



SHORT SKIP

SHORT SKIP is published monthly (every 2 months in summer) by WVARC. Deadline for items is 2 weeks before meeting. Mail to Club PO Box or call Editor Ray Sumner NW7R (972-8733).

AUGUST WVARC PROGRAM: HAL BEEBE W9RY on RTTY

Former pilot Hal Beebe W9RY of Scottsdale will be the program speaker on **MONDAY AUG 3**, when members meet at St Clement Social Hall, 15800 Del Webb Blvd, Sun City. Hal is one of a handful of hams throughout the US who have over 300 DXCC countries confirmed on RTTY. His talk, which has been well received in other amateur radio clubs, explains the fundamentals of RTTY and includes a video presentation on this increasingly popular HF mode.

The meeting starts at 7:15 PM with a short business meeting. Members are reminded that the club meets the **FIRST MONDAY** of **EVERY** month throughout the year, although this newsletter is issued only every other month (June-July & Aug-Sept) in the summer.

Those who failed to mark their calendars last month missed an excellent presentation by Mike Fulcher KC7V, who took us on a DXpedition to Ulan Bator through the magic of slides. It is probably the only way you would want to visit Mongolia. **BIG THANKS** to Lee Finkel KY7M of 7-Mike Hamstuff for his generous donation of the July door prizes -- a QSL filing system and his famous "Contester's Excuse" T-shirt, both won by Bert W2GOB, who promises to model the shirt at our next general meeting.

The September program has not been selected at press time. The October session will be on EME/Satellite communications and November will cover Ham Radio in Public Service. December will feature the family Holiday get-together (no formal program).

LADIES NIGHT BARBEQUE SET FOR OCTOBER 2nd

Interest in the club's formal Ladies Night Banquet has diminished in recent years. This year the Board has scheduled a Barbeque at \$10 per person, to be held at Stardust-and-Beardsley Park in Sun City West, catered by Cowboy Campfires. A musical trio will serenade us but there will be no formal speaker. Presentation of the club's Ham-of-the-Year award will be made. Please mail your checks to our Treasurer Shirley Barr, 3301 W Wescott Dr, Phoenix AZ 85027 soon, so that the committee can reserve an appropriate number of ramadas.

CLUB HAM-OF-THE-YEAR NOMINATIONS SOUGHT

At the Ladies Night event each year, the club acknowledges the contributions that some member has made to the service of the club with a Ham-of-the-Year award. Members are asked to submit their nominations to Committee Chairman Ralph Barr W0DNO, 3301 W Wescott Dr, Phoenix, AZ 85027 by August 15th.

BREAKFAST, LUNCHEON MEETINGS WELL ATTENDED

Members meet for breakfast at 8 AM on the **SECOND SATURDAY** of each month and for lunch at 11:15 AM **EVERY THURSDAY** at Denny's Restaurant, on Bell Road one block west of El Mirage Road in Surprise. Spouses are welcome at both of these popular events. All hams are invited.

FCC PROPOSES RELAXING "NO BUSINESS" RULE

The Commission has released the text of its Notice of Proposed Rule Making that would modify Section 97.113 of Rules and Regulations to allow hams to increase their public service activities in support of parades, races and other public gatherings. (At present we must confine ourselves to matters of public safety at these events.) Amateur stations would also be allowed to transmit messages relating to amateur radio club business activities.

The proposed rules would allow compensation to control operators who use their station as a part of classroom instruction at an educational institution, or who transmit code practice and information bulletins for at least forty hours a week on at least six bands.

Most of the original restrictions remain in place; eg, NO music; codes that obscure meanings; messages that facilitate criminal acts; obscene, indecent or profane language or false messages or IDs.

Space shuttle communications on government frequencies may be rebroadcast with prior approval of NASA. Retransmission of weather information from NOAA may be conducted occasionally, but not on a regular basis.

Comments should be filed before Oct 1 and reply comments by Dec 1, so these changes will not take place before next year.

[Information from W5YI Report 7/15/92]

ARRL NATIONAL CONVENTION in LA on AUG 20-23

The ARRL 1992 National Convention will be held at Los Angeles Airport Marriott Hotel on August 20-23. ARRL members have received the Hamcon '92 flyer from SW Director Fried Heyn WA6WZO. Pre-register before Aug 1 and save \$3.

QOWA NAT'L CONVENTION in SCOTTSDALE OCT 9-11
at Safari Resort Hotel. For information contact Gerald Higgins W9INP, (602) 488-2650.

HAM RADIO HAS SOME NEW KIDS ON THE BLOCK

...the "KENWOOD KIDS" of Mrs Barbara Shassetz' class at Desert Horizon School: Jenny Cozza, Amity France, Tisha Luchow, Crystal Tucker, Tim Ball, Mike Branham, Nathan Hansberry, Mike Clawson, Mike Dellinger and D J Smith.

They (and their teacher) passed their Novice written and code (!) tests and have received their licenses. Next step: TECHNICIAN PLUS. (Kenwood supplied the "Now You're Talking" license manuals and teaching guide.)

Bert Davidson W2GOB spent many Monday AM's helping these bright students (age 10 to 12) achieve their goal. Pete Pedersen W7KTK substituted for Bert when he was away. Ron Smith KF7JF helped with the code training. Dave Pollack KF7WW and our late silent key Sam Lewbel W7JHQ helped solder the code practice oscillators the students had assembled.

Club members have provided the class with ham gear for a school station. Ray Van Skiver W7LQM has given a Hallicrafter transceiver and power supply, a Kenwood MC-50 mike and Meissner transmatch. Paul Kummel N7MYS gave a GAP multiband vertical antenna. Additional cable and connectors were given by Leo Staley NS9Y. Russ Whempner K6CLK donated a Heathkit VTVM. Bert contributed a dummy load, volt-ohmmeter, and audio oscillator. A set of Heathkit books and training kits were given by the widow of Holman Lenhart N7EEA. We understand that the equipment is for the school's use as long as there is a group of students involved in amateur radio at the school.

In addition to this group, the club may also sponsor a high school ham class in the fall.

WANTED

KENWOOD TM-731 Mobile dual-bander 2m/70cm.
Computer set-up for RTTY/AMTOR/Packet (HF).
Mike KB9RJ 486-0967

OLD KEYS, BUGS (McElroy, Vibroplex, Speed-X, Go-Devil, etc). Anyone have an AEA CK-1 keyer for sale? Frank AA7FM 938-8000 (H), 876-2718.

CONTROL BOX for HAM-IV or HAM-CM rotator.
Bob WE7T 972-7749

COMMODORE 1702 MONITOR.
George AA7LA 977-9855

ARRL ROCKY MOUNTAIN DIV CONVENTION AUG 14-16

OLYMPIA HOTEL AND CONVENTION CENTER
PARK CITY, UTAH

[This item for Wally AE7Y and other hams up thataway.]

FOR SALE

INTERNATIONAL REPLY COUPONS (IRC's); \$0.50/ea.
Ed N7EB 972-2646

SATELLITE STATION, YAESU 736R with 2m, 70cm, & 1.2 GHz. AZ-EL Rotator with control & cables. 2m M-SQUARE 12-element Antenna. 70cm J-BEAM 88-element Antenna. Antenna cables. INSTA-TRACK Software for IBM or clone. Good as new. Price: \$2500. Rudy WA9RKI 972-0923

STEP ATTENUATOR, B&W 377-1, 1-61 dB, 50 ohm, with manual; \$20. OSCILLOSCOPE CALIBRATOR, HEATH 1G4505, with manual; \$20. WIRELESS MIC (REALISTIC), with receiver; \$30. HEATH CANTENNA; \$7.50. Stan K8RAL 584-4287

CUSHCRAFT AOP - OSCAR PAK 2m/70cm, perfect for working satellites (never used); \$125 OBO. Mobile whip for 220 MHz band; \$10. Frank AA7FM 876-2718

Various ANTIQUE RADIOS for sale: Hallicrafter Skybuddy, Crosley regenerative rcvr Type V, Tuska Type 224 rcvr, Grebe CR-5 rcvr, Zenith SW rcvr push button model No. 7S629, Crosley Pup, Splitdorf XTAL, Nat'l Audio rcvr, 2-tube C D Tiska rcvr, etc. In addition: Swan TR-3 SSB xcvr and ICOM O2AT 2m HT, Astatic mic (metal base, silver bullet michead). Contact Frank Smith for details: 876-2718.

VACATION NET

Remember the West Valley Vacation Net on 14.240 MHz (give or take) at 10:15 AM on Mondays and Fridays. Net Control Chuck Bailey W7YU reports that the net will be on until mid-October, when most of the snowbirds have returned.

AMATEUR TELEVISION

The ranks of the club's TV group are increasing as more hams get involved in this interesting part of amateur radio. The group meets every THIRD TUESDAY of the month at 7 PM on 434 MHz to transmit video to the West Valley. For more details call Tom Watts NY7S (972-6589).

DIGITAL MODE CLASSES WILL RESUME IN THE FALL

Classes on Packet Radio and other digital modes, held at 10 AM the FOURTH SATURDAY of each month at Bank of America in LaRonde Center, Sun City, have been postponed until October, when most of the class will be back in the Valley. Text for the Packet class is "Your Gateway to Packet Radio" by Stan Horzempa.

DX de FRANK AA7FM/OH2LVG

The bands have been off and on like a switch but when they're alive, they're DX-rich with big rewards for the patient.

Among the recent and ongoing samplings are Lebanon OD5/SP1MHV, ZA/KC6KOU (Petri, OH2BH's young son), J28FO from Djibouti, 9M8FC from Eastern Malaysia, Burkina Faso XT2BW and ZD8LII from Ascension Island (be careful with that last one; once he works you he'll never forget your name. Work him a year from now and you'll believe this!)

Upcoming DXpeditions include Jim Niger's return to Ascension Island as ZD8Z, Tanzania 5H0ROA, Angola (D2) by DK7PE, Jersey (GJ) by ON5FP, Galapagos (HD8) by HP1XPN, Sardinia (IM0) by various operators from Sardinia, Guantanamo Bay by Doug KG4DD, Midway Island by Ted NH6YK, Faroe Islands (OY) by F6AMI and FD1NZO, Snake Island (4K5ZI) in the Black Sea (no DXCC status as of yet), Pitcairn Island by VR6BX and Penguin Island (North COOK) by Warwick ZK1WL. Also watch for a couple of nice ones from your 75 degree heading: Somalia T53UN and Cameroon TJ3BG.

The ITU has assigned the former prefix of San Marino, 9AA-9AZ, to Croatia and already several stations have been active with their new prefix. DX rumors have it that there will be a new prefix, S5 for Slovenia, but this has not been confirmed.

Your DX correspondent will be attending the 20th National Convention of the Mexican Amateur Radio League (ARARM) in mid-July, held in San Luis Potosi, along with four other Arizona hams. Club member Jack Reed WA7LWV will share the honors in showing the Mexican ham audience (700 plus families) the RadioTeam Finland's film, "The Spirit of Victory", which was seen last fall by the WVARC.

73 es GD DX to all!

A TIP OF THE HAT TO....

Our TREASURER, SHIRLEY BARR KB4HSP, who recently upgraded to GENERAL CLASS. On hearing the good news, she asked "When does the ADVANCED Radio Class start?" [The answer: mid-October.] Go for it, Shirley!

WVARC SWAPMEET IN SUN CITY, SUNDAY NOVEMBER 1

A Swapmeet will be held in the MERRILL LYNCH parking lot, 98th Ave and Bell Road from 7 AM to NOON on Sunday November 1st. There are 40 spaces for tailgaters; call Bob Gormley WAlMHZ (843-2193) to reserve your spot. Buyers may park in the bank lot or PO across the street or at Campana Square nearby.

SILENT KEY

EDSON BECKER WB1DAP, in SUN CITY, May 20. An active member of the club since 1980, Ed had been less involved in recent years, but he will be missed. Our sympathy is extended to his wife Frances and family.

ARCA HAMFEST AT FT TUTHILL JULY 24-26

FREE ADMISSION to Arizona's major event of the year, at County Fairgrounds, Exit 337 on I-17, 3 miles south of I-40 interchange.

Tail-gaters \$10/space. Campers \$5/night.

VEC EXAMS Saturday. (Code: 20 wpm 9am; 13, 10am; 5, 11am. Repeat 1-3pm.) THE HELP OF ANY ARRL-ACCREDITED VES WILL BE APPRECIATED. (Bring your ARRL VE badge.)

Talk-in: 147.08 (+), 442.125 (+).

1st Prize: Kenwood TM-741A VHF/UHF Tribander.

EMERGENCY AND PUBLIC SERVICE REPORT

On June 18 a number of hams from the club's Public Service team held a simulated emergency drill at Boswell Hospital in Sun City at 5 AM! The exercise had hardly been evaluated when a real emergency occurred on June 26th. Construction workers had severed the phone lines to the outside world at around 7 AM.

Soon after Joe Nowakowski W7FPG was called, captains were phoning their teams. Within a half hour hams were covering the critical stations at the hospital. Soon, 19 volunteers had formed a net at the Boswell campus and at home to handle outgoing messages. In time, US West was able to supply cellular phones to the hospital. Normal service was resumed by 11:30 AM when repair of the break was completed.

The emergency reinforced the findings of the earlier exercise. 70 cm HT's were more effective than 2 meter gear. Ham stations at Surgery and Emergency were ineffective. Staff at these locations needed to talk directly to doctors away from the hospital and ham gear could not reach the Del Webb repeater from these sites. Fortunately, a car phone was available just outside the Emergency entrance. (A ham mobile rig could probably have worked from the same spot.)

Participating in the event were

Tom Watts NY7S	Joe Nowakowski W7FPG
Art Simek WA0RFJ	George Watling N7JSA
Hal Knipe KF7JO	Jason Eberhart KD7KY
Don Fenton W7JH	Bert Davidson W2GOB
John Evans W6NLE	Stan Edgerton K8RAL
Fred Swain N6LWX	Sam Macdonald N7MUV
Ray Sumner NW7R	Bernie Bailey N7BIE
Eva Karnatz KC7RY	Floyd Emanuel K7BN
Zeb Zebolsky KM7L	Mit Thompson K9CCX
Rudy Strothmann WA9RKI	

Public Service Coordinator Bill Johnson W9WV was on vacation during the drill and the emergency event, and some team captains were not available. If you can serve as a co-captain in your area, Bill will appreciate hearing from you (584-2107). At this moment Phoenix has no captain, since Olive Grieve W7WGW is in Cottonwood. Other areas where co-captains are needed include Eastern part of SC West, Central and South Sun City, and Peoria.

WVARC OFFICERS - 1992

Pres	Frank Smith	AA7FM	Gld	876-2718
V Pres	Ralph Barr	W0DNO	Phx	582-8208
Sec	Ray Van Skiver	W7LQM	SC	974-1322
Treas	Shirley Barr	KB4HSP	Phx	582-8208
Directors:	Don Burk	KE0EU	SC	972-4607
	Bob Gormley	WALMHZ	Gld	843-2193
	Bert Davidson	W2GOB	SCW	584-6260
	Jerry Haigwood	KY4Z	Peo	486-2756
P Pres	Bill Kosanovich	W8KFC	Ygtn	972-7741

Do you need a manual on an old Collins rig? Or Drake, Gelson, Hallicrafter, Johnson, Knight, Morrow, National, etc? Write Hi Manuals, PO Box 802, Council Bluffs, IA 51502 for their catalogue of hundreds of manual copies of old rigs and other radio equipment.

FOR SALE from Estate of Holman Lenhart N7EEA

The following Heath or Heathkit items:

Phone patch HD-19; \$15. Noise bridge 1422A; \$15.
BT-1 Battery Tester; \$2.50. VTVM IM-21; \$10.
VTVM IM-13; \$15. Electronic Switch ID-22; \$15.
Signal tracer IT-12; \$25. LabScope IO-12; \$35.
Wattmtr HM 2140 Dual dis pep 0-200, 0-2000w; \$50.
Digital Multimeter IM 2202 with probes; \$50.
Solid state VOM IM-20 bench unit; \$37.50.
FET transistor tester IT-121; \$30.
Sine wave SQ generator IG-82 lv pp; \$50.
Harmonic Distortion meter HD-1; \$20.
Mobile Field Strength meter; \$2.
100 kHz xtal calibrator HD-20; \$7.
Capacitor Checker CT-1; \$5.
Post marker sweep generator IG-57A; \$40.
Station console SB-630; \$7.50.
Pwr Sup IT-20 0-50V 50ma-1.5a, V,a adjust; \$35.

Following sold as package for \$175: Vector Scope, Model IO I01; Audio Generator IG 72, 0-1 MHz; FM Stereo generator IO-112; Audio Analyzer IM-22; Power Supply PS-4, 0-400v dc 100 ma.

Other brands:

Hygain Explorer 14 tribander w/40m ext; \$275.
Kenwood TR-3500 HT 70cm, w/leather case; \$160.
Excellerator Plus drive (C-64), w/pwr sup; \$60
B-K 2005 Precis Sig Gen 100 kHz-150 MHz; \$95.
SuperGraphic Gold Prntr Interf, Ser to par; \$35.
Gen'l Radio Variac W5MTBA 5a, 2m, 0-150V; \$35.
Triplett Mod 310W clampon ametr, lthr cs; \$75.
Triplett 63NA Precis Mirascale Mltmtr, " ; \$48.
Monarch Precis VOM Mt 300 30000 oms per V; \$35.
ICOM SM-10 Compression type mike; \$60.
440 MHz J antenna; \$15.
Radio Shack Battery tester; \$5.
Archer Nicad battery charger; \$7.50.
Sierra wattmeter w/2 slugs, nice case; \$125.
Simpson Mod 390 volt/amp/wattmtr ac/dc; \$35.
H.P. wide range oscillator, 5 Hz-600,000 cps, #200cd; \$50.
Several nice oak desks purchased from Walsh Bro.
Contact Jerry Overeynder W6IWR 584-5716

ARRL MARKS 30 YEARS OF AFFILIATION WITH WVARC

The American Radio Relay League has presented the West Valley Amateur Radio Club with an attractive Certificate recognizing its affiliation with the club dating back to May 10, 1962, a year after the club was organized as the Sun City Amateur Radio Club. The Certificate will be framed and displayed at the club meetings.

NEW VEC FOR EXAMS HELD AT DeVRY on FIRST SAT.

When the DeVry Amateur Radio Club in Chicago abruptly dropped out of the Volunteer Examiner Coordinator program recently, local Volunteer Examiners kept their scheduled testing date by shifting to ARRL VEC sponsorship without missing a beat. Most of the Examiners were already ARRL-accredited, and the others were soon accepted.

Next test session at DeVry Institute, 2149 W Dunlap Ave, is AUGUST 1st. Sign-ins at 8:30 AM and testing beginning at 9. No testing to begin after 11 AM. **THERE WILL BE NO EXAMS IN SEPTEMBER (LABOR DAY WEEK-END).**

Hams who are unable to pass 13 or 20 wpm to upgrade because of a severe disability are now required to have their physician sign their FCC 610 form to waive these tests. Ed Blaszczyk N7EB has a limited number of these new forms. Other recent forms designed for 3 VE signatures are still Ok to use for other purposes.

ACCESSING WVARC AUTOPATCHES

KE7DH Repeater (145.29 MHz, -): ID and announce intent to use autopatch. With PTT depressed, dial *83 and the 7-digit phone number in sequence without pause. Release PTT and listen. Repeater will say "Autopatch"; then repeater will read back dialed number. If you don't want the number repeated, hit and release the PTT IMMEDIATELY after "Autopatch", otherwise do it IMMEDIATELY after last digit is read back. Dialing will proceed. Wait for ring and answer. After 2.5 minutes repeater will say "30 seconds left." Dial # to terminate call. Repeater will say "Call completed." Give ID.

K7NHR Repeater (147.30 MHz, +): ID and announce intent to use autopatch. Dial *83 and release PTT. At the dial tone, dial number and release PTT. Wait for ring and answer. Dial # to terminate call. Give ID (callsign). A reasonably strong signal will override any intermod on this frequency.

NY7S Repeater (449.8 MHz, -): Not in place.

WVARC DUES ARE \$5 FOR JULY THROUGH DECEMBER

Membership in the West Valley Amateur Radio Club is open to anyone with an interest in Amateur Radio. Most of our members live in the northwest quadrant between I-10 and I-17, with a significant number beyond those borders.

To join, send \$5 to WVARC at PO Box 1573, Sun City, AZ 853572, or come to a meeting.

THE WEST VALLEY AMATEUR RADIO CLUB
cordially invites you and yours to a
LADIES NIGHT OUT UNDER THE STARS

featuring

"Cowboy Campfires Western Style Cookin'"

6:00 pm, Friday evening, October 2, 1992

Sun City Recreation Center*

-
- *full chuckwagon BBQ feast includes two BBQ meat dishes, salads, cowboy rolls, dessert, beverages*
 - *live entertainment by serenading **Mexican mariachis***
 - *"Ham of the Year 1992" presentation*

Reservations at \$10 per person (\$20 per couple) now payable to "WVARC" to:

Mrs. Shirley Barr
3301 West Westcott Drive
Phoenix, Arizona 85027 - 4893

For additional information please contact:

Bert Davidson - W2GOB at 584-6260

or

Frank Smith - AA7FM at 876-2718

**From West Bell Road drive north onto El Mirage Road, turn left onto Beardsley Road, after approx. 1/2 mile turn west (left) into the Stardust and Beardsley parking lot. Look for Ramadas 1, 2 and 3.*