



## 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 Summer NW7R (972-8733).

### OCTOBER MEETING: MOONBOUNCE AND SATELLITES

Ned Stearns AA7A will be feature speaker at the regular WVARC meeting MONDAY, OCTOBER 5th at St Clement Social Hall, 15800 Del Webb Blvd Sun City. Ned will tell us about EARTH-MOON-EARTH and SATELLITE COMMUNICATIONS. Meeting starts at 7:15 PM.

Meeting Hall Chairman Zeb Zebolsky KM7L (who is convalescing from two knee-replacement operations) reports that we will continue to meet at the St Clement Social Hall on the 1ST MONDAY of each month for another year. This excellent facility is able to accommodate our expanding membership very easily. Mark these meeting nights on your calendar and come out and discover what is going on in your Amateur Radio community. Everyone interested in ham radio is welcome to enjoy our interesting programs.

Last month's presentation on AMATEUR RADIO AND THE LAW by Stuart Greene WA2MOE evoked many favorable comments.

An earlier speaker, Al Gross W8PAL ("Father of the Walkie Talkie") will be a guest on the weekly radio show of Len Winkler KB7LPW. The program is scheduled for October 11 at noon on 1510 AM (KFNN). If you were at Al's presentation, you'll want to hear more about his successful litigation in 1955 against David Sarnoff -- a subject of special interest to radio history buffs.

Club President Frank Smith AA7FM will join top officers of other valley ham clubs on Len's show at noon on October 4 to talk about club activities.

### WVARC BREAKFAST AND LUNCHEON EVENTS

Attendance at the 2nd SATURDAY-OF-THE-MONTH breakfast and WEEKLY THURSDAY Luncheon is on the rise with the return of the vacationing members. The place is Denny's Restaurant in Surprise, Bell Rd (a block west of El Mirage Rd). Time: 8 AM and 11:15 AM respectively.

Club member Gordon Johnson N7TWK of Sun Lakes (Chandler) attended a recent luncheon with three of his ham neighbors. They were impressed with the club turnout and the area. If you'd like a tour of Sun Lakes, let Ray NW7R (972-8733) know. We're planning a return luncheon visit.

### LADIES NIGHT BARBEQUE OCTOBER 2nd

The WVARC Ladies Night BBQ on the FIRST FRIDAY in OCTOBER is fast approaching. Get your reservations in by Tuesday, September 29th. Price is \$20 per couple (\$10 per person) for a full chuckwagon feast including 2 BBQ meat dishes, salads, cowboy rolls, dessert and beverages. Mail check (payable to WVARC) to our treasurer

Shirley Barr  
3301 W Wescott Dr  
Phoenix AZ 85027

You may want to bring lawn chairs if you plan to wander away from the ramada tables and benches.

This event is half the cost of our previous Ladies Night Banquet. Let's make it a success. Starting time 6 PM.

From W Bell Rd go north on El Mirage Rd to Beardsley Rd, then left a few blocks to the Sun City West Beardsley Rec Center parking lot on your left.

For info: Bert Davidson W2GOB 584-6260  
Frank Smith AA7FM 876-2718

### WVARC SWAPMEET IN SUN CITY ON NOVEMBER 1st

The West Valley ARC is sponsoring a SWAP-MEET on NOV 1st in the Merrill Lynch parking lot on the northeast corner of Bell Rd and 98th Ave in Sun City. Time: 8 AM to noon.

There are only 40 spaces for vendors, so call Bob Gormley WA1MHZ at 843-2193 to reserve a spot. Lots of parking for buyers in nearby bank, mall and PO parking lots, because this is a Sunday event.

### TESTING RESUMES AT DeVRY ON SATURDAY OCTOBER 3

VEC test sessions will be held on the 1st SATURDAY of October, November, and December at DeVry Institute, 2149 W Dunlap Ave, from 8:30 AM to noon. (No tests to begin after 11 AM.) Bring original and copy of FCC license and/or CSCE where applicable, and check to ARRL/VEC for \$5.40 (unless you are taking just the Nov-ice test, for which there is no charge). Also have some photo ID (e.g., driver's license). FCC 610 Forms are available if you have none.

Any EXTRA or ADVANCED ham willing to be an ARRL Volunteer Examiner should call Ed N7EB (972-2646) to receive the League VE Manual.

### DX REPORT de FRANK AA7FM/OH2LVG

Heading the DX report this time is news that Ghana 9G, now #12 on the most wanted DXOC list, may be back on the air in 1993. There has been a long-term ban on amateur radio activities which is expected to be rescinded when Ghana reverts to a civilian government in January. Now it's everyone's guess who of the Top Gun DXers will beat the pack to reactivate Ghana.

Another major DX happening would be the activation of Chad (TT8) by WA4OBO scheduled for mid-October. My old "vacation" spot, Market Reef (OJO-) will once again be activated by the OH1AF club, also mid-October.

Lebanon, OD, continues to be active as OD5/SP1MHV, who by the way is very efficient at getting the QSL's out. The operators are UN affiliates.

JJ1ZNF has plans to activate Minami Torishima (JD1) until November. If you hear JD1/JD1BFI, however, this one is Ogasawara. They both share the same prefix.

Phoenix area hams have been getting easy Q's from C9RJJ on 40 meters CW (about 7005) from Mozambique, a nice one to have on 40 meters!

Watch for several special events stations commemorating Christopher Columbus, typically bearing the number 500 in their calls. Already announced are C6A500 from Bahama and VP500OC from Grand Turk Island.

OQWW phone contest is coming up October 24-26 (00:00 thru 00:00 UTC). This is a great event to chalk up a lot of new DXOC countries; in fact many dedicated to the contest will easily get their DXOC in this one weekend. Look for PJ9W (Curacao), HC8A (Galapagos), FW/G4DZC (Wallis Island), C6AFT (Bahamas), 4J1F- (MV Island), ZF/W8BLA (Cayman) and many more.

Another fun contest is the Scandinavian Activity Contest. By the time you read this the CW SAC will be history, but there will be time to get in there during the phone contest, scheduled for the weekend of September 26. If you talk to my friend Carl, who will be in the contest as OH0MXY from the Aland/Ahvenarmaa Islands, tell him hello. He has many friends in Phoenix! He was one of the "stars" of Radio-Team Finland's videotape that WVARC members viewed a year ago.

### WANTED

Owner of an Alinco DJ-580T or DJ-560T dual band HT who can advise a new Technician how to program and operate it. Tnx.

Connie N7WZA 977-0244 or 468-1882

### MALYJ VYSOTSKIJ ISLAND EXPEDITION

Frank Smith AA7FM/OH2LVG is heading up an international team of DXers to the rare DXOC island of Malyj Vysotskij ("MV Island") October 22-26, 1992. The operation has been in the planning stages for almost a year and involves one DXer from Mexico, several from Finland and Russia and two from the USA. Among the operators will be Romeo Stepanenko 3W3RR, who is well-known for activating the Spratleys, Myanmar (Burma), Afghanistan and recently Iran. Also onboard is Ed "the Red" Kritsky NT2X, former Soviet citizen now residing in Brooklyn who joined up with several Russian hams to provide radio support to Boris Yeltsin during last year's attempted coup and later wrote about the experience in QST Magazine.

MV Island, referred to a "Ravansaari" by the Finns, is part of the Karelian areas given to the USSR as war reparations following the Winter Wars, and is now leased by Finland from the Russians. It is located about 100 km north of St Petersburg in the Saimaa Canal, slightly southwest of the city of Vyborg.

This operation will use the callsign 4J1FM for CW and 4J1FW for SSB QSO's. The group will also participate in the OQWW SSB contest using a special unannounced call. This operation will be the last ever to use the prefix 4J1- because the prefix is expected to be allocated to Azerbaijan starting in Jan 1993.

Frank will hold up all pileups for a special session with WVARC members only on 22 October (23 October UTC) beginning at 9:00 PM (0400 UTC) on 14240 (+- QRM), SSB, for about one hour. Frank has asked Chuck Bailey W7YU to coordinate this WVARC/4J1FW hour via announcements on the 145.29 repeater.

QSL cards for the operation are via Frank's Finland call OH2LVG. However, WVARC hams are guaranteed personal and "local" attention from AA7FM.

### PACKET CLASSES ON HOLD

Dave Pollack KF7WW reports that most members of the Spring Packet Class appear to be operating successfully and that classes will not begin again until new candidates are enrolled and an instructor selected. If you are interested in a Packet Class, call Dave at 933-8771.

### QCWA NATIONAL CONVENTION

The Quarter Century Wireless Assn National Convention will be held at the Safari Resort Hotel in Scottsdale, October 9-11. For info contact Gerald Higgins W9INP (602) 488-2650 (Carefree, AZ).

### TUCSON HAMFEST, SUNDAY OCTOBER 18

DeANZA DRIVE-IN, 22nd ST & ALVERNON WAY  
TUCSON, ARIZONA

Radios, Antennas, Computers, Parts, Treasures

The September 13th meeting of the AZ AMATEURS ON TV was a huge success with over 30 men and women and seven new members signing up! A raffle of nicad battery packs and a 13 inch TV B&W receiver was held. Mit Thompson K9CCX won the TV and your reporter won a battery pack. Other WVARC members present were George Hands KE7DH, Bill Kosanovich WA8KFC, and Chuck Trudel K8JVB.

Of special interest, the next meeting on October 11th at Channel 25 TV station (KDM), 1 West Lone Cactus Dr and Deer Valley Rd, for a tour and visit of all the station's facilities, test equipment (which we can use in the future), production facilities, etc, hosted by Kenneth Casey N7RPN, the owner/operator and new member of the AZ Amateurs on TV Club!

Further details are available on the Wednesday night TV meetings on the air: Video and Audio Cable Channel 57 (421.25 MHz, with 2 meter talk-back on 147.28 MHz).

More information will be available soon. Join another fun group! Call Larry N7NOU, President of AZ Amateurs on TV, at 245-9680, after Wednesday ATV Net (approx. 8:45 PM). Better still, check into our TV Net -- voice only -- at 7:30 PM on 147.28 + .600.

RFI/TVI REPORT de BILL JOHNSON W9WV

Dan Ford WA2YNE, one of the club's Phoenix members on the RFI committee, resolved a telephone interference problem recently by demonstrating to the complainant the effectiveness of the telephone interference elimination filters which we make available to people at our club's cost (\$12.50/each). The complainant was happy to buy two filters and donated an additional \$15 as a gift to the club.

RFI complaints have decreased in recent months. Only one telephone complaint was investigated in the past 4 months.

In the period October 8, 1991 thru April 11, 1992, a total of 17 cases were reported:

Interference type	Number	Notes
Telephone only	8	
Telephone & other	2	1 refused entry.
TV and AM	1	
<b>NOT AMATEUR CAUSED</b>		
Telephone	2	.US West switch.
Television	1	TV set.
Television	1	TV ant. system.
Power interruption	1	Defective GFI.
Television	1	Disappeared, not identified.

The "Fiesta Days" Races were held on September 12 in downtown Peoria. Bikers, runners and walkers covered the 5K course. One contestant fell down, but said he was OK. After walking a short distance he collapsed again. Ham monitors should urge downed racers to wait to be checked out by proper authorities.

Hams on station at the event:

JERRY OVEREYNDER W6IWR	JACK DOW KE7ZQ
WALT SCHWIEBERT K7HGZ	ART SIMEK WA0RFJ
CHARLIE FRANKEL N7NSY	DON FENTON W1JH
CHUCK WALDRON K0VEB	FRED SWAIN N6LWX
BERNIE BAILEY N7BIE	PAUL KUMMEL N7MYS
BILL JOHNSON W9WV	NORM FULMER N7JQA
ALEX KUTCHIK W9VYG	RAY HENSLEY W7AFG
CHUCK TRUDEL K8JVB	FRANK GREEN W7MAJ
LARRY YOUNG W7DVC,	NET CONTROL

Next Event is the "Meet Me in St Louis" foot races, sponsored by St Louis the King Church in Glendale, featuring a one mile sprint, a 5K run and 5K walk. Hams who have signed up to monitor this event should check in by 6:50 AM on 147.57 MHz (Simplex); alternate frequency is the 145.29 repeater. Date: Sat, Sept 26.

The Palo Verde Siren Test will take place on October 7. Hams valleywide (mostly retirees) check the 39 sirens dispersed in a 10 mile radius around the nuclear generating plant in Wintersburg, 60 miles west of Phoenix. WVARC supplies about 30 hams for an event which many look forward to each year. APS provides a tasty box lunch. Call your team captain or Bill Johnson (584-2107) if you'd like to participate.

The Sun City West Race to Health 1992 on Saturday October 17 will require the manning of some 26 or more stations. Events start at 8 AM and should be over by 10:30. Call your team captain to volunteer.

We need additional co-captains for Western and Eastern SCW, Phase I SC/Youngtown and Phase II SC, another co-captain in Peoria, and two for Phoenix (Oliver Grieve W7WGW has moved to Cottonwood).

PUBLIC SERVICE CAPTAINS

1A) ART SIMEK WA7RFJ	584-3806	WEST SCW
2A) JACK DOW KE7ZQ	584-5284	CENT SCW
2B) ED BALAKER WK7L	584-1449	CENT SCW
3A) JOE NOWAKOWSKI W7FPG	584-6117	EAST SCW
4A) GEORGE WATLING N7JSA	933-0854	I SC/YNGTN
5A) FRED SWAIN N6LWX	977-6683	II SC
6A) WALT SCHWIEBERT K7HGZ	974-3387	III SC
6B) BERNIE BAILEY N7BIE	974-5988	III SC
7A)		PHX
8A) LARRY YOUNG W7DVC	561-0411	GLD
8B) MARTY SHAPIRO KA7GKN	979-7875	GLD
9A) JOHN KORNBECK WA9HBT	566-2018	PEO

FOR SALE

From Estate of Earl Baudendistle W7DMV:  
COMPUTER PACKAGE: COMMODORE 64 w/two power  
supplies, two 1541 disk drives, OKIDATA 120  
printer, unopened box 2500 sheets bond/per-  
forated computer paper, APPLE Model A2M2010  
Monitor (green phosphor), MANUALS, CABLES,  
large assortment of programs; \$255.00

KENWOOD TS-830S XCVR w/Manuals, box; \$600.  
" VFO-230 Remote VFO, Manuals/box; \$150.  
" SM220 MONITOR SCOPE, BP8 PAN ADPTR; \$325.  
HEATHKIT SB220 LINEAR AMPLIFIER; \$500.  
KENWOOD TS530s XCVR (w/1.8 kHz SSB filter),  
service manual, instruction book, shipping  
container; \$500.  
KNWD VFO-240 Remote VFO, manual, box; \$125.

ARCHER Deluxe headphones, 8 ohms, new; \$4.  
ELECTROVOICE ceramic mike Model 729; \$10.  
ASTATIC MODEL G dynamic mike with stand and  
PPT w/output plug to match KNWD xcvs; \$20.  
M C JONES MICROMATCH (measures RF Pwr, VSWR)  
.5 to 225MCS w/manual, chart; \$20.

CUSTOM BUILT (by N7EB) ELECTRONIC KEYS, w/  
self-completing characters, dot/dash memory,  
meter readout of speed and % of weighting,  
normal & iambic keying modes, automatic or  
manual spacing, tune/operate switch, built-in  
monitor w/adjustable gain control. FOR NEGA-  
TIVE KEYING ONLY. \$55.

VARIAC, mounted in black box with 2m, [a] 0 to  
150 VAC, [b] 0 to 15 AMPS AC; \$15.  
RF COAX SWITCH (GenCommCo) SP/DT with "N" type  
connectors, 115 VAC/60 coil; \$10.  
AC LINE FILTERS (Cornell-Dub.) 30a/250V; \$10.  
EIMAC XMITTING TUBE TYPE 8875 for Dentron 2500  
Linear Amp, brand new; \$250.  
Call Ed N7EB 972-2646.

AR22 Lt Wt Rotor & Control. Heath GDO HD-1250.  
Hustler 5-BTV Vert Ant. Palomar Noise Bridge.  
Heath RF OSC IG-5280. Swan LoPass Fltr LP3400.  
Heath VHF SWR Meter Hm-2102.  
Earl WA7USY 974-9972

LINEAR, Dentron GLA-1000B, 800W CW, 1200W PEP  
input, (15, 20, 40, 80m) w/spare tubes and  
manual; \$275..  
ASTRON 20A/12V Power Supply; \$50.  
COMMODORE 64 Computer; \$60.  
COMMODORE 1541 Disk Drive; \$50.  
HEATHKIT Tube Checker, Manual; \$25.  
Ed WK7L 584-1449

COMMODORE 128D COMPUTER w/built-in 1571 Drive  
plus separate 1571 Drive and 1526 Printer,  
Magnavox RGB Monitor, and software.  
HY-GAIN TELEX EXPLORER-14 BEAM with 40m add-on  
(covers 40, 20, 15, 10 m).  
Jerry W6IWR 584-5716

FOR SALE

FLAT, TINNED COPPER CABLE (7/8"), for ground-  
ing. ZENITH DUAL FLOPPY 100 COMPUTER, CPM  
system, with manuals and software.  
Lois KB7IFY 972-5967

VACATION NET TO QRT OCTOBER 16

Because most of the vacationing Valley hams  
will have returned by mid-October, the Vaca-  
tion Net will hold its last meeting on Friday,  
October 16. Area hams have kept in touch with  
their neighbors on 14.240 MHz on Mondays and  
Fridays at 10:15 AM local time. Chuck Bailey  
W7YU reports that a large number of hams have  
checked in throughout the summer. There are  
still a few weeks left to tune in on the fre-  
quency.

BOSWELL 2m REPEATER MAY CARRY CODE CLASS

Our Radio Classes have concentrated on pre-  
paring candidates for the written exams, since  
each student is at a different level in code  
reception. Nevertheless, many prospective hams  
and upgraders have asked about code classes.  
A committee is planning to conduct a code ses-  
sion on a regular schedule on the 147.30 MHz  
repeater. The procedure is still in the form-  
ative stages. Stay tuned.

CLUB REPEATERS

Hams monitoring the Sun City West 145.29 MHz  
repeater recently may have heard on several  
occasions the brrrrp of a series of packet  
clusters. Investigation by Tom Watts NY7S and  
Bert Davidson W2GOB indicated that the inter-  
ference originated with a Mesa ham attempting  
to communicate with the space shuttle on the  
uplink frequency 144.700, close to the re-  
peater input frequency. The transmissions  
were annoying but legal, and were only of  
short duration.

You are urged to check into, or at least  
monitor, our Wednesday night 2m net on the SCW  
repeater. Much news of interest to the ham  
community is relayed from Newsline, the W5YI  
Report, ARRL Newsletter and local sources.  
Time is 6:45 PM.

Also check into the daily 9 AM Call-In net  
on the same frequency (145.29 MHz). This net  
was originated to keep track of our shut-ins,  
and we'd like to hear from more of them, but  
it also serves to brighten all of our morn-  
ings. Join us.

MEMBERSHIP IN THE WVARC is open to anyone with  
an interest in Amateur Radio. Dues are \$10 a  
year and include all family hams at the same  
address. (We only send you one newsletter/mo.)  
Applicants joining now will be put on the  
rolls as of November 1, with membership paid  
through December 1993.

[The following article entitled "What's a Real Ham?" by Brad Williams N6CVF is from the September issue of Worldradio. It is a tribute to club member Betty Henning N7VFW. We thank Dottie Brown K7ESA and Bert Davidson W2GOB for calling it to the editor's attention.]

When no-code was proposed I was one of those quite opposed. Then when it passed, I accepted the fact that Amateur Radio was about to go to pot.

On Jan 19 at about 1300 MST all this changed. The tie-rod on my vehicle broke 14 miles out in the desert on a gravel road. My 2m could only hit one repeater some 70 miles away. About the time I was ready to hit the panic button, having received no response to my calls, I received a call from N7VFW, Betty Henning of Peoria, AZ.

Betty turned out to be a newly licensed no-code Tech who proceeded to call the auto club to which I belong. When it appeared that the central dispatch in Phoenix was not getting the job done, Betty called the towing service in Quartzite directly.

Betty stayed with the task of obtaining help. The auto club would only pay for service on state or county maintained roads, but we were on a BLM road. Another club, Good Samaritan, was contacted and help was obtained. At about 1900 we were "rescued" and Betty was with us via 2m the whole time. It should be noted that this YL had been licensed less than 40 days. She was a little nervous early on, but settled down like a pro.

I learned a lot about Betty during those six hours in the desert. This gal is no spring chicken. In fact, she's confined to a wheel chair but wants to take a whitewater rafting trip down the Feather River, and she's found an outfit that will take her.

In retrospect, how many of us would have undertaken to respond in such a situation during the first 40 days we were licensed? It would appear that no-code can, and does, produce licensees who are Amateur Radio operators in every sense of the word. Miss Betty Henning N7VFW is such a person. I have urged her to learn her code in order that we may keep in touch through HF. And I have ordered a subscription to Worldradio for her.

I feel that recognition of Betty's efforts may help other no-coders realize that they too can be true Amateur Radio operators by being of service to others.

#### SILENT KEY

ARLO ABBOTT KA7VAT passed away in Munds Park, AZ, this summer. A ham and club member for about 8 years, Arlo was especially active in the state weather net. Our condolences are extended to his family.

#### BOOK REVIEW de Al Lee W6KQI "DON WALLACE, W6AM, AMATEUR RADIO'S PIONEER"

At a recent TRW Swap Meet in Manhattan Beach, CA, I saw the book for sale about Don Wallace that is being advertised in many ham publications and decided to make the purchase. Without question, I enjoyed this book more than any book I've read on Amateur Radio.

The reasons! Well, I personally met Don on several occasions since we were both members of the Associated Radio Amateurs of Long Beach and had the pleasure of working W6AM locally and from various locations around the world. In fact, I was especially pleased to find an entire page showing the QSL certificate our club issued when I was the chief operator of GB5QM on board the Queen Mary in 1967. I also knew many of the hams mentioned in the book, but the real reason I recommend it to all of you is for the historical content. It truly covers the history of Amateur Radio as it describes all of Don's life.

The book comes generously supplied with photos of the earliest components and equipment up to the time of his death in 1985. The author, Jan Perkins N6AW, was very close to Don in his later years because Don was so generous in allowing Jan and other DX'ers to use his station for contests. Jan was also helpful in maintaining the station, especially the antennas and feedlines which consisted of 8 rhombics (giving him 16 directions), up to 45 miles of wire on up to 140 acres of land atop 1200 foot Palos Verdes next to LA harbor. The station ran a separate kilowatt final on each band and had an elaborate system of specially modified relays for selecting the various antennas while running maximum power.

His fight to achieve and maintain top position as the top DX'er in the world is legendary and well described.

Several pages of QSL cards in full color are included. Chances are that many of the calls will be familiar to you.

I'll be glad to loan my copy of the book to club members if you will contact me by telephone, on the club repeaters or at the club meetings.

#### RADIO CLASSES TO START IN OCTOBER

WVARC is sponsoring Novice and Technician Classes at Sun City Posse HQ on Sunland Drive, from 7 to 9 PM on Tuesdays (Novice) and Fridays (Tech), starting on OCTOBER 6th and running for about 8 weeks. There is no charge. To register:

NOVICE, George Hands KE7DH 974-3361  
TECH, George Thompson AA7LA 977-9855

For GENERAL and ADVANCED classes we need about 8 candidates each. Ray NW7R 972-8733.

For EXTRA class, Bob Koons WE7T 972-7749 is willing to start with 4 or 5.

SCHOOL HAM CLASSES NEED MORE VOLUNTEER HELP

Anyone willing to help with school Amateur Radio classes, please contact Bert W2GOB at 584-6260. The Desert Horizon School "Kenwood Kids" will be upgrading to Tech, and another group is expected to start Novice class at the same school. A class may also begin at Deer Valley High School.

On another note, high schoolers Neil and Deborah Hall are working on a Science Fair project involving galvanic effects on plant surfaces. The literature includes an instrument design with a galvanometer and other components. If you can advise them on assembly or use of the instrument call 242-8237. Their address: 3211 W Sells Dr, Phoenix.

NEW AND RENEWAL MEMBERS, MARCH 21 - SEPT 18

<u>CALL</u>	<u>NAME</u>	<u>FIRST</u>	<u>STREET</u>	<u>CITY</u>	<u>ST ZIP</u>	<u>PHONE</u>
W7NYS	ANDERSON	W JACK	1432 E MARYLAND AVE 4	PHOENIX	AZ 85014-1400	265-7573
N7YLK	BAKER	CHUCK	4702 W NORTHVIEW AVE	GLENDALE	AZ 85301-2130	931-8023
KB7INE	BICHLER III	ANTHONY	18369 N 88TH DR	PEORIA	AZ 85345-0836	974-0367
N7XRF	BULLION	BALLARD	6525 N 35TH DR	PHOENIX	AZ 85019-1301	223-2000
K17AH	CASPER	DAVID	5601 W MISSOURI AVE 149	GLENDALE	AZ 85301-6820	930-0356
	CUMMINGS	MIKE	10030 N 43RD AVE APT 3042	GLENDALE	AZ 85302-2750	934-0869
KB7JTR	GOFF	R DALE	14001 N 73RD AVE	PEORIA	AZ 85381-4739	878-9753
WB7E	HALL	CHARLES	3643 W BLUEFIELD AVE	GLENDALE	AZ 85308-2411	439-0646
KF7KY	HAYES	TIM	8621 W WETHERSFIELD RD	PEORIA	AZ 85381-5158	878-1728
N7YKT	HAYES	DIANA	8621 W WETHERSFIELD RD	PEORIA	AZ 85381-5158	878-1728
KG7BE	HUTCHINSON	DANIEL	6601 W MISSOURI AVE	GLENDALE	AZ 85301-5502	846-8116
N7TWK	JOHNSON	GORDON	26245 BRENTWOOD DR	SUN LAKES	AZ 85248-6702	895-6127
KB7MNC	KEEGAN	JOHN	14007 N 69TH DR	PEORIA	AZ 85345-4750	878-0579
KB7ORP	KESLER	DON	3829 W THUNDERBIRD RD	PHOENIX	AZ 85023-5440	938-5781
N7WSU	LONG	FRED	3620 W LAWRENCE RD	PHOENIX	AZ 85019-1126	841-8377
KA7SWS	LOUCKS	BENTON	5029 W SANDRA TER	GLENDALE	AZ 85306-2036	938-4637
WA7ORV	MATTHEWS	REG	8140 N 107TH AVE 144	PEORIA	AZ 85345-7575	974-3254
N7QYB	MC COY	LES	6740 W PARADISE LN	PEORIA	AZ 85382-3931	979-6109
N7SFD	MUNN	DANIEL	4126 W CIELO GRANDE	GLENDALE	AZ 85310-4091	780-2237
N7WRV	OSBURN	DAVID	12434 W LARIAT DR	SUN CITY WEST	AZ 85375-1923	
N7ZZ3	PABIN	STEVE	11431 N 56TH AVE	GLENDALE	AZ 85304-3301	486-1425
W7KTK	PEDERSEN	PETE	14235 N 49TH DR	GLENDALE	AZ 85306-4423	439-4521
	QUILL	JACK	10737 PINEAIRE DR	SUN CITY	AZ 85351-1007	974-4586
KA0DSR	REID	DETTA	10019 W CUMBERLAND DR	SUN CITY	AZ 85351-4555	876-8780
K0BHU	REID	CLARENCE	10019 W CUMBERLAND DR	SUN CITY	AZ 85351-4555	876-8780
W7LYS	RICHARDS	LEONARD	5801 N 64TH AVE	GLENDALE	AZ 85301-5614	931-8529
	RIGTRUP	JEAN	7621 N 33RD DR	PHOENIX	AZ 85051-7411	841-1203
N7TWB	ROGERS	BRUCE	4808 W DESERT HILLS DR	GLENDALE	AZ 85304-2933	561-3325
	ROSE	MARK	1033 W 16TH ST	TEMPE	AZ 85281-6411	
N7QZJ	ROSEN	GORDON	20402 W DENVER HILL DR	WITTMANN	AZ 85361-9803	
KF7JF	SMITH	RON	8736 W EARLL DR	PHOENIX	AZ 85037-2925	877-2382
N7TBZ	TANNEHILL	ERIC	5410 W DIANA AVE	GLENDALE	AZ 85302-4870	435-9584
N7OEH	TANNEHILL	PAULINE	5410 W DIANA AVE	GLENDALE	AZ 85302-4870	435-9584
W7RT	TANNEHILL	RICK	5410 W DIANA AVE	GLENDALE	AZ 85302-4870	435-9584
W7OQB	TINSTMAN	SHIRLEY	6225 W BERRIDGE LN	GLENDALE	AZ 85301-5003	939-6477
K6OZ	TROTTER	GEORGE	18018 N 132ND AVE	SUN CITY WEST	AZ 85375-4916	584-2102
WB6PFR	VINTER	BILL	PO BOX 456	GLENDALE	AZ 85311-0456	934-4298
N7VEB	WEBRE	LEN	1010 E WAHALLA LN	PHOENIX	AZ 85024-1152	582-4787
KA7LUX	WHITMOYER	RUSS	8817 W CHARLESTON AVE	PEORIA	AZ 85382-3098	972-8831
KC6YLN	WILLIAMS	CORINNE	4201 W UNION HILLS 1108	GLENDALE	AZ 85308-1742	938-4451
KC6UCT	WILLIAMS	CHUCK	4201 W UNION HILLS 1108	GLENDALE	AZ 85308-1742	938-4451
N6CYH	WILLIAMS	MARIE	17806 N 130TH AVE	SUN CITY WEST	AZ 85375-9219	584-5953
KB7LPW	WINKLER	LEN	PO BOX 9219	PHOENIX	AZ 85068-9219	861-0303
N7QVU	WYATT	JERRY	4312 W SANDRA CIR	GLENDALE	AZ 85308-3506	843-6813
N7UMD	WYATT	MICHELLE	4312 W SANDRA CIR	GLENDALE	AZ 85308-3506	843-6813