



# YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 21–No.1 • January 2006

## HAPPY NEW YEAR

### From the Desk of the President



2005 ended with a real bang for YARC. The attendance at the December meeting was the largest I've seen since I joined the club in Oct. 2002 (see pictures in this issue). Also, I believe the number of new members who joined the club at the meeting is also the largest I've seen since I've belonged. It was really great to see all the new young hams and their families in attendance. I would like to thank Terry, KB7TRE, for inviting the students and their parents to the meeting. That is a great way to introduce the new hams to the club and to let the parents and siblings see what YARC is all about. I believe the license classes Chuck, K7QO, is giving are really going to be a boon to the club and the hobby itself. The futures of both depend on getting more people licensed, especially younger folks. The club owes Chuck, Mary, AB7NK, Jim, N5RO, and all those who helped with the practice nets and VE examinations a big thanks for their efforts.

Looking back on 2005, I think YARC has made some positive strides in several areas: the license classes; more public service and emergency communications opportunities; the IRLP node, now available through a repeater; an enlarged newsletter mandated by more material submitted to it; the club achieving ARRL Special Service Club status, to mention just a

few. I'm hopeful that 2006 will be an even better year.

Along those lines, I happened to hear a conversation on the VVARA repeater between Bob, K8EQC, and Walter, KF6SPS. Bob was asking Walter for his perception of the two clubs. Having had some people ask me similar questions about the perception of the two clubs, I joined in the QSO for a few minutes. I told them I look at the situation as two clubs complimenting each other, not as two clubs in competition. I did propose a meeting of the VVARA and YARC boards to discuss ways the two clubs might coordinate things and/or work together to the benefit of both and the hams in Yavapai County. Both Bob and Walter liked that idea. I plan to try to schedule such a meeting after the holidays. Bob had a good point about the large number of hams in Yavapai County that don't belong to either club. I think this is an opportunity for a recruitment drive for both clubs and this is one item I'd like to look at. I'm hopeful that such a meeting will be fruitful and, with the results of the YARC survey, I'm also hopeful we'll be able to find some areas of opportunity to make YARC an even better club.

I'd like to encourage all members of our club to feel free to offer suggestions on how we can improve the club, whether on the survey or just to give the board input. If you haven't filled out a survey by the time you read this, please do so.

The post holiday party has been scheduled for January 21<sup>st</sup> at 5:00 p.m. at Pete's Family Restaurant in Prescott

(more details elsewhere in this issue). Judged by the response at the meeting, it looks like we will have a good turnout for it. I encourage all members to consider attending.

I hope everyone had a very good holiday season.

73, John, WB9VGJ

### 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. 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 local 146.880- repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek Road 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

**YARC Officers for 2006**

**President**

John Broughton, WB9VGJ  
wb9vgj@arrl.org

**Vice President**

Dick Hughes, W6CCD  
w6ccd@arrl.net

**Secretary**

Pat Oliver, KE7DUC  
joliver@commspeed.net

**Treasurer**

David Passell, K6UWV  
davidrex@northlink.com

**YARC Board of Directors (includes Club Officers)**

Rex Mauldin – N7NGM  
Ken Severance – WA6AQK  
Richard Bozeat – KE7DTR  
Walter Schumann – KF6SPS

**Newsletter Editor:** Joe Oliver, AC6AA

## January Club Dinner

We hope you are planning on joining us for the January 21st dinner at 5 p.m. at Pete's Family Restaurant. Pete's is located on Iron Springs Road, across from JoAnn's Fabrics and the newest Wal-Mart. Reservations are required and need to be in no later than January 16. Please choose from the following three choices listed below and either send me your information to [rosevear520@cableone.net](mailto:rosevear520@cableone.net) or call 772-2180. We need to have a head count for the restaurant so they can order the food. Hope to see you all there.

Dinner is \$11.95 per person plus 15% gratuity for a total of \$13.75 per person.

Choices are Pot Roast, Malibu Chicken, or Grilled Whitefish. All meals include Garden Salad, Fresh Vegetable, either Saffron Rice or Garlic Mashed Potatoes, rolls and Butter. Dessert is Double Fudge Cake or Ice Cream.

Please pay by Check (made out to Y.A.R.C.) or cash at the dinner.

Bob Rosevear, WB7RRQ

### Minutes of December 1, 2005 General Meeting



John, WB9VGJ called the meeting to order at 1905. The Pledge of Allegiance was recited and members introduced themselves.

**Visitors:** Vi Hughes; Nathan Rupe; Susan Rupe; Jim Rupe; Jack Garner, KB7HH; Marty Goyette, KF6BTV; Tony Goyette, KI6AHH; and Ruth Collins.

**New Members:** George Marcheschi; Edward Yurkiewicz; Dylon Brown; Jack McAlister, KE7FMD; Mike Keefe, KC7QZB; Austin Rupe, KE7FMI; Pete Morrison, K6VVR; Matt Brenner, KE7FMG; Rick Horsley, N7TXH; and Doreen Freeman, K7DRV were voted into the club by a motion made by Bob, WB6ODR and seconded by Terry, KB7TRE.

**Meeting Minutes:** A motion to approve minutes of the November 3, 2005 Board meeting was made by Terry, KB7TRE and seconded by Jim, KD7RMV. A motion to approve the General meeting minutes was made by Lloyd, WA6ZZJ and seconded by Terry, KB7TRE. Both were unanimously approved by membership.

**Secretary's Report:** Joe, AC6AA presented a list of equipment donated to the club by Oscar Green, AB7YR. The list was made available to attendees, and the list will be mailed with the December newsletter to those not given a notice by e-mail.

**Treasurer's Report:** Dave, K6UWV reported a balance of \$1869.57.

### Committee Reports:

- **ARES/RACES/Public Service events:** Lloyd, WA6ZZJ reported on the ARES/RACES training meeting held in Cottonwood on Saturday, November 5<sup>th</sup>. He encouraged training for all hams. On Monday evening, four operators participated in an EOC exercise with Chino Valley. ARES/RACES will have their own 145.290 repeater installed on Mingus Mountain in a week or so.
- **IRLP:** Jack, W7JLC reported that the club's IRLP has been moved to the Glassford Hill 440 repeater. He intends to include an article on the new installation in the January newsletter.
- **Public Information:** Jim, N5RO has club brochures available. As Public Information Officer, Jim reported that local newspapers have agreed to include club articles. He also is working with the Boy Scouts to get their Radio Merit Badges.
- **Patches/Badges/Shirts:** Dave, K6UWV has club patches for \$3.00; Bob, WB6ODR has badges for \$5.60. Bob presented badges to Terry's newly licensed students -- Austin, KE7FMI and Matt, KE7FMG. The club now will provide a badge and a year's club membership to all students in Terry's class that acquire an amateur radio license. All new amateurs from the club's license classes, will receive a one year club membership. Dick, W6CCD can order regular club shirts for \$21.00.
- **License Class:** Mary, AB7NK read a letter of appreciation from Ed Becker, WA7QKX from Golden Valley, AZ. Ed passed his Extra Class test at the November VE testing at the Jeep Posse Bldg. and thanked Mary and VE's for their efforts.

# YAVAPAI SIGNAL – JANUARY 2006

## Old Business:

- **Post Holiday Dinner:** Bob, WB7RRQ reported that the dinner will be held at Pete's Family Restaurant on Saturday, Jan. 21, 2006 at 5:00 p.m..
- **Amateur TV Transmitter:** Not yet in use by Terry, KB7TRE.
- **Net Control for 2006:** A sign-up sheet was passed around for volunteers.
- **Amateur Practice Net:** Jim, N5RO indicated that a new Practice Net will start up on Dec. 6, 2005 at 7 p.m.

## New Business:

- **Club Survey:** Members were asked to fill-in club survey sheets and turn them in to Joe, AC6AA.
- **Laughlin Road Rally:** Bob, KC7CJW needs additional operators for the Dec. 9<sup>th</sup> 17 mile road rally.
- **Embry-Riddle Students:** Jack, W7JLC stated that a new ham ground satellite tracking station is being built at the University, and several women engineers may be signing up for the next license class.
- **Radiograms:** Terry, KB7TRE has arranged for Christmas Radiograms for students and staff of the Granite Mountain Middle School. Mary, AB7NK will be the message handler. There will be a training session with students on traffic handling.

## Announcements:

- **Tonight's Program:** Lee, K6ADA is the speaker for tonight's program.
- **Need Programs:** John, WB9VGJ is working on several leads for programs for 2006.
- **Thank You:** John thanked the 2005 officers and board members leaving and those carrying over to next year.

A motion was made by Tom, W2JKG and seconded by Terry, KB7TRE to adjourn the business portion of the meeting at 2000.. The motion carried and there was a break for refreshments.

**Drawing:** Bob, WA7YUL won \$30.00 in the 50/50 drawing and gave back \$15.00 to the club.

**Program:** Lee, K6ADA gave a very entertaining account of his experiences in ham radio and broadcasting. The Program ended at 2100.

Respectfully,

Joe, AC6AA, Secretary

## Minutes of Board Meeting on December 1, 2005

A Board meeting was held at 1830 on December 1, 2005. Present were John, WB9VGJ; Joe, AC6AA; Dave, K6UWV; Bob, WB7RRQ; Terry, KB7TRE and Walter, KF6SPS.

Bob, reported on restaurants available for the January club party. The \$11.95 menu at Pete's Family restaurant was selected.

John asked the Board to e-mail him a list of members that they feel deserve a certificate of achievement for the year.

Joe presented a list of equipment donated to the club by Oscar Green, AB7YR. It was decided to make the list available to club members attending tonight's meeting, send a list to all members on e-mail distribution, and include the list with December's newsletter to be mailed out shortly, so all club members would have an opportunity to purchase these items.

Terry will have two students recently licensed and their parents at tonight's meeting. The Board discussed and approved giving a year's club membership and badge to any student obtaining a license from Terry's class. It was further decided that any person completing the club's license class would receive a one year club membership.

The meeting adjourned at 1845.

Respectfully,

Joe, AC6AA  
Secretary

## For Sale



### Drake Twins

T-4X Transmitter, R-4A Receiver, MS-4 Speaker/Power Supply, and Asiatic No. 10-D Microphone  
With Instruction Manuals  
**\$400**



### Ameritron ARB-702K Interface Buffer

Connects an amplifier to a Kenwood Transceiver having a 7-pin din plug.

With Instruction Manual  
**\$20**

Call Joe, AC6AA at (928)771-9277 or email at [joliver@commspeed.net](mailto:joliver@commspeed.net)



**YARC TREASURER'S  
REPORT for  
December 2005**

*David Passell, K6UWV  
Treasurer*

**INCOME**

**New Members** (see applications for additional information)

|                   |         |        |                  |       |   |
|-------------------|---------|--------|------------------|-------|---|
| Matt Brenner      | KE7FMG  | 12//06 | student          | nc    |   |
| Dylon Brown       | no call | 12//06 | student          | nc    |   |
| Glen Dechert      | W6KNX   | 11//06 | 12/06/05 PMO     | 20.00 | * |
| Rick Horsly       | N7TXH   | 12//06 | 11/03/05 cash    | 20.00 |   |
| Mike Keefe        | KC7QZB  | 12//06 | 12/01/05 201     | 20.00 |   |
| George Marcheschi | no call | 12//06 | 12/01/05 cash    | 20.00 |   |
| Jack McAlister    | KE7FMD  | 12//06 | lic. class grad. | nc    |   |
| Pete Morrison     | KE7VVR  | 12//06 | cash             | 20.00 |   |
| Austin Rupe       | KE7FMI  | 12//06 | student          | nc    |   |
| Edward Yurkiewicz | no call | 12//06 | cash             | 20.00 |   |

\* needs application

**Renewals** (Update Roster)

|               |        |        |               |       |
|---------------|--------|--------|---------------|-------|
| David Passell | K6UWV  | 10//06 | 12/02/05      | 20.00 |
| Bob Rosevear  | WB7RRQ | 12//06 | 12/01/05 7533 | 20.00 |
| Judy Rosevear | KC7MTY | 12//06 | family        | nc    |

**ARRL Renewals**

none

**Other**

|               |                  |          |      |        |  |
|---------------|------------------|----------|------|--------|--|
| Joe Oliver    | AB7YR donated    |          |      |        |  |
|               | TS 930S Transcvr | 11/20/05 | 3370 | 395.00 |  |
| 50/50 drawing | 60 tickets sold  | 12/01/05 | cash | 60.00  |  |
| unknown       | T-shirt          | 12/01/05 | cash | 20.00  |  |
| unknown       | 3 patches        | 12/01/05 | cash | 9.00   |  |
| John          | donation         | 12/01/05 | cash | 9.00   |  |
| Bob Ower      | 50/50 donation   | 12/01/05 | cash | 15.00  |  |

**Total Income.....\$668.00**

**EXPENSES**

|               |                 |          |      |       |
|---------------|-----------------|----------|------|-------|
| Bob Ower      | 50/50 winner    | 12/01/05 | cash | 30.00 |
| Robert Smith  | Badges          | 12/01/05 | 834  | 10.60 |
| David Passell | cookies         | 12/01/05 | 835  | 9.16  |
| Insty Print   | Nov. Newsletter | 12/07/05 | 836  | 40.15 |

**Total Expenses.....\$89.91**

**Cash Flow (Income – Expenses).....\$578.09**

**Deposits 12/13/05.....\$638.00**

**PREVIOUS REPORTED CHECKBOOK BALANCE.....\$1869.57**

**CURRENT CHECKBOOK BALANCE.....\$2447.66**

# January Program



Doug, KV8TD and John, WB9VGJ are speakers for the Evening.

Doug's talk is titled **"DXing for Beginners"**.

John's talk is titled **"Paper Chasing – Confessions of a Former Wallpaper Junkie"**.

## Want to Create a Website?

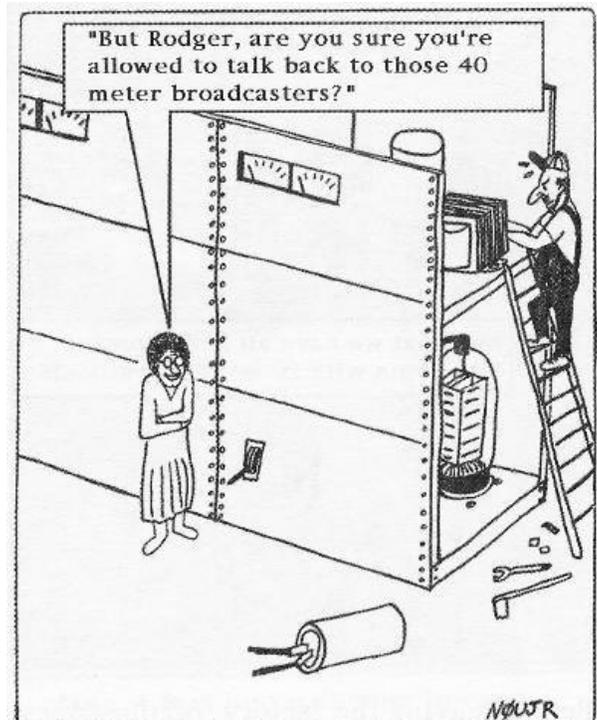
**By Bob Smith, WB6ODR**



If you know anyone wanting to put up their own web site, invite them to click on the graphic at the bottom of our home page for [www.w7yrc.org](http://www.w7yrc.org).

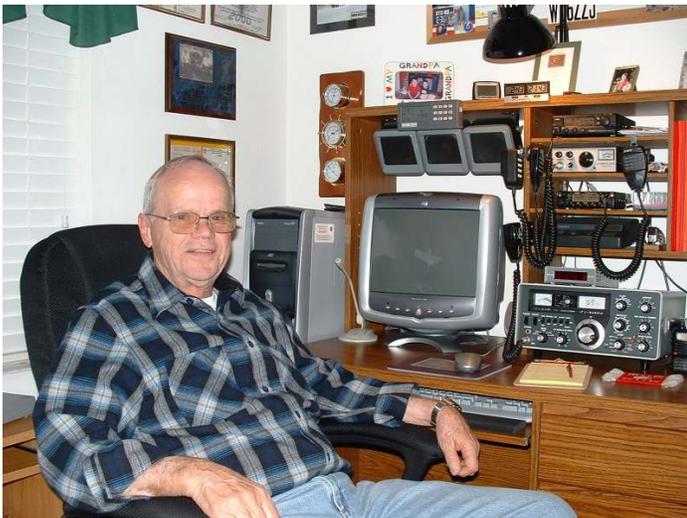
If someone follows this hyper link and creates a web site from this Invitation, the club will get an \$80 referral fee paid to our account. That will float our web site for another year plus. I take care of 3 different web sites and all are hosted by Tiger Tech. I know that anyone who subscribes to Tiger Tech as their web host will be just as satisfied.

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## This Month's Featured Ham

By Pat Oliver, KE7DUC



January's interesting Ham of the Month is Lloyd Halgunseth, WA6ZZJ.

Lloyd first received his Novice license in April 1952, while living in southeastern North Dakota. His call sign at that time was WNØIRQ. This license expired in 1953. In 1954, Lloyd joined the Army and since he scored very high on Morse code, he was sent to radio school in 1955, and was stationed in Germany. He has not worked CW for awhile, although he enjoys it and listens now and then, copying it in his head.

Lloyd was re-licensed in July 1962, as WA6ZZJ. At that point, he worked CW quite a bit and some DXing. However, since 1964 he has been mainly involved in emergency communications starting with Los Angeles County Disaster Communication Services.

He rarely works HF anymore because he is involved with other things. He is more interested in VHF and UHF, since that is what is used in his ARES/RACES work. Lloyd is the District Emergency Coordinator/Radio Officer in this area. He stated that the biggest problem at this time is coordination of communications between all the relief agencies. One agency will be on one frequency, while another is on a different frequency. He believes that hams can solve problems of interagency communication. Here in Yavapai County, all the agencies can talk to each other, but if a major disaster occurs, and people were here from other areas, we would run into a problem.

Lloyd's most memorable contact was in Temple City in 1962, when he had a CW contact with a young man on his first contact.

Lloyd built his first station with a Knight Kit put out by Allied Radio. He also built several Heathkits.

Some of his QSL cards were memorable, but none outstanding.

Lloyd would like more people in the club to become active. He is happy that the young people are now joining. He would welcome more participation in field day.

Lloyd graduated as an Electronic Technician in 1963. However, since United Parcel Service paid better than any electronics job, he chose to stay with UPS until retirement in 1994, when he came to Prescott with his wife Jan.

We are fortunate to have an individual such as Lloyd, in our club and spearheading Amateur Radio emergency communications in our area. ■

### Need a Manual or Modification?

Missing a manual or schematic for a piece of gear you acquired? Want to check for applicable modifications for your radio? If so, you might be able to acquire that much-needed document or modification on the Internet—and *its free!*

AC6V's "Amateur Radio and DX Reference Guide" website <http://www.ac6v.com/> contains a wealth of information on over 700 radio topics. Of the 30 areas of interest listed, #5, "Manuals" provides a link to "TONS OF MANUALS ON LINE" at <http://www.mods.dk/>. With over 3,000 articles in the database, you can find modifications and manuals for many types of receivers, transmitters, transceivers, power supplies, modems, and other equipment..

Using the Search engine or Navigation bar, you can find schematics, pictures, manuals, or modifications for **ADI, Alinco, AOR, Bosch, Drake, Icom, Kenwood, Motorola, Radio Shack, Standard, Storno, Ramsey, Regency, Uniden, Yaesu**, and other equipment.

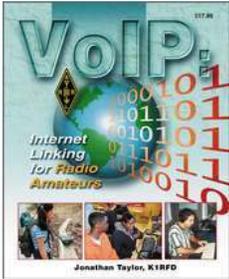
Another link titled "TONS OF MANUALS ON-LINE FROM XE1BEF" leads you to an additional site with all sorts of manuals.

The next time you need a manual or are looking to modify your equipment, check out these websites.

### Antenna For Sale

Used HF vertical, appears to be 80-10. Looks good but I have never had it up so can't attest to its performance.  
**\$35.00.**

Roy, AD7FW. 775-6592, [onenewadventure@aol.com](mailto:onenewadventure@aol.com)



# NODE TALK

By Rex, N7NGM

Both IRLP and Echo Link have been used for amateur radio communication for quite sometime now and starting with this new column for our monthly newsletter, both will be included for examination as to the usefulness, limitations, strengths and impact on our hobby/service.

Along with this column, will be a report of our club sponsored IRLP node so that you the membership can see how it is being used from one month to another. It will be interesting to see as the year progresses, which nodes are favored over others.

Such a log is not as easily obtained with Echo Link as is with IRLP where there are currently several users and potentially more, with only one node through which to make contacts with others.

Echo Link is something still new to me, as I have been experimenting with it for several months now from my computer and not from a radio which I hope to change, as it is my intention to link it to the 52.56 Mt. Union repeater as soon as I can.

With Echo Link, I have made several contacts with other stations including the local 147.22 repeater during the morning Knobby-Knee net held at 7 a.m. until about 8-8:30 a.m. depending upon how many people check in.

At the last month's meeting of the Verde Valley club, it was voted upon to restrict the node on this repeater to club members only, with a few exceptions, because foreign users were connecting to the N7NEO node and then went about their conversations which tied up the repeater from its intended use, which is to serve local operators first.

In future columns, I will discuss the origins of our local club node and its transition to the local Glassford Hill repeater. I mainly want to focus on interesting contacts made with IRLP and Echo Link, so that you can make an informed decision yourself as to which of these two you might want to set up yourself from your home.

Among the use of either of these nodes, is the ability to arrange a contact with a friend and then switch over to an HF frequency in which to conduct a true amateur radio contact. Knowing that some of our members travel quite a bit, it might be rather useful to have a local simplex node available from your home through with you can make a contact with someone and ask for important travel information such as weather and road conditions.

One scenario that I can recall occurring many years ago where either of these nodes types could have been useful, was when a former mayor or Prescott, Bob Morgan who was a ham at the time, and may still be, was enroute to Tucson one early December day, when the extreme cold froze the gas lines in the south end of Prescott causing a disruption in service.

It was fortunate in this case, that Bob happened to be listening to the 147.22 repeater at the time, so he was able to

turn around and do whatever it took as our mayor, to restore service to the area. Had he been further away and knew to listen to a known node in Tucson, it would have provided a means for an amateur in our area to contact him in Tucson, or some other far off place, and inform him of a local emergency.

Of course, it was even more fortunate that Mr. Morgan was an amateur radio operator at the time and could get the message even quicker than otherwise would have normally been possible, as cell phone usage was not popular in the early 1990s as it is now.

This event that I have described also illustrates the importance in presenting amateur radio to many new people and all the fun things that can be done with ham radio simply because we never know when someone else becomes our mayor, council member, a board of supervisor, police chief, town or city manger and so forth.

It would certainly be interesting to know from Terry, KB7TRE, how many students he has taught over the years who have gone on to become decision makers within their community, people whom amateur radio could play an important role in their lives, or the lives of those they help. ■



## POSTAGE GOING UP!

New USPS postage rates will go into effect on January 8, 2006. First Class postage will go up to 39 cents. This means an additional cost to mail the Yavapai Signal.

Currently, the cost of printing each copy of the Yavapai Signal is about 84 cents. Adding 39 cents to mail the newsletter in 2006, amounts to \$1.23 per copy. We print 12 issues per year, which adds up to \$14.76 annually for each member that requires a mailed copy. This is about 74% of a member's \$20 annual dues.

For every member who can accept the newsletter electronically, the effect is to add \$14.76 annually to the treasury.

Of course, not everyone who is on e-mail can accept the newsletter electronically. For these members and for members who choose not to be on the Internet at all, a copy will be mailed to them if they do not attend a meeting.

If you have e-mail, but have been receiving the newsletter on paper, please consider trying the electronic edition. If you read it on screen, you can choose to zoom to a larger print size to make things easier on the eyes. You also can print it in color for reading, for filing away, or for swatting flies.

For those getting our newsletter by e-mail – Thank you!



# ARES/RACES

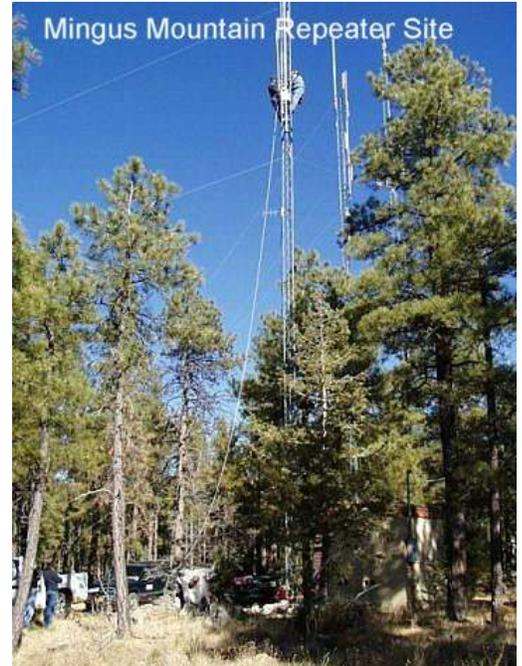


## NEW REPEATER

It was a nice sunny Fall morning on Saturday, December 10<sup>th</sup> when a team of six ascended Mingus Mountain to install the new ARES/RACES 145.290 MHz with 127.3 pl repeater. Included in the team were Technical - Chuey, WA7JC and Tony, WB6LWI. Tower crew - Neil, KA7JAS and Lee, KC7CBK. Ground crew - Lloyd, WA6ZZJ and Assistant ground crew and photographer Mary AB7NK.



The temperature was just right for doing the necessary work. The repeater was placed in the building while Lee and Neil were climbing the tower to about the 50 foot level +/- where they were ready for the ground crew to haul up the hard line, antenna brackets, standoff and antenna. Having already been tested for a couple of weeks before hand the repeater was ready to be put on the air as soon as everything was in place. Everything went according to plan and the repeater has been on the air and working real well ever since. A big THANK YOU to all parties that were involved.



Now that the new repeater is in place the Yavapai County ARES/RACES Monday night net

will switch to that frequency effective Monday, January 2, 2006. Along with a change of frequency for the net it will also have a new starting time of 1900 hours instead of 1845. The net that has been held on the 147.260 Mt. Union repeater will be discontinued at that time and there will just be one net. The Arizona Sector 8 Skywarn Net will continue to be held on the Mt. Union repeater at 1930 hours on Monday night.

Holding just one net and having it on Mingus Mountain will give a chance for more of our members to take Net Control duties and obtain the training and practice necessary to improve their emergency communications skills. At the same time it will give the opportunity to hold more on the air training during the net.

### Public Service...

Our normal Public Service Communications Events have settled down now with the next scheduled event being the Whiskey Row Marathon on Saturday, May 6, 2006. I will be returning our commitment to the YMCA for support of this event in the next few days so mark your calendars now and plan to participate. Normally 18 to 20 operators are needed for this event with 4 positions requiring a high clearance vehicle.

Public Service Communications Events are excellent practice for honing our emergency operating skills along with providing support to the event sponsors.

I want to thank all of the members who participated in our Public Service Communications events in the last year and look forward to seeing some new faces and call signs at the 2006 events. Try it it's fun.....

**Lloyd, WA6ZZJ**

**CQ DX de YARC – JANUARY 2006**

By Dick Diddams, W7QHE

| DATE       |            | DXCC ENTITY    | CALL   | QSL VIA   | REPORTED BY     | INFORMATION  | <p>--- MONTHLY HIGHLIGHTS ---</p> <p><b>DESECHEO ISLAND (KP5)</b></p>   |
|------------|------------|----------------|--------|-----------|-----------------|--|--|
| START      | END        |                |        |           |                 |  |  |
| Now        | 2005 Dec31 | Thailand       | HS0ZFI | SM5GMZ    | SM5GMZ 20050825 | CW SSB PSK31 RTTY; spare time operation                    | <p>KP5 was unexpectedly activated by N3KS/KP5 and K3LP/KP5 on the 16<sup>th</sup> of December, for two days. The 360 acres (0.56 square miles) island is located in the Mona Passage between Puerto Rico and Hispaniola, 14 miles off the coast of Rincón.</p> <p>Christopher Columbus discovered the island, but Nuñez Alvarez de Aragón did not name it until 1517. Desecheo terrain is rugged, its highest peak reaching 676 feet.</p> <p>The Desecheo National Wildlife Refuge was established in 1983. Today it is an important site for seabird nesting. Desecheo is home to 3 endemic lizards and the endangered cactus, <i>Harrisia portoricensis</i>.</p> <p>KP5 is number 6 on the <u>100 Most Wanted</u>.</p> <p><b>KAZAKHSTAN (UP)</b></p> <p>Native Kazakhs, a mix of Turkic and Mongol nomadic tribes who migrated into the region in the 13th century, were rarely united as a single nation. The area was conquered by Russia in the 18th century and Kazakhstan became a Soviet Republic in 1936. During the 1950s and 1960s agricultural "Virgin Lands" program, Soviet citizens were encouraged to help cultivate Kazakhstan's northern pastures. This influx of immigrants (mostly Russians, but also some other deported nationalities) skewed the ethnic mixture and enabled non-Kazakhs to outnumber natives.</p> |
| Now        | 2006 Feb28 | Chad           | TT8PK  | F4EGS     | F5NQL 20051130  | By F4EGS; 20-10m, perhaps 40m; digital modes, perhaps SSB. |  |
| Now        | 2006 Jan15 | Kazakhstan     | UP1SAT | UN7ED     | MM0DFV 20051211 | By UN7ED; SES for "KazSat" broadcasting satellite.         |  |
| Now        | 2006 Jan15 | Kazakhstan     | UP2SAT | UN0LL     | MM0DFV 20051211 | By UN0LL; SES for "KazSat" broadcasting satellite.         |  |
| Now        | 2005 Dec31 | Micronesia     | V63O   | JK1FNL    | 425DXN 20051022 | By JK1FNL fm Pohnpei (OC-010) 80-6m; CW SSB RTTY.          |  |
| Now        | 2006 Jan01 | Cayman Islands | ZF2CJ  | AB2RF     | AB2RF 20051009  | By AB2RF; focus on low bands and digital modes             |  |
| 2006 Jan05 | 2006 Jan22 | West Kiribati  | T30DX  | OH6DX     | 425DXN 20051126 | By OH6DX OH1AWW OH6KN fm Tarawa (OC-017); 160-30m.         |  |
| 2006 Jan06 | 2006 Mar06 | Cambodia       | XU7ADI | SM5GMZ    | SM5GMZ 20050825 | By SM5GMZ; HF + 6m; CW SSB PSK31 RTTY; spare time only.    |  |
| 2006 Jan07 | 2006 Jan21 | Cambodia       | XU7ACY | K2NJ      | N02R 20051128   | By N02R fm Sihanoukville; 160 80 40m; mainly CW, some SSB. |  |
| 2006 Jan15 | 2006 Jan22 | Congo          | 9Q     | F5HRH     | F5NQL 20051108  | By F5HRH; license applied for                              |  |
| 2006 Jan18 | 2006 Feb01 | Antigua        | V26    | G4OOC     | 425DXN 20051203 | By G4RCG K17VR as V25G and V26VR fm NA-100; mainly CW.     |  |
| 2006 Jan20 | 2006 Jan26 | Juan Fernandez | CE0Z   | CE3BFZ    | N2WB 20051206   | By CE3BFZ CE3GL XQ3SA CE3GRG CE3VII CE3BYL                 |  |
| 2006 Jan20 | 2006 Jan30 | Guernsey       | GU     | Home Call | DJ8NK 20051206  | By F6EXV DJ8NK as MU0EXV; 160-10m; SSB CW Digital.         |  |
| 2006 Jan20 | 2006 Feb03 | Somalia        | 6O0N   | I2YSB     | 425DXN 20051119 | By I1HTJ I2YSB IK1AOD IK1HJS IK2DIA; 160-6m; CW SSB.       |  |
| 2006 Jan24 | 2006 Feb02 | Tanzania       | 5H1C   | F5TVG     | F5NQL 20051109  | By F4AJQ F6AML F5JSD F5VHQ F9IE fm Zanzibar Is (AF-032).   |  |

**IRLP Status and Notes**

By Jack Crabtree, W7JLC

As many of you know from my IRLP status report I made at the December YARC meeting, the club's IRLP node is now on the 442.350 MHz Glassford Hill repeater. You will need to use a 100 Hz tone to access the repeater and the node.

Operation of the node is much like that of the previous simplex node, except the need to LISTEN first is even more important. Before using the node, listen for a couple of minutes to make sure the repeater and/or node is not being used. Once you are satisfied the system is not in use, then announce your intention and send the 4 DTMF tones of the node you wish to connect to. A listing of the IRLP node and reflector system can be found at <http://www.irlp.net/> Please be courteous of others. We are welcome to use the repeater-node system, but please allow other repeaters a chance to make their calls as well. Feel free to monitor other repeaters and the IRLP reflectors, but DO NOT connect, then arrive at your destination and simply leave the system going, with out sending the 73 disconnect code. The system will eventually time out but it is not courteous to tie up the repeater unnecessarily.

This repeater is solar powered. It has been reported that during long spans (several days) of cloudy weather, the repeater batteries can get low on power. If you see this happening, please limit your use of the IRLP node to necessary communications.

The use of the IRLP Internet backbone can be a lot of fun, and it can allow you to keep in touch with friends around the world. If you haven't tried it, do give it a try sometime. Feel free to contact me for a demo or any help.

I looked at the log for the last two weeks and found there were 56 node connects, mostly outgoing but a few incoming. Connects with the Cross Roads Reflector (9453) in Dallas was the most popular followed by the Western Reflector (9250) in Las Vegas. Outside of the U.S., Australia appears to be a popular place to connect. Connects with Darwin (6800) and Waga Waga (6260) were listed several times. There were also connects with Alaska, Guam, England, Germany and Italy listed over this period. Rex, N7NGM, has suggested a monthly IRLP travelogue of sorts be added to our newsletter. As soon as I figure out how to do this (I am still struggling to learn Linux), I will certainly make the log available.

Again, feel free to enjoy this aspect of ham radio. It can be a valuable tool as well as plain fun. As long as we continue to keep our courtesy to others in mind, the use of the Glassford Hill repeater and IRLP can be a long and harmonious relationship. A special thanks goes to Jim Ogden, N7KPU, for allowing us to use his repeater. Happy holidays everyone! ■

## Radio Nostalgia Stories Part 2

by Paul, N6DMV

Paul is president of the International Hungarian Amateur Radio Club with nearly 200 members in 19 countries. This series of articles relates his experience as a lad in Hungary, with stories involving radio during and after World War II.



P-38 Lightning

1944

### War. Sirens. Shootings. Bombings. Misery.

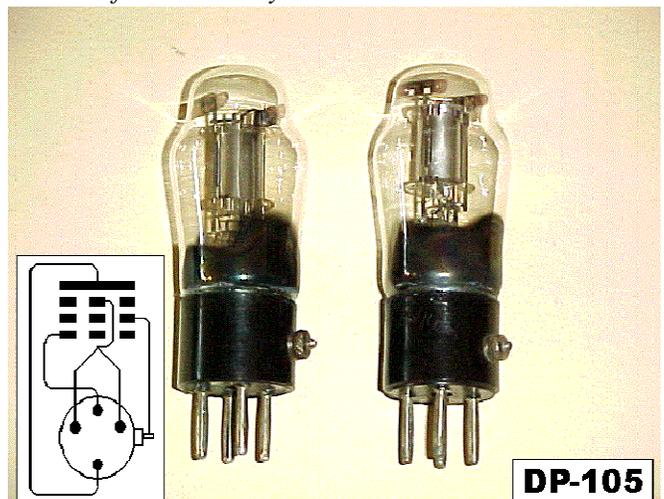
Then came the last Boy Scout camp before Hungary was overrun by the Russian Army - the Germans occupied us already. We picked a beautiful place in a thick forest, near a small creek and a few hundred yard wide clearing in the mountains. We set up our tents - large blue colored ones - each capable of accommodating a dozen boys. The tents were arranged in a semi-circular pattern at the edge of the clearing. In the middle stood a tall flagpole with the tricolor - red-white-green Hungarian flag, our Old Glory. At this time the war was in full swing. We experienced numerous flights mostly by American planes at very high up; we saw quite a few air fights with heavy losses on both sides. The older boys were already taken away by the Army (as my brother) and because of this at that time, I believe I was the youngest troop leader in the country at almost 14. I had the responsibility to alert the camp if enemy planes were approaching. I could do this because I had built a 2-tube battery operated portable radio set fitted into a small luggage case. I either designated a boy, or more often I myself monitored the radio transmissions to get the information on the 'enemy' planes. If enemy planes (American, British, Russian) entered Hungary's airspace, the main 120-kilowatt broadcast-band transmitter stopped the programs and code words were transmitted mostly in German. The codes were secret, but I happened to know them.

One beautiful sunny day about 11 AM I picked up the radio transmission warning for the area we were in. The transmission indicated that a small number of scout planes were in our area. I did not hesitate, and with my whistle I ordered alarm! I trained the boys to immediately drop everything and disperse in the forest upon hearing the warning signal dit-dit-dit-dit-dit-dit-dit. This measure was necessary to minimize the casualties should bombing or machine-gun attack occur. Scouts were not supposed to be

closer than 50 feet from each other. Not more than 30 seconds later I heard the hum of approaching airplanes. Three American P-38 Lightning long range reconnaissance fighters appeared in a row, swooping down on us and opening up their machine-guns. I was the last to leave the ship - so to speak - as a responsible captain would do - and was able to jump into my tent and out through the back toward the trees just in time. Disappeared behind a thick oak tree, and between the tree limbs I could see the planes as they turned around and repeated the machine gun firing 3 more times. A few bullets hit the ground near me a few inches away, throwing dried foliage around in a hysterical swirl--and there was quiet again. I ordered the boys by shouting to remain where they were and asked if anybody got injured. No answer. My breath stopped - I called the alarm too late! They all got killed? Fortunately no one was hurt, they were just too scared to be able to utter a single word. I sneaked back to my tent and retrieved the radio among the bullet-ridden tent pieces. The radio was not hit. I gave the signal to return to the camp. Then slowly the boys started to emerge from the forest. The little ones smelled a bit funny, but that could be cured easily by a bath in the nearby creek. We spent the rest of the day mending the tents. The temperature in the mountains is quite low in the forest at night, and the big holes in the canvas are contrary to the retention of the body heat we generated.

At the evening 6 o'clock daily Assembly in front of the flagpole I was able to report that nobody was hurt. I inspected and counted each troop and scout and tent. I got a 'thank you' and a handshake from the commander. They thanked me for saving the lives of the Scouts. For which I said: "The glory goes to the two type DP-105 vacuum tubes in my radio. They are the heroes, I was only an instrument in the chain of events". The commanders raised their eyebrows while looking at each other. This guy went berserk due to the pressure of the raid, they thought. "Well", they said, "thank you anyway". Assembly dismissed!

*Note: I was able to find two DP-105-s on a flea market in Europe. Hope they are in working condition, I will attempt to replicate the radio I used in the raid. I would give my IC-706Mk2G for that battery set! ■*



DP-105s – The real Heroes

**Area Repeaters**

**Weekly Breakfasts**



**Tues. & Thurs. Morning Breakfast –7:00 a.m. at Michael’s Restaurant**  
*(In the Safeway Shopping Ctr., Hwy 69 Prescott Valley)*  
 (N 34°35’13.33” W112°19’44.6”)\*  
*Informal – all are invited.*

**Wed. Morning Breakfasts: 7:00 a.m. Iron Horse Restaurant**  
*( S. 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, 2<sup>nd</sup> Floor; above Bank of America)*  
*informal – all are invited*

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

| Frequency | PL    | Location             | Owner/Club     | Auto Patch | Rem. Base Or Linked        | Vo IP | Notes:                        |
|-----------|-------|----------------------|----------------|------------|----------------------------|-------|-------------------------------|
| 52.560-   | 100.0 | Mt. Union            | N7NGM          |            |                            |       | -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             | W2YAV/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  |                               |
| 448.475-  | 100.0 | Flagstaff-Elden      | ARA            | Yes        |                            |       |                               |
| 448.500-  | 100.0 | Prescott             | KB6TWC         | Yes        | RB to White Tank 146.940   |       | E-mail owner for instructions |
| 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**  
**442.350+ MHz with a PL of 100.0 Hz**

**For more Repeater Information & Listings refer to:**

- [www.w7ara.org/Web/](http://www.w7ara.org/Web/)
- [www.azrepeaters.net](http://www.azrepeaters.net)
- [www.azfreqcoord.org/listings.htm](http://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

