



YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 23 – No.8 • August 2008

FIELD DAY 2008

By Lloyd, WA6ZZJ & Patti, KD7VBG

Saturday morning June 28th started off with bright sunshine as the “set up” crew met at the Watson Lake Park Upper Ramada to start preparing for Field Day 2008. It was decided the first order of the day was to assemble and erect the tower and tri-band beam furnished by Neil, KA7JAS. We were just shy of a dozen YARC members on the crew, and it took almost all of them when it came to erecting the tower and beam. While some members were wrapping up that installation, others quickly began putting up the 40-80 meter dipole for the station that was being set up in the Ramada.

While all of this is going on John, W5VJH, was arriving with his crew and preparing the Ramada for the annual YARC Picnic. Other activities with the picnic were a Fox Hunt organized by Pete, K6VVR, and some Geocaching organized by Bob, WB6ODR, plus some members of the “Tupperware Navy” had their watercraft there.

This year two operating stations were run with one station, 20/15/10 meters, being run from the ARES/RACES Mobile Amateur Radio Communications (MARC) vehicle and 40 and 80 meters with a portable station set up in the Ramada. The 7 KW generator in the MARC was used to power both stations, so we were running on emergency power even though there was commercial power available to us in the Ramada.

There were about 25 members who participated in operating, and we think a good time was had by all. There were approximately 253 contacts made, with 49 of them being on CW (thanks to N7CW) and 204 on SSB. Along with multipliers, that would give us about 1100 points, which isn't a lot compared to other stations, but we said going in that this Field Day was to be a FUN opportunity and not worry about how many points we could rack up. For some of the operators this was their first Field Day experience and we truly hope it was a good one. Operations continued around the clock for the full 24 hours. During the night, 20/15/10 meters went away so contacts were slim there until the bands picked up again on



Sunday morning. Terry, KB7TRE, and George, AD7RL, teamed up to cook the crew that was there a good breakfast on Sunday morning.

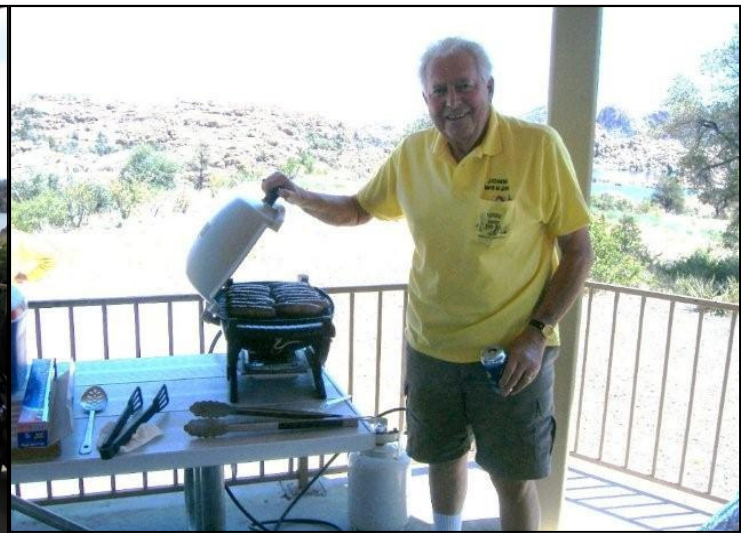
Operations ceased at 11:00 a.m. (1800 UTC) on Sunday when the “tear down” crew got together to undo all the work they had done as the “set up” crew the day before.

Lessons were learned from this year's experience, and with next year's Field Day already in the planning stages, there are probably some things to do different and try to make it bigger and better. One thing we would hope for next year is to have more participation operating.

Thanks to all who took the time to participate and make this year's event a success. ■

<i>Inside This Issue ...</i>	
<i>Field Day 2008 Pictures.....</i>	<i>Page 2</i>
<i>Meeting Minutes.....</i>	<i>Page 3& 4</i>
<i>This Month's Featured Ham.....</i>	<i>Page 5</i>
<i>ARES/RACES.....</i>	<i>Page 6</i>
<i>Treasurer's Report.....</i>	<i>Page 7</i>
<i>VE Tidbits.....</i>	<i>Page 8</i>
<i>How Can I Keep RF Out of the Shack?....</i>	<i>Page 9&10</i>
<i>YARC T-Shirts.....</i>	<i>Page 10</i>
<i>ARCA/Williams Hamfest.....</i>	<i>Page 11</i>

Field Day Pictures Courtesy of Lloyd, WA6ZZJ and Bob, WB7RRQ



Additional Field Day Pictures can be found on Joan's, AB7KE website - <http://tinyurl.com/6b357z> and John's, WB9VGJ website - <http://tinyurl.com/4jc48d>

Welcome to the Yavapai Amateur Radio Club

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated Special Service Club. The club participates in many activities in the tri-city area by providing communications for local events, emergency communications, 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/year (Full-time students \$15). The YARC meets at 7:00 p.m. local time on the first Thursday of every month in the Technology Room 404, at the Granite Mountain Middle School, 1800 Williamson Valley Road in Prescott. It is about ½ mile north of Iron Springs road, 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 p.m. local time on 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 7:00 p.m. local time on the 145.290- repeater on Mingus Mountain. A PL of 127.3 is required.

Club Repeater

The YARC 146.880- repeater is located on the hill above Willow Creek road and requires a PL of 100.0 Hz. Our deepest gratitude to Bill Kafka, W2YAV for allowing us to acquire the original club repeater.

Minutes of July 10, 2008 Board Meeting



Meeting was called to order by the president, KB7TRE at 1815hrs.

Also in attendance: WB9VGJ, KF6SPS, KE7DTR, W3IVQ, KD7VBG & WB7RFY.

Programs: KE7DTR reports revised schedule thru October; Nov. & Dec still open.

Membership will be asked to vote on last month's policy statement as to programs.

Field Day & Picnic were reviewed; consensus is a great success, many demos to public and good turn-out. All seemed to enjoy combined activities. Question as to minimal VVARA participation. Better signage to be proposed, organizers did amazing amount of work and deserve high recognition for multi-tiered event.

KB7TRE reports on window stickers as directed last month, and suggests low bid on 1000 quantity. Will present to membership

Special Event station for NRA Birthday to be organized by WB9VGJ if membership approves.

To address a records storage question, on motion of WB7RFY, second

KE7DTR and no opposition, the board adopted the resolution: The Yavapai Signal, past and perpetually, is recognized as the official record of the Yavapai Amateur Radio Club.

On motion of KB7TRE, second W3IVQ, and no opposition, meeting was adjourned at 1845 hrs.

Respectfully Submitted,

Jeff Hanna, WB7RFY

YARC Secretary

Minutes of July 10, 2008 General Meeting

Meeting was called to order by the President, KB7TRE at 1903 hrs.

Following the Pledge of Allegiance, introductions were made.

Attendance: 56 of whom 32 signed in.

On motion of WB9VGJ, second of KE7DTR and no dissention, Diane Dutkevitch, KE7ODP was accepted to the membership.

Minutes from June 05, 2008 were accepted as published.

Treasurer reports beginning balance of \$1913.19, ending balance of \$1880.91, and repeater fund of \$133.08. Suggests applying profits from club table at hamfest to the repeater fund to bring it out of negative status. Report was accepted as read.

Committee Reports:

Ares/Races: WA6ZZJ summarized the response to the Lane 2 fire following Field Day. Phone tree was successful; many involved until Tuesday when alert changed to a modified level one/hot stand-by status until July 6th. Phone: AB7NK, K7YTI, KV8TD. MARC: KD7VBG, WA6ZZJ, N6LSA,

Membership Count:



1st Thurs. in June.....142

Gain/Loss.....+1

2nd Thurs. in July.....143*

* Includes five 3-month memberships

K7YTI. EOC: KC7CBK, N7CW, KB7TRE, WA6AQK, AB7NK. All participants should remember to register their hours on the ARES website.

Next training meeting will be Saturday, August 2nd, on activating multiple locations.

KC7CBK related changes to this year's loop challenge, (start time 6:30am Sunday, Sept 21st) and read a glowing thank you letter from Epic Rides, sponsor of the Whiskey Offroad.

Newsletter: Yavapai Signal is recognized as the official record of YARC.

IRLP: W7JLC suggests if anyone monitors inappropriate operation or data, please close the node.

Patches: Both sizes available from the Treasurer for \$3.00 ea.

Badges: remain available for order at \$ 6.75 through WB6ODR. Many are awaiting pick-up.

Classes: W7JLC has scheduled a one day Technician class on Sept 27, at Embry-Riddle.

VE Testing is next scheduled for October 11, 9:00 am. Please contact AB7NK@arri.net if you plan to attend.

Young Hams Net: KI6AHH notes that with summer schedule, participation is somewhat down. All are invited to join in, Sunday, 7:00 pm on 147.22 repeater.

Programs: KE7DTR offered revised topics for upcoming months.

OLD BUSINESS:

Field Day: Preliminary results are 253 ssb contacts, 49 cw contacts, approximately 1000 points. Cheers

to suggestion of same location for 2009. KD7VVG & WA6ZZJ appointed to secure site and coordinate 2009 activity on June 28-29, 2009. Special thanks to T-Hunt and Geocaching coordinators and participants. On motion of KB7TRE, second by K6VVR and no dissenting votes, a club patch will be awarded to each of the successful T-Hunt teams. Concern relayed from VVARA as to location as they would prefer return to Mingus Mountain. Vote with one dissention was to retain Watson Lake location for YARC operations, and invite VVARA as guests, and if VVARA operates Field Day they hopefully would reciprocate as it would provide more operating and public demonstration opportunities for all.

Picnic: Special thanks to W5VJH & W5GBG for coordinating again; round of applause as volunteered/appointed for 2009 event. Chicken was a great success and requested to return.

Stickers: KB7TRE has received quotes; best is very reasonable for vinyl 4x3. Each member would get 1 or 2 at no charge, then \$ 1.00 ea. On motion of KE7DTR, second by WB9VGJ, and no dissention, approved about \$150.00 for set-up/printing.

Banner: The formal banner we have been using is difficult to travel with. KB7TRE will investigate vinyl with grommets in various sizes and report back.

NEW BUSINESS:

After Holiday Party broached. WB7RRQ has secured reservation; need to add date to calendar.

NRA Special Event Station proposed for Monday, November 17, 2008. Several wish to participate. WB9VGJ will coordinate with K7GST to utilize Gun-site facilities as in years past.

Programs: On motion of KB7TRE, second KE7DTR, and no dissenting votes, policy statement on programs "to focus programs on Ham Radio and Technology when possible" was adopted by the membership.

County Fair: KV8TD to coordinate booth activities week of September 18. Probable location change to increase exposure. KB7TRE to contact VVARA for mutual operation.

Tonight's program is N5RO on SATERN-Salvation Army Team Emergency Radio Network. See satern.org for additional information.

50/50 Drawing: \$34.00 was won by N5RO.

On motion of WB9VGJ, second of WA6ZZJ, and no dissenting votes, meeting was adjourned at 2008 hrs.

Respectfully Submitted,

Jeff Hanna, WB7RFY

YARC Officers for 2008

President

Terry Pemberton, KB7TRE
kb7tre@cableone.net

Vice President

Jack Ragen, W3IVQ
ragen@cableone.net

Secretary

Jeff Hanna, WB7RFY
jeff668@commspeed.net

Treasurer

Patti Halguseth, KD7VVG
kd7vbg@cableone.net

Board of Directors (includes Club Officers)

John Broughton – WB9VGJ

Tom Griswold – N6LSA

Richard Bozeat – KE7DTR

Walter Schumann – KF6SPS

Newsletter Editor: Joe Oliver, AC6AA

This Month's Featured Hams

By Pat Oliver, K7DUC



Tom Griswold, N6LSA

Tom first got his license in 1984, while living in Modesto, California. He has since upgraded to Extra Class in April. In the beginning, he entered CW contests, but no longer uses CW. Since 1985, he enjoys phone and enjoys participating in rag chewing.

Gail got her first license in 1992, and recently upgraded to General in May.

Tom regularly operates from 80 meters to 6 meters, as well as VHF and UHF. Gail operates on 2 meters and 70 centimeters.

Their equipment consists of an IC 746 Pro, SB200 Amplifier, and SA2060A Tuner for HF. They have Dual Band Mobile equipment in all their vehicles and Dual Band HTs for VHF-UHF.

Tom's most memorable contact was with a ham in Australia on 10 meters, and Gail's was with a ham near Sonora, California.

Tom has built several Heathkits, including a 13" portable TV.

Tom's most memorable ham related mail was a CW award signifying that he had W.A.D. (Worked All Duncans). The Duncans are a ham family that started out with 3 members and upgraded to 6 or 7 members. Gail's most memorable mail was receiving her first ham license.

In their former lives, Tom worked for the City of Mo-



Gail Griswold, K7YTI

desto, California for 24 years, occasionally climbing very high towers to accomplish a task. Gail worked for the City of Ceres, California as a bookkeeper in payroll and accounts payable. Now in retirement, in addition to ham radio, Tom has several ongoing home projects and has built things like a covered deck, while Gail does quilting and embroidery. She also works at the East campus of Yavapai Regional Medical Center.

Both Tom and Gail are YARC members and belong to ARES/RACES. Tom is also a YARC Board member.

Tom feels like the Club is doing well and Gail would like to see it continue to grow and have programs related to Ham Radio.

The Griswolds are valuable additions to the Yavapai Amateur Radio Club. ■

Upcoming Events

- **September 12 - 14, 2008** - ARRL Southwestern Division Convention in Mesa, AZ.
- **September 18 - 21, 2008** - Yavapai County Fair
- **September 22** - Technician Class at Embry-Riddle
- **November 17, 2008** - NRA Special Event Station at Gunsite, AZ.

* See Page 6 for Special Event Communications Schedule



By Lloyd, WA6ZZJ

ARES/RACES.....

The Lane 2 Fire

ARES/RACES went right from Field Day into an emergency activation when word was received that the town of Crown King and the Horsethief Basin area of the Prescott National Forest were being evacuated due to the Lane 2 wildfire and that a Red Cross reception area/shelter was being established at Mayer High School.

A quick call to the County Office of Emergency Management confirmed that the Yavapai County EOC was being activated and the ARES/RACES Mobile Amateur Radio Communications (MARC) vehicle was to go to the shelter location in Spring Valley. A call was put out for operators at the EOC while the MARC left for the Red Cross shelter. The telephone alert plan was put into action and names of available personnel obtained. All stations were in place before the evacuees started arriving at the shelter location. Operations ran into the night, so relief operators were called for. Operations were suspended for the night around 2115 hours.

On Monday morning the two locations were again activated as the Type II Team that was taking over management of the fire moved into Mayer High School to set up operations. Communications were maintained between the MARC and the County EOC until approximately 1530 hours when they were suspended for the day.

On Tuesday the Office of Emergency Management asked ARES/RACES to be in a modified Level 1 or "Hot Standby" mode. Thursday afternoon a resource net was held to get names of people standing by throughout the weekend that could be ready to respond at a moments notice should conditions change. The "Hot Standby" was reduced to a normal standby operation on Saturday, July 5th when it appeared the fire fighters were gaining the upper hand on the fire with 50% containment.

Members taking part in the actual operation were: AB7KE, K7YTI and KV8TD on the telephones with KC7CBK, N7CW, KB7TRE, WA6AQK, KF6SPS and AB7NK at the EOC and KD7VVBG, N6LSA, K7YTI and WA6ZZJ covered operations from the MARC.

THANK YOU to all of the members who were activated as well as those who were on standby during this operation.

Training Meeting

The third quarterly ARES/RACES training meeting of 2008 will be held on Saturday, August 2, 2008. This meeting will be more of an exercise type and we will be activating many of our permanent installations throughout the county. ARES/RACES maintain several permanent installations in the county and this will be a test of the quality of repeater and simplex operation and/or communication routes when they may be needed.

The fourth quarterly meeting will be Saturday, November 1, 2008 and will involve an exercise in the south part of Yavapai County possibly with other agencies involved.

SPECIAL EVENT COMMUNICATIONS.....

The special event communications schedule for the remainder of 2008 at this time looks like:

Saturday, September 13, 2008	Groom Creek Classic 10 K
Saturday, September 13, 2008	March of Dimes Walk America
Sunday, September 21, 2008	Loop Challenge Bicycle Event
Friday, October 3, 2008	Prescott Road Rally
Saturday, October 4, 2008	Prescott Road Rally
Saturday, October 18, 2008	Diabetes Walk
Saturday, November 15, 2008	Rails to Trails Race

The sign up sheets will be going around before these events, so plan on signing on to assist. Participating and operating at events like this helps YARC maintain its ARRL Special Service Club status, so let's all pitch in to help. ■

Program Speakers

August: George Imbrugia, AD7RL will talk on "Computer Hacking."

September: Patrick Stoddard, WD9EWK on "AMSAT."

October: Tom Griswold, N6LSA & Bob Rosevear, WB7RRQ on "Mobile Installations", (Quads and off-road).

Treasurer's Financial Reporting Sheet



Club / Group Name: YARC

Patti Halgunseth, KD7VBG

Reporting Date: 7/1/2008

Treasurer

Members Name	Dues Paid	Repeater Fund	Donations	Prize Money Paid Out	Net Cash In per Member
Diane Dutkevitch/N-KE7ODP	\$18.00	\$2.00			\$20.00
Joan Tremper/R-AB7KE	\$18.00	\$2.00			\$20.00
Claude Tremper/R-KC7AJM	\$0.00				\$0.00
Ken Henson/R-KE7KWH	\$18.00	\$2.00			\$20.00
Richard Bozeat/R-KE7DTR	\$18.00	\$2.00			\$20.00
James Ellzey/R-KE7JEQ	\$18.00	\$2.00			\$20.00
James Ellzey/ARRL	\$39.00				\$39.00
Brent Ellzey/ARRL	\$8.00				\$8.00
2 Patches	\$6.00				\$6.00
Club Table/Hamfest 50/50		\$219.00	\$64.00		\$219.00
Jim Clark/N5RO				\$34.00	(\$34.00)
Hamfest Profit			\$398.49		\$398.49
					\$0.00
					\$0.00
Total:	\$143.00	\$229.00	\$462.49	\$34.00	\$800.49

Miscellaneous Club Expenses	Cash Out	Check Number
ARRL-James Ellzey/R	\$45.00	1021
David Passell-Refreshment	\$23.93	1022
Allegra-Newsletter	\$27.49	1023
VVARA- 1/2 Hamfest Profit	\$199.24	1024
Repeater Fund	\$229.00	Cash
Total:	\$524.66	

Club Funds Summary	Totals
Starting Balance	\$1,880.91
Net Expenses	\$524.66
Net Income	\$800.49
	\$2,156.74
Repeater Fund	\$95.92
Cash Flow	\$275.83

What will be the current Cycle 24's Size and Length? - Chuck Shinn, W7MAP has made an interesting comparison between the current solar minimum to the one between Cycle 18 and 19. Cycle 19 was the largest sunspot cycle on record, and peaked around October 1957 to April 1958. Chuck observed that there was a long period of little solar activity in 1953 and 1954. Against the 1954 minimum, the current lack of activity does not seem unusual, since the lack of 1954 sunspots did not indicate that Cycle 19 would be below average.

This puts the current minimum in an interesting perspective. The current minimum is quite low, but hasn't lasted as long or gone as low as the minimum preceding the largest sunspot cycle in recorded history.

None of this can predict the size or length of Cycle 24, but it does show there is still hope for an above average Cycle.

Baby Boomer Song Titles

Submitted by Jo. L. Keener, KE7NSB

It was fun being a baby boomer... until now. Some of the artists of the 60's are revising their hits with new lyrics to accommodate aging baby boomers:

They include:

Herman's Hermits --- Mrs. Brown, You've Got a Lovely Walker.

Ringo Starr --- I Get By With a Little Help From Depends.

The Bee Gees --- How Can You Mend a Broken Hip?

Bobby Darin --- Splish , Splash, I Was Havin' a Flash.

Roberta Flack --- The First Time Ever I Forgot Your Face.

Johnny Nash --- I Can't See Clearly Now!

Paul Simon --- Fifty Ways to Lose Your Liver

The Commodores --- Once, Twice, Three Times to the Bathroom.

Marvin Gaye --- Heard It Through the Grape Nuts.

Procol Harem --- A Whiter Shade of Hair.

Leo Sayer--- You Make Me Feel Like Napping.

The Temptations --- Papa's Got a Kidney Stone.

Abba --- Denture Queen!

Tony Orlando --- Knock 3 Times On The Ceiling If You Hear Me Fall.

Helen Reddy --- I Am Woman, Hear Me Snore!

Leslie Gore --- It's My Procedure, and I'll Cry If I Want Too!

And my favorite:

Willie Nelson --- On the Commode Again!!

VE Tidbits



by Mary Vince – AB7NK

The next VE testing will be Saturday, October 11, 2008 at 9:00 A.M. at Embry Riddle University., 3700 Willow Creek Rd., Bldg 72, Room KEC 132.

For a map of the Embry Riddle Campus, click on the link below.

<http://www.erau.edu/pr/tours/map.pdf>

All license classes will be tested & walk-in's are always welcomed. However, if you plan on testing, an email sent to ab7nk@arrl.net would be appreciated so we have an idea of how many VE's will be needed. This also gives us time to prepare your test packet, which saves time when it comes to paperwork.

This testing will be 2 weeks after the technician class which will be put on by Jack - W7JLC & his volunteers. If you're interested in taking the technician class, please contact Jack – W7JLC at jscra@cableone.net

Enjoy the rest of the summer and stay safe. ■

How did Nikola Tesla save the Westinghouse Corporation from bankruptcy?



Nikola Tesla

On one side of the electric fence stood Edison, with his enduringly obstinate opinion that direct current was the only way to power the country. On the other stood Tesla, whose patents for a system of alternating current were purchased by George Westinghouse for a large lump sum and a per-horsepower royalty. The battle for supremacy, fought in the arena of public opinion, was fierce and financially draining. When the royalties due to Tesla approached \$1 million, Westinghouse was nearly bankrupt. Tesla realized that honoring the agreement would put Westinghouse out of business. So he turned his back on the potential of a billion-dollar income and tore up the contract. ■

From the American Museum of Radio and Electricity

How can I keep RF out of the shack?

Reprinted from the FARS RELAY

RF will always be in the shack in the form of **radiated** emissions unless the shack is a shielded room, like a Faraday cage. So we must first rephrase the question as how to keep **conducted** emissions out of the shack, which we can do. Trick No. 1

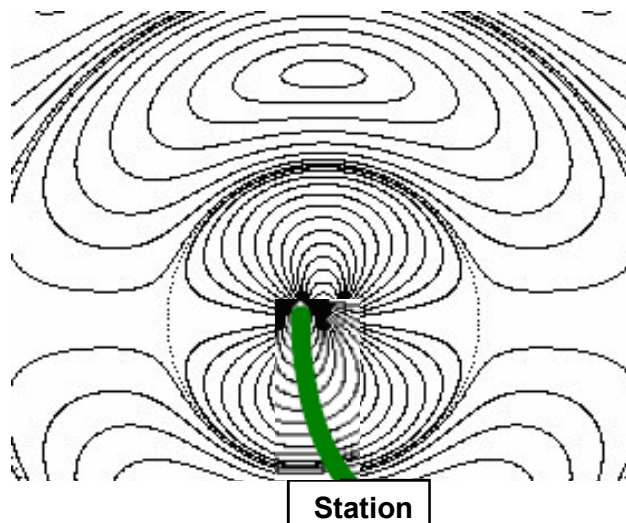
Conducted emissions refer to RF current that travels on wires and cables. Technically, it is electric and magnetic fields bound to a wire or cable that travel, and the current is the observed result. In other words, the wire acts like a waveguide, except the fields are external rather than internal. This is the principle behind single-conductor transmission lines such as the Goubau line. Goubau lines can carry more power than waveguide at microwave frequencies, but the fields are external to the wire. The fields fall off with distance from the wire. Nearby objects cause losses or scatter energy by reradiating. The point is that you don't want your transmission line carrying conducted emissions or radiating. Conducted emission is often called common mode current when speaking about transmission lines to distinguish it from differential mode current, which is what lines are intended to carry.

So how do you prevent common-mode or conducted emission on your wires? There are several tricks that every Radio Amateur should know. Some of these tricks are well known; others aren't. We'll review them here. It's worth mentioning that both balanced and unbalanced feedlines can carry common mode current. However, unbalanced feedlines traditionally give more problems.

Trick No. 1 is to prevent common mode current from getting on the line at the antenna connection. A common mode current choke is used for this purpose. When unbalanced coax is used to feed a balanced antenna feedpoint, a current balun should be used. Current baluns should not be confused with voltage baluns. An effective common mode choke can be made as a coil of a half-dozen turns of coax at the feedpoint. Another popular balun consists of 30 or more snug fitting ferrite beads slid over the coax in what is commonly called a W2DU balun.

Trick No. 1 prevents current intended for the antenna from sneaking onto the feedline, but it doesn't stop the radiated fields from inducing current on the line. For this, you need Trick No. 2: Dress the feedline so that it lies at right angle to the antenna's electric field. This minimizes the common-

mode current on the feedline, preventing it from acting like a receiving antenna.



Make Feedlines Perpendicular To Field Lines Where Possible.

While the position of a feedline can often be adjusted, the positions of other station wires for a-c power, telephone, and computer LANs are fixed. It isn't possible to prevent induced RF on those wires. Trick No. 3 is to block the entry of such current at the shack by using filters and chokes. RF current on telephone lines can be suppressed with line filters such as the Radio Shack 279-151.



Radio Shack 279-151

RF current on a-c power lines can be suppressed by using power strips with built-in RF filters such as Tripp Lite's Isobar surge suppressors.

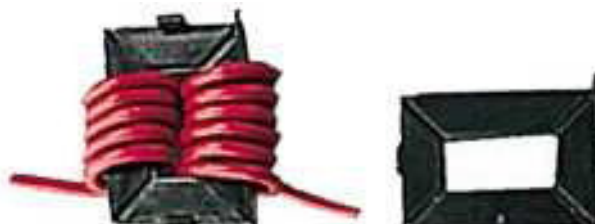


Tripp Lite Isobar 6 Ultra

See RF in Shack Page 10

• RF in Shack (Continued from Page 9)

Finally, RF current on all station wires can be suppressed by the liberal use of snap-on ferrite chokes such as Radio Shack's 273-104 and 273-105. Microphone cables are a particularly good candidate for snap-on chokes.



Radio Shack 273-104 and 273-105 Snap-On Ferrite Chokes

The reader may have noticed that we have not emphasized station grounding. There is considerable confusion on why and how to ground a station, and even what constitutes ground. Grounding can make RFI problems worse if done improperly. The subject of RF grounding is complicated, and we'll cover it in a later article. ■

© FARS Reprints of selected articles permitted with acknowledgment to the FARS RELAY



Plan to Join the ARRL or Renew Membership ?

Ask our Treasurer for a special ARRL Club Membership Application or download the appropriate application from the YARC Website. Complete the Application and return it to the Treasurer with the application fee.

There is no extra cost to you, and our club gets to retain a portion of the dues. ■

YARC T-Shirts

We have a lot of new members in the Yavapai Amateur Radio Club, so I thought it would be a good time to review the purchase of official YARC t-shirts.

Our t-shirts are purchased from T-Shirt Antics in Humboldt. They are the first business on the right side of Hwy 69 as you are headed toward Phoenix after you leave the stop light at the intersection with Hwy 169. The owners are Jeff and Susan Tomb, and Susan is the one I normally deal with. She knows every aspect of the t-shirts.

The current shirts are made by Jerzees, and are 50% cotton and 50% polyester. They are stain resistant, and have very little shrinkage from washing. This means you can order the actual size you wear, and not have to compensate for shrinking. The color is gold instead of the yellow of the original shirts. The old vendor, Hanes, no longer produces shirts of that type in yellow or gold. We can buy them in sizes small, medium, large, extra large, and extra-extra large. The price for all sizes is \$19, except for the XXL which is \$21. These prices include the club logo silk-screened on the back and front pocket. It does not include the cost of printing your name and call letters, which adds two dollars to the cost if pre-ordered. If you buy a stock t-shirt and take it to T-Shirt Antics for the lettering, it will cost two dollars plus tax.

I normally have a few stock t-shirts in various sizes available for purchase at the club meetings. You can also call me or e-mail if you want a shirt at another time, and we can make arrangements for pickup. It would then be up to you to get the lettering done. If you elect to get the lettering done yourself, I will provide you with written instructions that can be taken to any shop that does lettering on clothing. The instructions will be in PDF format, and will be sent to your e-mail address after you purchase a stock shirt.

It is important to note that shirts must be paid for before getting one. This is especially important if you want your name and call letters on the shirt. I cannot order a custom shirt (with name and call letters) unless \$21 or \$23 has been paid to the YARC treasurer first. You CAN, however, ask for a shirt in a particular size for a future order without name or call letters, which will guide me in the sizes to order. The minimum order size is six (6.) It usually takes one to two months to receive a batch of six after I place the order.

Some members have expressed an interest in obtaining a long-sleeve version of the current t-shirt. So far, we haven't been able to find a supplier for long-sleeve shirts in the same style. I will let the club know if and when we find a suitable long-sleeve shirt.

73, Dick Hughes – W6CCD

2008 ARCA/Williams Hamfest & ARRL Arizona State Convention

As Reported by Tom Griswold, N6LSA

Tom and Gail drove their RV to Williams, arriving on Friday and returning home Sunday morning. Tom has attended past Hamfests held at Williams, and he felt that this year was at least as good as last year and probably better.

The hams in the general swap area that Tom talked to seemed to be happy with their sales.

Attendance appeared to be up from last year. The weather, as usual, was hot with rain pouring down about 1:00 p.m. Saturday afternoon.

There were more vendors inside the Exhibit Hall this year, including ICOM, NiCad Lady, RF Stuff, Scorpion Antennas, AMSAT, and others.

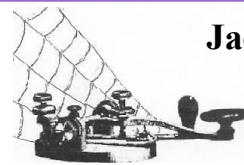
Door prizes were given away every half hour and the main drawings were held at 3:00 p.m. Saturday. The Grand Prize was an IC-718.



Several other events were scheduled, to provide a variety of activities.

It looked like quite a few folks had signed up for the "Hamfest Express" -- a Sunday trip to the Grand Canyon on the Grand Canyon Railroad in a private car.

Photos courtesy of Tom, N6LSA ■



Jack McAlister, KE7FMD

Silent Key

By Jim Clark, N5RO

Jack McAlister, KE7FMD, passed away in June after several major strokes. Jack had been hospitalized for an extended period due to a long illness and a series of strokes. He is succeeded by his wife Nan, two sons and a daughter.

Jack was a member of YARC through last year when health issues prevented him from attending meetings. Jack earned his Amateur Radio Technician License in the club-sponsored class conducted by Chuck Adams, K7QO, and upgraded to General in 2007.

Being a modest person, Jack did not share much of his background with many in the club. He retired from the Marine Corps, having served during the Korean and Vietnam Wars, earning several decorations. He earned a Masters Degree in Math and a Doctorate in Computer Science after retirement, working for a major defense contractor as a systems designer and consulted for other firms for a number of years.

The funeral service was held on Monday, 30 June at the VA Hospital Chapel at 10:00 a.m. ■

Weekly Breakfasts



Tues. Morning Breakfast:

7:00 a.m. at

Back Burner Cafe

8400 E. Long Mesa Drive
& N. Robert Road
Informal – all are invited.

Wed. Morning Breakfasts:

7:00 a.m. at

Iron Horse Restaurant

(Hwy 89 in Chino Valley)
(N 34°43'56.5" W112°27'15.4")*
informal – all are invited

8:00 a.m.

Masonic Lodge

(1280 Willow Creek Road,
2nd Floor; above Bank of America)
informal – all are invited

* Location data (per WGS84) provided
by Fred Zimmermann, N7PJN

Area Repeaters

Frequency	PL	Location	Owner/Club	Auto-Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM			Echo	-500KHz Offset
53.040-	None	Prescott Airport	WB7BYV				-1MHz Offset
145.290-	127.3	Mingus Mtn.	ARES/RACES				
146.780-	91.5	Williams Mtn.	BWARC			IRLP	
146.880-	100.0	Prescott	YARC				
146.980-	162.2	Flagstaff	CARC				
147.000+	162.2	Mingus Mtn	MMRG				
147.040+	100.0	Prescott Heights	W2YAV				
147.140+	162.2	Flagstaff/-Mt. Elden	ARA		Linked to Mt. Ord 147.360-		
147.220+	162.2	Mingus Mtn	VVARA				
147.260+	103.5	Mt. Union	ARES/RACES				
442.150+	100.0	Mingus Mtn	W1OQ/Northlink				
442.350+	100.0	Glassford Hill	N7KPU			IRLP	
445.300-	100.0	Prescott	WINSYSTEM		Node 3727	IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
448.500-	100.0	Prescott	K6JSI				
448.875-	100.0	Flagstaff-Elden	Northlink		Linked		
449.175-	100.0	Towers Mountain	Northlink		Linked		
449.675-	88.50	Prescott Airport	WB7BYV		Linked to P Mtn. 927.3875		
927.3875-	151.4	Prescott	WB7BYV	Yes	Yes	Echo	Be Nice

Y.A.R.C. IRLP NODE
Node Number 3182
442.350+ MHz with a
PL Tone of 100.0 Hz

For more Repeater Information & Listings refer to:

- www.w7ara.org/Web/
- www.azrepeaters.net
- www.azfreqcoord.org/listings.htm

YAVAPAI AMATEUR RADIO CLUB

P.O. BOX 11994

PRESCOTT, AZ 86304

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

Many thanks to Bob Smith, WB6ODR, our Webmaster

