

WEST VALLEY AMATEUR RADIO CLUB

P O BOX 1573 SUN CITY, ARIZONA 85372-1573

SHORT SKIP



SHORT SKIP is published monthly except July and September. Deadline for items is the second Saturday of previous month. Submission by electronic mail is preferred; email: shortskip@yahoo.com. West Valley Amateur Radio Club, Inc. is an Arizona 501(c)(3) not for profit corporation.
An ARRL Affiliated Club

CLUB OFFICERS				CLUB DIRECTORS		
President	David Morrill	N7TWT	623-925-0680	Pat Lynch	K7NFB	623-544-9282
V-President	Lou Caldwell	W7HX	623-583-7974	Ron Philips	AE6QU	602-369-4242
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Randall Helfrich KD7ZAA: Editor email: shortskip@yahoo.com Club Web Page: http://www.westvalleyarc.org						

WVARC CALENDAR

Saturday	October 4	VE Exam Session	DeVry University 2149 W Dunlap Ave, Phoenix	9:00 AM
Monday	October 6	Monthly Meeting	St. Clement Catholic Church Social Hall 15800 Del Webb Blvd, Sun City	7:00 PM
Saturday	October 11	Monthly Breakfast	Lou's Tivoli Gardens 14635 Del Webb Blvd Sun City	7:45 AM
Thursdays		Weekly Breakfast	Lou's Tivoli Gardens	8:00 AM
Daily		Call-in Net	147.300 MHz, Tone 162.2 Hz	9:00 AM
Mon-Thur		Call-in Net	147.300 MHz, Tone 162.2 Hz	8:00 PM

PREZ SEZ

I hope everyone is staying reasonably cool this summer. I am sure glad that the weather is cooling down some. I am tired of the heat and ready for some cooler weather.

We had the ARRL Southwest Convention here on the weekend of the 12th. If you attended, I hope that you had a nice time.

I have been trying to set up some programs for the club meetings and could use some ideas. So if you can think of something that would be of interest to the club I would appreciate hearing about it.

We have club elections coming up in December so think about being more about your club. We also must have volunteers for the nominating committee. The slate of officers for 2009 must be announced in the November meeting. One of those vacancies will be the President position. We urgently need a Membership Chairman to take some of the load off of Phil Walker W1PW. For those of you who would like to contribute to the club's direction and activities, now is the time to volunteer. Apply to any of the club officers for the above urgent needs.

October 8th is the Palo Verde Siren test and could use a few more people to get the test to

be successful. As far as I know there are still 47 sirens.

David Morrill N7TWT

SILENT KEY NOTICES

Our popular 2 Meter Nets help house-bound Hams who can't get to Club meetings meet other members and Hams in the Phoenix Arizona metropolitan area. Two frequent "netters", KC7HLM and WB7PKW, passed away this summer.

Jim Berkheimer KC7HLM

Jim, the "Huggable Little Monster", became a silent key on July 23. He and his wife Mary KC7HLQ are familiar to many local Hams through their active participation on the daily WVARC 2 Meter Daily Call In Net and the 8PM Weeknight Net. Jim's humorous and sometimes very corny wise cracks were entertaining. He always signed out with "Have a good day today and a better one tomorrow." They are members of WVARC and Thunderbird Amateur Radio Club.

Lloyd Purcell WB7PKW

Member Lloyd became a silent key August 17. He was the Net Control on the WVARC 2 Meter nets several times each week. He identified: "My name is Lloyd with 2 ells." The trivia questions he posed would jog our memories or remind us of things we should have learned in school. He was also active on national HF nets. Among his other avocations were amateur radio kit building and maintaining a 1972 Plymouth Duster automobile in show room condition.

Steve Garber KE7JDR

Steve became a silent key August 20. Steve was active in Amateur Radio emergency communications. He was an ARRL Continuing Education Certified Field Instructor and taught Amateur Radio Emergency Communications Course classes. In addition to WVARC membership, he was active with the Maricopa County Emergency Communication Group (MCECG).

WELCOME NEW MEMBERS

Bart Day KB0DAY Buckeye
Deby Day KD0DAY Buckeye
Mike Hurd N7TTC Sun City West
Cynthia Thompson W8SPU Wickenburg
Harold Zabel N7KXZ Sun City

CALL SIGN CHANGE

Phyllis Cipolla W1JUN was N2AGY

EXPIRING LICENSES

WC9Y	David Smith	October
W6IWR	Jerry Overeynder	November

UPCOMING HAMFESTS & SWAPMEETS

Saturday Oct 18 Annual Swapmeet

Kino Sports Park
2500 East Ajo Tucson Arizona
Talk-In: 147.30+ (PL 110.9)
Sponsor:
Old Pueblo Radio Club
Contact: John Clor, N7SQQ
1934 Avenida Planeta Tucson, AZ 85710
Phone: 520-400-6446, Email: w7gv@cox.net

Saturday December 6 Superstition Hamfest

Mesa Community College
SE Corner of Dobson Rd & Southern Ave
Mesa, Arizona
Talk-In: 147.20+ (PL 162.2)
Sponsor:
Superstition Amateur Radio Club
<http://www.wb7tjd.org>
Contact: Judy Ferrara, K7JLF
1058 South 97th Street
Mesa, AZ 85208-3115
Phone: 480-354-0782 Email: k7jlf@att.net

PALO VERDE SIREN TEST

NOTE: The test date has changed to **October 8th. Please contact David Morrill N7TWT if you are interest in participating. 623-925-0680 Home or 623-680-5011 Cell**

WVARC Picnic

Saturday, November 15

9 a.m.-1 p.m.

Rio Vista Park Peoria

8866 W. Thunderbird

¼ mile west of the 101,

North side of the street & North end of the park

Club will supply Hamburgers/Hot dogs and table cloths

Please Bring

Salads, side dishes or desserts

Your own beverages-no beer/liquor

Your own table service

Also, bring your fun attitude and a new white elephant item, if you wish, for a fun raffle. It does not need to be HAM related.

Any questions please call Cindy @ 623-925-0680 in the evenings or e-mail her at kd7jvw@cox.net

ARIZONA'S YOUNG HAM OF THE YEAR

At their July 18-19 2008 meeting in Connecticut, the ARRL Board of Directors awarded the 2007 Hiram Percy Maxim Award to 13 years old Jim Fagan, KE7IDC, of Tucson, Arizona.

The same week end at the Amateur Radio Council of Arizona (ARCA) meeting in Williams Arizona, Jim was recognized as their 2008 ARCA Young Ham of the Year.

Both awards are given annually to a licensed radio amateur under the age of 21 for accomplishments and contributions to both the community of Amateur Radio and the local community.

Jim teaches the Radio and Electronics for the Boy Scout merit badge. He is the Tucson Repeater Council's representative to ARCA; he writes a Youth and Scouting article for the ARRL Arizona Section newsletter monthly and helps out at bike races, walkathons and Red Cross drills.

He is the son of ARRL Arizona Section Manager, Tom Fagan K7DF and Marjorie KE7LHY.

AN ACTRESS A MUSICIAN AND THE SPREAD SPECTRUM PATENT

In August 1942 Hollywood actress Hedy Lamar and avant garde composer George Antheil received US patent 2292387 for a system of secret communication by radio wave transmission.

The Actress

Hedy Lamar was born in Vienna in 1914. She starred in the controversial 1933 Czech film "Ecstasy" in which she ran across the screen nude. That year she married 13 year older Fritz Mandl a munitions manufacturer and Nazi sympathizer. He was a jealous husband and tried to buy back all the copies of the film. He forbade her pursuit of an acting career, and escorted her to meetings with his engineers and business partners. The mathematically talented actress learned about guided missile systems. In 1937, she escaped from Mandl to London England. There she signed a contract with MGM and moved on to Hollywood.

The Composer

George Antheil was born in New Jersey in 1900 and began his professional musical career in Europe. In 1924 he composed a controversial symphony called Ballet Mécanique. It used 3 xylophones, 4 bass drums, a gong, siren, 3 airplane propellers, 7 electric door bells, 2 pianos and 16 synchronized player pianos. Antheil returned to the United States as the Nazi party began to take over the German government. He settled in California where he scored music for films.

The Invention

The two met at a Hollywood party where they discussed the war in Europe and the threat to American shipping from Germany. Antheil went to Lamar's home the next day to talk about what they could do to stop Hitler. She knew and understood that a guided torpedo was the most effective way to hit a target at sea; but radio control is compromised by jamming. Over a series of meetings, they came up with the idea of "frequency hopping", rapidly changing the carrier frequency of the control signal. Antheil gave Lamar the credit for the idea. He used his synchronized player pianos model to synchronize the transmitter and receiver to the same momentary frequency using player piano rolls.

Spread Spectrum

The Navy did not take the invention seriously. After the patent lapsed in the 1950s, Sylvania engineers renamed frequency hopping, spread spectrum. The development of fast microprocessors has enabled the use of spread spectrum for cellular telephones and wireless access to high bandwidth internet.

AZ SCIENCE CENTER RADIO SHACK

The W7ASC Ham Shack is open! We have moved to the third floor in the AZ Science Center's new "My Digital World" area. We closed the W7ASC Shack Saturday August 2nd and re-opened Labor Day Sept 1st. We still have a lot to do to get everything operational. Due to illness, work schedules, vacations, construction delays, etc. we did not get all of the things done that we needed to.

Status so far thanks to Rick, KA0KZB, Steve, WB4ZSC, Dave, W7PMD, Tom, AD7PM, Terry, NK7T, and John, KC7KML for getting the CW modes working, the computers up and completing the connections for the PSK 31 and other digital modes. Now Digipan, CWGet, and SSTV are working. ECHO-Link is also up thanks to George KQ7C and Bob K7JJT.

The wiring is in place for remote control of the Kenwood 570 but we still need to resolve some computer software issues (that's probably on-going!). Server connections, and function modes for the LCD screens also need to be fixed. Also we need to get our graphics and "signage" in place. If you have NOT been to the new Ham Shack yet please plan a visit.

The General License Class at the Science Center is completed with 15 students finishing the course. Hopefully they are ready for the test at the ARRL SW Convention in Mesa September 13th. The Fall Tech class starts Saturday October 11th, 10:00AM to 1:00PM at Mesa Community College (Southern & Dobson in Mesa). The License test will be at the last class session November 22nd.

We are still looking for more W7ASC volunteers for the "winter" hours: 2 shifts per day (9:00-1:00 and 1:00-5:00). Spread the word at your Ham Club. Call 480-961-1109 and volunteer now. A Volunteer sign-up page is available at www.w7asc.org ..We hope to have an updated presentation available in September for the valley Ham clubs and posted on the W7ASC.ORG web page.

Bob Burlison KG7QJ
KG7QJ@Cox.net

WANTED FOR TEACHERS FOR HAM CLASSES

The WVARC is looking for people to teach the Technician, General, and Extra classes. If you would like to teach one of these classes, please contact David Morrill, N7TWT.

NEED COMPUTER HELP? (Ad)

Computer consultant: in-home tutoring, problem solving, hardware and software installations, virus detection and removal. Patient, professional with 30+ years in the computer field. Call Larry; KE7JXQ at L.E. Purchase Computer Consultants, Inc. 1-888-922-9295 or 602-863-0502

HAM HOME REAL ESTATE (Ad)

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

WANTED (Ad): Heathkits, (Amateur Radio related), and Manuals, Robert, K7RQN, 623 566-2320.

Closing date for material for

October Short Skip

Saturday October 11, 2008

Email: shortskip@yahoo.com