



SHORT SKIP

SHORT SKIP is published monthly (except July and September) by WVARC. Deadline for items is second Saturday of previous month. Submission by electronic mail preferred. Email to: shortskip@yahoo.com.

West Valley Amateur Radio Club, Inc is an ARRL affiliated club
Post Office Box 1573, Sun City Arizona 85372

WVARC is a 501(c)(3) not for profit corporation

CLUB OFFICERS

Pres	David Cain	AC7CS	623-910-4191
V-Pres	Augie Allen	KB0RUL	623-572-4102
Sec'y	E E Campbell	AA7TU	623-975-0646
Treas	Phil Walker	W1PW	623-298-5178

CLUB DIRECTORS

Rich Haworth	W7MDQ	623-933-2191
Randy Helfrich	KD7ZAA	623-556-2228
David Morrill	N7TWT	623-925-0680
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	December 5	Monthly Meeting	St. Clement Catholic Church Social Hall 7 PM (15800 Del Webb Blvd, Sun City)
Saturday	December 3	VE Testing	DeVry University 7:45 AM (2149 W Dunlap Ave, Phoenix)
Saturday	December 10	Club Breakfast	Lou's Tivoli Gardens 8:00 AM (14635 Del Webb Blvd Sun City)
Thursdays Daily		Breakfast, Coco's Call-in Net	(98 th Avenue & Bell Road) 8:00 AM 147.30 MHz 9:00 AM

TWO VERY IMPORTANT ACTIVITIES AT THE DECEMBER 5TH CLUB MEETING!

As many of you are aware, the Club meeting in December is different. It's our annual "End-of-the-Year" party! There will be coffee, fruit punch, and all sorts of goodies that will appeal to your Holiday-tuned appetite.

To make sure we have plenty of goodies for everyone, we are asking each member, who may very well know how to tune in a satellite signal, but doesn't know flour from sugar and how to put them together to produce cookies, to appeal to his XYL to produce something to

share at the party. If you're a female type Ham, you can also join in the production fun, presuming that your intense involvement in Ham Radio hasn't caused you to forget the fine art of baking!

THE OTHER FEATURE OF THE EVENING

Election of officers for 2006. Gordon Willis K7GSW, has come up with a fine slate for the coming year, which is listed on the next page. There will also be an opportunity at this meeting to add any additional nominations. After the close of nominations we vote for those who will lead WVARC in the coming year.

FCC LICENSE EXAMS

Next exam session at DeVry University Saturday Nov 5, 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 Nov 5, session at DeVry 9 candidates were examined:

- 1 earned Code
- 5 earned Technician license
- 2 earned General License
- 1 earned General Credit Only
- 2 earned Extra License

Administering VEs

Robert Miner KA7NPQ Liaison

VE Team:

- Edward H. Beyer - WU7A
- Bob Bianca - KN7E
- Joseph Cutitta - W0SLL
- Robert Fairfield - K7RQN
- Robert Knight - N7LPD
- David Morrill - N7TWT
- Shelly Newman - AB7LQ
- Kenneth Peloquin - N7PHO
- Glenn M. Wade - N7JWF

Congratulation to Glenn Wade – N7JWF,
On his 150th VE Exam Session!

EXPIRING LICENCES

W7MAJ Frank Green	January
KB0UYT Bruno Berg	January
WA1MHZ Bob Gormley	February

NEW MEMBERS

Mark Barber AC7UD	Surprise
Loren Page W7VMP	Sun City
Don Puirland W7GIT	Phoenix
Robert Rigdon KE7FGG	Glendale
Kenneth Ronkainen KE7DT	Sun City
Robert Wilkins W7DZK	Phoenix

Memberships 2005 will expire January 2006

Membership renewal forms are available on the WVARC web site. If you haven't yet renewed, mail the completed form and \$15 to the Club (PO Box 1573, Sun City, AZ 85372).

ELECTION TIME -- DECEMBER MEETING

Nominations for various Club offices were announced at the November 7 Club meeting. Voting for officers for 2006 will take place at the December Club meeting. Gordon Willis K7GSW is chairman of the nominating committee. The slate as presented at the November meeting is:

President	David Cain	AC7CS
V.President	Richard Haworth	W7MDQ
Secretary	Vern De Witt	AD7AM
Ass't Sec'y	Kristy De Witt	KD7CSM
Treasurer	Phil Walker	W1PW
Directors	Stan Swartz	K7PLO
	Ron Phillips	AE7QU

Additional nominations can be made from the floor at the December meeting.

UPCOMING HAMFESTS

Superstition ARC Annual Fest

Saturday Dec 3 2005, Mesa Community College
1833 West Southern Avenue, Mesa, AZ
SW Parking Lot
Talk-In: 147.120+ (PL 162.2)
Contact: Mike Swiader, KA9E
PO Box 21522, Mesa, AZ 85277-1522
Phone: 480-984-8517, Email: KA9E@arrl.net
<http://hamfest.wb7tjd.org>

Sunday December 11

Annual Pig Feast/ATV Auction

Arizona Amateurs on Television (AATV)
6101 West Michelle
Glendale, AZ
Talk-In: 146.84 -600 (PL 162.2)
Contact: Brian Vietri, WB7QDR
18060 North 24th Drive
Phoenix, AZ 85023
Phone: 480-947-1304
Email: bvietri@msn.com

Thunderbird Amateur Radio Club Westfest

Saturday, January 14, 2006 6 AM to 2 PM

Glendale Community College
59th Ave & Olive/Dunlap Ave, Glendale, AZ
Follow signs to North Parking Lot
Admission: \$2.00 per person
Vendors: \$5.00 per space

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Check www.w7tbc.org for more information
Steve, wladw@arrl.net or Bob, hamradio@cox.net
Talk-in: 146.700 -600KHz 162.2 Hz PL
446/150 -5<hz. 100.0 Hz PL
No firearms, alcohol or drugs permitted

**Monday February 6
WVARC Annual Auction**

St. Clements of Rome Social Hall
15800 Del Webb Blvd. Sun City
Talk-In: 147.300 +600 input (PL 162.2)
http://www.qsl.net/wvarc
Contact: Ken Solheim, WN7DRX
15874 West Grand Isle Way
Surprise, AZ 85374
Phone: 623-544-2827
Email: hamauction2006@cox.net

SERVICE FOR HAMS (Advertisement)

Have you found a good used tower but can't figure out how you're going to get it down and moved to your QTH? Here's your solution: call Paul Playford, W8AEF at 623-580-0015. He has the know-how, and the equipment to do the job right.

ANOTHER 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"

EQUIPMENT FOR SALE

Cushcraft A4S Tri-bander; disassembled; all new plastic.....\$250.00
HAM IV rotator.....\$250.00
30ft of Rohn 25 tower, hinged base plate & 2 house brackets.....\$125.00
Call Roger, WA9MSR.....(623) 544-9641

Drake R8B Communications Receiver 10 KHZ to 30 Mhz, 1000 Memory Channels, Two VFOs Asking..... \$1,000
Kenwood TS 830 S Ham band only Transceiver Asking\$400
Call Walt Schwiebert, W8EPO (623) 972-0370

Following – property of Ken Morrison W6SQ, former member of WVARC

FT-840 Yaesu HF Transceiver 10-160 Meters \$400.00
R35A 12V Astron Power Supply \$70.00
Field Strength Meter \$10.00
HTX-40 70CM Handheld Xceiver\$30.00
No Battery
IC-2-AT 2 Meter Handheld Xceiver\$30.00
No Battery
PM-15 Siltronic Power/SWR Meter\$30.00
IC-28-H 2 Meter Xceiver\$30.00
Squelch not working
PS-!2-A Astron 12 Amp Power Supply..\$40.00

More info – call Walt Schwiebert, W8EPO (623) 972-0370

OUR SYMPATHY TO JERRY OVEREYNDER W6IWR

Jerry's wife, Josephine, died Monday evening, November 7. A memorial service was held at Lord of Life Lutheran Church, SCW on Saturday, November 12.

NOTE--Deadline for providing input to the next Short Skip is Saturday December 10,2005

SATELLITES**SUITSAT – An Unusual Amateur Satellite**

The Suitsat project was proposed in October 2004 by the ARISS – Russian team, also called Radioskaf or Radio Sputnik in Russian. The idea was to take an obsolete Russian Orlan Spacesuit, already on board the International Space Station (ISS), and turn it into a satellite with an amateur radio transmitter inside.

The plan is to install a modified Kenwood TH-K2 2m radio, TAPR voice module, a CD, and a slow scan television (SSTV), plus hardware and software into the Orlan suit and manually release the suit (scheduled in December, 2005). It will be deployed from the ISS by the Expedition 12 crew, during an extra vehicular activity (EVA) spacewalk.

The amateur radio transmissions will be a voice station ID, voice greetings, a SSTV image, and telemetry information about Suitsat. Station ID will say "This is Suitsat1 – amateur radio station RSORS". It will take about 8 minutes to transmit all this information, making it possible to copy the entire program during a single pass. Suitsat will operate on the space suit's battery power and will have transmit only capability.

It will be a unique experience to listen to Suitsat as it orbits overhead. A 2m FM receiver and a directional antenna should be sufficient to receive the satellite's signal. The frequency is 145.990 MHz which is subject to change. A satellite tracking program will be needed to find out the pass time at your location. Suitsat will have a short life span of only a few weeks before it re-enters the earth's atmosphere and burns up.

SATELLITE HISTORY –OSCAR 6, AO-6

AMSAT OSCAR 6 was launched October 15, 1972, from Vandenberg Air Force Base in California, on a Delta 300 rocket. Known as an amateur radio satellite phase 2, AO-6 was put in a sun-synchronous, circular, low earth orbit (LEO) at an altitude of 900 miles. It weighed 35 lbs, with 1 watt, 100KHz wide transponder: Uplink: 146 MHz, Downlink: 2929MHz Mode A.

Components for the satellite were also built by Australia and West Germany. NiCD batteries, charged by the solar panels (24V@3.5w) powered the three transponders. AMSAT-OSCAR 6

provided the first mobile-to-mobile radio communications via satellite. It also saw the first satellite-to-satellite link-up with AO-7 which was launched November 15, 1974. AMSAT-OSCAR 6 was the first amateur satellite to contain a digital store-and-forward message system.

AMSAT-OSCAR 6 was dedicated to the memory of AMSAT's Treasurer, Harry Helfrich W3ZM.

73 Robert, K7RQN AMSAT – NA

FROM ARRL ARIZONA SECTION

The Public Service "season" has arrived and we have already supported several events. One had a record breaking attendance of 41000 participants in the middle of Downtown Phoenix. The Susan G. Komen "Race For The Cure" broke several records this year, including dollar donations and attendance. Nine Public Service Events were supported in Phoenix during the month of October. If you would like to develop your emergency communications skills take a walk on the wild side and join your local Emergency Communications Group on one of the public service events they support every year.

Don't forget to keep your message handling skills sharp as well; drop me a note if you are interested in working formal message traffic.

Be Safe. Be Careful. And Keep Communicating.

Rick Aldom -W7STS

*Section Emergency Coordinator
natecf@gmail.com*

ELLSWORTH CAMPBELL AA7TU 2006 HAM OF THE YEAR

Editor Elzie was honored as the WVARC *HAM OF THE YEAR* at the annual Ladies Night Out dinner. Phil Walker WIPW last year's honoree presented the award to a very surprised Elzie.

Phil recounted Elzie's service to the Club as Secretary, a Volunteer Examiner, and newsletter editor.

Elzie has served as a Chaplain in the US Navy, and later as Pastor of Faith Lutheran Church in Yuma. He earned graduate degrees in Counseling and set up a family counseling agency in Maricopa county.

Rich Piggott WB2LKU