



YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 25 – No. 11 • November 2010

From the President's Desk....



Hello again:

The last scheduled event involving our club, was the Oct. 16, Walk for Diabetes. Our volunteers did an exceptional job, working this event.

I can't say enough to convey my gratitude to all YARC members who helped make this event possible. YES! Amateur Radio played a big part in facilitating this worthwhile event.

Testing Oct 30, 2010 9:00 a.m. at Embry Riddle. Mary AB7NK and group will be holding a Testing session at Embry Riddle. Contact - Mary for particulars.

The November YARC meeting will be held on Thursday, November 04, 2010 at GMMS. Elections are coming up shortly, Vote soon and Often ... (Hi Hi just kidding).

The YARC Net meets every Wednesday evening at 1900 hrs (7:00 pm) and all are welcome; please plan to join in on the festivities. Please, take the opportunity to join the net on a regular basis. This is a great time to talk to and meet other members of the YARC. The frequency is 146.880, - off set, and a CTCSS Tone 100.0 Hz.

The T-Hunt will be held on November 07, 2010 (Sunday following our meeting), at 1:00 pm, starting in the parking lot of The Arizona Credit Union. (Next to Walgreens, located at Gail Gardner Way, and Willow Creek Rd.) The T-Hunt momentum and enthusiasm is growing, so come and join in on the fun. Bring any equipment you have for T-Hunting and we can check it out, and then, we can make helpful recommendations about your equipment. With or without equipment, come join the fun. You can ride with other hunters as an observer until you have enough confidence to try it yourself. When the T-Hunt is over, we get together for some refreshments at a local café. Fox hunting is one of the better phases of Ham

Radio. Pete K6VVR and Jim WB7UZV won last months T-Hunt, and will hide the transmitter this time. Good Luck To All!

Respectfully:

Pete K6VVR

YARC Officers for 2010

President

Pete Morrison, K6VVR
pm_service@earthlink.net

Vice President

Jim Ball, WB7UZV

Secretary

George Imburgia
ad7rl@netsecs.us

Treasurer

Mary Vince, AB7NK
ab7nk@ARRL.net

Board of Directors (includes Club Officers)

Terry Pemberton -- KB7TRE

Will Taylor -- AD7WW

Richard Bozeat -- KE7DTR

Walter Schumann -- KF6SPS

Newsletter Editor: Joe Oliver, AC6AA

joliver@cableone.net

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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.

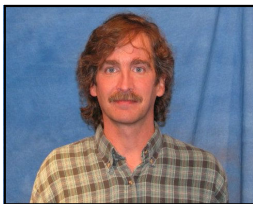
The weekly Net is held every Wednesday at 7:00 p.m. local time on 146.880- repeater. All amateurs are invited to participate, and visitors are always welcome.

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 October 7, 2010 Board Meeting



Meeting was called to order at 1811 hrs. by the President, K6VVR. Also in attendance;

KB7TRE, KF6SPS, KE7DTR, WB7UZV, and AD7RL.

Correspondence read.

Nominating Committee and nominees discussed.

Planning for Diabetes Walk, NRA Birthday and YARC Net Control conducted.

Meeting adjourned at 1843 hrs.

Respectfully submitted,

George Imburgia, AD7RL

YARC Secretary

Minutes of October 7, 2010 General Meeting

Meeting was called to order at 1900 hrs. Following the Pledge of Allegiance; introductions were made.

Attendance: 62 of whom 54 signed in.

New member Erica - KF7MAU welcomed unanimously.

Minutes of the September meeting were approved as published.

COMMITTEE REPORTS:

ARES/RACES: WA6ZZJ reports: The Amateur Radio Emergency Service celebrates its 75th anniversary September to December 2010.

Classes: W7JLC reports 5 instructors are lined up to teach a Technician class,

8:00 AM to 4:30 PM at Embry Riddle on Oct. 23. Jack thanked YARC for sponsoring this event and purchasing new books. To register, call Jack at 771-2344.

Shirts: W6CCD has supply of club shirts available at \$19.00. w6ccd@arrl.net

Badges: WB6ODR is accepting orders at \$6.75 for the custom engraved YARC badges. lrsmith@cableone.net

Refreshments: K6UWV reports coffee, soft drinks and lots of cookies are available.

Elmer: KA7JAS reports the Elmer team is in good shape.

Club Net 146.88- 100 Hz PL, Wed. 7 pm is accepting net control positions. Experienced control operators will provide assistance and a station for first time operators. Contact KE7DTR.

School Clubs: KB7TRE reports 4-5 new participants in the GMMS club since the West Yavapai School Fair at the Rodeo Grounds last week.

Slow Code 146.88- 100 Hz PL, Sunday about 7:30pm, WB7UZV thanked YARC for the use of the repeater. Training materials are available from Jim.

Fox-Hunt: Every Sunday after the monthly meeting, start time 1:00 pm, Arizona Credit Union parking lot adjacent to Walgreen's at Willow Creek and Gail Gardner intersection. Check in on the 146.880 repeater. WB7RFY won last month, and will be hiding the transmitter.

KI6AHH reports that the **Young & New Hams net** is doing well on Sunday nights on the 147.220 repeater. The net has been having about 11 check-ins lately.

Food Bank: KB7TRE is accepting donations for the Yavapai Food Bank. Please keep bringing in food.

OLD BUSINESS:

A special event station will be operating from Gunsite for the NRA birthday on Nov. 17th.

NEW BUSINESS

No new business.

Adjourned 1934hrs.

50/50 of \$55 won by Pat Oliver.

Respectfully submitted,

George Imburgia, AD7RL

YARC Secretary

October T-Hunt



By Jeff Hanna, WB7RFY

The October T-Hunt was fun for all. K6VVR/WB7UZV was first in the area and located the T just 17 minutes after start, with WB6ODR/KD7EEO close behind. A special award was presented to Pete for being first. November hunt will be on Sunday, the 7th, starting at 1:00 PM. More details on club website T-hunt page.



Pete, K6VVR knows the transmitter is close.



A Special Award for this hunt

Bob, WB6ODR, Linda, KD7EEO, Jim, WB7UZV, and Pete, K6VVR

Need a Hand?

If you need assistance, we want to help you. If you are just starting out in ham radio, or simply have run across something that you could use a hand with... technical assistance or answers to questions about the Yavapai Amateur Radio Club, are available from knowledgeable club members.

Don't Hesitate to Ask for Help!!

CALL:

Neil Vince, KA7JAS at: (928) 775-2158

Jim Ball , WB7UZV (928) 445-2997

Will Taylor, AD7WW (928) 445-1717

Need Cards Checked for ARRL Operating Awards?

Jim Zimmerman, N6KZ can check your QSL cards for DXCC, WAS, VUCC, WAC, etc.

For information contact Jim at: (928) 713-0542.

Jim's QTH is at: 778 Grapevine Lane,
Prescott, AZ 86305.

Yavapai Amateur Radio Club

October 2010 Treasurer's Summary

By Mary Vince, AB7NK

Income

9-28-10	KE7WOM	Bob Evans	2053	ARRL/R	36.00
9-29-10	AE7BK	Ron Weber	1056	R	20.00
9-13-10	KE7DTZ	Richard Buttz	5562	R	20.00
10-6-10	AC6AA	Joe Oliver	4861	R/F	20.00
10-6-10	K7DUC	Pat Oliver	---	R/F	---
10-6-10	W7HAM	Ralph Gendron	cash	R/F	20.00
10-6-10	W7PAY	Sharon Gendron	---	R/F	---
10-6-10	K6CMU	Ray Stone	cash	R	20.00
10-6-10	KF6SPS	Walter Schumann	cash	R	20.00
10-6-10	AE7CG	Loren Singh	cash	R	20.00
10-6-10	KF6BTV	Marty Goyette	cash	R/F	20.00
10-6-10	KI6AHH	Tony Jackson	---	R/F	---
10-6-10	AD7RL	George Imburgia	cash	R	20.00
10-6-10	KE7ODP	Diane Dutkevich	cash	repeater don	<u>5.00</u>
Totals					\$331.00

Expenses

9/2010	Hotel St. Michael	1012	1/15/2011 deposit	\$500.00	
9/30/10	Caps Unlimited	1013	sm patches	65.00	
9/30/10	Caps Unlimited (supplier sent wrong size – special price)	1014	lg patches	50.00	
10/07/10	K7DUC Pat Oliver	cash	50/50	55.00	
10/10/10	ARRL	1015	KE7WOM ARRL/R	34.00	
10/10/10	W7JLC Jack Crabtree	1016	5 tech instructor manuals	93.52	
10/10/10	Allegra	1017	Newsletters	31.01	
10/10/10	Caps Unlimited	1018	Priority shipping	6.00	
10/10/10	WB7RFY Jeff Hanna	1019	YARC party gifts	<u>333.80</u>	
Total					\$1,168.33

Beginning Balance	\$ 4,730.39	September ending repeater balance	\$1,104.92
October Income	331.00	October repeater fund	<u>25.00</u>
Expenses	<u><1,168.33></u>		
General Fund Balance	\$ 3,893.06	October repeater fund balance	\$1,129.92
Decrease	\$ <857.33>		

Step Out for Diabetes Walk 2010

By John Broughton, WB9VGJ

The 10th annual Step Out for Diabetes Walk on the Yavapai-Prescott Indian reservation was held 10/16. It was a beautiful morning, which seems to be the norm. I've been involved with providing communications for this event since 2002. It is one of the most enjoyable public service events I've been involved in. We seem to have developed a "standard" crew of operators, except this year a few of them had other obligations.



The event begins every year with a 7:00 a.m. 5K Fun Run. The walk actually involves three walks with distances of 0.7, 1.3 and 4 miles. We didn't get the total number of walkers, but for the 4-mile walk, there were 163 walkers who walked the entire four miles with 180 passing through Water Station 3. It seems some walkers didn't want to walk out the dirt road to the 4-mile turn-around point at Water Station 4.

The folks involved in organizing and running the event are great to work with and they really value the communication assistance provided by the Yavapai Amateur Radio Club.

I'd invite any club member who would like to work a fun, short event to consider volunteering for this event. It is a very good one for someone to gain some experience, as it is slow-paced with not a lot of traffic, and in an exceptionally friendly environment.

My thanks to the operators who worked this event: WA6ZZJ, KD7VBG, WB7UZV, N7RIS, AD7WW, K7CJW and N7PJN.



You can see some of the pictures I took at: <http://tinyurl.com/2cgm7yd> ■



Water Station # 3 Volunteers



Bob, KC7CJW & Fred, N7PJN at Water Station # 4

ADVICE FROM A RETIRED HUSBAND

It is important for men to remember that, as women grow older, it becomes harder for them to maintain the same quality of housekeeping as when they were younger. When you notice this, try not to yell at them. Some are over-sensitive, and there's nothing worse than an over-sensitive woman.

My name is Ron. Let me relate how I handled the situation with my wife, Carol Anne. When I retired a few years ago, it became necessary for Carol Anne to get a full-time job, along with her part-time job, both for extra income and for the health benefits that we needed. Shortly after she started working, I noticed she was beginning to show her age. I usually get home from the golf club about the same time she gets home from work.

Although she knows how hungry I get, she almost always says she has to rest for half an hour or so before she starts dinner. I don't yell at her. Instead, I tell her to take her time and to just wake me when she gets dinner on the table. I generally have lunch in the Men's Grill at the club, so eating out is not reasonable. I'm ready for some home-cooked grub when I get in. She used to do the dishes as soon as we finished eating but now it's not unusual for them to sit on the table for several hours after dinner.

I do what I can by diplomatically reminding her several times each evening that they won't clean themselves. I know she really appreciates this, as it does seem to motivate her to get them done before she goes to bed.

Another symptom of ageing is complaining, I think. For example, she will say that it is difficult for her to find time to pay the monthly bills during her lunch hour. But, boys, we take 'em for better or worse, so I just smile and offer encouragement. I tell her to stretch it out over two, or even three days. That way, she won't have to rush so much. I also remind her that missing lunch completely now and then wouldn't hurt her any as it would help keep the weight off. I like to think tact is one of my strong points...

When doing simple jobs, she seems to think she needs more rest periods. She had to take a break when she was only half-finished mowing the yard. I try not to make a scene. I'm a fair man.. I tell her to fix herself a nice, big, cold glass of freshly squeezed lemonade and just sit for a while. And, as long as she is making one for herself, she may as well make one for me, too...

I know that I probably look like a saint in the way I support Carol Anne. I'm not saying that showing this much consideration is easy. Many men will find it difficult. Some will find it impossible! Nobody knows better than I do how frustrating women get as they get older. However, guys, even if you just use a little more tact and less criticism of your ageing wife because of this article, I will consider that writing it was well worthwhile. After all, we are put on this earth to help each other.

EDITOR'S NOTE:

Ron died suddenly on January 31 of a perforated rectum. The police report says he was found with a Calloway extra-long 50-inch Big Bertha Driver II golf club jammed up his arse, with barely 5 inches of grip showing, and a sledgehammer laying nearby. His wife Carol Anne was arrested and charged with murder. The all-woman jury took only 10 minutes to find her Not Guilty, accepting her defense that Ron, somehow without looking, accidentally sat down on his golf club. ■

468: Ham Radio's Magic Number

By Dan Romanchik KB6NU

Here in the U.S.—where we still measure length in feet—468 is a magic number. Why? Well, the formula for calculating the length, in feet, of a half-wave dipole antenna is:

$$L \text{ (ft)} = 468 / f \text{ (MHz)}$$

If you do the math, a half-wavelength is actually $492/f$, so where did the number 468 come from? The explanation most often given these days is that a radio wave travels about 5% slower in wire than it does in free space, so the distance that a radio wave would travel in a wire is about 5% less than it would travel in free space. Now, I don't know about you, but while I've used this formula for building dipoles, I've never had one tune up perfectly using that number. There are a number of reasons for this, the main one being the height above ground of the dipole. What I've found is that the elements of the dipole are usually longer than they need to be.

I sometimes joke that whoever came up with that number did so that hams wouldn't cut their dipoles too short. After all, it's much easier to make a length of wire shorter than it is to make it longer.

Ward, N0AX, wasn't satisfied with any of the common answers to where the number 468 came from. In the latest issue of QST, he consulted the materials in the ARRL library and found the answer.

The October 1926 issue of QST included an article titled, "The Length of the Hertz Antenna." ("Hertz antenna" was the name most commonly used for a dipole in the early days of radio). The author of that article constructed nine different dipoles and measured their resonant frequencies. He then calculated a value, K, by which you'd multiply the wavelength to get the wire length. If you multiply that number by 300, you'd get values ranging from 423 to 471. The number 468 first appeared in the 1929 ARRL Handbook.

• **468: Continued on Page 7**



By Lloyd, WA6ZZJ

YARC SPECIAL EVENT COMMUNICATIONS.....

TOUR de PEE VEE 1/2 MARATHON...

Saturday, September 25th had 14 YARC members participating in special event communications for the 8th Annual Tour de Pee Vee 1/2 Marathon, 10K, 5K and 2 mile event in Prescott Valley. Operators were in place at 8 different locations to assist in keeping track of runners, updating supplies for volunteers and calling for assistance if runners/walkers were unable to complete the route. All went very well with no major incidents. The Boys & Girls Clubs of Central Arizona thanked us for providing for communication and safety services for their event.

Amateurs involved were: KD7VBG, WB7UZV, AD7WW, AD7UR, W6CCD, KE7IXS, KE7VWN, N7PJN, KF6SPS, K7CBK, N7RIS, KE7WOQ, W7PRG and WA6ZZJ. Thanks to all for your help. It takes the teamwork to make these events happen.

SPECIAL COMMUNICATIONS EVENT SEASON COMING TO A CLOSE.....

With the Tour de Pee Vee and Prescott Road Rally in the history book, the 2010 YARC special event communications season draws to a close. Eight different events were communicated for with a total number of person hours reaching almost 1000, and by the time you factor in the amount of time put into planning and setting up the events, it goes well over that. It is a credit to our members who time after time stepped up to assist with the communications for these events even with two events running on the same day at one time.

The season began with the Ragnar Relay Race in February with 20 YARC members putting in a 12 hour shift at this event. On to April and the Whiskey Off Road mountain bike event where 26 volunteered to assist. The Whiskey Row Marathon in May (a 13+ year YARC supported event) had 24 stepping up to man eight water stations, two quads, the YMCA van and net control. After a three month respite, the season began in earnest once again in September with the March of Dimes March for Babies on Saturday, September 11th. This is a relatively small event and

was well staffed, 11 volunteering for communications. Sunday, September 19th, had two events on the same day with the Groom Creek Classic 1/2 Marathon and the Skull Valley Loop Challenge bicycle event. A combined total of 19 operators handled the two events. The Tour de Pee Vee, on Saturday, September 25th, had 15 operators in service for communications. The last and biggest event in number of operators needed was the Prescott Road Rally on October 1st and 2nd. This, being a two day (Friday and Saturday) event, uses between 30 to 40 operators overall.

Without exception, all of the organizations we support greatly appreciate our services and many maintain that their events could not be run without our help.

Thanks to all who stepped up to assist in these events. Special event communications is one way for YARC to maintain its ARRL Special Service Club status. The 2011 season will begin early in the year once again. In true YARC fashion we will step up to support those who request our communications assistance. I am putting out a call for some of our new members and even long time members, who haven't experienced the fun and satisfaction felt from providing communications for these events, to volunteer in 2011..... ■

• **468:** *Continued from Page 6*

For this article, N0AX did a number of simulations of a 20m dipole at various heights, ranging from 1/8 wavelength to 2 wavelengths. He came up with numbers ranging from 466.4 to 483.4. This is somewhat at odds with my experience, although I must admit that I've never been able to get my dipoles up that high. That's my guess for why my dipoles are almost always shorter than 468/f. At any rate, this article is certainly worth reading. ■

This article appeared in the September 2010 issue of The Radio Hill Gazette. The Radio Hill Gazette is the official publication of the Schaumburg Amateur Radio Club which can be found at <http://n9rjv.org>. The author's website can be found at www.kb6nu.com.



January 2011 - Testing

By Mary Vince, ABNK

By request, there will be a special test session Friday, January 14, 2011 at 6:30 p.m. Seating is limited so please register early. For more information or to register please email ab7nk@arrl.net

Tips and Advice to make sure your license exams go smoothly--

Do you know where your original license(s) are?

Are they signed?

Is your address current in the FCC database?

Do you know your password to access the FCC database?

Do you know what email address you used when you registered with the FCC?

Everyone should keep all their original licenses together in one envelope. If you wish to display your license, make a photo copy and display that.

If you move, be sure and change your address with the FCC. It's a good idea to put that on your list of addresses to change.

FCC rules 97.23 Mailing Address states –

Each license grant must show the grantee's correct name and mailing address. The mailing address must be in an area where the amateur service is regulated by the FCC and where the grantee can receive mail delivery by the United States Postal Service.

Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct mailing address.

Keep your username, password and email address used when you registered with the FCC where you can find it. If you change email addresses, be sure to change it with the FCC as well. If you lose your password, they will only mail your new password to the email address on file.

Many hams have invalid email addresses listed on QRZ.COM. Any place you have entered your email address, keep a list and occasionally check that the information is still current or you may want to unsubscribe or delete yourself from that site all together. Keep your information safe and current. ■

What was David Sarnoff doing on the roof of Wanamaker's department store on April 14, 1912?



David Sarnoff on duty at the NBC Wanamaker station.

Sarnoff, a broadcast pioneer and visionary who would later lead RCA and establish the National Broadcasting Company, was a Marconi radio operator in 1912. He was on duty at the

station atop Wanamaker's when he picked up the message relayed from ships at sea: "U.S.S. Titanic ran into iceberg, sinking fast." He remained at his post for the next 72 hours, carefully transcribing the names of the survivors sent from the Marconi radio operator on the *Carpathia*. Marconi himself was in New York on April 14, waiting to return home to England on the *Titanic*. ■

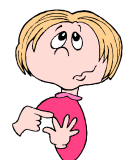
From the American Museum of Radio and Electricity

Upcoming Events

- **October 30, 2010** - VE Testing at Embry Riddle.
- **November 4, 2010** - YARC Meeting at 7:00 p.m. at GMMS.
- **November 17, 2010** - NRA Special Event Operation at Gunsite Academy.
- **January 15, 2011** - YARC Birthday Party at Hotel St. Michael.

Membership Count:

1st Thurs. in September.....177
Gain/Loss.....-4
1st Thurs. in October.....173



NRA Special Event Operation

By John Broughton, WB9VGJ

YARC will be sponsoring a special event operation Monday, November 17th to celebrate the 139th birthday of the National Rifle Association. We will be operating from Gunsite Academy using one of the radio shacks of Buz Mills, K7GST, Gunsite's owner and YARC member. We will be using the call sign K7NRA. Mike Campbell of Clarkdale is generously letting us use his call sign as he has done in the past. The operating hours will be from 8:00 a.m. to 4:00 p.m. All YARC members are welcome to participate. You will find Buz's radio shack to be interesting.

The listing for the special event will be in the Nov. issue of QST and is on the ARRL's Web site at: <http://www.arrl.org/contests/spev.html#nov> (Just enter K7NRA in the call sign box to search for the entry.)

There is also information on the YARC website about the event:

http://www.w7yrc.org/nra_birthday.htm

If you would like to come and participate, please bring a folding chair and whatever snack, lunch and drinks (non-alcoholic) that you would like. There is a refrigerator available in the shack and a bathroom. The club will also be supplying some food.

Buz's address is 3300 West Ravengard Road. Here are the directions to the operating location.

Take Rt. 89 north to Rolling Hills Rd. (at about the 335 1/4 mile mark). Turn left on Rolling Hills Rd. and then turn right at the top of the rise (you'll see a small Gunsite sign with the raven on it) and follow the road to Gunsite. After entering through the Gunsite gate, stay on the road and bear left (actually, straight ahead) instead of turning right into the Gunsite main facility. Stay on this road to 3300 (well marked). Turn right at the 3300 marker following the lane to the gate. Press the call button at this gate and it will be opened (It may already be open.). The barn is under the big tower at the top of the hill. Drive through the gate and straight up the hill to the barn.

Be aware that the speed limit on Rolling Hills Rd. is only 25 mph and it is reported the police keep an eye on speeders. It is too easy to drive faster than that, as it is a rural paved road.

If you need to contact us for directions on your way in, we'll be on the VVARA repeater. If the repeater is busy, you can call on 147.420 simplex.

I encourage any and all YARC members to participate in this event if possible. Please contact me if you have any questions. The past events have been a lot of fun. Buz is a great host and there was a lot of socializing as well as operating. ■

73,

John, WB9VGJ

775-2259

wb9vgj@arrl.net

Upcoming Test Session

Saturday, October 30, 2010
9:00 A.M.

Embry Riddle University
3700 Willow Creek Rd
AX-FAB Building
Please meet in the lobby.

We will test for all license classes and walk-ins are welcome. An email to ab7nk@arrl.net would be appreciated if you plan on attending.

Reminder: It is the applicants responsibility to come prepared to take the exam. For a list of what is needed, especially if you plan to upgrade, please visit our website, at www.w7yrc.org and click on the VE Testing tab.

If you have any questions please email me, Mary, at ab7nk@arrl.net

Arizona Worked All Counties (AZ-WAC) Award

By Mary Vince, AB7NK

Hopefully everyone had a great time during the Arizona QSO party and you were able to collect the Arizona counties that you still needed.

Remember, to qualify for the AZ-WAC award, all you need to do is fill out the application, have it signed by two general class and or above hams and mail it to the club address or email it to az-wac@w7yrc.org. The "HONOR" system governs for this award. ■

Summits on the Air

By Bud Semon, N7CW

Thanks to the great presentation by Ray, N6VR, at the August meeting, we all know about the Islands on the Air program. Recently (in 2002), a small group of British hams decided to expand on that idea and came up with Summits on the Air (SOTA). It has been growing slowly, mostly in Europe, but in July of this year, the program finally made it to the Western USA. As you can guess from the name, the emphasis is on activating mountain tops. The rules encourage hams to get to the peaks under their own power - operation from vehicles or with commercial or generator power is strictly forbidden. There are no restrictions on frequencies or modes - a 2M HT is good enough to activate a peak (no repeater QSOs allowed). However, in order to get credit for a summit activation, you must work at least 4 stations and tell



El Burro (AKA N6KZ) working the SOTA pileups from Mingus Mt.

them your SOTA designation. And you must upload your QSOs into the SOTA database. You can find out all the gory details, including the list of Arizona mountains, at their website, <http://www.sota.org.uk/>.

In order to become World Famous SOTA Activators, Jim, N6KZ, and I decided to activate our own Mingus Mountain. We decided that HTs were just too easy, so we took an HF station. To stay within the spirit of rules, we schlepped our radio, logging computer, antennas and batteries up the last couple hundred feet and set up at a picnic table. I had carefully noted from Ray's talk that Jim is known as "El Burro" in the IOTA world, for his ability to carry large amounts of gear over treacherous terrain. And now, I can vouch for that name - even loaded up with deep cycle batteries, Jim is unstoppable. We set up my Elecraft K3 and Jim's vertical antenna and managed to get on 20 M CW about 9 AM.

I had placed a notification that we were going to be active on the SOTA website and so there were a few folks looking for us. But, given that it was a weekday and we were only running 50 watts, there were not any large pileups of people calling us. We did manage to work a few locals, including slow-speed CW stalwart, Jim, WB7UZV, Dave, WN7L and Jack, W7JLC. We operated for about 4 hours, until the computer battery died. Even though we called CQ and CQ SOTA on SSB for about 20 minutes, we did not get one answer. So we stuck to CW. We ended up with about 36 QSOs, including 7 European stations - 1 in Hungary, 1 in the Czech Republic, 2 in Germany and 3 in England.

If you enjoy the outdoors, I encourage you to grab a radio and head for a listed mountain top. As Jim and I proved, it's easy to become World Famous SOTA Activators and have fun at the same time! ■

YARC PARTY

Come Celebrate YARC's 20th Birthday Bash!

**Saturday, January 15, 2011
Hotel St. Michael
Social Hour 12:00 – 1:00 p.m.
Lunch served at 1:00 p.m.**

PRIZES

PRIZES

PRIZES

Names: _____

Call Signs: _____

Telephone: _____ Email: _____

Choices are: How Many

Prime Rib (special luncheon cut) with Baked Potato _____

Sonoran Chicken breast in cilantro lime oil served on short grain brown rice, topped with tequila cactus butter jus _____

Potato Herb Salmon Fillet served with basmati rice _____

Pasta Prima Vera _____

Meals include: Salad, rolls, butter, green bean almondine, beverage and dessert.

Indicate your choice(s) on your reservation form. The cost is \$25.00 per person, which includes tax and gratuity.

Your reservation form and payment can be given to the treasurer at the November or December club meetings or mailed to:

YARC
PO BOX 11994
PRESCOTT, AZ. 86304-1194

NO WALK-INS PERMITTED AS THE LUNCHEON COUNT MUST BE GIVEN TO THE CHEF NO LATER THAN JANUARY 8, 2011.

Remember: Payment must be received by the treasurer prior to January 8, 2011.

PRIZES

PRIZES

PRIZES

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

Fre- quency	PL	Location	Owner/Club	Auto- Patch	Rem. BaseOr Linked	Vo IP	Notes:
52.560-	100.0	Mt. Union	N7NGM			IRLP	Node 3301
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				
147.140+	162.2	Flagstaff/-Mt. Elden	ARA		Linked to Mt. Ord -		Mt. Ord=147.36
147.220+	162.2	Mingus Mtn	VVARA				
147.260+	103.5	Mt. Union	ARES/RACES				
224.080-	156.7	Mt. Union	WA7JC				
442.150+	100.0	Mingus Mtn	W1OQ/Northlink				
442.350+	100.0	Glassford Hill	N7KPU			IRLP	
448.475-	100.0	Flagstaff-Elden	ARA	Yes			
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.		P mtn=927.3875
449.725	110.9	Mingus Mtn	WA7JC				
449.750	91.5	Williams	K7NAZ		Linked to Win-Sys		
927.0875-	151.4	Mingus Mtn	WB7BYV				
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 HHz

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 Pete Morrison, K6VVR, our Webmaster

