.010		Elden-W7MOT-8	Packet Node
145.010		Union-KB7FRV-1	Packet Node
145.710		Union-KB7FRV-2	Packet Node
145.010		PRCBBS-KB7FRV	Packet BBS
145.710			

ADDITIONS, DELETIONS AND CORRECTIONS APPRECIATED



WEEKLY INFORMATION NET - WEDNESDAY NIGHTS @ 7:00 PM
 146.880- (100.0 PL) IF YOU DON'T HAVE PL, TRANSMIT ON
 146.880 SIMPLEX WHEN THE REPEATER DROPS OUT. ALL
 AMATEURS WELCOME.

**MONTHLY MEETING - 3rd THURSDAY @ GRANITE MTN MIDDLE
 SCHOOL 7:00PM (N 34° 34' 22.6" W 112° 29' 45.1")**

NEXT MEETING THURS, MAY 16, 2002 @ 7:00pm



Wednesday Morning Breakfast-Iron Horse Café, S. Hwy
 89 in Chino Valley (N 34° 43' 56.5" W 112° 27' 15.4"). 7:00AM.
 Informal-All are invited.

Thursday Morning Breakfast-Michael's Restaurant in the Safeway
 Shopping Center, Hwy 69 Prescott Valley. 7:00am. (N 34° 35' 13.3" W
 112° 19' 44.6") All are invited.

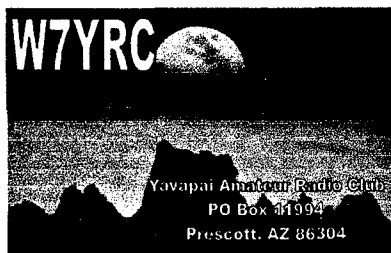
Location data provided by Fred Zimmermann-N7PJN, per WSG84 Datum

SOME CARTOONS COURTESY OF WORLD RADIO MAGAZINE

**YAVAPAI AMATEUR RADIO CLUB
 PO BOX 11994
 PRESCOTT, AZ 86304**

Visit us on the web at: <http://www.w7yrc.org>

Many thanks to Bob Smith-WB6ODR, our Webmaster!



AMATEUR RADIO COUNCIL OF ARIZONA
FORT TUTTILL
HAMFEST
AZ STATE CONVENTION
JULY 26, 27, 28, 2002

GATES OPEN AT 6 PM THURSDAY 9:25 FOR CAMPING/SET-UP ONLY

<p>HAMFEST HOURS: Friday & Saturday - Dawn to Dusk Sunday - Dawn to 2:00 p.m.</p>	<p>EXHIBIT HALL HOURS: Friday - 12:00 p.m. - 5:00 p.m. Saturday - 9:00 a.m. - 5:00 p.m. Sunday - 9:00 a.m. - 2:00 p.m.</p>
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ADMISSION: \$1.00 per person

<p>MAIN PRIZES Grand Prize - ICOM IC-746 HF/VHF Transceiver Second Prize - YAesu FT-817 QRP Transceiver Third Prize - MFJ-269 Antenna Analyzer Early Bird - KENWOOD TH-F6A Tri-Band HT</p> <p>EARLY BIRD DRAWING WILL BE HELD FRIDAY AT 1 P.M.</p> <p>DOOR PRIZES EVERY HOUR RAFFLE TICKETS \$2.00 Each, 3 for \$5.00 or 60 for \$100.00</p> <p>Seminars - ARRL Forum - YL Refuge Tech Sessions - Star Party - Classes Major Manufacturers - Awards Near Space Repeater Luncheon - AMSAT ATV - Saturday Night Dinner Sunday Junque Sale - and More</p> <p>VE Exam: Saturday, July 27, 2002 Registration: 8:30 a.m. - 12:00 p.m. You MUST have original and one copy of your license and/or any applicable C.S.C.E. Photo I.D. required. WALK-INS ONLY. For exam information call: 602-881-ARCA (2722)</p>	<p>FOR RESERVATION INFORMATION</p> <p>NEW Web Site! Call 602-881-ARCA (2722) ARCA Web Site: www.arca-az.org/ARCA</p> <p>OR SEND LEGAL-SIZE S.A.S.E. TO:</p> <p> ARCA - Fort Tuttle Headed 16845 N. 29th Ave., #312 Phoenix, AZ 85053-3841</p> <p style="text-align: center;">BEFORE JUNE 1, 2002</p> <p>FORT TUTTILL IS LOCATED AT THE FLAGSTAFF AIRPORT EXIT 4337 3 MILES SOUTH OF I-40 ON I-17</p> <p>TALK - IN 146.980 - 100.000 PL 10.20.02</p> <p>NO FIREARMS, ALCOHOL OR DRUGS PERMITTED ON GROUNDS BY COUNTY REGULATION</p>
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