



# WEST VALLEY AMATEUR RADIO CLUB, INC.

P.O. BOX 1573, SUN CITY, AZ. 85372

## SHORT SKIP

SHORT SKIP is a periodical published monthly (every 2 months in summer) by WVARC. Deadline for items is 2nd Saturday of the month. Mail to Club's P.O. Box, or call Editor Randy Carlson (days) 623-546-7015 or (evenings) 623-934-4366.

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APRIL 2001

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### MARCH WVARC CALENDAR

SATURDAY	APRIL 7	LICENSE EXAMS, De VRY INSTITUTE, PHX, 8 TO 10 AM
SATURDAY	APRIL 7	ARIZONA ARC HAM-FEST, DEVRY INSTITUTE 6 AM TO 2 PM.
MONDAY	APRIL 2	MONTHLY MEETING, ST CLEMENT SOCIAL HALL, SC, 7 PM
SATURDAY	APRIL 14	CLUB BREAKFAST, TIVOLI GARDENS, SC, 8 AM

WEDNESDAYS  
THURSDAYS  
DAILY

2m HAM NEWSLINE NET, 147.30 MHz, 6:45 PM  
BRUNCH, COCO'S, 98th Ave. & Bell Rd., 9:00 AM  
CALL-IN NET, 147.30 MHz, 9 AM

MEMBERSHIP IN WEST VALLEY ARC is open to anyone with an interest in Amateur Radio. One \$10 annual fee includes all family hams at same address; only one Short Skip mailed to each address.

### PROGRAM FOR APRIL 2 MEETING:

The April program will be "Skywarn -An update of the program" presented by Steve Sipple...a Skywarn expert. The program, for those of you who are unfamiliar, is a nationwide amateur network devoted to early warning of catastrophic events such as tornadoes, and other events that are "sky related." Don't understand...come and hear the program. Ron K6OP

### Ham Radio can make for enduring relationships.

There were only 3 hams in our high school. We each got our licenses at about the same time in 1933. Mine W8LUW, Bud W8LBH (now W5AJS) and Max W8LHV, We have kept together by ham radio for 67 years and still have a weekly schedule although located in 3 different states.

Each of us went to war in WW2. I served as an Infantry Company Commander with Patton's Third Army in Europe and kept up with news for the men by use of my ham receiver, a Hallicrafters Sky Buddy in the back of my jeep, and even though at one point my jeep was hit by heavy machine gun fire with bullet holes all through it, the Sky Buddy and I survived the war - It was well named.

A ham license can mean much more than just a hobby.

Ben Logan

W9MVB ex W8LUW

**HAM RADIO LICENSE EXAMS** at DeVry February 3. Register 8AM; all tests must be completed by 10AM. Bring photo ID, original and copy of appropriate licenses or CSCEs. Form NCVEC 605 is available at Registration.

Requirements for an operator license are Elements 1,2,3,4 for Extra; for General class, elements 1,2,3; Technician class Element 2.

Applicants are reminded the following rules will be applied by VEs: You present photo identification. You must present the original and a copy of each credit-supporting document (license, CSCEs).

Payment by check or the EXACT amount in cash - VEs cannot, may not, and will not make change.

The new license structure is in effect. Sections 97.501 through 97.503 of the FCC regulations specifies the following examination element standards and operator qualifications:

- Element 1: 5 words-per-minute;
- Element 2: Technician Class - 35 questions 26 minimum correct;
- Element 3: General Class 35 questions 26 minimum correct;
- Element 4: Extra Class 50 questions 37 minimum correct.

Requirements for an operator license are: Technician Class Element 2,  
General Class - Elements 1, 2, 3,  
Extra Class - Elements 1, 2, 3, 4

#### **Results of the VE session at DeVry on March 3:**

11 candidates were served. License classes earned: Tech, 3; General, 5; Extra, 0.

Exam element passed rate: Element 1 (code) - 100%; Element 2 (Tech) - 67%; Element 3 (General) - 100%; Element 4 (Extra) - 0%.

#### **Administering VEs:**

Rich Piggott WB2LKU, Liaison; Edward Beyer WU7A, Joe Cutitta W0SLL, William Gadbois KC7JRY, JEFF Johnson KJ7LO, Stan Kieffer N7QB, Robert Knight N7LPD, David Morrill N7TWT, Shelly Newman AB7LQ, Lynn O'dell WI0W, Jack Richards WA9TV, Yoshi Sano K7YS, Rick Tannehill W78RT, Glenn Wade N7JWF, Dwight Yard KB7KON.

#### **Arizona Amateur Radio Club Ham-Fest**

Saturday April 7, DeVry Institute south parking lot 2149 Dunlap Ave Phoenix 0600 'til 1400.  
\$1.00 admission, tailgate \$5.00/space. Talk-in 147.28 MHz  
Contact George KQ7C 602-274-6212

### **CLUB NOTES:**

#### **FCC License Expirations:**

KB0HPW, Connie Carson	June 2001
N7SKR, Betty Smith	June 2001
K7AQ, Charlie Cox	June 2001

#### **New Licenses and License Upgrades:**

Marvin Nessius KA9EWF earned General License  
Michael Johnson KD7GSR earned General License

#### **New Members:**

Gerald Gomolak KC1BL	10026 N 94th LN	Peoria AZ	85345
Arby Conant	KC7HDB	10848 N. Fairway Ct.	Sun City West AZ 85351
Eleanor W. Conant	KD7GRA	10848 N. Fairway Ct.	Sun City West AZ 85351

Consult the 2001 Roster on the WWW for addresses and phone numbers.

**ARRL BOOKS FREE...**

Actually, they were free to the Club from ARRL and now available for any of our members to borrow for 30 days at a time.

The books are: ARRL ANTENNA HANDBOOK, RFI Book, NEW HAM COMPANION, QRP POWER, NOW YOUR TALKING, GENERAL CLASS LICENSE MANUAL, and EXTRA CLASS LICENSE MANUAL.

Our secretary, Pete Pedersen, W7KTK, is the "librarian". Give Pete a call and if the book is available you can stop by and borrow it.

**Public Service Notes**

2001 Arizona Senior Olympics  
Sun City Grand, Surprise Arizona  
March 3 and March 4.

The sun rose in a cloudless sky on Saturday, March 3 and Sunday. The rainfall until then was 43% above normal so the outdoors felt especially pleasant on that first weekend in March. Saturday's Olympic events were 5K and 10K runs with a 5K fun walk. On Sunday a Triathlon was held. The triathlon comprised a 500-yard swim, a 20K bike ride and a 5K foot race.

West Valley Amateur Radio Club provided the emergency communication network both days. There were no untoward incidents; everyone had a good time.

John Kornbeck WA9HBT, Public Service Teams Coordinator, organized and managed the network. Since Sun City Grand does not have a Public Service Team yet, he formed a team from Hams who live in other west valley areas. Twenty-two operators volunteered their time, service, and equipment.

The volunteers were: Marilyn Atherton KD7FVB, Chuck Buell N7WXO, Marty Colburn K4VM, Reuben Deerhake W7RD, George Hands KE7DH, Rich Haworth W7MDQ, Allen Heneman K0HOZ, Bob Hunt KC7NJZ, Fred Jones N7QV, Pete Pederson W7KTK, Dan Pierson W6NTX, Cal Redburn 4ZMX, Flora Rutledge WA0AAM, Walt Schwiebert W8EPO, David Smith WC9Y, Mitt Thompson K9CCX, Loyd Waite N7IAU, Marilyn Waite N7DFH, Ted Walker KJ7V, George Watling N7JSA, Tom Watts NY7S.

**CLASSIFIED ADDS****FOR SALE**

Mosley CL-36 broad beam antenna \$325  
Hallicrafters Model S118 6-band receiver \$200  
Bob Jelinek KA9AHK (623) 875-7717

**2-Meter Repeater Update**

The long awaited new antenna for our 2 meter repeater, KC7KLC, located on top of Del Webb Hospital in Sun City West is now erected and is in operation. After getting approval from the F.A.A. in December and a permit from Maricopa county in February we were able to go ahead with the project. I called Western Wireless Works and spoke to Richard Haskey, KG7BT. I let him know we were ready. The earliest date we could get together was Saturday, March 3rd and so it was decided.

On that date Tom Watts, NY7S and I met the crew from Western Wireless Works at Del Webb Hospital. The crew brought the 3 10' sections of tower and 2 antenna sections up the service elevator along with associated hardware and tools. It took 3 or 4 trips up the elevator before all necessary items were on the roof. At about 9:30AM work began. First thing to do was remove the old antenna and its support. Then holes had to be drilled in the wall to support the bottom tower section. It sits on a 2" thick rubber pad. This is used to protect the lower roof any damage.

Work went steady for a couple of hours. Richard had to go to Home Depot to pick up some metal plates to help support the tower from the inside of the building. Once the tower was erected the antenna elements were adjusted for an offset pattern that gives us 9db gain at 180 degrees. We aimed this directional gain at downtown Phoenix. The other side of the antenna has unity gain. Once this was done we turned the repeater on and observed 4.5 watts out and SWR of 1:1. The heliax is about 40' of Andrew LDF-50. We also are using a PolyPhaser IS-B50 for protection against lightning strikes.

The crew from Western Wireless Works included Richard Haskey, KG7BT, owner and operator, Ron Fames, Tower technician, and William Griffin, Tower technician. Thanks to them for a job well done. Thanks to Tom Watts, NY7S. Also a special thanks to David Cain, AC7CS for the many hours he spent gathering information regarding the helipad at Del Webb Hospital which was submitted to the F.A.A. for approval. Also some of same information was submitted to Maricopa county. Thanks, Dave, your expertise and efforts are much appreciated by me and I'm sure the rest of the members of WVARC.

(Please view the website for photo's!)

73 de Tim, KF7XY

## Handi Ham Radio Camps!

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Courage Center manages the Handi Ham organization located in Minnesota. Handi Ham is for anyone, from disabled teenagers to mature adults. It provides a way for persons with any disability to acquire a Technician Ham license and advance to a Extra Ham license!!

To encourage and assist there is a Handi Ham Radio Camp held in Malibu California at the Joan Meyer Crippled Children camp site. Scotty and I attended the Handi Ham Radio Camp held in Malibu this last February 24th we were there until Sunday March 4th. Scotty and I are volunteers for the Handi Ham Radio Camp, we teach JAWS (Job Access With Speech) a computer screen reader used by the Blind to work and do Ham radio activities like Packet, plus much more. JAWS provides a link to the world through the computer.

In our classes there are all sorts of disabilities: ambulatory, blind, etc. No matter the disability or severity all are welcome. The camp has Doctor Dave, a Ham and two nurses to take care of any needs of the disabled soon-to-be-Hams. There were classes for New Technicians, General and Extra applicants. The VE's from Los Angeles volunteer to come to the camp to give the license test on Saturday, then congratulations all around for a great job well done!!

Scotty and I also attended the second Handi Ham Radio Camp at Lake St. George located about 10 miles from Bemidji Minnesota. This camp is held in August. The camp is a beautiful wooded area about 100 acres in size. Class size is about 30 in Malibu and 40 in Lake St. George. Both camps are managed by staff members and volunteers, the food is good the company is super and if the applicant does not pass their test, there is always next camp.

If you are a care giver to a disabled person with a interest in Ham Radio you can feel comfortable in encouraging them to attend a Handi Ham Radio Camp for a week of learning, good company and a chance for you to have a one week vacation from your duties: a Win-Win opportunity!!! If you would like to visit either Handi Ham or Courage Center web site to see all about the different activities and resources that Courage Center and Handi Ham offer please visit: [www.handiham.org](http://www.handiham.org) [www.courage.org](http://www.courage.org)

In fact, there is a link on the West Valley web site to the Handi Ham web site, couldn't be easier!

Both Handi Ham and Courage Center are non-profit organizations and as such are always looking for contributions, so take a look at their web sites!

Scotty and I will be attending the Minnesota camp in August to once again to teach our favorite screen reader JAWS! Russ Iverson KJ7KN is a member of Handi Ham and so when you hear either of us on the radio and might have question please feel free to ask!!

73's Lee AB7HW and Scotty the Wonder Guide Dog!

[Ab7hw@dancris.com](mailto:Ab7hw@dancris.com)

Or under our other name:

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<http://www.handiham.org>

Or our mirror site, <http://www.mtn.org/handiham>.