

# The Yavapai Signal

**THE YAVAPAI AMATEUR RADIO CLUB  
PRESCOTT, ARIZONA  
VOL 10 - No. 5**

**DM-34  
MAY, 2000**

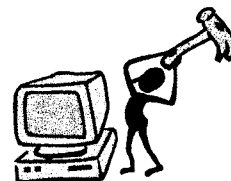


## WELCOME TO THE YAVAPAI AMATEUR RADIO CLUB

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.



## ARRL: LEAGUES WEBSITE VANDALIZED



Ham radio organizations that sponsor websites are on guard following a vicious attack on the ARRL website that occurred right after the Easter weekend.

According to a League press release, access to the ARRL Web site was disrupted early Monday, April 24th when those attempting to connect to the League were shunted to another site, apparently in Canada. Some who attempted access early on Tuesday the 25th were also greeted by an obscene message and the statement "Pirate radio for life, baby."

ARRL Information Services Department Manager Don Durand says that the League's "arrl.org" domain name was illegally modified at Network Solutions. Network Solutions, formerly known as InterNIC, is one of the organizations, which registers domain names. And it was the erroneous information -- apparently hacked into the Network Solutions site that filtered down to service providers worldwide. That's what caused those trying to access the ARRL web server to be redirected to the bogus site.

As soon as ARRL learned of the problem it notified Network Solutions of the illegal change. Durand says that Network Solutions worked quickly to return the correct settings. Durand also says that the ARRL Web site itself was not "hacked," in the true sense of the word. More important -- no ARRL files were damaged as a result of the vandalism.

ARRL President Jim Haynie, W5JBP, says that the League intends to investigate the disruption through all possible means. Haynie has promised that the perpetrators, if caught, would be prosecuted to the fullest extent of the law. Meantime the operators of other ham radio websites wonder who might be next. (From ARRL release)

## YARC OFFICERS for 2000

<b>President</b> Lee Cunningham, KC7CBK <a href="mailto:kc7cbk@arrl.net">kc7cbk@arrl.net</a>	<b>VicePresident</b> Terry Pemberton-KB7TRE <a href="mailto:kb7tre@aol.com">kb7tre@aol.com</a>
<b>Secretary</b> John Wilson-KM6BF <a href="mailto:km6bf@primenet.com">km6bf@primenet.com</a>	<b>Treasurer</b> Fred Shefflette-KC7TIN

## YARC BOARD OF DIRECTORS includes Club Officers

**Past President**  
Bob Kane, K7KOL

Frank Homeff WA6JBV  
Dale Leslie, N7XFD

**NEWSLETTER EDITOR**

**John Wilson-KM6BF**

## 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. Many thanks to Bill Kafka, W2YAV for

the upkeep and use of the repeater. Tony-W7PCU reports that the 147.040+ (100.0 PL) repeater is back up and running in Prescott.

## SHORTENED NEWSLETTER

Due to vacations and other factors, this months newsletter is a bit smaller than usual. We hope to have more articles and stories next month.

John-KM6BF



UPCOMING EVENTS OF INTEREST

- ▶ June 3 to June 4 – WORLDRADIO Friend's Day Contest
- ▶ June 10-12 ARRL VHF QSO Party
- ▶ June 17-18 SMIRK 6-Meter QSO Party



June 24-25 – Field Day

- ▶ July 8-9 IARU HF Championship
- ▶ July 28-30 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

The meeting this month was held at Carol Hills/KA7LKW house. She lives just north of the Chino outer loop, on her solar ranch. Our tour began at 7pm of her solar ranch. What a place. From the well pump to the whole house, and a recording studio too boot. Outstanding job Carol. Impressive. So who needs APS!!!!!!!!!!!! Unfortunately the tour had to end. Thanks again Carol! for you hospitality.

The regular meeting was called to order at 8pm by the club President Lee Cunningham, KC7CBK. John-KM6BF read the minutes of the last meeting. The minutes were approved. Fred/KC7TIN read the treasurers reports. The club had a balance of \$928.88, repeater fund of \$478.00, and general fund of \$450.88. The funding was approved.. Brian/KE6IJR from ERAU said the club was fully operational, also using the 146.88 repeater on Thursday night for the club meeting. Adam/KD7IKR will act as a go between for ERAU and YARC. Fred/N7PJN gave us more insight to the ULS. Pen/KJ7KL, had no activity on training or technical. John/KM6BF, update on the newsletter. Lee/KC7CBK, on field day June 24th, will be a one-day event on the south lawn of the courthouse. Fred/N7PJN on Armed Forces day and ham radio. Lloyd/WA6ZZJ made comments on the March-of-Dimes walk-a-thon, had 12 operators and everything went well. (Boy are we good or what!!!!...Had a good leader too). May 6th, Whiskey Row Marathon, could use some more operators. July 1st Rodeo parade, the communications van will be in it (YEA). Bob/WB6ODR, call sign for the radio club, work is still in progress. (good ole FCC) Bob/W7ALR gave us more insight on the heliograph. Thanks Bob. Lee/KC7CBK, we had a slight increase in our insurance

costs. Now it is \$352. It was approved by the club Meeting adjourned at 822pm.

From Tony/W7PCU (Acting for the Club Secretary)

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@primenet.com](mailto:km6bf@primenet.com)  
Occasionally we will have articles from other clubs newsletters:



WESTERN ILLINOIS AMATEUR RADIO CLUB

BandWaggin' from the Fringes of Oblivion By Jim, N9JF

After the experience I've had with computers the last month, logging with a piece of charcoal and a wooden shovel sounds like an attractive option for the 2000-2001 contest season. Wasn't that the way Abe Lincoln kept track of the pileups?

Okay, enough complaining. I \*did\* manage to resurrect (okay, locate) part of my ARRL CW log that had gone AWOL, enabling me to send in 1000 Q's of the fourteen of fifteen hundred actually made. I have NO idea what ARRL will do with it; they can't use it as a "check log" because four or five hundred guys would get dinged as "not in log" undeservedly. Maybe the club can at least claim my points.... It sounds like KN0I and KC0DVX had a similar experience. Gotta get you introduced to a genuine logging program, Cork! And next time, tie a rock to your log....

Reports (sans tearstains) from club members have been awfully slow in coming. Part of the problem might be that my e-mail has been toast for the past two weeks (oops, I said, "enough complaining", didn't I?... ) so I might not have gotten some of them. One nice log I received was from John, W9FGH, with 430 contacts in the SSB test. John, we gotta get you to a meeting! The winning team eats pizza at April's "meeting after the meeting", so bring 🍕

your scores to the club meeting in April if I don't have them yet. So far I have:

Team 1: KN0I/KC0DVX: best "dog ate my homework/gone with the wind" story so far; if you guys can figure out "about" what your score was, we'll count it....;K0RL and your killer log periodic...any luck?; NM9C? N9GXW and harmonic?

Team 2: KB9JIZ (ssb) 24,960 N9JF (cw) 695,304 (ssb) 333,000; best "where can you operate on the band and not clobber my receiver" story; also best "let's take turns trashing Darren's stereo; he's a ham and won't complain" experience....; most "Dad, what's the beam heading for Tanzania?" inquiries;

Team 3: I got an e-mail report from NA9DM and it evaporated (or whatever e-mails do when hard drives crash). What was your score, Dana? How about N9KXM?

Team 4: N9DT, you gave me a report of some kind; what was it? (another evaporated e-mail). Still waiting to hear from KB9VCK. WD9DDO?

Team 5: W9FGH (ssb) 228,330! K0CA: any report? WB7ESE, I know you guys got on a bit. How about W0KT?

There should be several others as well. It looks like a lot of you were too busy studying for upgrades to participate in the contest, and I sure can't complain about that! There have been a lot of successful testing sessions already and will be many more in the next few weeks. Congratulations to all of you on your hard work! I have KB9SWB and one of my Novice/Techs-to-be working with the CW simulator in TRLog. It provides some nice code practice as well as acquainting one with the logging program, international callsign structure, beam headings and other good stuff.

A special slap on the back goes to KC0DVX who passed his 5 wpm CW recently. Cork, I'm not sure anybody ever worked harder at it, so you'll enjoy those new privileges a lot! Nice work!

Speaking of congratulations, there was a note in the latest QST about the Millennium DXCC award, for working 100 countries in 2000. One of the three tying for the first logs received was Cliff, K0CA. Cliff and two others faxed their logs to ARRL on January 3. Nice going, Cliff!!!

I'm not sure I'll live long enough to see better conditions on ten meters than we experienced on the weekend of ARRL SSB. The solar flux took a nice jump, a predicted solar storm didn't do any damage, and the DX was wall to wall. Europe started coming in before sunrise and persisted until late afternoon, Japan started two hours before Europe faded and lasted until nine or ten p.m. There was some "rare" DX available, but mostly it was just solid "good stuff": eastern Europeans and deep Asians indicative of great conditions. I probably worked more LX's, 4X's, EI's, YO's, OM's, T9's and UN's in one weekend than I had total, in 35 years on the air. Highlights were VU2WAP at high noon and an EX at about 10 p.m. local. I've never worked a hundred countries in one weekend before, on all bands. This time, I worked a hundred and one

(counting the Clipperton group, who weren't in the contest) ON ONE BAND! This is with a hundred watts and relatively simple antennas (nothing over fifty pounds....) Ten meters. What can I say? If you have HF privileges, it's time to get up an antenna, ANY ANTENNA, and join the fun. It may never be any better.....

Enough raving for now. Be sure to come to the April meeting because we're making plans for Field Day. This year's event, with bundles of new HF operators, should be a blast!

See you in the pileups, at the meeting (bring your scores, however big or small) and at the Hut.

73, Jim N9JF



FROM THE PAST-PRESIDENT

Bob is on vacation. His creative writing will resume next month.

Bob Kane, K7KOL

FIRST CONTACTS!

I'm back from a week's vacation in Louisiana, which included eating all that good Cajun food. I did make contact with a couple of friendly local hams on a 2 meter repeater in the area. Devoid of mountains and hilltops, amateur repeaters are either located on buildings or those monstrous 300-500' towers scattered around the flatlands and swamps. I also monitored 146.520 and never heard a thing. Makes one wonder where everyone hangs out these days?

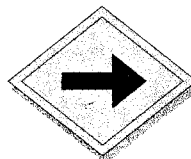


With the travel season getting up to speed, we will have our share of visitors on local repeaters again this summer. Many travelers may need directions or even roadside assistance. You should be prepared to help if you are monitoring and hear someone call.

Remember that we can promote the goodwill of the hobby by being there. Maybe this could also give some of you an opportunity to write an article for the newsletter on how you helped someone out.

John-KM6BF

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



SAY WHAT?

"I thought I could upgrade automatically, but I have to show up now and pay!"

"I'd put an HF rig in my car but I don't spend enough time to make it pay for itself!"

"Hey, a tuner is a tuner, but it depends on what band you're using it on!"

"I wish someone would invent an HT with a solar panel, so I wouldn't have to charge the battery all the time."

"I took my HT on vacation last time, but my luggage got lost."

"The only place I have never operated my HT was in church!"

"I can do more with \$2.00 worth of copper wire than those guys with all their big beams and towers!"

TRAILER LIFE? "Well Joe, did you move into your new house yet?"  
"Nope, they ain't brought it yet!"

"I don't need a lot of power, I just like to run it!"



**OTHER NEWS OF INTEREST**

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

**HAM WINS BEAUTY CONTEST  
KB0MDX CROWNED MISS TOPEKA 2000**

Changing gears for a minute, a young woman from Kansas has been crowned Miss Topeka. And guess what. She is a licensed radio amateur. Newsline's Cathy Anno, KB0FDU, says congratulations are in order: And the good wishes go to Heather Hollenbeck, KB0MDX, who is the reigning Miss Topeka 2000.

Heather, who is now in college, comes from a ham radio family. Her mother Missy Hollenbeck is AA0OF. Her dad, Fred, holds the call sign N0WSA and her brother, Jacob, is KB0RMK. But that's not where the family ham radio connection ends. This is because it was her grandfather Gary Hoffsommer, W0TI, who first introduced Heather to the magic world of Amateur Radio.

And what's next up for KB0MDX? Late word is that she plans to compete in the Miss Kansas 2000 pageant this June. And we at Newsline wishes her all the best.

Reporting from the end of the Yellow Brick Road, I'm Cathy Anno -- yep, new name but same call, Cathy Anno, KB0FDU, reporting for Newsline.

Our congratulations to Heather -- and -- while it will sound like a pun -- we have to say good luck in the contest.

And less we forget, congratulations to our own Cathy, the former Cathy Gilliland on her marriage to Darren Anno. The two were wed in Fall City, Nebraska on Saturday, April 1st. (ARRL) From NEWSLINE #1184



The Yavapai County ARES/RACES net is held every Monday night at 6:45PM on the Mingus Mtn. 147.220+ repeater.

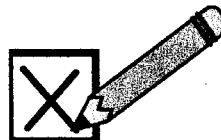
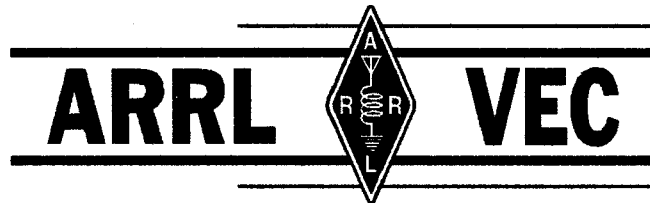
I want to thank all of the operators who turned out to assist the Yavapai Amateur Radio Club with communications on the Whiskey Row Marathon. A special 2 Gold Star Award goes to Fred, N7PJN, along with Adam, KD7IKR, and Bob, WB7RRQ, who were the early morning (3:00 & 4:00 AM) crew. The rest of us struggled in around 5:00 AM. There was a total of 14 operators involved in the operation which lasted until approximately 1:45 PM. Along with the three operators above, those who helped were KC7AGL, WF7J, N7XFD, W6TXS, K6UWV, WA9FOU, KC7CBK, WA6JBV, K7CJW, KB2CT and WA6ZZJ. Fred, KB2CT, was our 'shadow operator' following Jenny from the YMCA and I'm sure he got the most exercise of all of us. Net Control operated from the Yavapai County ARES/RACES van at the finish line. There was a total of 1346 runners in all five events. That was about 300 more than last year. Once again THANK YOU TO ALL..

The next communications event will be public service communications for the Frontier Days Parade on Saturday, July 1st. Lee, KC7CBK, will be setting up this event and will be looking for operators. Lets all get behind the Club and support this event..

73, Lloyd Halgunseth WA6ZZJ Yavapai County ARES / RACES District Emergency Coordinator/Radio Officer (520) 717-2706 [wa6zzj@arrl.net](mailto:wa6zzj@arrl.net)



**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.



**Volunteer Examiner Testing**

A "paperwork only" test session was held on April 20, 2000 at the monthly YARC meeting. There were 10 candidates who were granted upgrades, which included 4 new Extra Class and 6 General Class. The regularly scheduled test session of May 13 produced several additional "paper" upgrades and 2 who took the written tests upgraded. Thanks to all who attended.

The tentative remaining testing dates for 2000 are August 12, and November 11, all Saturdays at 10:00AM at the Blind Center, 440 N. Washington St, Prescott.

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 2000 will be \$ 6.65. 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
KA7NGK	Don Broadston	KB7FRV	Leonard Beers
KC7AGL	Don Muller	AB7SK	Ginger LeGendre
KK7JH	Billy Peters	KG7OL	David Miller
KI7EB	Bill Thrift	KJ7DX	Matt Strandberg
KJ7KL	Pen Brown	KM6BF	John Wilson
W2YAV	Bill Kafka	W7DC	Bob Harkey
W6HDP	Bill Jackson	W9KRQ	Dave Rutledge
	WB6ODR Bob Smith		

### QUESTIONS CONTINUE IN RESTRUCTURING'S WAKE

NEWINGTON, CT, Apr 25, 2000--April 15 has come and gone, but the flow of questions about Amateur Radio "restructuring" has only slowed somewhat in the intervening days. ARRL-VEC Manager Bart Jahnke, W9JJ, says the most common question these days is: "When can I expect to see my new license grant from the FCC?"

"The answer we give is three to four weeks from the test date, possibly sooner," Jahnke said. As a result of April 15-16 weekend testing and upgrade processing, the ARRL -VEC anticipates seeing 10,000 or more license applications over the next few weeks. "We had some 250 sessions scheduled for April 15, and they average perhaps 50 applicants at each," Jahnke explained.

"Based on gut feelings and a crystal ball, we conceivably could now have 10,000 new Generals and 5000 new Extras hitting the airwaves at roughly the same time," Jahnke speculated.

Other burning questions have had to do with operating privileges. Several callers have wondered if Technicians who pass the 5 WPM Morse code test (Element 1) may then operate on the Novice bands. The answer is yes. Such licensees no longer get a new license class--it would have been Tech Plus under the old rules--but they have the same privileges as current Tech Plus licensees.

At present, while such Element 1 credit provides new privileges for the term of the license, the credit--at least for now--is only good for 365 days for upgrading purposes. The League has petitioned the FCC to make Element 1 credit permanent.

The FCC last week made it clear that General class operators may not operate on the Advanced class subbands, however.

Other callers have wondered if they may use a Certificate of Successful Completion of Examination--CSCE--for an "old" amateur examination element under the new rules. In most cases, as long as the CSCE is not older than 365 days, it is still valid for equivalent element credit. For example, a Technician holding a CSCE for the "old" Element 3B (General written) may upgrade upon passing

Element 1, the 5 WPM Morse code test, provided the CSCE is no older than 365 days. "An unexpired CSCE for Element 3B is valid for the new Element 3," explained Brennan Price, N4QX, the newest member of ARRL Field and Educational Services. In addition, unexpired CSCEs for Elements 4A and 4B together still confer credit for the new Element 4 (Amateur Extra written).

"On the other hand, an unexpired CSCE for the Advanced Element 4A by itself will earn, at most, a hearty handshake," explains Price, an experienced VE who's been helping to handle the backlog of inquiries. "Element 4A is no good without Element 4B."



**GOT ANYTHING FOR SALE? CLUB MEMBERS CAN LIST THEIR EQUIPMENT HERE FREE.**

### 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	W2YAV
147.140+	162.2	Flagstaff-Elden	ARA Link to Ord
147.220+	C/S	Mingus Mtn.	VVARA
147.260+	103.5	Mt. Union	YC EmergSvcs
223.960-	127.3	Chino Valley	NOWARE
442.150+	100.0	Mingus Mtn.	Northlink
442.350+	100.0	Glassford Hill	
448.400-	123.0	Mingus Mtn.	NOWARE
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
		<b>OTHER REPEATERS</b>	
53.410-	114.8	Greens Pk	Show Low
146.760-	131.8	Hayden Pk	Kingman
146.920-	162.2	Mt. Ord	ARA
147.360+	162.2	Mt. Ord	ARA
		<b>PACKET</b>	
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-	Packet BBS
145.710		KB7FRV	

**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' 23.2" W 112° 29' 45.2")

**NEXT MEETING THURS, JUNE 15 @ 7:00pm**



Wednesday Morning Breakfast-Iron Horse Café, S. Hwy 89 in Chino Valley (N 34° 43' 56.5" W 112° 27' 15.4"). 7:30AM. Informal-All are invited.

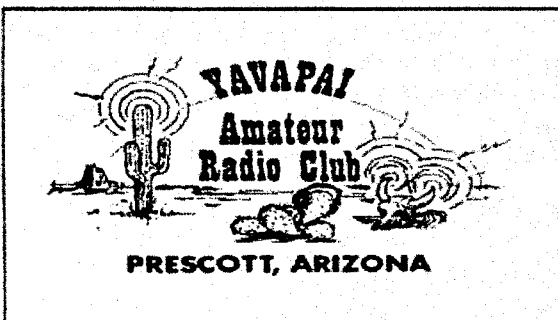
Thursday Morning Breakfast-Michael's Restaurant in the Safeway Shopping Center, Hwy 69 Prescott Valley. 8:00am. (N 34° 35' 13.3" W 112° 19' 44.6")All are invited.

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

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

Visit us on the web at:  
<http://yarc.pr.erau.edu/~yarc>

Many thanks to Bob Smith-WB6ODR, our Webmaster!



**REMINDER: The July meeting will be held on Thursday July 27, 2000.**