

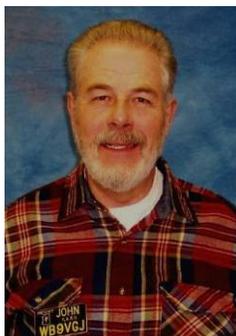


YAVAPAI SIGNAL



The Yavapai Amateur Radio Club • Prescott, Arizona • DM-34 • Volume 21– No.11 • November 2006

From the President's Desk



A busy September and October for YARC with public service events and VEC sessions. I extend my thanks to all members who have participated in any of these events. It is unfortunate, though, that we had to cancel providing communications for an event because we were unable to get enough volunteers. On the plus side, things went well with the Prescott Valley World Arts Festival and the Yavapai County Fair. It was good to see that there were volunteers for every shift to man the booth at the fair. We got some good exposure for both clubs and the names of some folks who are interested in getting an amateur radio license. My hat off to Doug, KV8TD, and Bob, KC8BOB, for their efforts in making the booth at the fair a success.

As of this writing, I have all the operators I need for the American Diabetes Association walk on Oct. 21st. Thanks to those who volunteered. We have the first 'Rails to Trail's run coming up Nov. 18th for which we have been asked to provide communications. I encourage members to vol-

unteer so we can provide our usual excellent communications abilities to the event.

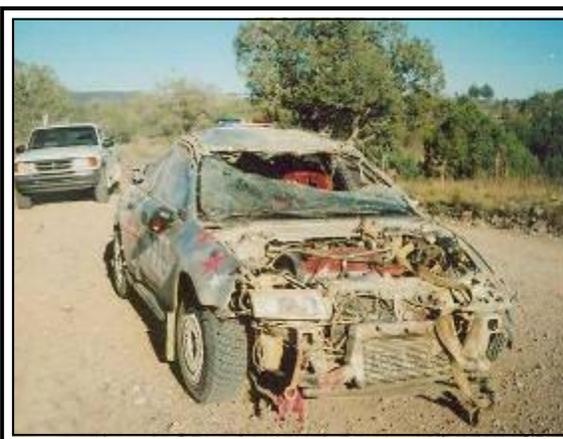
I am happy to report that we have a full slate of candidates for the November election. Terry, KB7TRE, has agreed to accept the nomination for president. Patti, KD7VBG, has agreed to accept the nomination for treasurer. The current board members-at-large, Ken, WA6AQK, Richard, KE7DTR, and Walter, KF6SPS, have all agreed to run for another term. Nominations will be opened at the November meeting. Members can nominate themselves or another club member for any office or a position on the board. The election will be held and those elected will begin their terms January 1st, 2007. My thanks to Pat, K7DUC, for her efforts in finding excellent candidates for president and treasurer.

You will see in the minutes of the board and general membership meetings that a

repeater fund is being established effective 1/1/2007. I think this is an important step to ensure that we will have the necessary resources to maintain the repeater and for the inevitable future replacement of equipment as necessary or desired by the club.

73,
John, WB9VGJ

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Prescott Rally Oct 6-7, 2006

Not all cars were fortunate enough to complete the race.

See Page 6 for more details.



Happy Thanksgiving!

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 YARC 146.880- repeater 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. Our deepest gratitude to Bill Kafka, W2YAV for allowing us to acquire this repeater. ■



Membership Count:

1st Thurs. in Sept.....98
Gain/Loss.....+2
1st Thurs. in Oct.....100

YARC Officers for 2006

President

John Broughton, WB9VGJ
wb9vgj@arrl.net

Vice President

Dick Hughes, W6CCD
richard@rahughes.net

Secretary

Pat Oliver, K7DUC
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

Minutes of October 5, 2006 Board Meeting



A Board Meeting was held at 1815. Present were John, WB9VGJ, David, K6UWV, Pat, K7DUC, Walter, KF6SPS, and Ken, WA6AQK.

The creation of a repeater fund was discussed. In the past, we had a repeater fund and it was thought to have approximately \$1000 in it prior to it being folded into the general fund.

A repeater fund would cover any replacement or repair needed for the repeater. An amount would be set aside on the books for this need. It would not be a physically separate fund. The beginning amount would be \$1000 with \$2 added from each new or renewed membership. This will start after the 1st of the year.

The nominees for offices next year who have been asked and have accepted are: President, Terry, KB7TRE; Treasurer, Patti, KD7VBG; the present members at large remaining for another year -- Ken, WA6AQK; Walter, KF6SPS, and Richard, KE7DTR.

David, K6UWV will continue as refreshment chairman for next year.

There have been some problems with club communications being captured as spam. Members will be encouraged to contact their Internet Service Provider if difficulty arises.

The Meeting was adjourned at 1845.

Respectfully submitted,

Pat, K7DUC
Secretary

Minutes of October 5, 2006 General Meeting

John, WB9VGJ called the meeting to order at 1900. The Pledge of Allegiance was recited and members introduced themselves.

Visitors: Luke Schlaht and George Strickroth, WA3PNT..

New Members: Richard Butts, KE7DTZ; John McArthur, KB2WPN; Michael Ritter, AC7FH, and Gary Schlaht, AA7NY. A motion to vote in the new members was made by Lloyd, WA6ZZJ and seconded by David, K6UWV. The applicants were voted in by the membership.

Meeting Minutes: A motion to approve the Board minutes of Sept. 7, 2006 was made by Ken, WA6AQK and seconded by Doug, KV8TD. The Board minutes were approved. A motion to approve the General Meeting Minutes was made by Al, KD7MTJ and seconded by Neil, KA7JAS. The General Meeting Minutes were approved.

Treasurer's Report: David, K6UWV reported a balance of \$2848.00. A motion to approve the report was made by John, WB9VGJ and seconded by Doug, KV8TD. The report was approved..

Committee Reports:

- **ARES/RACES/Public Service:** Lloyd, WA6ZZJ thanked all the people who volunteered for and took part in the events of the past month. Unfortunately, the participation in the Tour de Pee Vee was cancelled due to lack of enough volunteers. The Road Rally and the Walk for Diabetes are two upcoming events. The Rails to Trails race will take place on Nov. 18th.

Saturday, Nov. 4th will be the next ARES/Races training meeting. The location will be announced in the next couple of weeks.

- **IRLP:** Jack, W7JLC stated that the IRLP continues to be used at a fairly good level. It was used at the County Fair with good participation..
- **One Day License Class:** Jack, W7JLC conducted a one day technician license class. About 20 people will take their test on the next two Saturdays. Jack would like to conduct another class next year, but wants some help, since it is hard to talk for 8 hours without losing one's voice. He felt that one day is a good way to do the class and he has received a lot of positive feedback.
- **Public Information/Road Rally:** Bob, WB7RRQ said that all Road Rally positions are covered and it will be exciting.
- **Patches/Shirts/Badges:** David, K6UWV has club patches for \$3.00; Dick, W6CCD has club shirts for \$19, without a name, and Bob, WB6ODR has badges for \$5.75.
- **Club Repeater:** John, WB9VGJ stated that everything is going well with the repeater.
- **VE Testing:** Mary, AB7NK gave a test to a man from Chile on Sept. 30th, who flew up for the test and is now an Extra Class.
Only written tests will be given Oct.

7th at Embry Riddle. Both written and code tests will be given Oct. 14th at the Masonic Lodge.

- **Booth at County Fair:** Doug, KV8TD said there were enough volunteers, whom he thanked, and there was much interest shown by the public. Many signed up for possibly taking license classes. Doug is already thinking of how to make the fair booth even better next year.
- **Adopt a School:** Terry, KE7TRE stated there were no needs as yet, but stated that they will be participating in some fun stuff with Embry Riddle. They also had contact with Camp Verde Middle School, and this was greatly enjoyed.
- **Elmer/Technical Specialist:** Neil, KA7JAS stated that all was taken care of.
- **Prescott Valley Art Festival:** John, WB9VGJ thanked all who participated. There were fewer visitors than last year because of the tent placement.

Old Business:

- **Club Repeater Fund:** The Board suggests that we set aside \$1000 for a Repeater fund and \$2 for each new or renewed member to add to the fund. This fund would cover replacement or repair as needed.

Walter, KF6SPS made a motion to start a Repeater fund, which was seconded by Lloyd, WA6ZZJ. Discussion followed, and it was suggested that a box be placed on the Membership Application form, indicating that \$2 would go to the Repeater fund, and that a member could contribute more as desired. The motion was approved by the membership.

- **Election Committee:** John, WB9VGJ called for any nominations from the floor for the coming year. Pat, K7DUC nominated Terry, KE7TRE for President; Patti,

KD7VBJ for Treasurer, and Ken, WA6AQK; Walter, KF6SPS, and Richard, KE7DTR for members-at-large. Other nominations and voting will be held in November.

Announcements:

- Jack, W7JLC will give a presentation next month on "Ham Radio Deluxe"
- WWW.HamBand.com has a group of hams in Denmark who have recorded a good video that would be of interest.
- Some of the club e-mail has not been getting through to members. Some ISPs apparently are considering club information as spam. Contact your ISP if this is a problem.
- Tony, KI6AHH is starting a net for those under 21 to meet each Sunday at 7:00 p.m. on 147.220.

A motion to adjourn the business portion of the meeting at 1940, was made by Bob, WB7RRQ and seconded by Lloyd, WA6ZZJ.. The motion carried.

The 50/50 drawing was won by John, WB9VGJ for \$19.

The Program for the evening was given by Lee, KC7CBK on "Grounding"

Respectfully submitted, .
Pat, K7DUC
Secretary

Program Speakers

November:
Jack Crabtree, W7JLC
"Ham Radio Deluxe" -
a FREE multifunction
ham radio software package (Talk
covers PSK31).

December:
Lee Cunningham, KC7CBK
"How to Install Ground Rods"



YARC Treasurer's Report for October 2006

By David Passell, K6UWV, Treasurer

INCOME

New Members (see applications for additional information)

| | | | | | |
|---------------|--------|--------|----------|--------|-------|
| Richard Butts | KE7DTZ | 10//07 | 09/22/06 | 5254 | 20.00 |
| John McArthur | KB2WPN | 10//07 | 09/22/06 | 3011 | 20.00 |
| Mike Ritter | AC7FH | 10//07 | 09/07/06 | cash** | 00.00 |
| Gary Schiaht | AA7NY | 10//07 | 10/05/06 | 1282 | 20.00 |

**paid in September pending new member application

Renewals (Update Roster)

| | | | | | |
|----------------|--------|--------|----------|------|-------|
| John Broughton | WB9VGJ | 10//07 | 10/05/06 | cash | 20.00 |
|----------------|--------|--------|----------|------|-------|

ARRL

None

Other

| | | | | | |
|---------------|------------|--|----------|------|-------|
| 50/50 drawing | 19 tickets | | 10/05/06 | cash | 38.00 |
|---------------|------------|--|----------|------|-------|

Total Income.....118.00

EXPENSES

| | | | | | |
|----------------|------------------|--|----------|-----|-------|
| David Passell | Cups/cookies | | 10/05/06 | 903 | 19.39 |
| John Broughton | 50/50 winner | | 10/05/06 | 904 | 19.00 |
| Insty Print | Newsletter 33562 | | 10/10/06 | 905 | 32.72 |
| Insty Print | 500 brochures | | 10/10/06 | 906 | 68.03 |

Total Expenses.....139.14

Cash Flow (Income - Expenses)(21.14)

Deposits 09/11/06,.....118.00

Anon Correction to August shortfall 10/05/06.....17.00

Total Deposits \$135.00

PREVIOUS REPORTED CHECKBOOK BALANCE..... \$2848.00

CURRENT CHECKBOOK BALANCE..... \$2843.86

David W. Passell, K6UWV, Treasurer

10/13/06

My Early Radio Experiment

By Paul Lucas, N6DMV

At an age about 12, I became interested in the history of radio. Found an article which described the first experiment proving the existence of electromagnetic waves. The experiment was carried out by the famous German scientist Heinrich Hertz, based upon the theory of another famous mathematician: the Scottish Clerk Maxwell. The article described how to duplicate the experiment with a simple setup.

After reading the article, I decided that I will build the experiment. With no previous experience in building a transmitting-receiving station, and no money - I had no idea at that time how will this be possible. Where can I find the necessary parts? I had an old burned-out transformer, that had enough wire on it for the antennae. Also located an old, rusty, and heavily damaged electric bell. With care, I repaired the thing, removed the beat-up bell itself - now I have a spark transmitter. But where can I find another bell? Also, I need a wave-activated "switch" to turn on the receiver bell. The article described a switch device called the "coherer". The coherer is a glass cylinder filled with fine metal filings - if subjected to radio frequency current, the particles will experience microscopic small sparks and develop a bond, a weak weld among themselves (cohering), making it conductive. This way the coherer becomes an electrical switch. The article nicely described the details, but now I needed the parts for the coherer too.

With a thrifty life mode I started to save enough money (saved the pennies instead of spending them on food in the school) for two 4-1/2 volt batteries. These batteries were popular, most flashlights employed them. Managed to salvage a wall switch from a deserted, nearly collapsed house. Since the article strongly suggested the use of lead particles in the coherer instead of other material, I set out to acquire enough lead for the project. Fortunately I could find a plumber, who donated a piece of old, dirty lead pipe, the ones used those days for the water supply. OK, one more step achieved! Started to file the lead pipe at home - my hands were black from the lead, I knew that lead can be poisonous, but it did not matter for me in my enthusiastic frenzy to assemble the experiment. Managed to find a suitable glass tube which could hold the lead filings, but before filling up the tube, I provided plugs for the ends by rolling up newspaper slices and fit one of them into the tube. Then filled up the tube with the lead shavings, and applied the other plug. Two wires were pushed through the paper-roll plugs at both ends, making contact with the lead particles. It was a masterpiece - I thought, and added the coherer to the collection of parts. As time went by, I could buy the two batteries

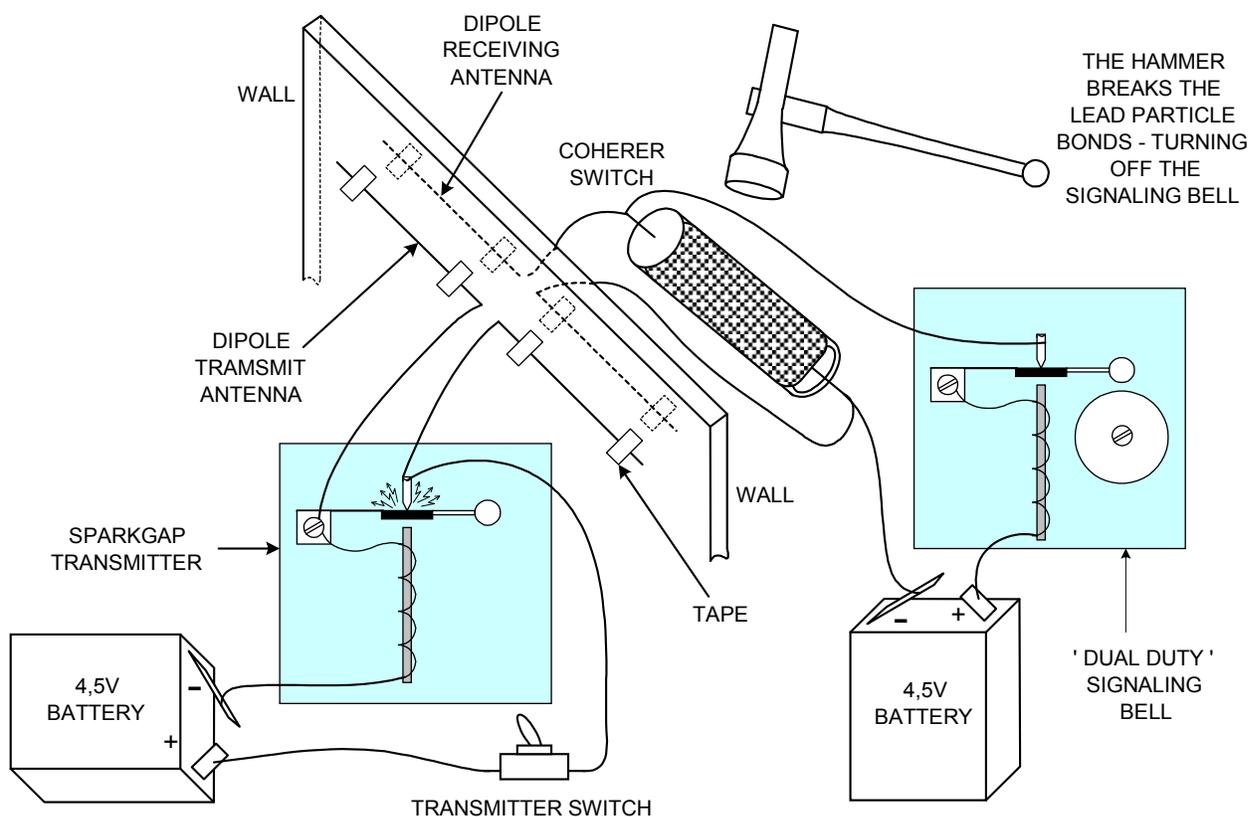
needed, but I needed another bell too! The price for a bell was totally prohibitive - I could not afford it. I turned every nook and cranny upside down, but could not find another bell. I ran out of luck. But only for a short time - serendipity solved my problem. One evening a guest came and.....you guessed it *they rang the bell!* Why didn't I think of this before? The rest is just waiting for the appropriate time when my parents return the visit, leaving for hours. The right moment arrived and I went to work with fury. Our house bell got removed with lightning speed and became part of the experiment! With some foresight, I previously mounted the antennae on both sides of the walls behind the furniture; adhesive tape for mounting the antennae was rescued from our first-aid box.

Worked with lightning speed to assemble the circuit and to make it work - playing with the spark gap, adjusting the antennae, coherer manipulation, etc. Eureka - finally it worked! Turning on the spark transmitter in one room triggered the bell circuit in the other room. My breathing stopped for a few seconds. I stood there speechless and motionless, looking at the setup. Then I turned off the

transmitter, the bell was still ringing! Ran to the other room and gently tapped the coherer with the hammer. The bell stopped ringing, the receiver was shut off. Total success. I repeated the feat a few times, just to be sure I am not imagining things. Just about that time my parents came home and I demonstrated the contraption to my father, who displayed a wide smile - very good - he said. That was the maximum approval from him.

In the following days when people came, they did not ring the bell (obviously). More accurately, they tried to, but it did not work. We had a bell button, but yes, we had no bell. They knocked on the door instead. Mother became irritated at such occurrences, and remarked: 'don't they see, that we have a bell?' No, they did not see that we *don't have a bell*. When the situation started to turn serious, I had no other choice, but to put the bell back on the wall, where it came from - the Maxwell-Hertz-Paul experiment came to a grinding halt. Such is life - but I could sleep much better thereafter – I could prove the existence and the propagation of electromagnetic waves too. I am still trying in view of the terrible propagation these days.

The drawing below shows the setup. ■



EXPERIMENT TO VERIFY THE EXISTENCE OF ELECTROMAGNETIC WAVES

PRESCOTT RALLY 2006

By Bob, WB7RRQ

This was the 19th running of the Prescott Rally, and it was also nationally sanctioned. Friday saw fair weather with cars starting almost on time. From the Fairgrounds to First View and on to Witty Tom the race ran as scheduled.

Saturday saw a repeat of fair weather and great racing with the new Perkins View state of 20 plus miles. The race finished just before dark, which is a new record for us.

Also there was the usual carnage, which reduced



the number of vehicles by almost half at the end of the final stage. Fortunately there were no injuries.

At the Awards Breakfast on Sunday our radio group received kudos from many of the racers. Most said this is the only Rally that starts and runs on time.

Again, many thanks to all the radio volunteers that make this a special event each year.

For more pictures of this event, go to:

<http://tinyurl.com/ybc52y>

Bob Rosevear
WB7RRQ
Radio Coordinator



Four bones in every organization

The Wishbones:

Wishing somebody would do something about the problem.

The Jawbones:

Doing all the talking, but very little else.

The Knucklebones:

Those who knock everything.

The Backbones:

Those who carry the brunt of the load and do most of the work.

New Conversion Factors

2000 lbs of Chinese soup = Won Ton

2000 Mockingbirds = 2 Kilomockingbirds

Time it takes to sail 220 yards at 1 nautical mile =
Knotfurlong

1,000,000 aches = 1 Megahertz

Need a Hand or have a question about a subject related to Ham Radio? Technical assistance is available from knowledgeable club members.

**Contact Neil Vince, KA7JAS at
(928) 775-2158 or ka7jas@arrl.net**



By Lloyd, WA6ZZJ

ARES/RACES

Emergency Communications

If we look closely at the Federal Communications Commission (FCC) regulations that govern Amateur Radio we find that there is no mention of having fun or seeing who can talk the furthest. However there is very specific mention of Amateur Radio providing a trained pool of radio operators available in times of need. In other words our ability to communicate when normal communications infrastructure is overloaded or unable to function is a reason we are able to get a license. That being the case, how do we prepare? By joining a local emergency communications organization that has a recognized training program. Yavapai County ARES/RACES is one such organization.

What are the requirements to be a part of ARES/RACES?

To belong to ARES/RACES one must complete a registration form. This registers you as a person and gives the local Emergency Coordinator an idea of your equipment capabilities, your license class and other useful training and or resources which may be helpful in an emergency. This enables us to make appropriate assignments in an emergency event or even for training purposes. You should also have a willingness to make your station or equipment available to provide emergency communications for major events. These events may include but not be limited to: fires, floods, severe weather and other public events where public safety agency communications might not be adequate.

ARES/RACES Training Meeting

The ARES/RACES Staff has decided that due to input from the membership, in place of the Training meeting scheduled for Cottonwood on Saturday, November 4, 2006, we will conduct a Communications Exercise that will involve much of Yavapai County. The exercise will include a Level 1, Level 2 and Level 3 alert. Stations will be activated in Prescott, Prescott Valley, Chino Valley and Verde Valley areas.

Below are the definitions for a Level 1, 2 and 3 Alert from the ARES/RACES Emergency Communications Plan.

6.B Level 1 - **Standby** - a potential emergency exists. There is the possibility of flooding, a wildfire, severe weather or other natural or man made emergency.

1. Receive notification by the telephone alert plan.
2. Monitor designated frequencies for information and assignments.
3. Monitor local radio and television stations for advisories.
4. Secure your home.
5. Charge batteries and assemble radio and personal equipment that is to be taken with you. Have a full tank of gas in your vehicle.
6. Be ready to respond.

6.C Level 2 - **Primary Mobilization**

1. Emergency is eminent - shelters are opening, evacuation plans are in effect.
 - Designated members report to the Yavapai County EOC at the County Public Works facility 1100 Commerce Dr. in Prescott.
 - Designated members report to the Red Cross facility at 1020 Sandretto Dr. in Prescott.
 - Remainder of members standby for relief at primary assignments or to await assignment to other areas.
2. Limited or local emergency - wildfire, flood, hazardous materials spill, etc.
 - Members monitor the designated repeater or simplex frequency.

6.D Level 3 - **Full Emergency Condition** - Serious emergency is in progress.

1. All members are on standby status, depending on the severity and duration of the emergency.
2. Emergency traffic only - repeater and simplex frequencies are open only to necessary emergency traffic on the ARES/RACES nets.

See **ARES/RACES** Page 8

Hallicrafters Receiver, Model S-129 for sale.



Manufactured mid-1960's.
Nice collector's item. Excellent condition, bandspread dial needs restringing. Comes with original owner's manual. \$115.

Contact Joanne, (928) 778-5501,
bigpicture@cablone.net.



Computer Tips

Using A Word Processor To Get Rid Of Forward Brackets

Do you ever get an e-mail forwarded to you which has all those annoying >> marks in front of each line? There's an easy way to eliminate these marks when you copy the message to a word processor such as Microsoft's Note Pad or Word Pad (which comes with all Windows versions).

Following is a partial e-mail message that was forwarded to me:

```
>>Hi Joe-->>  
>>The switching of CAT control between CommCat  
>>and Mix requires that CAT >>Auto  
>>be selected in CommCat's File, Settings, Program,  
>>External window.>>  
>>ComCat has no way of knowing whether CAT is en-  
>>abled in MixW other than through that setting.>>  
>>If CAT Auto is checked, CommCat releases control  
>>of the serial port when  
>>MixW is brought forward.
```

Copy this mess into Note Pad or Word Pad (Found under the Start button, Program Files, Accessories) and press the Ctrl+H keys on your keyboard to bring up the Replace box. (This is a shortcut to the Replace option found in the Edit menu.) In the "Find What" box, put > (found on the period key) and check the Match Case box. Leave the "Replace With" box empty.

Then select Replace All. All the ">>" marks will be gone! Hit Cancel to close the Replace box and continue editing the document. ■

• ARES/RACES (Continued from Page 7)

3. Frequencies will be assigned for tactical traffic as needed. Assignment of these frequencies will be by the DEC/RO, EC/ARO, AEC or designated Net Control Station.

This will be an important exercise to prepare us for a Yavapai County Exercise to be held later. Put the date on your calendar and plan to be available. More information will be forthcoming on the Monday evening ARES/RACES nets held at 1900 hours on the 145.290 repeater on Mingus Mountain.

Public Service Communications

The next public service communications event coming up will be the 'Rails to Trails' Race to be held on Saturday, November 18, 2006. Once again we will be providing communications for the Prescott YMCA. This will be an 11 mile race beginning at York Motors in Prescott and going through the Granite Dells on the Peavine and Iron King Trails with the finish at the Prescott Valley Convention & Events Center.

We will be manning at least four water stop locations and will need two shadow operators. At this writing I am still awaiting more information as to location of the water stops, etc. I hope to have more information at the November meeting. ■

Lloyd, WA6ZZJ

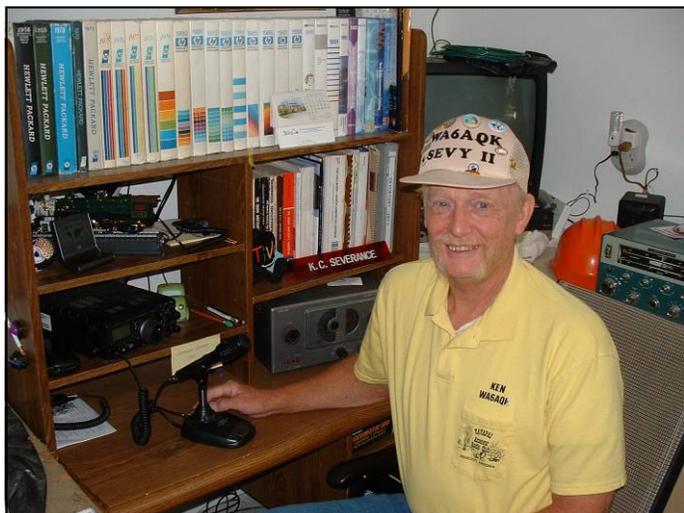
Plan to Join the ARRL or Renew Your Membership ?

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 fee.

This Month's Featured Ham

By Pat Oliver, K7DUC



Ken Severance, WA6AQQ

Ken got his Novice license late in the 1950's. He had first become interested through a teenage friend. Within six months, he was a Technician and then reached Advanced class 15 years later. In 2000 he took and passed his test for Extra class.

At this time, Ken operates on 2 meters and 70cm. He also enjoys IRLP.

Ken has a Dual Band Ventenna for VHF and 70 cm. He wants to put up a flagpole antenna and get on HF.

His communications room is shared with his XYL, Loraine, KD6FDA, who also utilizes the room for crafts.

Ken does not participate in contests as a contestant, but does answer their calls on occasion.

Ken's most memorable contact was with a ham in Sweden on 20 meters, while attending an ARRL Southwestern Division Convention. He also talked with a gentleman in Texas, who immediately sent Ken an e-mail thanking him for the QSO, which he received when he returned home.

He built a Heathkit Pawnee transceiver and used it in 1966 to 1968. He had it in his car for a while, but had too much vibrator interference. In 1990 he bought a Yaesu 2700 and uses that now for his mobile rig on 2 meters and 70cm.

Ken regularly attends Southwestern Division Conventions and has met many famous people, such as Barry Goldwater and some astronauts.

He is a very active ham. He has belonged to ARES/RACES since the mid 1960's. Ken is also on the YARC

Board and participates with his family, including Loraine and daughter Cheryl, KD6FCZ, in many local activities including the Prescott Valley Arts Festival, the County Fair, the Whisky Row Marathon, Walk for Diabetes, Prescott Air Show, and the Road Rally. While in California, he worked in several Jimmy Stewart Marathons and other activities in the area.

Ken has both a Bachelor's and Masters degree in Electrical Engineering and worked at Hughes Aircraft for many years as a metrology engineer. He helped set up a valuable system for emergency radio communications at Hughes.

His operating area includes a Hallicrafters S-38 receiver, a Yaesu FT-897, and the Pawnee transceiver that he built.

Ken feels that our club is progressing in a very positive direction. He would like to see more participation by the membership and more publicity in the Prescott Courier. He also would like to see more participation between clubs. ■

Tribute to Veterans Day



Veterans Day is observed on November 11. Unlike Memorial Day, which honors those who have died in wartime, Veterans Day honors all who have served in times of peace as well as in war.

Originally called Armistice Day, in commemoration of the end of World War I, the name of this holiday was changed from Armistice Day to Veterans Day in 1954, to honor those who had served in World War II and the Korean War. Today, the holiday honors all veterans.

Veterans Day is celebrated by parades and speeches. The President of the United States or his representative traditionally places a wreath on the Tomb of the Unknowns at Arlington National Cemetery in Arlington, Virginia.

One way to honor Veterans is to fly the American flag. The flag is flown to show respect for American veterans, and is a symbol of their service to our country. ■

Arizona Skyfest 2006

ARES/RACES Communications Van on Display at "Arizona Skyfest 2006"

Yavapai County ARES/RACES set up a display on Emergency Communications at the Prescott Air Show on Saturday, September 30, 2006. The display consisted of the Communications Van and sign boards explaining to the Air Show attendees how Amateur Radio is involved in Emergency Communications. Unlike last year, we were not actively involved with the event communications, but did have the display and during the performance part of the show there were 10 members on hand just in case something would occur that needed our assistance.

Thanks to the following members that participated in the ARES/RACES display at the show. They were AB7NK, KA7JAS, KC7CBK, KD7VBG, KC6ZHG, KF6SPS, KI7JZ, KV8TD, WA6AQK and WA6ZZJ.



This was the best air show I have attended in Prescott. Attendance this year was estimated at 25,000 up from 15,000 last year and they are looking for a bigger and better show next year. The committees that put it all together deserve a big pat on the back. I can only imagine the volunteer hours that went into it.

So.... Thanks to all of the folks that worked so hard on this show.

Lloyd, WA6ZZJ



CQ DX de YARC – NOVEMBER 2006

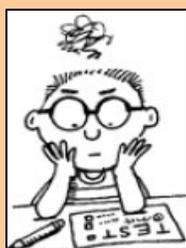
By Dick Diddams, W7QHE

| DATE | | DXCC ENTITY | CALL | QSL VIA | REPORTED BY | INFORMATION | - - - MONTHLY HIGHLIGHTS - - - |
|-------|-------|----------------------|-------------------|---------------|--------------------|---|---|
| START | END | | | | | | |
| NOW | Nov02 | VIETNAM | 3W3A | JA6UHG | 425DXN 20061007 | By XV3AA; 20m; 23:30-00:30z | <p style="text-align: center;">REVILLAGIGEDO – XF4</p> <p>The Revillagigedo Islands (also Revillagigedo Archipelago or Islas Revillagigedo) are a group of islands in the Pacific Ocean, known for their unique ecosystem. They are part of Manzanillo municipality of the Mexican state of Colima and lie 386 km southwest of Cabo San Lucas, the southern tip of Baja California peninsula, and between 720 and 970 km west of Manzanillo. They are located at approximately 18° N 112° W.</p> <p>The total area is 169 km². There is a naval station in the south of Socorro Island, with a population of 250 (staff and families). On Clarión, there is a small naval garrison with 9 men. Other than that, the islands are uninhabited. The islands are named after Don Juan Vicente de Güemes Padilla Horcasitas y Aguayo, 2nd Count of Revillagigedo, the 53rd viceroy of New Spain.</p> <p>The Revillagigedo Islands consist of four volcanic islands, from spread over about 250 from east to west:</p> <ul style="list-style-type: none"> ▪ San Benedicto (San Tomás), 4.8 km by 2.4 km, area 10 km², height 310 m (Bárcena) ▪ Socorro, 16.5 by 11.5 km, area 132 km², height 1130 m (Mount Evermann or Cerro Evermann) ▪ Roca Partida, 91 m by 45 m, area 0.003 km², height 34 m ▪ Clarión (Santa Rosa), 8.5 km by 3.5 km, area 27 km², height 335 m (Monte Gallegos) <p>The three eastern islands are called the inner islands. They fall in the time zone UTC-7 (Mountain Time), while the major part of Colima is UTC-6 (Central Time Zone). Clarión is comparatively far to the west, by more than 200 km in comparison with the inner islands, and in UTC-8 (Pacific Time Zone). The Revillagigedo Islands are one of three Mexican island groups in the Pacific Ocean that are not on the continental shelf; the others are Guadalupe Island and Rocas Alijos.</p> |
| NOW | Nov02 | MALTA | 9H3JC | DL5AUA | OPDX 20060911 | By DL5AUA fm Gozo (EU-023); all bands; CW SSB | |
| NOW | Nov03 | REVILLA GIGEDO | XF4DL | See Info | NN3W 20060831 | By DL + XE team; NA QSL via N6AWD | |
| NOW | Nov03 | NETHERLANDS ANTILLES | PJ4/PA3C NX | PA3CNX | 425DXN 20060923 | By PA3CNX fm Bonaire (SA-006); 80-6m; SSB CW | |
| NOW | Nov03 | PAGALU | 3C0M | | N2ZN 20061005 | By EA5BYP fm Annobon Is (AF-039); 160-10m; CW | |
| NOW | Nov05 | TAWAN | BX3 | DJ3KR | OPDX 20061016 | By DJ3KR as BX3/DJ3KR; all bands; all modes | |
| NOW | Nov05 | CAMBODIA | OH4MDY/ XU7MDY | | 425DXN 20061007 | OH4JGE/XU7JGE; ON4AJV/XU7AJV; XU7TZG | |
| NOW | Nov19 | FRENCH POLYNESIA | FO/F5FU | F5FU | F5NQL 20060905 | fm Tahiti, Moorea, Bora-Bora; 20 15 10m; SSB & CW | |
| NOW | Dec31 | DR CONGO | 9Q1D | SM5BFJ direct | SM5DQC 20060928 | By SM5DIC; spare time operation | |
| NOW | Dec31 | FRANZ JOSEF LAND | R1FJT | UA4RC Direct | SM5DQC 20061009 | By R1FJT; 160-10m; CW SSB RTTY | |
| NOW | Jan13 | MALAWI | 7Q7HB | G0IAS Direct | 425DXN 20061014 | By 7Q7HB | |
| Nov01 | Nov07 | KERGUELEN | FT5XP | F4EFI | OPDX 20060918 | By TU5KG; for 2 days TBD during the period | |
| Nov25 | Nov26 | KERGEULEN | FT5XP | F4EFI | 425DXN 20061014 | By TU5KG fm Port aux Francais; dates approximate | |
| Nov02 | Nov14 | TONGA | A35AX | | 425DXN 20061007 | By ON5AX ON3AX; 40 30 20m; CW SSB PSK | |
| Nov04 | Nov18 | NORTH COOK ISLANDS | E51 | | OPDX 20060626 | fm Penrhyn Atoll; 80-10m; mainly CW; low power | |
| Nov05 | Nov09 | MARIANA ISLANDS | KH0 | UA3DX | OPDX 20061016 | As KH0/NP2KY KH0/KB7YHQ KH0/K3UY | |

CQ World Wide DX CW Contest (Nov 25-26, 2006)

VE Sessions October 2006

By Mary, AB7NK



The last two VE sessions were the best ever. Oct. 7th there were 9 applicants with 100% passing & most having a perfect score. Six of those 9 applicants, were from Jack's, W7JLC 8 hour crash course he'd given 2 weeks prior. This was the most successful VE testing I've participated in. Thanks to N6MY, W7HAM, AB7NK & KB6AH for all their help.

Oct 14th, we held our regularly scheduled VE session. There were 19 applicants resulting in 13 new technicians and 1 general. Two applicants passed the general theory scoring 35 out of 35! Thanks to Bob WB6ODR & W7JLC for their time in helping to promote ham radio by holding classes. A special thanks to all the VE's - N6MY, AB7NK, WA6ZZJ, WB9VGJ, KB6AH, AB7KE & WB6ODR for all their help. We all walk away from a testing session like the last two just as proud as the applicants, only in a different way.

Congratulations to each & every applicant!

NEW LAW FORMALLY MAKES AMATEUR RADIO PART OF EMERGENCY COMMUNICATIONS COMMUNITY

A section of the Department of Homeland Security (DHS) 2007 Appropriations Act, HR 5441 <http://tinyurl.com/qtsook> formally includes Amateur Radio operators as a part of the emergency communications community. Congress approved the measure before adjourning for its pre-election break. President George W. Bush signed the bill into law October 4.



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, N7PJM

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 | |
| 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

Node Number 3182

442.350+ MHz with a
PL 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

