



WEST VALLEY AMATEUR RADIO CLUB, INC.

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

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VOL XXIV, NO 7

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 PO BOX or call Ed. Ray Sumner 972-8733.

AUG, SEPT PROGRAMS: UHF ANTENNA, RFI-TVI

West Valley ARC meets the 1st MONDAY of every month at St Clement Social Hall, 15800 Del Webb Blvd, Sun City. Doors open 6:30pm; meeting starts at 7:15. On AUGUST 4, Paul Playford W8AEF will demonstrate how to construct a 70cm antenna using simple material. On SEPTEMBER 1st, Ed Sutton, Channel 5's Director of Engineering, is scheduled to talk about RFI/TVI. A brief business meeting will precede each program. Come early; get to know your colleagues over a cup of coffee.

The October meeting will be about the Handi-Ham program and related subjects. Russ Iverson KJ7KN has attended Handi-Ham camps at Malibu Beach and Minnesota and will answer our questions after the videos are shown.

The July program on SAFETY & GROUNDING, presented by Jennifer Martin of SRP Community Services Dept, was interesting and informative. Ms Martin's topic stressed safety, but she distributed a 15 page treatise on RF grounding along with other brochures of interest.

At the meeting, the \$25 HRO Gift Certificate door prize was won by Harvey Tetmeyer K5LJM. Smaller prizes were won by Dan Pierson W6NTX, Bob Gary KC7ARG, Stan Swartz K7PLO.

AT THE JULY MEETING, GARY CAPEK K8BN ASKED US TO SUPPORT AMENDMENT 2308A by attending the Maricopa County Planning and Zoning meeting on AUGUST 7 at 205 W Jefferson St at 9am. We are also asked to write to Greg Loper AICP, Senior Planner, 301 W Jefferson St - Room 300, Phoenix AZ 85003, expressing our support for SECTION 2308-A, FCC LICENSED AMATEUR RADIO ANTENNAS AND ANTENNA SUPPORT STRUCTURES. More details on p.3.

CLUB CALENDAR

JULY 25-7 HAMFEST, FT TUTHILL
 AUG 2 LICENSE EXAMS, DeVRY, 8am
 4 WVARC MEETING, ST CLEMENT
 5 MARICOPA COUNTY P&Z MEETING
 9 BREAKFAST, TIVOLI Gdns, 8am
 SEPT 1 WVARC MEETING. ST CLEMENT
 6 LICENSE EXAMS, DeVRY, 8am
 13 BREAKFAST, TIVOLI Gdns, 8am

MON, FRI VACATION NET 10am, 14.240
 WEDNESDAYS 2m NET, 6:45pm, 147.30 MHz
 THURSDAYS LUNCH, DESERT PALMS, 10:30
 DAILY CALL-IN NET, 9am, 147.30 MHz

CLUB OFFICERS

PRES	GEORGE WATLING	N7JSA	933-0854
VPRES	TIM HAYES	KF7XY	878-1728
SEC	DON KOROUS	K9EJC	815-8067
TREAS	ERNIE BREWER	N7EBN	848-1875

DIRECTORS:	DOC GREENE	AB7BD	937-6292
	RICH PIGGOTT	WB2LKU	546-4300
	RICH HAWORTH	W7MDQ	933-2191
	SHIRLEY BARR	KB4HSP	582-8208
PAST PRES	RALPH BARR	WODNO	582-8208

Club web page, tnx Chuck Hilliker W7KIV
<http://www.starlink.com/~chuckh>
Editor's e-mail: rwsunner@aztec.asu.edu

Membership in the West Valley Amateur Radio Club is open to everyone with an interest in Amateur Radio. Dues are \$10 per yr, payable January; \$5 after July 1st. Includes all family hams at same mailing address. Please give your SUMMER ADDRESS to the editor (including 9-digit zip if known). Bulk mail is not forwarded. HAVE A FINE SUMMER!!

Please welcome these new members:

Sharon Cain WB8YAC, Nashville, MI
 Tom Cain KB8ZL, Nashville, MI
 David Helmke KC7WGH, Glendale, AZ
 Bob Hubbs W6BXI, Sun City West, AZ
 Bud Reed W5DBZ, Glendale, AZ

CLUB NOTES

West Valley hams have a new site for the 2nd SATURDAY of the month breakfast: Tivoli Gardens, 14635 Del Webb Blvd, in Sun City LaRonde Center (east side of Del Webb Blvd). Time: 8am. About 25 people enjoyed our first get-together at the new location. Our previous spot, Brantley's, has been closed since a fire damaged the kitchen several weeks ago.

Our weekly THURSDAY luncheon spot has changed management and name. It is now known as Desert Palms Restaurant, with a new menu (reasonably priced). Join us between 10:30 and 11. It is located on Bell Rd in Surprise, one blk west of El Mirage Rd. Spouses welcome at our breakfasts and lunches, and there is no age restriction. We had 4-month old Robert McAndrew as guest at a recent lunch.

Our Annual Ladies Night Banquet will again be held at the Sun City Country Club where we enjoyed the last affair. Please get your reservations and checks in early (see enclosure). This is our opportunity to thank our spouses for their forbearance with our hobby.

Remember the VACATION NET on 14.240 MHz every MONDAY and FRIDAY at around 10am AZ time. Chuck W7YU reports that a number of hams have checked in from summer locations despite poor band conditions. The Net will run until mid-October.

Chuck Hilliker W7KIV reports that our club web page has been entirely redesigned to run seamlessly and load MUCH faster than before. The page has received compliments via e-mail from around the world -- Germany, Australia, Brazil, Japan, to name a few.

A NO-CODE TECHNICIAN CLASS will start on FRIDAY OCTOBER 3 in Sun City and run eight or nine FRIDAYS from 7 to 9pm, if there is enough interest [call Merle Bodine KC7OGU (546-1737) or Ray Sumner NW7R (972-8733) to register. Call Ray if interested in an upgrade class.]

A TIP OF THE HAT TO.....

JAMIE JOHNSON KC7MQY recently graduated from Deer Valley High School in a ceremony held at the Sun Dome in SCW. Jamie graduated 3rd out of 629 students. On her resume she is proud to say she is a licensed amateur radio operator along with all of her scholastic achievements and honors. She will be attending ASU in the fall, majoring in engineering. Proud Papa: Jeff KJ7LO.

BILL KOSANOVICH WA8KFC, new mayor of Youngtown AZ. Bill served on the town council in earlier years and his civic concern has brought him back into the political arena. We admire his spirit and courage. Bill is a former president of the West Valley ARC.

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LICENSE EXAMS AUG 2, SEPT 6 AT DeVRY

Amateur Radio license exams are held at DeVry Institute, 2149 W Dunlap Ave, on the FIRST SATURDAY of each month except holiday weekends. Register between 8 and 10am; no tests to start after 10. Bring photo ID and original and copy of appropriate license or CSCE. A single charge of \$6.25 is made for all tests taken once; there is no charge for Element 1A or 2. An additional \$6.25 is charged for each retest. Retests are allowed if you miss by one or two questions.

The June 7 session hosted 41 candidates who took a total of 70 tests. Some 20 candidates qualified for NO-CODE TECH, along with 4 TECH-PLUS, 1 GENERAL, 2 ADVANCED and 1 EXTRA. Some candidates earned partial credit toward a new license or upgrade. Six candidates (out of 9) passed a code test. Starting July 1 there is a new question pool for ELEMENTS 2 and 3A. Candidates should be sure they have the new license manuals.

Volunteer Examiners participating 6/7:

Rich Piggott WB2LKU	Liaison/Session Mgr
Ed Beyer WU7A	Eva Karnatz KC7RY
Merle Bodine KC7OGU	Robert Knight N7LPD
Joe Brian KK7DT	Douglas Mason KG7OB
Marc Cuizon WH6CJD	Shelly Newman AB7LQ
John DiSalvo NX2I	Yoshi Sano K7YS
Jack Dow KE7ZQ	Ray Sumner NW7R
Jeff Johnson KJ7LO	Glenn Wade N7JWF
Bob Johnson KE7LZ	Charles Wallace W1OSV
Dwight Yard KB7KON	

All Element 1A, 2, 3A exams for Novice, Technician, Tech Plus licenses can be administered by General, Advanced Class licensees. The licensees can learn and sharpen their examiner skills by working alongside experienced VEs at monthly sessions. Call Rich WB2LKU 546-4300 to learn how to become an accredited VE.

License exams will be held at the Fort Tuthill Hamfest on SATURDAY JULY 26th, 8:30 to 10:30am. Walk-ins only. Call (602) 440-2039 for info.

Superstition ARC tests are held on the 3rd MONDAY of each month at 6pm at City of Mesa Utilities Office, 7115 E Adobe in Mesa. Walk-ins welcome. Call Denise AB7KG 898-4066.

Arizona Amateur Radio Club will resume testing on 4th SATURDAY at 7pm starting SEPTEMBER 27th at Red Cross, 6135 N Blk Canyon Hwy; George KQ7C 274-6212.

SILENT KEY

We are saddened to announce the death of JOHN WICKE KB7VCK of Phoenix. In addition to membership in WVARC and Tbird ARC, John served at the Science Center W7ASC station. We offer our condolences to wife Mary Lou and family.

CO DX de FRANK SMITH AHOW/OH2LVG

With the summertime schedule of Short Skip, much DX information has been piling up, not the least of which are recently announced DXpeditions.

The Dateline DX Association is staging a large DXpedition to the North Cook Islands ZK1, to take place in September. This is the same group who activated Wake Island a few years ago. Another big one will be Layang-Layang Island, better known to DXers as the Spratleys 9MO, scheduled for 14-18 August. This trip is reported to include Phoenix's own Dr Vince Thompson K5VT.

Midway-Kure Foundation has announced a DXpedition to Kure Island KH7K, to take place in September. This was the offspring of last year's Midway operation and will be an all-band, all-mode operation to include a multi-national team of operators TBA later. The group will also be supporting and possibly participating in an operation from Laos XW in November. More on these in the next issue.

Look out for the Marshall Islands V7 which will be activated 6-14 August as part of the 50th anniversary of the JARL Kyoto Club.

And from Africa look for Mats SM7PKK who is in Uganda as 5X1Z, Piero IK2BHX who is operating from Zaire as 9Q5HX and Jean Pierre F5TRD who is operating from Chad TT. Closer to home are Guadeloupe FG by Alain F2HE, St Pierre & Miquelon FP by Ken AA3GM, Grenada J3 by GOTYX and US Virgin Islands KP2 by N200 and crew.

There's some Nordic DX out there as well, including Jan Mayen JX and Svalbard JW by Unni LA6RHA and the Faeroes OY by DL1MGB. Look also for various Market Reef OJO and Ahvenanmaa (Aland) OHO DXpedition by the Finns.

Keep your late night yagis pointed out to the Pacific. Almost every night it seems as if there's all kinds of great DX coming from that area especially on 20m.

As an occasional reminder to the newer DXer, remember the three cardinal rules of working DXpeditions; listen, listen, listen. The other rule is a legal one: use your full callsign at all times; never use partial calls or "last two" in pileups in spite of the bad habits many have picked up on so-called "DX" nets and elsewhere. I will be glad to share with anyone a letter I have from the FCC that addresses this very point. Kudos to the ARA's swap net for sticking to this rule.

In the meantime, best 73, Good Luck, GD DX and CU in the pileups.

Excerpts from PROPOSED MARICOPA COUNTY AMATEUR RADIO ANTENNA AND SUPPORT STRUCTURE ORDINANCE

New Section 2308-A. FCC Licensed Amateur Radio Antennas and Antenna Support Structures

[Section 2308A Definitions. This section defines Amateur Radio Antennas, Radio Stations, Support Structures and Antenna Height. (Antenna height shall mean the overall vertical length of the antenna support structure above grade, including any and all antennas attached to it.)]

Section 2308-A Height limitations. 1) Support structures may have maximum height as shown: Rural (All), 199 ft; R1-6 thru -10, 100 ft; R1-18 thru -35, 125 ft. (No antenna support structure may exceed the FCC limit of 199 ft.)

2) Zones R2 thru R5 are limited to 1 antenna support structure. R2 thru R5, 100 ft.

Section 2308-A Restrictions. 1) A valid Amateur Radio License issued by FCC shall be presented with any permit application for an antenna support structure. 2) Antenna Support Structures shall be located to the rear of the rear line of the main building on the same lot in areas R-2 thru R5, and R1-6 thru R1-35.

In Rural Zoning Districts, Antenna Support Structures may not be erected in the front setback area. No antenna may protrude in any manner upon the adjoining property, and no antenna may protrude upon the public way. Set-backs are measured to the base of the antenna support structure from true lot lines.

3) An antenna support structure shall be located not less than one-half the antenna support structure height from any habitable structure on an adjoining lot. 4) Guy wires may be installed within one ft of the side or rear property lines and within one ft of any easement. 5) All antenna support structures shall be grounded in accordance with the manufacturers recommendations, and shall consist of a minimum of one 8 ft long by 5/8 inch diameter ground rod connected to a minimum of 10 GA copper wire attached to the antenna support structure.

SECTION 2038-A EXEMPTIONS. 1) Antenna support structures and antennas weighing less than 200 pounds, having heights of less than 40 feet, and having a value of less than \$500 are not regulated; however, they are not to be erected in the front setback area in any zoning district. 2) Any deviations from this section shall require a special use permit. 3) Nothing in this section shall preclude multiple antenna support structures on lots sufficient to accommodate same.

PUBLIC SERVICE/EMERGENCY ACTIVITY

Bill Johnson W9WFV, member of ARES and an Emergency Coordinator with the club, reports that he attended a meeting of Sun City West Presidents Foundation on Civil Defense planning. He gave a slide presentation explaining how the club provides radio communications between personnel in organizations and the public involved in special events such as parades, Senior Olympics contests, city sponsored athletic events, hospital evacuation emergency drills, Palo Verde emergency systems tests and during emergencies where threat to life or property is involved, such as hurricanes, earthquakes, hospital telephone outages or power outages.

He said that the club has 137 members in SCW with equipment capable of communicating in voice or digital modes using commercial or battery power, when on foot, in vehicles or at other locations. He also mentioned the 2m repeater atop the Del Webb Hospital, capable of handling telephone calls by ham operators.

The group included representatives of District 3 Sheriff Substation, American Red Cross, SCW Posse, PORA, SCW Rec Centers, Del Webb PR and condo association. A second meeting is planned to discuss and determine a location for a HQ which would be furnished with emergency power generators and a kitchen.

VANITY GATE 3 TO OPEN AUGUST 6

[Information from ARRL Letter 7-3-97]

The FCC will open filing Gate 3 of the Vanity CallSign Program on Aug 6, 1997. Advanced Class hams may apply for a call sign appropriate to their license class on or after that date using either a paper FCC Form 610V or electronically via the FCC's Web site at

<http://www.fcc.gov/wtb/amradsrv.html>

and pay the current \$30 fee. [Your editor has a few FCC Forms 610V.]

Effective September 15 the application fee will jump to \$50 a year. The FCC expects the remaining gates to open before the fee increase.

COURAGE HANDI-HAM ACTIVITY DAY CELEBRATES 30 YR

Russ Iverson KJ7KN, club Handi-Ham rep, advises that on Aug 30 Handi-Ham Courage Center will be on the air with ACTIVIDAY from 1200Z to 2400Z, celebrating 30 years. Contesters receive 5 pts for working HQ station WOZSW and/or camp station WOEQO, 2 pts for contact with a Handi-ham, 1 pt for contact with non-member. Bands: 10-80 meters (no WARC 79 bands). Sr Alverna WA0SGJ, recently retired from the Courage Handi-ham System after 16 years and still recovering from a serious auto mishap, will help man HQ station.

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FOR SALE

NEW CUSHCRAFT 2m ARX-2 assembled, with instructions, must pick up (Youngtown); \$10.

Al W8PAL 814-6387, wkday AMs.

HEATHKIT SB-200 LINEAR AMP; \$300, obo.

Bert W2GOB 584-6260

GAP CHALLENGER DX-VII ANTENNA, covering 2,6,10, 12,15,20,40 and 80m; \$150.

Baldwin WOJD 214-0074

WILSON TT45 TOWER w/tiltbase; \$400

HY-GAIN TH-3 TRIBAND BEAM, 3-el; \$125

HY-GAIN ROTATOR & 50' coax; \$100

KNWD XCVR TR530S, VFO, SPKR; \$450.

HEATHKIT LIN AMP 220, good shape; \$450.

BIRD WATTMETER Mod 43; \$200.

HALLICRAFT HA-1 ELECTRONIC KEYS; \$25

KNWD SM220 STATION MON. PAN adptr; \$250

2m BASE XCVR TR-7730, 12v PS, Mag mount

1/4 wave antenna; \$350.

KNWD TS-830S XCVR, MC50 mic, man; \$500

KNWD TS-820S, man; \$300.

TEXTRONIC 545A OSCILLOSCOPE; \$150.

OSCILLOGRAPH CART; \$25.

B&W 1 KW LOW-PASS FILTER; \$10.

HY-GAIN CDR-3-A1 ROTATOR, cable; \$50.

GONSET GSB100 XCVR w/man; \$100.

NATIONAL NCL-2000 LIN AMP; \$500.

VARIAC, Gen Radio, 120V, 10a; \$15.

VARIAC, Gen Radio, 120V, 5a; \$25.

BOONTON GRID DIP MTR, mint condx; \$100

SORENSEN HI-VOLT PWR SUP, 600v; \$75.

HEATHKIT 1 kw ANTENNA; \$10.

SHURE MIKE handheld mod 109; \$10.

100' SILVER SHIELD RG-9B/U COAX; \$25.

(Estate N7BN) Chuck W7YU 977-7427

HENRY CLASSIC 2K LIN AMP (mint condx), w/new 3-500Z tubes, floor model.

Frank AHOW 876-2718

KNWD TS-850 w/AT and 500 Hz CW filter, matching spkrs, MC-60 mic; \$1200.

COLLINS LIN AMP 30-L1, new Svetlana tubes; \$700

MFJ 407C KEYS (new); \$60.

DAIWA 2m AMP, 2W in, 35W out; \$85.

KNWD TR-2500 2m HT, desk chgr; \$100.

Larry KJ7QP 933-8452

VOLUNTEER PROTECTION ACT OF 1997

Ham radio volunteers stand to benefit from "The Volunteer Protection Act of 1997", signed into law June 18 by President Clinton. The measure aims to provide Federal protection from frivolous, arbitrary or capricious lawsuits filed against individuals affiliated with non-profit organizations and government entities and acting in their volunteer capacities. This would include members of the Amateur Auxiliary and volunteer examiners as well as other volunteers