



# SHORT SKIP

SHORT SKIP is published monthly (every 2 months in summer) by WVARC. Deadline for items is 15 days before meeting. Mail to club PO Box. Dues are \$10/yr, payable January; \$5, June - December.

## WVARC OFFICERS -- 1995

PRES	GEORGE WATLING	N7JSA	933-0854
V-PRES	CHUCK HILLIKER	W7KIV	584-0918
SEC	MERRILL BUTTERMAN	KF8DZ	930-5534
TREASURER	ERNIE BREWER	N7EBN	848-1875
DIRECTORS:	AL LAMB	KE7WT	876-8518
	JOHN KORNEBECK	WA9HBT	566-2018
	JACK NORMAN	KA3VIY	546-9551
	BRUCE STUART	KB7ZFF	412-0694
PastPRES	RALPH BARR	WODNO	582-8208

## OCT PROGRAM: INFORMATION SUPERHIGHWAY

West Valley ARC will meet MONDAY, OCT 2 at St Clement Social Hall, 15800 Del Webb Blvd, Sun City. Meeting starts at 7:15pm. Come early, have a cup of coffee and visit with your colleagues. A US West representative will tell us about the Information Superhighway. Get aboard. WELCOME BACK, ALL VACATIONERS.

## NO-CODE TECH CLASS FRIDAY, OCT 13th

Beginners Class (NO-CODE TECHNICIAN) will start on FRIDAY, OCTOBER 13th. Sessions run from 7 to 9 PM every FRIDAY for 8 weeks, at Sun City Posse HQ, 10861 Sunland Dr. THERE IS NO CHARGE! Lessons, covering Elements 2 & 3A, are from license manual Now You're Talking, available from Radio Shacks or Ham Radio Outlet (17th Ave & Camelback Rd). Read first 3 chapters for first assignment. DECEMBER 1 is test night when written and Morse Code exams will also be given for all classes of license (Novice through Extra Class).

Register by calling Instructor George Thompson AA7LA (977-9855) or Ray NW7R (972-8733). Also, call Ray if you are interested in upgrading to ADVANCED CLASS. We need 8 to start.

## WESTFEST IN GLENDALE ON JANUARY 13

Mark January 13, 1996 on your calendar. According to Ralph Barr WODNO, the ThunderBird ARC will host a hamfest at Glendale Community College on that date (sponsored by ARCA). Let's help them make it a success. More details later.

## LADIES NIGHT BANQUET FRIDAY OCT 27

The WVARC Annual LADIES NIGHT BANQUET will be held at CRESTVIEW RESTAURANT in Sun City West on FRIDAY, OCTOBER 27th. Special cash mini bar set-up for Happy Hour at 6; dinner at 7. Choice of BAKED HAM/PINEAPPLE SAUCE or STUFFED CHICKEN BREAST with Salad, Baked Potato, Vegetable, Rolls, Beverage, Dessert.

Price: \$13 per person.

Send check (payable WVARC) with choices indicated, to Chuck Hilliker, 21647 N 131st Way, Sun City West, AZ 85375. All reservations must be paid and confirmed by Tuesday Oct 24. Color coded tickets denoting choice will be issued at door.

## SCIENCE CENTER HAM STATION QRT SEPT 4th

Station KC7LUL, the Amateur Radio Station at the Arizona Science Center, has closed down after a successful 3 months of operation. The Center for Amateur Radio Learning (CARL) group in charge of the station will continue to plan for a state-of-the-art multi-mode installation at the new Science Center scheduled to open in 1997. KC7LUL introduced ham radio to a large number of children and adult visitors to the center this summer. WVARC participants:

Paul Ashby	KB7YTF	Dave Pollack	KF7WW
Chuck Bailey	W7YU	Clarence Reid	K0BHJ
Ralph Barr	K0DNO	Tony Rogozinski	N7BG
Shirley Barr	KB4HSP	Kerry Sano	KB7SJM
John DiSalvo	NX2I	Yoshi Sano	KE7NC
Archie Hayes	KC7ADY	Ray Sumner	NW7R
Eva Karnatz	KC7RY	Larry Teel	KJ7QP
Don Korous	K9EJC	George Watling	N7JSA
Al Lee	W6KQI	Merrill Butterman	KF8DZ
Russ Iverson	KJ7KN	Hal Zabel	N7KXZ

CARL needs additional members from the ham radio community to assure its success. To join one of its clusters (Management, Technical, Communications or Finance) call Al Lee, 933-1942. The CARL Net meets Tues 7:30 PM on 145.35.

INTERNET to PACKET RADIO COMMUNICATION  
de Rich Piggott WB2LKU

Exchanging email messages with others who have an Internet email address is both useful and fun. Did you know, however, that you can exchange messages between the Internet and amateur packet radio? This exchange traffic is sent thru a packet network internet gateway.

A gateway has two recognizable addresses: one for packet radio, the other for email. Gateways (or gates) are set up and operated by an individual system operator (SYSOP) who holds an Amateur Radio license. To send a message to a packeteer friend, send your message by Internet email to the gateway. If it is accepted, it will be sent out on the vhf/uhf amateur radio bands to your friend's home packet BBS. Your friend can send a message to the gate's packet address and the SYSOP will forward the message to your Internet provider. I will show how to write mail for transfer through a gateway after some remarks about Stat Gateway Service WB7TPY.

Scottsdale ham Dr David Dodell WB7TPY operates one of the oldest, most reliable and rapid service gates in North America. He welcomes everyone to use this dependable gateway as much as one wants to. Rules are: message length less than 5 kilobytes; no binary or encoded files; third party messages only to countries with a third party agreement with the US. Language must be polite; message may not be commercial or for business. These are the usual customs and rules in the packet radio game.

Here's how to send a message from the Internet to me at my packet address. Send message to: gate@stat.com (This is the gate's Internet email address). Type in a subject. The first line of the message text must consist of the word "Packet:" followed by the entire packet address; for example,  
Packet: wb2lku@n7mrp.az.usa.noam  
The line must be left justified.

On the packet side, packeteers should send a message to my Internet address this way. Send the message as PERSONAL, never as a bulletin; send it to  
gate@wb7tpy.az.usa.noam  
(the gate's packet address). Type in a subject. The first line of message text must consist of the word "Internet:" followed by the entire Internet address; for example,  
Internet: noble@aztec.asu.edu  
The line must be left justified.

To send a message to others, substitute their email or packet address for mine. If you'd like to have a copy of Dodell's instructions, send me a message; I'll send you a copy.

CQ DX de FRANK SMITH AH0W/OH2LVG

For all you hear about how bad the bands are, this has been a great year for DX. In just the past few months, DXers were treated to a real banquet, including such rarities as BV9P Pratus, T2 Tuvalu, 3V Tunisia, 5A Libya, ZK3 Tokelau, CY9 St Paul, TI9 Cocos Island, S0 West'n Sahara, VK9C Cocos Keeling, VK9X Christmas Island, TT8 Chad, ZL8 Kermadec, and more recently XROY Easter Island, CE0Z Juan Fernandez, 9N1SXW Nepal and many more.

In the next few weeks look for major operation from Malyj Vysotskij/Ravansaari Island as R1MVI and OH2BU/MVI. The team will have a telephone link and a web site (<http://www.spt.fi/~ohlkag>) during the trip to use for last minute information, skeds, etc. Concentration will be RTTY and WARC. QSLs via OH2BU.

Wayne VE1CBK from Halifax will be going back to much-needed Sable Island CY0 with a team of 4 operators. Going to this "Graveyard of the Atlantic" this time of year can be risky, but the group will try to work out the low bands.

Although there is much uncertainty as to the dates, the DXpedition of the Year, if it goes, will undoubtedly be North Korea P5. This is tentatively set for the last week of September and will run for about one week. The team of 4 Finnish operators headed by Martti Laine OH2BH includes OH0XX, OH1NYP and OH1EB.

And, not to be totally outdone, K0IR is advancing plans to activate Heard Island VK0 this fall with a large group of operators, mostly Americans. Look also for a big operation to take place from Wake Island KH9. It is also anticipated that a group of ZLs will stage a major operation from Kermadec ZL8, possibly to include one of the CQWW contests.

Other DX to look for include the Alands Islands as OH0W, Azerbaijan 4J0FR, Benin TY by Phoenix DXer Mike KC7V, Cameroon TJJJB, Chagos VQ9SS, Eastern Kiribati T32BI, Galapagos HC8A, Guinea 3X9HCW, Kenya 5B4BZ, Lesotho 7P8SR, Madagascar 5R8EU, Lord Howe VK9LZ, Sao Tome S92VG, Seychelles S79NEO, Sri Lanka 4S7RPG, Tromelin FR5HG/T and Uganda 5X1MW.

Recent studies suggest that the sunspot cycle has bottomed out and propagation will improve dramatically in the next few years, peaking in 1999. The rising curve is much steeper than the descending curve in these 11 year cycles.

It's time now to get your station in order for the fall contest season, which starts with the Scandinavian Activities Contests, CQWW/RTTY, CQWW/SSB and CQ and many more.....73, GL, GD DX and see you in the Pile ups!

LICENSE EXAMS AT DeVRY, SATURDAY OCTOBER 7th

Tests for all classes of Amateur Radio Licenses will be held at DeVry Institute, 2149 W Dunlap Ave, on SATURDAY, OCTOBER 7. Walk-in registration from 8 to 10 AM; no tests will begin after 10. No charge for NOVICE exams (elements 1A and 2); a single \$5.90 charge for all other tests taken once. If you repeat a test, a second fee will be charged. Please bring original and copy of license and/or CSCE.

Hams waiting for a NEW license may call one of the following sources:

ARRL New Ham Hotline - 800-326-3942  
FCC - 800-322-1117  
ARRL VEC - 203-666-1541

Ed Blaszczyk N7EB reports that 58 candidates were tested at the August 5 session. The following volunteer examiners participated.

Merrill Butterman KF8DZ	Ed Beyer WU7A
Ballard Bullion AB7HH	Willie Berry KB7STF
Elliott Klein KJ7KH	John DiSalvo NX2I
Jeff Johnson KJ7LO	Bob Johnson KE7LZ
Mark Cuizon WH6CJD	Jack DeWitt AB7AX
Craig Ickes AB7KV	Russ White AB7JX
Bob Menefee AA7QJ	Glenn Wade N7JWF
Dwight Yard KB7KON	John Allen W7YR

FALLFEST, OCT 7, at BULLHEAD CITY CofC, Hwy 95  
Free Admission. Tailgaters \$5 (Inside, \$15).  
Free RV pk'g near CofC from 6pm Fri; no hookup.

OLD PUEBLO (TUCSON) RC HAMFEST, SUNDAY, OCT 15,  
DeAnza Drive-In (1401 S Alvernon Way). Adm. \$1,  
Sellers \$5. Talk-in 147.08.

COCHISE ARA HAMFEST, OCT 21, SIERRA VISTA.  
(from Sierra Vista, East on Hwy 90 to Moson Rd,  
then South 2 miles.) Talk-in 146.76-, 146.52s.

RON REYNOLDS N7WTF NAMED EMERGENCY COORDINATOR

Cliff Hauser KD6XH, Arizona Section Manager for ARRL SW Division, has named Ronald Reynolds N7WTF as District Emergency Coordinator (DEC) for Maricopa County. Ron will contact Emergency Coordinators of each club in the event of area-wide emergencies. Ron is also the state Club Coordinator, maintaining the list of Arizona clubs, their meeting dates and personnel points of contact. There are some 56 known amateur radio clubs in the state. [Your editor has the list, if anyone is interested.] Ron is a member of the Scottsdale ARC.

ARCA Note: John Lanza KC7IM is new Chairman, Chris and Mark Kesauer N7PVL/N7KKQ are Vice Chair and Treasurer, Dave Reynolds KE7QF is Sec. They will serve until '96 Ft Tuthill Hamfest. [George Hands KE7DH is WVARC ARCA delegate.]

FOR SALE

OUTDOOR ANTENNA, 10-40 MHz (must remove); \$75.  
TWO SMALL ANTENNAS; Make offer.  
ANTENNA SWITCH (5-pos), 1 KW; \$15.  
HEATHKIT DUMMY LOAD CANTENNA w/oil, 1 KW; \$10.  
VIBROPLEX STYLE BUG; \$10. TRIMM EARPHONES; \$10.  
DESK MIC, JOHNSON (SURE); \$5. HAND KEY; \$5.  
PHONE PATCH, JOHNSON MOD 250-45, no manual; \$8.  
HI-PASS TV FILTER (twin lead); \$2. CO-AX; \$4.  
KNWD LOW-PASS FILTER 1 KW, UHF fittings; \$10.  
HEATHKIT SWR/POWER METER, Mod 102; \$10.  
RADIO SHACK MULTIMETER, 20kohm/volt; \$1.  
Estate of Jim Capek. Rose 974-9025, or  
call Chuck W7YU 977-7427.

ESTATE OF STAN BLACK KF7BT: HOUSE designed for ham operator, w/ 80' Tower, antennas, satellite dish, etc. 5214 W Parkview Ln (Glendale)  
Richard Brunk 933-7748.

BUTTERNUT HF6V ANTENNA 10-80m; \$110.  
KNWD MC-60A deluxe desk mike, manual; \$65.  
Warren KF7NV 974-2351

KNWD TS-930 w/built in ant tuner, power supply, external speaker w/audio filters; \$900.  
Zeb KM7L 972-8253

FREEBIES: QST MAGAZINES 1988-94.  
Dick W9LOC 584-4628

HEAVY HEAVY DUTY LOW VOLT TRANSFORMER. Pri 120V  
sec 1 18-0-18 @ 30 amp min, sec 2 8V @ 15 amp  
(tapped), sec 3 124-40-0-40-124 with 35 amp  
bridge rect; \$20.  
MAGNETIC "EMERGENCY COMMUNICATIONS" signs; 3 ea  
at \$4 per sign. (Club sells these at \$7 ea.)  
Stan K8RAL 584-4287

KENWOOD TS-830S; \$400. MC-50 DESK MIC; \$50.  
MONITOR SM-220; \$150. SPEAKER SP-230; \$35.  
HAM IV ROTATOR, CONTROL BOX, CABLE; \$100.  
ANTENNA MAST (Break-over).  
Cranstoune KA7TYF 974-1918

KS PRESELECTOR 8-30 MHz 120v; \$25. MFJ KEY; \$8.  
YAESU HEADSET; \$10. HEATH CODE PRAC. OSC.; \$10.  
REALISTIC CB XCVR TRC 40 CHANNEL; \$75.  
(Estate of Jack KB7VCJ), Chuck W7YU 977-7427

WANTED

100 Ft 9913 Coax Cable; Yagi or J-Beam for ATV;  
ATV Transmitter.  
Bill AA7RM 932-1315

Club Notes: RFI Committee Chairman Ken Wakershauser N7OWP will be unavailable until November 1st. If you need help with interference problems, contact Leo Fournier W6JWZ 584-6018....  
On 147.30 MHz: Listen to ham radio news, Wed at 6:45 PM; check into daily Call-in Net at 9 AM; brush up on your CW, TUES 6 PM, 35 to 3 wpm, WED 7:30 PM, 10 to 5 wpm.

## CLUB NOTES

WVARC meets **FIRST MONDAY** of each month at St Clement Social Hall, 15800 Del Webb Blvd, Sun City; time, 7:15 PM. Membership is open to anyone with an interest in Amateur Radio. Dues are \$10/year, payable by Jan meeting; \$5 after July 1. All family hams at same mailing address are included as members in the one fee.

The Club maintains a 2m Repeater (KC7KLC) atop Del Webb Hospital in Sun City West on 147.30+ MHz. Autopatch is accessed by dialing \*83 and the desired phone number, then releasing PTT switch. Repeater will say "Autopatch". If you PTT and release at this time, call will go through. If you wait, repeater will read number dialed; then you must push-to-talk and release IMMEDIATELY after the last digit is read. Use # sign to disconnect. Please identify with your call sign before accessing the autopatch and after using it.

The Club maintains a 70cm Repeater (KC7KLA) on Boswell Hospital in Sun City on 449.80- MHz. An autopatch should be available in the near future.

WVARC is an ARRL Special Service club. You are encouraged to support the League. The club gets a \$5 contribution from ARRL for each new League member and \$2 for each renewal thru club ARRL rep Jack Dow KE7ZQ, 18810 W Zinnia Ct, Sun City West 85375. Send Jack your ARRL application or renewal form with check (payable ARRL) for \$5 (or \$2) less than required amount and check (payable WVARC) for \$5 (or \$2). The club appreciates your support in keeping our dues low.

The Club sponsors classes twice a year for new hams and occasional upgrade classes when enough interest is shown. The club also sponsors exams at DeVry Institute the **FIRST SATURDAY** of each month (except March and holiday weekends). Candidates who are physically challenged may call our Handi-Hams liaison Russ Iverson KJ7KN at 979-7032 for advice.

Help is also available from our RFI COMMITTEE, when you can't resolve interference problems. ARRL members may have their QSL cards validated for Worked-All-States and VUCC awards by our **AWARDS MANAGER** Ray Van Skiver W7LQM 974-1322. Our **SILENT KEY** Committee will help dispose of radio equipment of deceased members; we need more volunteers for this committee. **PUBLIC SERVICE/EMERGENCY** Chairman John Kornbeck WA9HBT needs more Team Captains; call him at 566-2018.

Attend our **CLUB LUNCHEONS** every **THURSDAY** at 11 AM and **BREAKFASTS** the **SECOND SATURDAY** at 8 AM, Denny's Restaurant on Bell Rd, 1 block west of El Mirage Rd in Surprise.

## WVARC TO HELP SUN CITY CELEBRATE 35TH BIRTHDAY

Sun City will be 35 years old this October and will note the event with a parade down Del Webb Blvd. The club's Public Service team will help monitor the marchers. The parade will start near our meeting place at St Clement's and proceed to the Lakeview Rec Center. Team captains will contact club members who have 2m capabilities.

The club performed a similar function at the Peoria Fiesta Days 5k races on September 16. Short Skip will acknowledge the participants in the next issue.

### ADDITIONS TO WVARC ROSTER

BOB ARMSTRONG K8NSR CLINTON TWP MI  
JERRY BASSO W9JIF OSHKOSH WI  
GLEN CLYATT KB6JJU SUN CITY WEST 214-0479  
JOHN DiSALVO NX2I SUN CITY 876-9591  
GORDON ERICKSEN WB4ADM SCW 584-1113  
KIRK FORSYTHE KI7RS PHOENIX 942-6642  
RICH HAWORTH W7MDQ SUN CITY 933-2191  
BOB HUNT SUN CITY WEST 546-8037  
HERB ICKES KE6KYX SCW 584-8216  
JOHN JAMIESON WB6KJC SCW 546-9570  
DON KAVANAGH W4DYN SUN CITY WEST 546-2223  
RAY LUTZ GLENDALE 934-2933  
BILL ROBINSON KC7LRZ SUN CITY 933-9549  
BARNEY SIMONS WA7GNH SCW 214-9210  
BRUCE TENNANT KE6PZW LONG BEACH CA

### CHANGES

JIM BLEY KB7SJQ 10010 W TARRYTOWN AVE SC  
AL ELLIS W7RTA 10518 W CAMEO DR SC  
DON MUNDEN KA7AAD 10022 W PLEASANT VALLEY  
RD SUN CITY 85351  
FRED QUARLES AB5VE 9710 W GRANADA DR SC  
85373  
KEN WAKERSHAUSER N7OWP 10009 W SANDSTONE  
DR SUN CITY 85351

### ADD

ED DAVIS KC7CHI 4205 N 31st AVE PHX 85017  
242-5619 (dropped in error)

### LATE RENEWALS

HARRY FULLER KA7IRP 20807 N 143rd WAY SCW  
85375 584-7663  
CHAS. KLINGENSMITH WA8SCV 21615 N 148th DR  
SCW 85375 584-8609  
ORIE MORETTI W9LHW 10229 W DESERT HILLS DR  
SC 85351 972-6939  
STEVE PABIN N7ZZS 11431 N 56th AVE GLENDALE  
84304 486-1425

Notes: FCC has added 3 countries to Amateur Radio reciprocal operating agreement: Macedonia, Croatia, Bosnia-Herzegovina. They also added Republic of the Marshall Islands to list of countries with 3rd-party traffic agreements. (Info from ARRL Newsletter, 9/7/95)