

THE YAVAPAI SIGNAL

THE YAVAPAI AMATEUR RADIO CLUB
PRESCOTT, ARIZONA **DM-34**
VOL 12 - No. 1 **JANUARY, 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. 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 k7ctw@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 brsmith@cableone.net

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

FROM YOUR PRESIDENT



It is with pleasure that I take the reigns of the club for 2002. One of the things I would like to do is visit other clubs, whenever I can. I also hope to be able to make it to more amateur activities, hamfests, etc. providing my work schedule allows it. ☺

For fun, let's look at a couple of words and their definitions:

Club: A group of people organized for a common purpose
Share: To participate in, use, or experience in common

Here's idea #1: Let's schedule a "BRING A FRIEND" night for one of our meetings. Every member would be encouraged to bring someone to the meeting-husband, wife, girlfriend, boyfriend, son, daughter, or maybe just your neighbor! The club could have a program and/or video on the benefits of amateur radio. This could be a great way to share our hobby with others.

#2. FIELD DAY. We need more participation in Field Day from members and non-members alike. What greater way to operate as a club on Field Day weekend. We have a club call sign. (W7YRC) Let's use it! We can even get Field Day T-Shirts and Pins for those who participate.

#3. PROJECT NIGHT. Let's schedule a meeting with a "hands-on" project that many can learn from. We can build an HF antenna, learn how to solder coax connectors on properly, or build a kit.

#4. TESTING NIGHT. Include an ARRL VE Test Session in one of the meetings.

These are just a few of the things radiating from my cerebral cavity for now. Let me know if you have any thoughts. I'm all ears!

John Wilson-KM6BF

YARC HIGHLIGHT

C.A.R.L.

W7ASC

WHAT IS C.A.R.L.?



C.A.R.L. is the Center for Amateur Radio Learning located within the new Arizona Science Center. Our goal is to expose the thousands of visitors who come through the Arizona Science Center each year to amateur radio.

The amateur radio station includes a Kenwood TS-790 which has been donated by Kenwood Communications, a Yaesu FT-990 donated by the West Valley Amateur Radio Club and we are using a \$5000.00 dollar grant from the ARRL Foundation to help fully equip the station. In our initial phase of operation we are operating HF, VHF/UHF, and packet radio. In the future we hope to employ as many modes of amateur radio operation as possible including Satellite communications and ATV.

C.A.R.L. is set in the environment of the Arizona Science Center, a facility dedicated to exposing children and adults to Science and Technology in a friendly "hands on" manner. Approximately 500,000 visitors are expected to pass through ASC each year, half of those being children. Technology has become an essential part of our society and exposing children to radio communications and electronics can lead to a life long interest in science. This is an opportunity not only to recruit new amateur radio operators, but also a project which can lead young people to a career in technology related fields.

In order to realize these objectives C.A.R.L. is actively seeking help from within the amateur radio community to keep the station staffed every day, 9-6 M-F, 10-6 Sat-Sun. We have two 4 hour shifts daily with breaks. Please volunteer your time to this important project. This is a great opportunity to expose amateur radio to a new generation and to keep amateur radio moving into the 21st century.

You can visit the W7ASC station daily from 10:00am - 5:00pm. Call 602-716-2000 for Arizona Science Center information.

For information regarding the W7ASC amateur radio station call 602-896-8813.

ARRL IN ACTION: WHAT HAVE WE BEEN UP TO LATELY?



By Dave Mello, W1DGM Web Editor-December 11, 2001

This feature is a periodic update on what the ARRL is doing on behalf of its members. This installment covers the month of November.

* The ARRL Web/Software Development Department has produced a new update to its viewer program--Aview. Users of ARRL's QEX, NCJ and Ham Radio Magazine CDs can now download AView 1.10 from ARRLWeb.

* QST will debut a new bimonthly column, Microwavelengths, in the January 2002 issue. The column editor is Tom Williams, WA1MBA.

* The ARRL Volunteer Examiner Coordinator Amateur Radio test fee will remain at \$10 for 2002.

* Requests for the new QRP DXCC Award, approved at the July 2001 Board of Directors meeting, will be accepted in January 2002.

* The ARRL DXCC Desk has received acceptable documentation for YA5T in Afghanistan and the 1999 XU7AAR (Cambodia) operation. Both entities are now approved for DXCC credit. Afghanistan is among the top 10 most wanted countries.

* Nominations close January 31 for ARRL awards that recognize excellence in teaching Amateur Radio classes, using Amateur Radio in the classroom, and recruiting others to Amateur Radio. Awards include: The ARRL Herb S. Brier Instructor of the Year, The ARRL Professional Educator of the Year, The ARRL Professional Instructor of the Year and The ARRL Excellence in Recruiting Award.

* ARRL reminded FCC that Loea Communications Corporation, in their Petition for Rule Making, failed to mention that the Amateur and Amateur-Satellite Services have primary access to the 75.5 to 76.0 GHz band--a so-called "legacy" allocation--until 2006. Loea seeks to establish Part 101 licensing and service rules for operation in that part of the spectrum.

* W1AW installed a new 40-meter bulletin transmitter and amplifier for code practice and bulletin transmission service. Almost 200 reports have been received in response to a W1AW bulletin requesting comments on the 40-meter signal. Most reports indicate a strong signal.

* The Level III Advanced Amateur Radio Emergency Communications Course (ARECC) is now available. Certification and Continuing Education Program Coordinator Dan Miller, K3UFG, reports that 2000 people have signed up for the AREC Courses since December 2000.

* ARRL Lab Supervisor Ed Hare, W1RFI, was appointed Secretary of Subcommittee 5--Immunity Measurements--of the IEEE C63 Standards Committee on Electromagnetic Compatibility. →

* ARRL Dakota Division Director Jay Bellows, K0QB, presented the (South Dakota) Lake Area Radio Klub with a 50-year Club Affiliation Certificate. LARK president Val Alwin, W0LPG, accepted the certificate on behalf of his club. (From the ARRL)



UPCOMING EVENTS OF INTEREST

- ▶ February 9, 2002 VE Testing-Prescott
 - ▶ February 11-15 School Club Roundup
 - ▶ February 14, 2002-GMMS Special Event Station, K7A-Sharlot Hall Museum-AZ Admissions Day 10A-4P
 - ▶ February 16-17 ARRL International DX Contest-CW
 - ▶ February 21, 2002 YARC Meeting 1900Hrs
 - ▶ March 2-3 ARRL International DX Contest-Phone
- → → **June 22-23 FIELD DAY** ← ← ←

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



DECEMBER MEETING

December 20, 2001

The meeting was called to order at 1902 by President Dale Leslie-N7XFD, followed by the Pledge of Allegiance. There were 23 members and visitors present. 1 visitor, John-KC5DKN was introduced.

The minutes of the November were approved as read by club secretary John Wilson-KM6BF. David Passell-K6UWV gave the treasurers report for 2 months. The General fund has \$408.29 and the repeater fund has \$851.50. The refreshment fund has \$158.67.

OLD BUSINESS

Bob Kane-K7KOL updated us on the library project for February. Several small projects for the display will be needed. Hal-N6OVE will make cards for the display.

The Special Event Station is on schedule for February 14 (AZ Admissions Day) at the Sharlot Hall Museum from 10A-4P.

Bob Smith-WB6ODR had some name badges for members.

NEW BUSINESS

Certificates of Appreciation were presented to the club officers for the work done this year for the club.

Bob-K7KOL made a motion for the club to purchase an antenna and mounting tripod for the school and portable activities. The motion passed.

A second motion was made to invite the ERAU students interested in amateur radio to become members of our club at no charge. Terry Pemberton-KB7TRE advised that we should also include students of Yavapai College. The motion passed.

The business portion of the meeting was adjourned at 1942

Following the refreshment break, the 50/50 raffle was won by Bill Kafka-W2YAV who donated \$10.00 of his \$13.00 winnings back to the clubs general fund.

There was no program for the evening. The meeting officially ended at 2115.

With no further business, the meeting was adjourned at 8:25PM.

Respectfully Submitted,

John A. Wilson, KM6BF
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

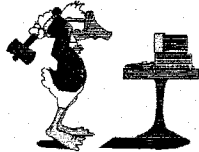


FROM THE MAILBOX

Sorry, no mail this month!



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.



SPEAKING OF MEMBERSHIP.....

You've all heard the horror stories about computers? Well, I have joined the ranks of the victims. After I bought a new computer in July, I had some problems moving a few files and a related compatibility problem. After I thought I got it all solved, something caused an entire folder to be deleted. To make things worse, my ZipDrive for backups failed. I have finally rebuilt the membership database, but I'm sure there are some errors, especially with the membership expiration dates. I urge all of you to "use the honor system" and check your membership expiration dates. Thanks.



FROM THE WAY PAST-PRESIDENT

Giving Bob a well-deserved break this month, I'll try to fill in for him, minus the good wit and slang!

**SALOME, WHERE SHE GOT NOISY!
(or, Don't Break Down on Hwy 60)**

We've all heard the stories about traveling mobile and not hearing much activity on simplex along the highways. I was hoping this would be the case!

The day after Christmas, I headed out for a day-late celebration with my family in California. I always take the same route out Iron Springs Rd., through Skull Valley and down Yamell Hill. Being the coffee lover that I am, I made a much-needed pit stop near Salmone. It was then, I heard a funny sound coming from my vehicle. I had problems in the past with the exhaust, but this was different. Opening the hood, the noise was coming from either the alternator or the water pump. Not a problem, I thought, there an auto parts store and repair facility just down the road a bit.

I stopped at the NAPA Auto Parts & Care Care Center on the west-side of Salome. A mechanic quickly confirmed my thoughts and diagnosed the problem with the water pump. Probably the bearing. A quick check of inventory and the right part was right there in his hands. 2 bays in the garage were empty. Not a problem, you think? Wrong!

It was 4:00PM and the mechanic said his "book" indicated it would take 1.8 hours to install the water pump, and they close at 5:00PM. I appealed to his good nature and the fact that I was "on the road", on my way to CA for a late Christmas, and there are no places to stay overnight in Salome! I even offered to pay whatever it would take to cover the mechanics overtime. No luck! No sympathy! No nothing!

I made the decision to continue my trip and risk the water pump either seizing up or detonating somewhere along the way. At least I'd be closer to Blythe and I did have 6m, 2m, 222, and 440 radios with me. I figured if I did break down completely, I could have called for help.

Everything held together and I got the pump replaced in California.

What helped me was the fact that I knew at least I was in range of several repeaters and that the amateur radio community would have assisted me if it had become necessary.

With this, I urge everyone to monitor the local repeater whenever they can and be ready to help someone who might be stranded or just needs directions.

John-KM6BF



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

"As luck would have it, the bands always open while I'm at work!"

"I paid good money for this radio and it didn't even come with a microphone!"

"The battery in my HT went dead so I used it in the charger and boy did it get hot!"

"Someone needs to make an HT that does SSB and then we can put up SSB repeaters!"

"The band's are dead. I'm going fishing!"
later... "The fish ain't biting. I'm going home and getting on the radio."

"Well, Santa brought me a new rig but he forgot to put up an antenna for it."

"If you have CC&R's, you can always beat them by operating mobile."

"The Internet will never replace an attitude on the air!"

"We need more spectrum, but no one wants to build radios for new bands."

"The owners manual has a few errors in it and it really screwed up my radio."

"Think nothing of what I say, just believe me!" (?)



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

RADIO DISASTER: MISSOURI TOWER FALLS

A 1,627-foot broadcast tower near Springfield, Missouri toppled to the ground Friday morning November 30th from the weight of a foot of ice from several days of freezing rain. According to a report from KYTV the 33-year-old tower collapsed on itself like an accordion.

No one was around and the damage was confined to the area around the transmitter building at the base of the tower. No engineers were in the transmitter building when the accident occurred.

KDEB television and KTXR-FM were the resident broadcasters on the tower, which was owned by American Tower of Boston. The total height included the 1,560-foot tower plus the antenna on top of it. The loss could cost American Tower or KDEB millions of dollars. (Listener reports via AR Newsline #1270 12/14/01)

NEW HAMPSHIRE ANTENNA DECISION UPHOLDS PRB-1



NEWINGTON, CT, Dec 31, 2001—A New Hampshire ham appears to have won a battle to erect an antenna support structure on his property. It remains to be seen, however, whether Jerry Muller, K0TV, of Hudson will be allowed to erect the extensive system of towers that he'd originally planned. In a 4-0 vote, with one justice abstaining, the Supreme Court of New Hampshire this week reversed a lower court ruling that ordered Muller, an ARRL Life Member, to dismantle the three towers he had erected on part of his semi-rural, six-acre residential tract.

Writing for the court in *Marchand v. Town of Hudson*, New Hampshire Chief Justice David A. Brock concluded that the lower court's order requiring Muller to dismantle his towers violated the limited federal preemption known as PRB-1 as well as New Hampshire's statutory codification of PRB-1. "In light of the FCC's clear directive, we agree that the superior court erred when it ordered the towers removed," Brock stated in a ruling issued December 31, 2001. The Supreme Court ruling vacates the dismantling order and sends the matter back to the town's zoning board of adjustment for consideration in light of PRB-1.

ARRL New England Division Vice Director and Volunteer Counsel Mike Raisbeck, K1TWF, represented Muller in written and oral arguments before the New Hampshire Supreme Court. ARRL General Counsel Chris Imlay, W3KD, also filed an amicus brief on ARRL's behalf. "Basically, we got a win on the PRB-1 side, and the case is going back

to the Hudson ZBA [Zoning Board of Adjustment] for further factfinding," Raisbeck said.

Unlike many amateur antenna battles, this case did not pit Muller against the town. In December 1998, Muller applied for a permit to erect three 100-foot antenna structures on his property, and the Town of Hudson granted the permit. Three of Muller's neighbors—Suzanne Marchand and Peter and Joanne Radziewicz—appealed the grant of the permit, but the Hudson ZBA affirmed the grant. Marchand and the Radziewiczes then sued the town and won, resulting in the order for Muller to dismantle that's now been vacated.

While Muller has won the right to get on the air in some capacity, he will still have to make a case for his proposed three-tower installation. Brock agreed with the lower court that Muller's three-tower installation did not qualify as a "customary, incidental and subordinate" accessory use permitted by Hudson's ordinance. While the record reflected that another amateur in Hudson has a tower at the same height, there are no instances of three such towers on the same property.

Raisbeck explained that New Hampshire's accessory use law is different from those in most other states. When determining whether a use of land is customary, incidental and subordinate, "the standard is local—does anyone in this town have three towers—rather than statewide, as in most other jurisdictions," Raisbeck explained.

Nevertheless, Brock said that Muller's installation may be permitted within the framework of PRB-1, if Muller can demonstrate that his three towers are necessary to "reasonably accommodate" his communications needs.

Brock said in the ruling that the zoning board should consider what steps must be taken to "reasonably accommodate" Muller's Amateur Radio communications. "In making this determination, the ZBA may consider whether the particular height and number of towers are necessary to accommodate the particular ham operator's communication objectives," he said.

Thirteen states have incorporated PRB-1 into their statutes. The full text of the New Hampshire Supreme Court decision is available on the Court's Web site.

ENFORCEMENT: FCC CANCELS CONVICTED HAMS LICENSE

The FCC has canceled the Amateur license of Kenneth P. Kelly, WT2FBI, of Greensboro North Carolina after Kelly failed to show up for a re-examination. But at the time of the FCC retest order Kelly was otherwise occupied. He was fighting criminal charges in relation to a jamming case in Ohio. We have this report:

On November 30, 2001, Kenneth Kelly, the ex-WT2FBI was sentenced to 5 years probation by the Judge H. J. Bressler in a Butler County Ohio court. He had previously been indicted on a 4 th degree felony charge of disrupting public service by his jamming and talking on the Middletown Ohio police radio system.

At his hearing, Kelly agreed to a plea bargain. He admitted his guilt to a reduced charge attempted disrupting public services. At the time →

the FCC pulled his ham radio ticket Kelly was being held in the Butler County Ohio Jail pending sentencing.

By way of background, a person later proven to be Kelly was first noticed on the Middletown police radio channel the third week of July 2001. Initially the police dispatch radio system was not recording him but that was soon remedied by city radio technicians. After several days of taping, it was observed that the voice on the police radio was similar to one heard on the local 2-meter Amateur frequencies.

Several members of the Dial Radio Club then assisted police by monitoring and taping Kelly on the 2-meter band. Tapes from 2 meters and from the police were then voice printed the aid of computers to check similarities. Dial club members also tried to direction find and locate the signal both on 2 meters and on the police channel.

Through some luck, detectives working with a metro housing police officer and discovered that Kelly was now living in their jurisdiction. After they interviewed him, they felt that he was the person interfering. As the investigation progressed, he admitted to detectives that he may have accidentally transmitted on their frequency by accident. He claimed that his signal may have been mixing with an FM broadcast station and another ham repeater.

But Police did not believe it was accidental, because he was taped trying to talk directly to the police dispatcher and the cars. Later Kelly did admit his guilt and entered into the plea bargain. Now sentence has been passed by both the local court and the FCC.

When he was finally caught Kelly had a Yaesu VX-5 hand held in his possession that had been modified to transmit out of band. The assistance of the Dial Radio Club members is credited with helping to solve this case.

Note: Information and documents from the case can be obtained from the Butler County Ohio Clerk's office or online at: <http://www.butlercountyclerk.org/> Click on Butler County Court Records Search. Then enter Kenneth Kelly. (FCC, Dial ARC, others)
(From the Amateur Radio Newsline #1273 1/04/02)



ARES/RACES NEWS



HAPPY NEW YEAR TO EVERYONE

With the New Year it is time to start thinking about our upcoming public service events. I will pass the dates along as soon as I get them confirmed. Along that line, here are a few hints to make your operating easier and help to provide good support to the agencies we communicate for. It has been in this column before, but it doesn't hurt to refresh our memories.....



10 Ways to Optimize Your Effectiveness in Public Service Events

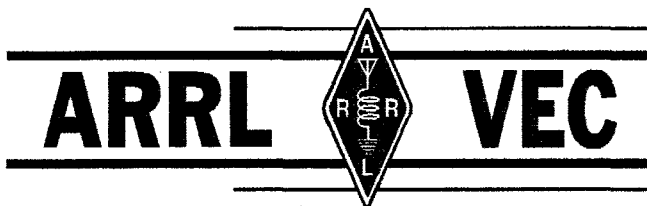
- 1) **Make sure your radio is in top operating condition.** Small problems (such as loose antenna connections, bad microphones, intermittent operation, etc.) may be just annoying during casual operation, but WILL cause major grief under the continuous/severe service of net/emergency operation.
- 2) **Don't operate your handheld with it hanging on your belt.** Using the radio while it's strapped to your waist reduces your effective radiated power by more than 10 dB. That's a 90% reduction in power. Hold the radio in your hand, with the antenna in the clear.
- 3) **Regarding antennas,** those 3" rubber dummy loads may be cute, but you're throwing away 3-6 dB of power when using one. (If you're *really* into math, compute the loss of a 3" rubber dummy load used on a belt clip). A telescoping half-wave has a gain of as much as 10 dB over a 3" rubber duck and a quarter-wave provides a 4-6 dB improvement. Even a 12-15" rubber duck will boost your signal by 3-6 dB over the 3" ones. Remember that one dB can mean the difference in whether or not a critical message gets through.
- 4) **Have charged batteries and spare battery packs!** If you also have a dry cell battery case, fill it with alkaline batteries. Make sure you have enough batteries with you to carry you through, even on high power.
- 5) **Use headphones or an earphone** rather than a speaker/mike. Most earphones will plug directly into your HT. Low cost stereo headphones are widely available and will work perfectly with your HT using a mono to stereo adapter. The headphones also have the advantage of concentrating the communications in your ears, while partially shutting out the outside noise. Headphones will also prolong battery life by allowing the radio to operate at lower audio output. A speaker/mike is the worst thing you can use --- it doesn't cut the outside noise, it doesn't save batteries, and where is that HT while you're using the speaker/mike?? (Hint --- see #2!)
- 6) **Speak slowly and clearly** when transmitting! You make take pride in your ability to run your words together and mumble, but the station on the other end may be in a noisy environment and may not receive your message.
- 7) **Check out your ability to use simplex.** Even if the operation is being conducted on a repeater, there may be "dead spots," the repeater may go down, or, sad to say, there may be jamming. Even if you can only work the two or three stations closest to you, a message can still be relayed. To maximize your simplex range, please reread #2 and #3.
- 8) **Listen to net control** and direct all communication through him/her. Identify your station when calling net control and keep all communications direct and to the point.
- 9) **If you must leave the radio** or the area to which you have been assigned, first seek permission and acknowledgment from the net control station, make your "time off" as short as possible, and check back in with NCS immediately upon your return.



10) **Project a good image** to the non-hams around you that are part of the event/emergency. This means acting professionally, using basic hygiene skills, etc.

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



Volunteer Examiner Testing



The tentative schedule for testing in 2002 will be (all Saturdays) 2/09, 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	Ginger 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	

HAM RADIO TESTING REACHES WHITE MOUNTAIN ALASKA

Ham radio examinations have finally come to one of the remotest areas of the nation. This, after a team of examiners from the W5Y1 VEC perform a fly-in examination session in White Mountain Alaska. Amateur Radio Newsline's Norm Seeley, KI7UP, has the details: →



White Mountain is a remote fishing village in the far North-West of Alaska. Its major claim to fame is that it's the next to the last checkpoint for the famed Iditarod dog sled race. And it wanted someone to come in and give ham radio exams.

The closest big city is Nome. White Mountain is only about sixty miles from Nome but it's over some rather treacherous terrain. There are no roads in or out and all supplies to White Mountain have to be delivered by plane or boat.

But White Mountain does have a ham radio operator for its mayor. He is reindeer farmer Tom Gray KL0CQ. And one of its school board members is Eric Morris KL7HT. Both will tell you that a temperature of minus 40 degrees Fahrenheit and a wind-chill factor of minus 100 degrees is not uncommon in winter. These were the conditions faced by a four member W5Y1 VEC test team when it chartered a plane and flew in on December 11th to administer exams to four adults and fourteen youngsters who were determined to make ham radio a part of their life.

The trip which cost \$800 for the flight alone was sponsored by the Seward Peninsula Amateur Radio Club. Braving the weather were examiners Ramon Gandia AL7X, Michael Nurse KL7UJ, Scott Webber AL7RJ and Thomas Busch NL7H. All four are from Nome. Most of those to be tested came from the Bearing Strait School District's only inland school. They had all been studying for their Amateur license as part of a search and rescue course. Neither the applicant or the VE team were disappointed. All eighteen passed the Technician class exam. (From the Amateur Radio Newsline #1273 1/04/02)

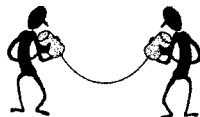
[Those involved in ham radio testing are keenly aware of the problems faced by remote areas of Alaska. At last July's VEC Conference in Gettysburg PA Jim Wiley KL7CC told the group that many applicants in Alaska are denied an Amateur Radio license exam due to the inaccessibility of their locations or the high cost of travel in that state. (W5Y1)]

QSL CARD'S WANTED!

Send me a copy of your favorite QSL card and the story about how you got it! Or, how about just sending me your QSL card? I'll scan it and put it in the newsletter. I'll bet we can create quite a collection from everyone. Here's my contribution:

I got this by working East Germany in the LAST days before the 2 Germany's were once again united. No longer available, it is a rare one for many. (and it counted for DXCC!) KM6BF





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, FEBRUARY 21, 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

THANKS TO FRANK HORNEFF-WA6JBV FOR THE HAM RADIO WORD PUZZLE ↗

Antenna Terminology

ham radio		
C	Amps	Pumpjack
L	Amplifier	Receiver
O	Antenna	Repeater
U	Bandoot	Resistor
D	Capacitor	Screwdriver
B	Cloudburner	Speaker
U	Diode	Transformer
R	Dipole	Transmitter
E	Dummyload	Verticle
C	Filament	
A	Filter	
U	Footwarmer	
T	Handheld	
I	Horizontal	
E	Landline	
R	Lid	
O	Microphone	
N	Mobile	
G	Paddle	
A	Power	

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!

