

West Valley Amateur Radio Club, Inc

P O BOX 1573 Sun City, Arizona 85372-1573

SHORT SKIP

SHORT SKIP is published monthly, except July and September.

Deadline for items is 2nd Saturday of previous month. Submission by electronic mail preferred. E-mail: shortskip@yahoo.com. West Valley Amateur Radio Club is an ARRL affiliated club and an Arizona 501(c)(3) not for profit corporation.

Send business mail to PO BOX 1573 SUN CITY ARIZONA 85372

CLUB OFFICERS

Pres	David Cain	AC7CS	623-910-4191
V-Pres	Rich Haworth	W7MDQ	623-933-2191
Sec'y	Vern De Witt	AD7AM	623-582-5919
(Ass't	Kristy De Witt	KD7CSM)	
Treas	Phil Walker	W1PW	623-298-5178

CLUB DIRECTORS

Randy Helfrich	KD7ZAA	623-556-2228
Ron Phillips	AE6QU	602-369-4242
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Stan Swartz	K7PLO	623-933-4073

Ellsworth Campbell AA7TU, Editor 623-975-0646

e-mail: shortskip@yahoo.com

Club Web Page: <http://www.qsl.net/wvarc>

WVARC CALENDAR

Monday	June 5	Monthly Meeting	St. Clement Catholic Church Social Hall 7 PM (15800 Del Webb Blvd, Sun City)
Saturday	June 3	VE Testing	DeVry University 7:45 AM (2149 W Dunlap Ave, Phoenix)
Saturday	June 10	Club Breakfast	Lou's Tivoli Gardens 8:00 AM (14635 Del Webb Blvd Sun City)
Thursdays		Breakfast, Coco's	(98 th Avenue & Bell Road) 8:00 AM
Daily		Call-in Net	147.30 MHz 9:00 AM

PREZ SEZ

Our current Arizona weather makes staying inside and working the ham station much more enjoyable than most triple digit outdoor activities. Hope many of you are enjoying the bands and amateur activities. I heard from one member at breakfast the other day that 10 meters had opened up for a while. Maybe the low in the sun spot cycle is finally beginning to rise with better numbers and propagation on the way.

We want to thank Ned Stearns, AA7A, for a really interesting presentation on his annual CW trip to Africa. He is certainly part of a very dedicated team to overcome those challenges every year. Thanks again for a presentation that covered the cultural

and political aspects of the trip, as well as the technical parts of the contest stations.

Our June meeting will be about the SATERN program. This stands for Salvation Army Team Emergency Radio Network. The Salvation Army and the Red Cross are the only private organizations that the Department of Homeland Security recognizes as first responders to any disaster. Two gentlemen will tell us about their organization and some of the experiences that they have "survived". If you check out their website, you will note that they have nets on 80 , 60 , 40, and 20 meters. Be sure and attend the June meeting and learn about a national emergency organization and some of the techniques that they utilize.

David Cain AC7CS

HAMFESTS & EVENTS**Saturday June 3**

White Mountain Hamfest

Show Low Intermediate School

Old Linden Road, Show Low Arizona

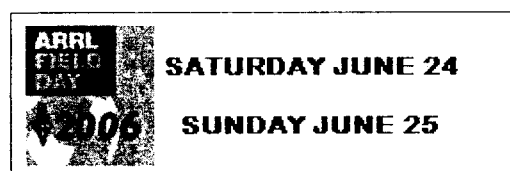
Sponsor: Kachina Amateur Radio Club

<http://hamfest.kachina-arc.org/>

Doors open at 7 am.

Ticket prices are \$2 for entrance, \$5 for tailgaters, and \$2 a raffle or 6 for \$10

Overnight camping permitted the night of June 2 (\$5 a trailer)

**Friday July 7 - Sunday July 9****Arizona State Convention**

Amateur Radio Council of Arizona (ARCA)

Williams Rodeo Grounds

800 East Rodeo Road, Williams, AZ

Talk-In: 146.78 PL 91.5

Free admission.

On-site dry camping, fee applies.

<http://www.arca-az.org/ARCA>

Contact: Mark Kesauer, N7KKQ

16845 North 29th Avenue, #312

Phoenix, AZ 85053-3041

Phone: 602-881-2722

Email: n7kkq@arrl.net

Saturday September 9

Sponsored by Hualapai ARC

Mohave Community College

1971 Jagerson Avenue, Kingman, AZ

Talk-In: 146.160/146.76 PL 131.8

Contact: Bill Beaman, KA0IYS

2652 East Mary Avenue

Bullhead City, AZ 86426

Phone: 928-758-6780

Friday September 22 – Sunday September 24

ARRL Southwestern Division Convention

San Diego California

www.sandarc-conv2006.org**EXPIRING LICENSES**

W5RCQ	Jerry Reed	Aug
W2HTX	Roy Woodruff	Sept
W8EPO	Walt Schwiebert	Sept
KB9OLC	Linda Wilson	Sept
N7KO	Rick Dill	Sept
NF7F	Gary Ferguson	Sept

NEEDED AND WANTED

If you hold a General or higher class license we need your help at license examination sessions. You must be accredited by the ARRL-VEC to participate at WVARC sessions. Membership in ARRL or WVARC is not required. For more information, email Bob Miner, ka7npq@arrl.net; or visit www.arrl.org. You will find satisfaction in serving as a Volunteer Examiner and the pay is not taxed.

MAY BOARD MEETING ACTIONS

1. Authorized a plaque at the Space Center in memory of Dan Pierson W6NTX.
2. Noted with appreciation the donation of Dan Pierson's Ham equipment to WVARC by his daughter, Marilyn Atherton KD7FVB.
3. Noted the death on May 5th of the mother of Ken Peloquin N7PHO and Rosemary Kydd N7PLN, and expressed our sympathy to them

WE EXPRESS OUR SYMPATHY

Rosemary Peloquin 82, died Friday May 5, 2006 at Phoenix Memorial Hospital after undergoing heart surgery. She was the mother of Rosemary J. Kydd N7PLN and Kenneth J. Peloquin N7PHO, members of WVARC. On May 24th there will be a small gathering at Genie G's Restaurant at 7349 W. Indian School RD to remember her. The Family is donating all of her Teddy Bears to the WVARC Teddy Bear Drive For the Kids.

David Morrill N7TWT

NEED HAM GEAR?

Our storage locker contains some excellent late model Ham gear, which can be obtained at reasonable prices. If you have a need, Stan, K7PLO may have an answer. Contact him at 623-933-4073.

FCC LICENSE EXAMS

Next exam session at DeVry University Saturday June 3 Exams start at 7:45 AM and all tests must be concluded by 9:45 AM. Check-in at the Library on the second floor, southeast corner of the School. Bring photo ID and the original operator license and CSEs and photocopies of each if applicable. ARRL VEC Exam Fee is \$14 for all elements taken once. An additional fee applies for a retest of any element. Retest is at the option of the VEs. **Pay fee by check to ARRL/VEC or exact amount in cash. Volunteer Examiners cannot make change.**

The May 6 session at DeVry – 15 candidates were examined

- 1 earned Code Credit
- 4 failed Technician Class
- 9 earned Technician license
- 1 earned General License
- 2 failed Extra Class
- 2 earned Extra License

Administering VEs

VE Team:

Edward H. Beyer WU7A
Joseph Cutitta W0SLL
Robert Fairfield K7RQN
Richard Koch W7DIC
David Morrill N7TWT
Shelly Newman AB7LQ
Yoshi Sano K7YS

Robert Miner KA7NPQ Liaison

New Question Pool Schedule

Technician class (Element 2) Pool released on January 23, 2006 and updated February 6, 2006, will take effect July 1, 2006.

The current Technician Pool is valid until midnight June 30, 2006.

General class (Element 3) will be released December 1, 2006 and will become effective July 1, 2007.

The current General Pool will now be valid until June 30, 2007.

Extra class (Element 4) will be released December 1, 2007 and will become effective July 1, 2008.

The current Extra Pool will now be valid until June 30, 2008.

The current Question Pools can be viewed or printed from the ARRL Web at

<http://www.arrl.org/arrlvec/pools.html>

ARRL VEC

FROM BOB KG7QJ RE TESTING AND W7ASC

The Spring 2006 No-Code Tech license class is over! We had 11 students sign up and 10 passed the Tech test with only one drop-Out. Students Jim, KE7HPF, and Chuck, KE7HPG took the test April 22nd at the Red Cross Arizona ARC test session.

The rest of the class were examined at a later session liaised by Joe Cuttita, W0SLL. Administering at the test session were Volunteer Examiners Bob Miner, KA7NPQ, Dave Morrill N7TWT, Ken Peloquin N7PHO, and Larry Kuck, WB7CRK.

By popular demand, we are planning a General License class this summer either at Arizona Science Center or Maricopa Community College (MCC). Tentative dates are Saturday 10AM to 1PM from July 8th to Sep 2nd. If you are interested give me a call at the number below. Look for flyers at Ham Radio Outlets Phoenix (HRO).

The Thunderbird ARC is planning to hold General classes also, probably starting mid-September to finish before thanksgiving week. For the T-Bird classes contact Bob Lowry, KD7UNL, at 602-996-4150 or e-mail lowryco@cox.net

The Technician question pools will change July 1st so this means a major overhaul to the Technician class materials. We hope to have the next Tech class starting in October at MCC.

Several updates were made to the computers in the W7ASC Ham Shack. We now have 3 IBM PCs all running over 1 GHZ which is far better than the 600 MHz we had before. Echo Link is up and running for those that like to use it. The only downside is the Satellite system which continues to have software issues due mainly to the new computers.

We are very short on volunteers for W7ASC. Please call Bob at 480-961-1109 and volunteer now. A volunteer sign-up page is available at www.w7asc.org

kg7qj@cox.net 480-961-1109

SATELLITES

AMSAT (Phase 3C) AMSAT-Oscar 13 (AO-13)
Part 3 of 4

AMSAT (Phase 3C) was launched June 15, 1988, and after reaching the desired orbit was named AMSAT-Oscar 13 (AO-13). There were no "known Achilles heel" during the flawless launch and orbital transfer.

Oscar 13 was designed after Oscar 10, (which was launched June 16, 1983). There were some changes made in the subsystems of AO-13, but the major change was in the spacecraft computer, using "special radiation hardened IC's", donated by Harris Semiconductors.

Then, after about a year in orbit, data indicated that Oscar 13 would reenter the earth's atmosphere. The cause was due to small forces caused by the asymmetry of the earth, moon and sun, and the perigee of the satellite was getting closer to earth. Nothing could be done except to watch AO-13 approach its fate. The spacecraft continued to perform with excellence until atmospheric drag began to affect the orientation and temperature. Finally, on December 05, 1996, AO-13 reentered the atmosphere and burned up.

*73 Robert K7RQN AMSAT-NA
Area coordinator, Peoria, AZ*

MORE ON BPL

The Communications Act of 1934 and the FCC Rules have long required that unlicensed emitters such as BPL systems must protect licensed radio services from interference, and that they must accept any interference to their operation that is the result of normal activity by licensed radio services. However, in practice it is often difficult to resolve such interference problems in the field. In one case in Cedar Rapids, Iowa, BPL engineers spent 12 weeks trying to solve an interference problem without success. The interference did not cease until the test was terminated prematurely.

Studies by the National Telecommunications and Information Administration (NTIA) show that the probability of interference from a BPL system operating at the FCC radiated emission limit on the same frequency as a typical two-way radio station is essentially 100% 200 to 400 meters from the power line, depending on the frequency.

FOR SALE**SIX ELEMENT MONOBANDER**

New (purchased 11/05) Force 12 C-33ss, 12 ft. boom...asking \$450.00. XYL bought me a Steppir 3L. Questions call Bob at 602-843-2193..

Heath SB 200 linear amplifier..new electrolytics and modified keying ; \$275

Yaesu FT-60 dual band HT.\$125

Ron K6OP 623-546-5710 or e mail
ronk6op@cox.net

Wanted: 2 Crank Up Towers

Two members of our West Valley Amateur Radio Club want to buy Crank Up Towers. If you have one for sale or know of someone who does please call Scotty W7SW at (623) 214-3303 or send email to W7SW@ARRL.NET

SERVICE OFFER (Advertisement)

I buy used electronic and radio equipment. Also I can work for you as a Handyman doing antenna work or odd jobs, and am willing to take used equipment if you prefer, as payment. Please call Scotty Rathjen W7SW at(623) 214-3303 or send an email to: w7sw@arrl.net.

HAM HOME REAL ESTATE (Advertisement)

Are you or someone you know looking for a Ham Home? I can help you find a home with a tower or one where a tower can be added. Call or email me to get started. Richard Haworth W7MDQ Coldwell Banker Success Realty 602-370-1450 cell, rahaworth@cox.net"

SERVICE NOTICE (Advertisement)

Due to insurance considerations I can no longer move towers for others. If you have a tower/antenna that you want to get rid of I will remove it: the salvaged material will belong to me. Paul Playford, W8AEF. 623-466-4195.

<p>NOTE--Deadline for providing input to the next Short Skip is Saturday July 15, 2006</p>
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