

# THE YAVAPAI SIGNAL

THE YAVAPAI AMATEUR RADIO CLUB

PRESCOTT, ARIZONA

DM-34

VOL 12 - No. 9

SEPTEMBER, 2002

## WELCOME TO THE YAVAPAI AMATEUR RADIO CLUB

The Yavapai Amateur Radio Club (YARC) is an ARRL affiliated club. The club participates in many activities in the tri-city area including providing communications for local events, emergency communications, volunteer exams, and promotion of the hobby throughout the community. Membership in the YARC is open to any interested amateur or non-amateur alike. Dues are \$20.00/yr. The YARC meets at 7:00 PM local time on the 3rd Thursday of every month at the Granite Mountain Middle School, 1800 Williamson Valley Rd. in Prescott. It is about 1/2 mile north of Iron Springs Rd and all amateurs and non-amateurs as well are invited. Programs of interest are included as part of the meeting. The weekly NET is held every Wednesday at 7:00 PM local time on the 146.880-repeater. All amateurs are invited to participate and visitors are always welcome. The Yavapai County ARES/RACES NET is held on Monday nights approximately at 6:45PM local time on the 147.220+ repeater on Mingus Mtn.

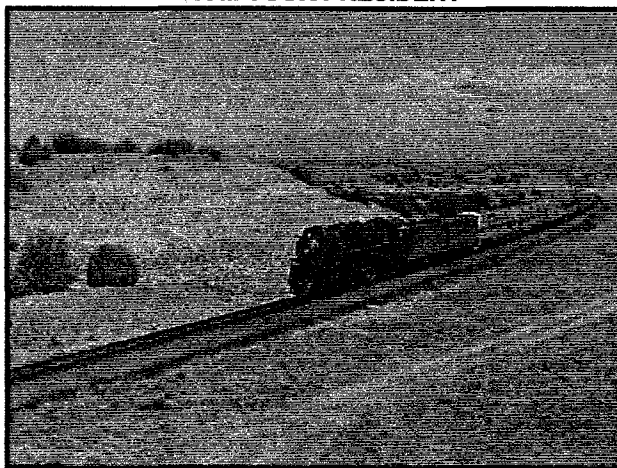


### Club Repeater

The local 146.880- MHz repeater is the official adopted repeater for the YARC. It is located on the hill above Willow Creek Rd and requires a PL of 100.0 Hz. If you hear a 1400 Hz pulsing tone, the repeater is on backup battery power and usage should be limited to necessary communications. The 147.040+ (100.0 PL) repeater is back up and running in Prescott Heights. Many thanks to Bill Kafka, W2YAV for the upkeep and use of the repeaters.



### FROM YOUR PRESIDENT



With many local amateurs positioned for a good view of the train, and many others listening and communicating, the steam engine rolled through Yavapai County delighting many. I chose a little different spot, up Williamson Valley Rd. past Hootenanny Holler where the road goes over the tracks. With only a few seconds to snap pictures, there were only about a dozen there, but you could hear the shutters clicking away. Rumors have it the train may be brought here again next year.

Several suggestions were given for future programs and we will do our best to accommodate them. If you would like to give a program at one of our meetings, please let us know and we will schedule you as time permits. Remember to keep sending me your QSL cards and a short story about them for future newsletters. If you can't can and e-mail, then send me the card and I scan it for you.

Remember, there's always room in the newsletter for your stories and contributions as well. Keep 'em comin! 73!

John Wilson-KM6BF  
YARC President

### YARC OFFICERS for 2002

President

John Wilson-KM6BF

[km6bf@cableone.net](mailto:km6bf@cableone.net)

Secretary

Bob Tilman-K7CJW

[k7cjw@webtv.net](mailto:k7cjw@webtv.net)

Vice President

Frank Homeff-WA6JBV

Treasurer

David Passell-K6UWV

[davidrex@northlink.com](mailto:davidrex@northlink.com)

### YARC BOARD OF DIRECTORS Includes Club Officers

Immediate Past President

Dale Leslie-N7XFD [daljerles@webtv.net](mailto:daljerles@webtv.net)

Lloyd Halgunseth-WA6ZZJ [wa6zzj@cableone.net](mailto:wa6zzj@cableone.net)

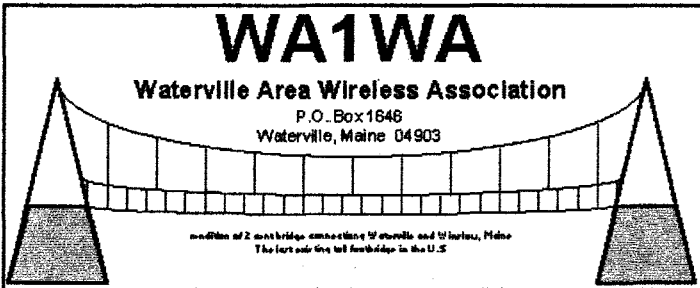
Dick Hughes-W6CCD [rhughes@cableone.net](mailto:rhughes@cableone.net)

Bob Smith-WB6ODR [lrsmith@cableone.net](mailto:lrsmith@cableone.net)

WEEKLY NET CONTROL - Dale Leslie-N7XFD

NEWSLETTER EDITOR - John Wilson-KM6BF

YARC HIGHLIGHT



**OUR PURPOSE IS TO PROMOTE AMATEUR RADIO  
IN THE CENTRAL MAINE AREA  
AND TO HAVE FUN**

**WA1WA Wednesday Night Net**

A weekly net is held Wednesday evening at 19:30 local time (7:30 PM) on the 146.67 repeater. The net is used to pass traffic and bulletins, and to coordinate club activities. It starts with bulletins and traffic, and continues with informal conversations.

Ample opportunities are given to check in to the net. Check-ins are either *In and Out, With Traffic or Bulletins, or just basic*. The net is not restricted to club members, any amateur with 2 meter privileges are welcome to join in.

A Net Script provides continuity between various control operators. The 146.67 repeater is not the club's repeater, but Dave - KQ1L has graciously allowed the club to use it. It has a negative offset of 600 Khz and requires a 100 Hz tone to activate. Most of the club traffic can be found on this machine or the 146.76 repeater. In the event the 146.67 repeater is unavailable, the club will attempt to use the 146.76 repeater (negative offset and no tone) or 146.55 simplex for nets and to coordinate activities.

**WA1WA Monthly Meetings**

Business Meetings are held on the First Saturday of the month (Usually skipping July) at the **Winslow Jr. High School**, which is located off Benton Avenue in Winslow.

The business meetings give us a chance to keep aware of our finances, to coordinate our activities, and to exchange ideas about the hobby.

If Junior Members are present, an alternate agenda is available (usually a group project or demonstration.)

Usually, in addition to direct club business, we will coordinate activities such as testing, classes, Walkathons, Field Day, the next Hamfests, upcoming contests, and other topics of interest to the members.

**WA1WA and Scouting**

The WAWA participates primarily in Boy Scouting in order to develop an interest in Amateur Radio. We have run Merit Badge classes in the past, and would do so again upon request. Return to the members for contact names and e-mail.

For the past 4 years, we have participated in the "Jamboree On The Air," an international event sponsored by the Boy Scouts. We have made contacts worldwide while stirring the interest of the boys in Amateur Radio. JOTA occurs on the third weekend in October. 1997 saw the introduction of the Weather Balloon Antenna, a club project almost a year in the making.

**WA1WA and the Community**

WAWA's assistance is used for the March of Dimes Walkathon. We help the event organizers monitor the progress and communicate during the event. And, at times, we'll even throw in a hand without a radio!

The club members participate in Emergency Drills that test Emergency Preparedness for public service agencies. And, just for fun, we have had Special Event Stations to help communities spread the word of a local event being celebrated.



**UPCOMING EVENTS OF INTEREST**

➤ **SPECIAL EVENT-Appleton, WI:** Military Veterans Museum, W9M. 2300Z **Sep 27-0300Z Sep 30**. Octobertfest to remember that freedom is not free. Certificate and QSL. Fred Tegge, N9FT, PO Box 1805, Oshkosh, WI 54903.

➤ **SPECIAL EVENT- Smithfield, VA:** Western Tidewater Radio Association, K4S. 1500Z **Sep 28-2100Z Sep 29**. 250th Anniversary of the founding of Smithfield, VA. Certificate. Erwin Heins, 97 Lumar Rd, Smithfield, VA 23430.

➤ October 17 – YARC Meeting 1900 Hours

➤ November 2 - 4ARRL November Sweepstakes (CW)

➤ November 9 – ARRL VE Testing-Masonic Lodge, Prescott

➤ November 16 – 18 ARRL November Sweepstakes (Phone)

➤ December 6 – 8 ARRL 160 Meter Contest

➤ December 14 - 15 ARRL 10 Meter Contest

*More detailed information on Contests and Special Events can be found in most amateur publications such as QST, Worldradio, and others.*



**JULY MEETING**

July 25, 2002

Meeting came to order at 1900 with President Wilson. Visitors introduced.  
 No newsletter this month.  
 Minutes for the last two months read. May minutes read and approved.  
 June minutes read and approved.  
 Treasurers Report. Balance \$1526.14 approved. Old business. 4<sup>th</sup> of July parade, the Emergency Services van was in it. Next VE test August 10<sup>th</sup>.  
 New Business. The club is to check on new yellow shirts. See about getting signs made to put up in store windows. Bob and Lee are to get a price and let us know at the next meeting.

Program: ARRL-SW Div Director Art Goddard-W6XD, Cliff Hauser-KD6XH, ARRL AZ SM, and Ed HareW1RFI, ARRL's RFI guru visited our club again this year. They spoke on the SW Div convention to be held in August in California. We need to get more amateur radio into schools.

After the break, the 50/50 drawing was won by Jack-W3IVQ. A second drawing was held for an ARRL Handbook and was won by Ray-K6CMU. Ed Hare also donated a book on RFI to Terry for the school. He spoke on FCC Part 15 devices and RFI.

The meeting was adjourned at 2112.

Respectfully submitted,

Robert Tilman-K7CJW  
 YARC Secretary



Our Secretary, Bob-K7CJW



Our Treasurer David-K6UJW

**AUGUST MEETING**

August 15th YARC meeting.  
 Meeting came to order at 1901 mst.  
 Visitor; Tony introduced his friend, Kay.  
 Minutes of July meeting read and approved.  
 Treasure report \$1511.09 in bank. Approved.

Committee Report;  
 Emergency services: March of dimes. We will need 8 to 10 people to help September 21. The emergency services Van will be in the Chino Valley Parade August 31.  
 Of interest a steam locomotive will leave Williams August 25. Go to

Ashfork then south to Drake, Skull Valley and on South ending up in Parker in the evening.  
 V.E. test had 3 to take the test , all three passed it. Next test will be Nov.9th. No newsletter put out as the computer is out of service, it will be back working soon.  
 Old Business: Shirts: 14 to 20 dollars. more info next month.  
 New Business: Our Web Site needs to be renewed. \$59.00 for the year Jim (KC7AOI) motion to pay. Seconded and Passed.  
 Terry reports his radio antennas have not been re-installed on the roof. This is to be done soon. Kids radio club hasn't had much interest as yet this year. There will be changes in the program.  
 License Plates: contact Steve KC7TIL for information. Cost is 5 to 15 Dollars.  
 Break 1930 Back at 1940  
 50/50 drawing, winner 807782– Tony K7PCU worth \$18.00.  
 Program by Al Crook, KC7TMJ on the American Flag history and design.  
 Meeting adjourned at 2040.

Respectfully submitted,

Robert Tilman-K7CJW  
 YARC Secretary



**SPEAKERS WANTED!** Want to make a presentation to the club? Got a favorite subject or experience you would like to share? If you do, we'd like to hear from you! Programs of interest are always needed for club meetings. Share your knowledge or experience with the rest of the club at our meetings. Contact Lee Cunningham, KC7CBK for more information.

**THE NEWSLETTER!**

If you have anything to share, please feel free to submit it for inclusion in the newsletter. We welcome your suggestions, comments, stories, personal experiences, or other items related to the hobby. Send e-mail to: [km6bf@cablone.net](mailto:km6bf@cablone.net)



**FROM THE MAILBOX**

Sorry, no mail this month!



**WE WANT YOU!** Membership in the Yavapai Amateur Radio Club is \$20.00 for 1 year. Newsletters will be mailed only to those members not attending a meeting and current on dues. Those in arrears 3 months will be dropped from the membership list. Dues can be mailed to the club PO Box or given to the club treasurer at any meeting.



**FROM THE WAY PAST-PRESIDENT**  
 K7KOL (Bob Kane)  
 No musings this month! Vacation again?  
 73's  
 Bob Kane, K7KOL



**OTHER NEWS OF INTEREST**

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

**SURFIN': DON'T TRY CHANGING YOUR CALL SIGN IN VAIN**

By Stan Horzepa, WA1LOU  
Contributing Editor

August 24, 2002 Sick of your call sign? Want one with a little more pizzazz? Then, be sure to visit this week's featured Web site before you make your next move.

Amateur Vanity Call Sign Headquarters Web site is the place to go if you are considering a "vanity call sign." In a nutshell, a vanity call sign is a special call sign specifically chosen by a currently licensed ham, which replaces his/her existing call sign, ie, a ham trades in his/her current call sign for a vanity call sign. As a result, new licensees cannot get a vanity call sign as their first call sign. By the way, the FCC charges an annual fee for vanity call signs.

Michael Carroll, N4MC, built this Web site, which lists call signs that are available for vanity call sign and explains how to go about obtaining the vanity call sign of your choice. You can also find out if someone else has applied for the vanity call sign you desire and learn the status of your own application for a vanity call sign. There is also an article about choosing a vanity call sign, ie, one that has the best sound or one that will give you that extra edge working DX.

There is more here than just vanity call sign information. It is also the site of Operation CQ, the U.S. Amateur Radio call sign history restoration project that is attempting to document our call sign history. This is an effort by N4MC to record and provide online all our previous call sign information from as far back in time as we can provide. So far, there are 2195 call signs entries in Operation CQ and there will be one more as soon as I dig up all my old ham radio licenses.

(At hamfests and other ham radio events, folks asked me if WA1LOU is a vanity call sign. It is *not*. When I passed my Novice class license back in 1969, the FCC assigned WN1LOU to me. When I upgraded to Technician class, the FCC replaced the N with an A and I have been WA1LOU ever since.) Until next time, keep on surfin'.

**Editor's note:** Stan Horzepa, WA1LOU, resides in downtown Wolcott, Connecticut, and is a member of the QQQC (QST quarter century club), i.e., he has been a QST writer for 25 years. Since getting his ticket in 1969, Stan has sampled nearly every entrée in the Amateur Radio menu (including a stint as Connecticut Section Manager), but he keeps coming back to his favorite preoccupations: VHF and packet radio. As a result, he runs a 2-meter APRS digipeater and weather station from his mountaintop location in central Connecticut. Stan has been a long time advocate of using computers with Amateur Radio and

wrote programs to dupe contests and calculate antenna bearings way back in 1978. Today, he uses his Mac to surf the Internet searching for that perfect ham radio web page. To contact Stan, send e-mail to [wa1lou@arrl.net](mailto:wa1lou@arrl.net). (from the ARRL)

**ARRL In Action: What Have We Been Up To Lately?**

September 4, 2002

This feature is a periodic update of what the ARRL is doing on behalf of its members. This installment covers the month of August.

- ARRL HQ hosted a two-day Power Line RFI workshop that brought together government and military officials, public utility professionals and hams. Riley Hollingsworth of the FCC attended as a guest of the ARRL EMC Committee.
- The Development Office reports that response has been excellent to the Defense of Frequencies Fund and a test W1AW fund drive. In addition, donations to the Education and Technology Program (The Big Project) have passed the \$200,000 mark.
- ARRL Senior Assistant Technical Editor Dean Straw, N6BV, gave talks at the New England Division Convention at Boxboro, Massachusetts, on "New Developments in Terrain Analysis and the Easy Creation of Terrain Profiles" and "Fundamentals of HF Antennas for Newcomers: Welcome to the wonderful world of HF!"
- Senior News Editor Rick Lindquist, N1RL, discussed Amateur Radio enforcement and other subjects at the New Mexico State Convention in Albuquerque.
- Special Assistant to the Chief Executive Officer Dave Patton, NT1N, spoke on the Logbook of the World program at the Pacific Northwest DX Convention. He also traveled to the Ham Fair in Tokyo as a guest of the Japan Amateur Radio League, giving a presentation entitled "The ARRL and Amateur Radio in the 21st Century."
- Registration is underway for two ARRL Certification and Continuing Education courses: Emergency Communications II and Antenna Modeling.
- Technical Relations Manager Paul Rinaldo, W4RI, was a panelist at an FCC public workshop on spectrum efficiency.
- Jerry Hill, KH6HU, participated in a presentation on the Amateur Radio Education and Technology Program at the Southwestern Division Convention in San Diego.
- The ARRL Contest Branch has posted logs submitted for Field Day 2002 on the Logs Received page. The Contest Soapbox page is the place to post your group's photos and stories.
- A major ARRL HQ computer system conversion was underway as the month ended. Once fully operational, it will allow the League to better serve our members.
- Sales and Marketing Manager Dennis Motschenbacher, N7FF, visited the Ten-Tec factory in Sevierville, Tennessee. Dennis also attended the Huntsville (Alabama) Hamfest and the American Association of Radio Enthusiasts (AARE--the new Amateur Radio industry group) membership meeting.
- Amateur Radio Emergency Service (ARES) members in the San Diego, California, area spent two weeks assisting the American Red Cross and the California Division of Forestry during the so-called Pines Fire.



**ARES/RACES NEWS**



In the last newsletter we covered what Skywarn is and the definitions of Watches and Warnings. This month will be a short topic on the criteria that Skywarn Spotters use as a guide line for reporting conditions to the National Weather Service.

Anyone who would like to become active with Skywarn may contact myself, WA6ZZJ, or Lee, KC7CBK, for more information. The Skywarn Net for our area is presently held on the Bill Williams Repeater (146.780- 91.5 pl) on Mondays at 19:30 .

**REPORTING CRITERIA**

**THUNDERSTORMS:**

TORNADO OR FUNNEL CLOUD...TRY TO NOTICE DIRECTION OF MOVEMENT

1/2 INCH HAIL OR LARGER...ANY DAMAGE? ANY HAIL COVERING GROUND.

FREQUENT LIGHTNING...CLOUD-TO-GROUND, CLOUD-TO-CLOUD, CLOUD-TO-AIR?

ROTATING WALL CLOUDS.

**HEAVY RAIN:**

1 INCH IN 12 HOURS OR LESS

1/2 INCH IN 1 HOUR OR LESS

**FLOODING:**

FLASH FLOODS SUSPECTED AFTER BRIEF BUT VERY HEAVY RAINS.

RIVER OR STREAM FLOODING...BANKFULL OR OVER THEIR BANKS...

ANY DAMAGE?

**HEAVY SNOW:**

4 INCHES IN 12 HOURS OR LESS

VALLEYS (I.E. AT OR BELOW 300 FT ELEVATION) ANY ACCUMULATION AND 1-3 INCHES IN 12 HOURS OR LESS

FREEZING RAIN...NOTICEABLE ICE BUILDUP?

**HIGH WINDS:**

ANY DAMAGING WIND THAT KNOCKS DOWN TREES OR POWER LINES

OR WIND CAUSING STRUCTURAL DAMAGES. IF YOU HAVE AN ANEMOMETER,

REPORT ANY WIND OVER 40 MPH. YOU CAN ESTIMATE USING THE BEAUFORT SCALE.

**REMEMBER TO LISTEN TO NOAA WEATHER RADIO WHERE AVAILABLE FOR THE MOST UP-TO-DATE WEATHER FORECASTS AND INFORMATION.**

On the YARC Public Service scene:

Our next event will be the March of Dimes Walk America to be held on Saturday, September 21<sup>st</sup>. We will need 8 to 10 operators for this event which usually runs from 06:45 until 12:00 noon. In the past, the March of Dimes folks have fed us lunch at the Courthouse Square when the event is over. Please contact Lee, KC7CBK, or Lloyd, WA6ZZJ, if you would like to assist with communications on this event.

Information will be forthcoming on the Prescott Forest Rally to be held October 25 - 27 this year.

The Yavapai County ARES/RACES Nets are held Monday evenings at 1845 hours on the 147.220 VVARA Mingus Mountain repeater. The 147.260 Mt. Union Net is held immediately following the 147.220 Net at approximately 1900 hours. → Future plans call for linking these two repeaters for emergency and Monday net use. Once we have the repeater link system in place both nets will be combined to begin at 1845 hrs.

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



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

"I just wish these HT batteries would last longer than the NET!"

"Your signal is fine, but your speech is waving." (?) →

"Who needs the internet? I have a PO Box and a telephone!"

"What frequency do they use in radios in the movies?"

"Next time I go to a hamfest, I'm bringing lots of cash!"

"Ask anyone and they'll tell you morse code is dead!"

"Someday you'll be able to take you ham tests and get your license right over the internet."



**ARRL MEMBERSHIP APPLICATIONS**

The ARRL no longer allows clubs a portion on renewals. However, a new program effective October 1, 2001 allows clubs to keep a larger portion of **NEW** ARRL applications. If you are not a member of the ARRL, join now through the club. Submit your application to me or at any meeting. Remember to include the envelope too. It will save us a few cents on postage. Thanks. David Passell-K6UWV-Treasurer.



**LICENSE DRIVE**

And finally the story of a license drive. Not a campaign to get people their ham license. Rather the tale of one determined applicant who could not wait. It took place down-under as we hear from Q-News Graham Kemp, VK4BB:

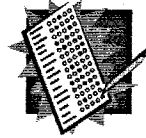
Here's an amazing story of amateur enthusiasm that must be one for the record books. After many years of trying, Roscoe VK3TPJ was overjoyed on receiving news of his pass in CW. After all Roscoe has had a well-equipped HF station for years but hasn't been able to use it without supervision.

So enthusiastic was our Roscoe that waiting for the call sign in the mail was not for him. So he immediately jumped in his Falcon and drove 1000K up to Sydney to visit the ACA in person. He arrived at around 5am and waited a few hours for the office to open.

When it did, he was told he needed a passport photo to stick onto his new certificate. Undaunted, he went downstairs to an instant photo machine at Wynyard Station. Five minutes later he was back, photo in hand. Another five minutes elapsed and Roscoe was VK3KRH - authorized to operate on all amateur bands. The task achieved, he got in his car and drove straight home again - after just four hours in Sydney and a round trip of approximately 2000 kilometers!

Congratulations to the new VK3KRH. You can catch up with him on 160 meter AM during the morning hours. (Q-News)

**ARRL VEC**



**Volunteer Examiner Testing**



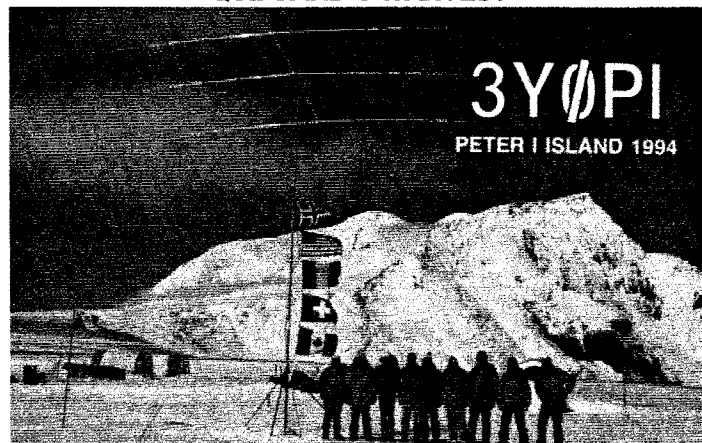
The final testing date for 2002 will be Saturday 11/09 at 10:00AM. The new location will be at the Masonic Lodge on Willow Creek Rd (by K-Mart). Additional sessions may be held as needed. All those attending for tests must have **ORIGINAL** license and a copy, **ORIGINAL CSCE's** and 1 photo ID. (VE's-remember to bring and wear your VE - ID Badgel)

Special test sessions may be accommodated according to demands, as needed. The test fee for 2002 remains at \$10.00. Further information can be obtained by contacting John Wilson-KM6BF at 636-1228.

**YOUR LOCAL PRESCOTT AREA VE's**

AB7KE	Joan Tremper	AB7KF	Bob Nichols
K7KOL	Bob Kane	K7NGK	Don Broadston
KC7AGL	Don Muller	AB7SK	Sasha LeGendre
KJ7KL	Pen Brown	N6LIK	Bob Hoffa
KM6BF	John Wilson	W2YAV	Bill Kafka
W7DC	Bob Harkey	W6CCD	Dick Hughes
W6HDP	Bill Jackson	WB6ODR	Bob Smith

**QSL CARD'S WANTED!**



Many of you may remember the Peter I Island DxPedition of 1994. This is the QSL card they sent. Looks a little colder than I would prefer!

*Remember, if you have a favorite QSL card that you would like to share, send it to me with a short story about it. If I don't get any, I'll continue boring you with mine! Ed.*



**For Sale:**

\$60 Heathkit SB610 - MonitorScope Good working condition, bright, steady trace, like-new appearance - no scratches, dents or dings (only my SSN removed from rear of chassis), original manual.

\$60 Apollo 700X-3 - Dummy load / Wattmeter (Ranges: 10-100-300-1000W) Excellent condition, oil-filled load element, but no manual.

\$15 R.L. Drake TV 1000 - Low Pass Filter Up to 1kW power handling capability.

\$50 Sears #613880 - 2 Meter Mobile (made by Yaesu?) - 10 Watts output Excellent condition, complete rig - including mic, mounting bracket and manual, plus Sears #613881 Remote Channel Selector accessory, and a Varco 13.8V Regulated Power Supply to operate the Sears unit as a base station.

\$40 Specialty Communications Systems SCS 2M3-30L - Solid State Linearized Amp. SSB / FM Good condition - a mobile unit, mounted on a fixture to facilitate quick removal from base bracket, two bases included, no manual.

\$20 Bullet PS-14 - 11.6-13.5V Precision Voltage Regulated Power Supply - KIT (You Build) This unit is rated at 15A continuous, 20A intermittent, regulation is 200mv - no load to full load. Included in kit are instruction/construction sheets and a Bullet OVP-1 Over Voltage Protector Kit to protect equipment in the event of a series pass short or regulator failure (trip voltage is adjustable over a 3 to 30 volt range). OVP-1 can be used on any fused P/S, up to 25A.

\$20 Box of Various pieces of Test Equipment, including: Heathkit AG-7 Audio Generator (old), w/ manual RCA WR-49B RF Generator (old) Sprague KT-1 Capacitance Checker (old) Heathkit HN-31 Dummy RF Load (without oil in can) w/ manual.

All above items were in working condition when packed up a number of years ago, but since all are used electronic equipment, I can not guarantee that they will meet specs today.

**Give Away:**

A Comdel Model CSP Speech Processor, with instruction sheets.

An Astatic TMD-107 Transistorized Microphone, with instruction sheets.

2 - Johnson Viking 250-40 Phone Patches.

1 Box of misc. transformers (3), assorted test prods, various lapel mics and earpiece phones, spaghetti tubing, 1/4" shafts and couplers, BNC connectors and cables, GenRadio banana plugs, quite a few resistors and capacitors, assorted new Radio Shack parts (LED's, photo-electric cells, rectifiers, etc.)

1 Box of misc. small alum. boxes, several electrolytic caps, Vector Wiring Pencil #P173, CSC Designmate circuit designer w/ 1-15VDC pwr., 0-30VDC meter, 0-1mA meter, 3W Calectro amplifier, touch-tone pad + instructions, Sigma #65FP1A 12VDC relay, one each 2" and 4" speakers, etc.

1 - 25 drawer (plastic) Cabinet, with lots of odds and ends in drawers (knobs, RF chokes, rectifiers, etc.)

1 Box of misc. Coaxial cables (58A/U, 59A/U and etc.) plus quite a few loose PL coax connectors.

1 Box of misc. coils of hook-up wire.

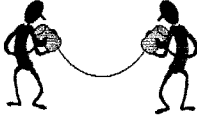
These parts and pieces are the remnants of 65 years of ham radio operation. I sent the main station to Handi-Ham - this stuff is all that's left. It has to go, now, in a down-sizing effort. The items for sale are available for inspection in my garage by calling local 778-6123.

Thanks for all of your help. Hamilton Cox, WOYJE (e-mail: [grafhc@vno.com](mailto:grafhc@vno.com))

**AREA REPEATERS**

FREQ	PL	Location	Notes
52.560-	100.0	Mt. Union (-500Khz)	CARS N7NGM
53.040-	C/S	Prescott Airport (-1 Mhz)	KC7WBE
145.350-	C/S	Wildflower Mtn.	DAWN
145.370	C/S	Towers Mtn.	MMRG
146.780-	91.5	Bill Williams Mtn.	BWARC
146.880-	100.0	Prescott	YARC
146.980-	100.0	Flagstaff-Elden	CARC
147.000+	100.0 162.2	Mingus Mtn.	MMRG
147.040+	100.0	Prescott Heights	W2YAV
147.140+	162.2	Flagstaff-Elden	ARA Link to Ord
147.220+	162.2	Mingus Mtn.	VVARA
147.260+	103.5	Mt. Union	YC EmergSvcs
223.960-	127.3	Chino Valley	NW7AZ
442.150+	100.0	Mingus Mtn.	Northlink
442.350+	100.0	Glassford Hill	N7KPU
448.475-	100.0	Flagstaff-Elden	ARA
448.500-	100.0	Prescott	KB6TWC
448.875-	100.0	Flagstaff-Elden	Northlink
449.175-	100.0	Towers Mtn	Northlink

ADDITIONS, DELETIONS AND CORRECTIONS APPRECIATED



**WEEKLY INFORMATION NET - WEDNESDAY NIGHTS @ 7:00 PM**  
146.880- (100.0 PL) IF YOU DON'T HAVE PL, TRANSMIT ON  
146.880 SIMPLEX WHEN THE REPEATER DROPS OUT. ALL  
AMATEURS WELCOME.

**MONTHLY MEETING - 3rd THURSDAY @ GRANITE MTN MIDDLE  
SCHOOL 7:00PM (N 34° 34' 22.6" W 112° 29' 45.1")**

**NEXT MEETING THURS. OCTOBER 17 2002 @ 7:00pm**

Wednesday Morning Breakfast-Iron Horse Café, S. Hwy 89 in Chino  
Valley (N 34° 43' 56.5" W 112° 27' 15.4"). 7:00AM. Informal-All are  
invited.

Thursday Morning Breakfast-Michael's Restaurant in the Safeway  
Shopping Center, Hwy 69 Prescott Valley. 7:00am. (N 34° 35' 13.3" W  
112° 19' 44.6") All are invited.

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

SOME CARTOONS COURTESY OF WORLDRADIO MAGAZINE

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

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

Many thanks to Bob Smith-WB6ODR, our Webmaster!

