



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).

WVARC MEETING, MONDAY JUNE 6TH

AMATEUR PACKET (POSITIONING) RADIO SERVICE is the topic for the JUNE 6th Meeting. This involves the tracking of a ground radio station via satellite. George Poland W8FWF will explain the mechanism involved and the equipment needed. If time permits, we will also be given instructions (via video) on connector soldering, a practice that many of us find challenging. Our meetings are held at 7:15 PM on the FIRST MONDAY of each month at the St Clement Social Hall, 15800 Del Webb Blvd, Sun City. A brief business meeting will precede the program.

LIGHTNING AND GROUNDING will be the subject of our meeting on JULY 4th. We will find out how to minimize risks of damage from lightning.

Many thanks to Len Clements of TV Channel 10 for giving us a glimpse of his state-of-the-art helicopter at the May meeting. The next program that is held in the parking lot will be serviced with a PA system to permit every one to hear.

Jack Shepherd KB7RCV was the winner of the monthly door prize; it was an ARRL AMATEUR RADIO HANDBOOK.

LADIES NIGHT OUT WILL BE OCTOBER 14

Bert Davidson W2GOB has reserved 3 ramadas at the Beardsley Rec Center in Sun City West for the evening of OCTOBER 14th, when club members will treat their spouses to a BARBEQUE dinner in appreciation of their forbearance with our hobby. Unattached members and those with significant others are also invited to enjoy the excellent food and fellowship. Mark it on your calendar!

Club Ham-of-the-Year is announced at this event. Last year's winner Frank Smith AHOW will chair the committee making the selection.

WVARC OFFICERS -- 1994

PRES RALPH BARR	WODNO	PHX	582-8208
VP PAUL PLAYFORD	W8AEF	SCW	546-2119
SEC GEO WATLING	N7JSA	SC	933-0854
TR WALT SCHWIEBERT	K7HGZ	SC	974-3387
DIRS BILL PAULEY	KB7RRE	PHX	938-6163
JOHN KORNBECK	WA9HBT	PEO	566-2018
CLARENCE REID	K0BJH	SC	876-8780
MERRILL BUTTERMAN	KF8DZ	PEO	878-4651
PPRES FRANK SMITH	AHOW	GLD	876-2718

AREA AMATEURS INVITED TO JOIN WVARC

At midyear the West Valley Amateur Radio Club offers an introductory membership in the club for the last six months (July - December) for \$5. As with our yearly dues of \$10, the fee includes all family ham members at the same mailing address. Join at our next meeting or send check to our PO Box and get on our roster for July.

POST 599 NEEDS ELMERS

Rick Tannehill W7RT, Executive Advisor for Explorer Post 599, has asked if there are any area hams who would be interested in working with members of the Post, on either a one-night or yearly basis. The Post has an active group of young men and women 12 to 20 years of age. They meet each THURSDAY at 7:30 PM at DeVry Institute (6:30 when radio classes are being held). Call Rick (435-9584) if you can spare some time.

The Post is also interested in contributions (tax deductible) of equipment in working order.

VACATION NET IS IN OPERATION

Each year from mid-May through mid-October, West Valley hams keep in contact with one another on the 20m VACATION NET. The net meets at 10 AM on MONDAYS and FRIDAYS on 14.240 MHz.

Chuck Bailey W7YU is Net Control or assigns that task to another local operator. Join the group!

A TIP OF THE HAT TO:
AL LAMB KE7WT

Most of us hams were upset with the article in May 2nd's Daily News-Sun reporting on the opposition of some mean-spirited Sun City West residents to amateur radio towers. It seems that a majority of residents in one section voted to prevent the installation of towers and dishes in their section; we understand that it can only apply to future installations. Other sections are reported to be making similar efforts.

Al KE7WT expressed the sentiment of the amateur community in a letter in the May 13 News-Sun, pointing out the many services that hams perform during emergencies and other situations and suggesting that these residents get to know their ham neighbors and discover how some of these services may be useful to them. He also described PRB-1 as it relates to the FCC's preemption of antenna restrictions by municipalities, counties and states. We are in hopes that a PRB-2 will one day emerge and apply to CR&Rs. As expressed in a bill working its way through Congress, Amateur Radio is a national resource.

DX ON 2-METER PACKET?

de Frank Smith AH0W

If you're depressed over lousy HF band conditions, maybe you'd like to try your hand at working guys overseas on VHF packet? Thanks to the efforts of Dan Meredith N7MRP we now have an Arizona Gateway allowing real-time conference capabilities with stations not just around the States, but DX as well.

If interested, go to frequency 145.710 and follow these steps: 1) connect to N7MRP-2 [C N7MRP-2]; 2) when you receive the connect acknowledgement, connect to N7MRP-3 [C N7MRP-3] and 3) upon that acknowledgement connect to NJ7P-15 [C NJ7P-15]. You will be asked to "register" your name and other info. You can either register or skip through that part and go into conference mode by entering [C]. Then type [/WHO] to see what stations are also connected. It would not be at all unusual to see connectees from UA-, OH-, G-, OE-, etc, as well as ZL's, VK's, etc, plus Americans, all at the same time conversing with each other, either direct or roundtable. After watching what goes on, jump in and say hello. Most foreign connectees also like to send QSL cards so be prepared to respond quickly.

N7MRP's station is also a very handy BBS node as well as K7BUC's. More on these next time.

LICENSE EXAMS JUNE 4th AT DeVRY

Examination for all classes of ham radio licenses will be held on JUNE 4 at DeVry Institute, 2149 W Dunlap Ave; walk-in registrations begin at 8:30 AM and no tests will start after 11 AM. BRING ORIGINAL AND COPY OF LICENSE AND APPROPRIATE CSCEs; originals will be returned, copies will be submitted to FCC with Form 610. Bring a photo ID and \$5.75, which will include all tests; no charge at present for only Elements 1A (5wpm) and 2 (Novice written test). NO TEST ON JULY 2ND!

Other monthly test sites (check contact person to confirm): 3RD SATURDAY, Tempe Library, 9 AM (Roger, 838-1215); 4TH THURSDAY, Mesa, 7:00 PM (Larry, 986-2298); 4TH SATURDAY, 7:30 PM (George, 274-6212).

EXAMS at FT TUTHILL, JULY 23; pre-register with copy of license, Form 610, check to ARCA for \$5.80 and note stating exams to be taken. Mail no later than July 1: ARCA, PO BOX 32756 Phoenix AZ 85064.

VOLUNTEER EXAMINERS and helpers participating in the MAY 7 tests at DeVry

Ed Blaszczyk N7EB	Ed Beyer WU7A
Marcus Clay AB7AH	Jack Dow KE7ZQ
Bob Johnson KE7LZ	Paul Kummel N7MYS
Phil Lawrence W7FQM	Bob Menefee AA7QJ
Jack O'Keefe WJ7N	Ray Sumner NW7R
Glenn Wade N7JWF	Dwight Yard KB7KON
Jack DeWitt AB7AX	Marc Cuizon WH6CJD
John Allen W7YR	Merrill Butterman KF8DZ

Ed N7EB is looking for additional accredited ARRL/VEC volunteers to help especially during the summer months. If you are a GENERAL or higher class licensee and would like accreditation, call Ray NW7R (972-8733) for a form to fill out. Those already accredited, please let Ray know if you can help at a particular session.

ARRL NATIONAL CONVENTION, JUNE 10-12

Arlington (TX) Convention Center DFW Metroplex will be the scene of the ARRL 1994 NATIONAL CONVENTION on June 10th, 11th and 12th. Advance admission (by June 3) is \$10. Info: Stephanie Gentry, PO BOX 861829, Plano, TX 75086 (214-442-1721).

ARRL SW DIV CONVENTION AUG 26-28, 1994

TOWN AND COUNTRY CONVENTION CENTER

SAN DIEGO, CALIFORNIA

Forums, Technical Sessions, Exhibits, T-hunt, Wouff-Hong Midnight Ceremony, much more. [Your Short Skip Editor has Registration Forms for those interested.]

A few weeks ago band conditions got so bad that the lead item for Chod Harris' weekly DX Bulletin was a DXpedition that had been cancelled! It was that week's only item under Chod's "DXpedition News" column. Nevertheless 30 and 40m continue to offer up a few goodies from time to time, such as C21/ZLLAMO, A35RK, various Caribbean, some Europe and less Africa.

The upper bands simply are going to get worse for the next 2-3 years before all the bands improve significantly. The best offerings in the next few years will indeed be on 30, 40 and 80/75m, so get your low band systems in working order. In fact I'd suggest that WVARC consider a program on low-band antennas and low-band DXing.

Palestine -- the next new country? Looks like we're headed in that direction, in fact, almost immediately after Gaza and Jericho areas get the nod of diplomatic recognition from the UN (after which other countries will follow suit). There are probably at least three different DXpedition groups looking that way to activate what will probably be 1P prefix.

DXAC is contemplating the proposed DXCC status of Pratus Island. If approved, Martti Lane OH2EH is expected to launch a major DXpedition there, probably as BV9P again. Also on the docket is paperwork mailed to ARRL by Roman Stepanenko 3W3RR/AHOM hopefully completing documentation on his P5RS7 operation from North Korea. My prediction is that both operations will be approved.

Various operations to keep tuned for include Yemen 70LAA (maybe!), Algeria 7X4AN, Cambodia XU7VK and XU9HA, Corsica TK, Faroe OY1CT, Iraq YI9CW, Kerguelen FT5XJ, Malta 9H, Niger 5U, Nigeria 5N, Trinidad PY0TUP (maybe!), Western Samoa 5W1GC and Zambia 9J2BO. Of course all kinds of surprises are possible. The Russians have announced a new call-sign block for Malyi Vysotskij Island, R1MVA-MVZ (meaning that my operation there in 1992 as 4J1FM was the last one using the 4J1-prefix). I would predict an operation from there as well as from Market Reef OJ0- by early summer.

73, GD DX, GL and CU in the pile-ups.

Filler: Frank AHOW says that this is a true story, passed along by HRO employees. A young ham passed his No-Code Tech exams and purchased a 2-meter radio at a local store. He stormed back a few days later demanding his money back. He said that the "2-meter radio" only had one meter, not two.

On SATURDAY APRIL 23rd the club Public Service teams participated in Peoria Educational Enrichment Day Races at the Arrowhead Towne Center on Bell Road. There were over 200 racing participants, and although a number of glitches occurred with traffic problems and race route errors, there were no accidents and only a minimum of confusion, considering that this was a new location for the races.

The following stations took part:

Elliot Silverman K1FOC	Tom Ivy KA7ESP
Reuben Deerhake WA2OQU	Jack Dow KE7ZQ
Charlie Frankel N7NSY	Ed Gross KF8CG
Joe Nowakowski W7FPG	Gene Klein N7OEM
Bert Davidson W2GOB	Frank Green W7MAJ
Marty Shapiro KA7GKN	Larry Young W7DVC
Floyd Emanuel K7BN	Chuck Sauer K9IHV
Chuck Waldron K0VEB	Hal VanDyke KD2PH
Archie Hayes KC7ADY	Tony Cipolla W2QL
Bill Johnson W9WFFV	Jim Burdeaux K8LHK
George Watling N7JSA	

Our list of amateur stations participating in the Peoria Pioneer Day Races on April 9 inadvertently omitted the name of Merlin Myers KB7TKJ. Our apologies to Merlin; it was his first effort as a Public Service volunteer and was much appreciated.

FT TUTHILL HAMFEST, JULY 22,23,24.

ARRL FORUM, REPEATER OWNERS MEETING, CLUB BOOTHS, LADIES PROGRAMS, T-HUNT, much more.

PRIZES: Yaesu FT-840 HF XCVR
Dual Band XCVR

MFJ-249 Aerial Analyzer/frequency counter
Astron RM-35 Power Supply
FREE ADMISSION...TAILGATE \$10
Reserve space by June 10:
ARCA, PO Box 32756, PHX AZ 85064

CLUB TO HAVE BOOTH AT JULY HAMFEST

The WVARC club will sponsor a booth at the Ft Tuthill Hamfest in Flagstaff on SATURDAY JULY 23rd. Members are needed to man the booth on a 3 to 4 hr shift (depending on the number of volunteers). Extra copies of the Short Skip and Club Membership forms will be on hand for distribution and we may have raffle tickets. Please let Ralph WODNO 582-8208 know if you can help, especially with the early and late shift.

WANTED

DENTRON MT3000A TUNER.

Ken K7LDT 969-9115 (Mesa)

RADIO FREQUENCY INTERFERENCE NEWS

Phones that eliminate radio interference will be on the market in the next few months. Gov't is leaning on companies to produce themThe Kiplinger Washington Letter, May 13.

In early March the FCC Field Operations Bureau released statistics from a survey of 105 random cases of telephone interference, saying that since some telephones are "bullet proof", all of them could be. The results of the study were reported in May QST. The FCC concluded that transmitter power did not seem to be a significant factor and found that filters worked only one-third of the time...
The ARRL Letter, May 10.

The FCC receives 25,000 complaints per year from individuals who are unable to use their telephones because nearby radio stations interfere with the operation of the telephonesCitizens band stations accounted for half the telephone interference cases. Amateur stations and broadcast stations accounted for the other half.....FOB tested "bulletproof" telephones at 52 locations where individuals were receiving interference to their telephones. The "bulletproof" telephones eliminated interference at 96% of the locationsField Operations Bureau Telephone Interference Survey February 28, 1994.

The "bulletproof" telephone referred to in the release is a product of PRO DISTRIBUTORS, Lubbock TX. The test was a simple exchange of the telephone receiving the interference with the PRO DISTRIBUTORS phone.....As a result of these tests the FCC is working on the draft of a TIA technical standard for RFI immunity of telephones and other telecommunications terminal equipment. The spec will cover immunity in the band of 150 kHz to 200 MHz.....Bill Johnson W9WV, WVARC RFI Committee Chairman, 5/18/94.

If your neighbors are having RFI problems and think you are the cause, get in touch with Bill W9WV (584-2107) and the RFI committee before any hard feelings develop. In most cases the problem can be resolved to everyone's satisfaction.

PLEASE NOTE CHANGES IN CURRENT ROSTER

ARSENAULT, RON call is N7UDJ
WELTMER, CHARLIE new phone: 938-1143
NULL, JOHN, 14660 N 18TH DR, PHX 85023,
789-0274, new address, phone.
DANNEMILLER, DENNIS and ERIC, 4816 W FRIER
DR, GLENDALE 85301, new address.

CALENDAR FOR JUNE, JULY (Please mark your calendar)

SAT JUNE 4	VEC EXAMS, DeVRY	8:30 AM
MON 6	WVARC MEETING	7:15 PM
10-12	NATL CONV ARLINGTON TX	
SAT JUNE 11	BKFST COUNTRY KITCHEN	8 AM
MON JULY 4	WVARC MEETING	7:15 pm
SAT 9	BKFST COUNTRY KITCHEN	8 AM
22-24	FLAGSTAFF HAMFEST	

DAILY	CALL-IN NET 147.30 MHz	9 AM
MON, FRI	VACATION NET 14.240	10:15 AM
WED	2m NEWS NET 147.30	6:45 PM
THURS	LUNCH COUNTRY KITCHEN, SURPRISE, 11.	

FOR SALE

PRO AM - ABS MOBILE 10-75m ANTENNA
(never used); \$125 OBO.
Dick K9RGH 566-3495

DRAKE C-LINE STATION: R4C Rcvr, T4XC
Xmtr, Power Supply, Spkr, man.; \$325
Roland W8LQA 974-9062

DRAKE MN2000 Matching ntwk w/SWR meter
Ken K7LDT 969-9115 (Mesa)

COMPLETE HAM STATION; \$1000. (No items sold separately.) KENWOOD TS-940S XCVR, MC-60 Mike, SP-940 Monitor Speaker, TR-7800 2m XCVR w/mobile mount. ICOM IC-730 XCVR w/mobile mount, IC-PS-15 Power Supply, IC-SM5 Desk mike, IC-HM7 and IC-HM10 hh mikes, 2 ea IC-SP3 Speakers, IC-27A 2m XCVR w/mobile mount. Clegg 031 12V Power Supply. Home built 12A, 12V (regulated) PS. Central Electronic Monitor Scope. Heath SB 200 Power Amplifier, HO-10 Monitor scope, HM-2102 2m Wattmeter, Dummy load 1KW. MFJ-9898 3KW Antenna tuner. Custom-made ham station desk w/clock, Drake phone patch, Drake wattmeter, 2 ea Coax switches. Nutronic Vertical and one 2m antenna. Loads of miscellaneous items.
Fred WOHR 985-4495 (Mesa)

HEATH 20m XCVR SSB w/Power Supply, 120V AC, 12 or 120V, w/Spkr; \$25.

DRAKE Twins, T-4C, R-4C, and Power Supply, w/Spkr, manuals; \$250.

HEATH 220 LINEAR AMP/manuals; \$400.

DRAKE MN2000 ANT TUNER, 10-80;\$100.

TENTEC KR-1 ELEC KEYS; \$40.

HEATH HD-10 ELEC KEYS; \$25.

HEATH 1M-1B VTVM, 120V AC; \$35.

HEATH MONITOR SCOPE HO-10; \$50.

HEATH CANTENNA HN-31; \$10.

SHURE SLIMLINE MIKE 777; \$25.

REALISTIC RCVR DX-150, 120V; \$35.

Much more.

Chuck W7YU 977-7427.