



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 OFFICERS -- 1994

PRES RALPH BARR	WODNO	582-8208
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TR WALT SCHWIEBERT	K7HGZ	974-3387
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MERRILL BUTTERMAN	KF8DZ	878-4651
PPRES FRANK SMITH	AHOW	876-2718

DECEMBER PROGRAM: ALASKA CRUISE

The December 5th meeting of the West Valley ARC is traditionally a family event with a non-ham program. Refreshments (provided by Board members) and comradeship are the order of the day. After a brief meeting to elect officers for 1995, George Hands KE7DH will take us on an Alaskan tour that that he and Elsie enjoyed this past summer. Bring your significant other along and get acquainted with your colleagues. We may even sing "Jingle Bells".

Everyone enjoyed the November program by Dan Meredith N7MRP. Many came away with a renewed interest in Packet Radio. The club had a Packet class a few years ago, and talk about hands-on instruction for new members is surfacing.

Our January Program has not been firmed up at press time. February will be Auction Night; the committee is refining its operations for a smooth session.

Nominated Slate of Officers 1995:

Pres	George Watling	N7JSA	(SC)
VPres	(not filled at press time)		
Sec	Merrill Buttermann	KF8DZ	(GLD)
Treas	Ernie Brewer	N7EBN	(PHX)
Dir:	John Kornbeck	WA9HBT	(PEO)
	Bill Pauley	KB7RRE	(PHX)
	Jack Norman	KA3VIY	(SCW)
	Al Lamb	KE7WT	(SC)

CODE INSTRUCTION STARTED

Recently club members have expressed considerable interest in learning or upgrading their Morse Code skills. A meeting was held at Sun City Posse HQ on Nov 15 with sixteen people in attendance. The level of skill varied from zero to nearly 20 wpm. It was obvious that one class could not accommodate the group.

It was decided that Code Practice would be provided on the KE7DH repeater (147.30 MHz) on Wednesday nights after the Net (time approx. 7:30 PM). Beginners were advised to obtain an audio tape for learning the characters. Our practice sessions will use groups in the sequence provided in ARRL tapes for beginners:

- Nov 16: A, E, R, N, T, I, AR
- 23: O, S, D, H, C, U, BT
- 30 L, M, P, G, F, . ,
- Dec 7 Y, W, B, J, /
- 14 K, Q, X, V, Z, ?

The Nov 16 session went well, with many responding. Meanwhile, a Code Practice Committee that was formed a year ago has offered to run a practice session at 6 PM, prior to the Wed net. Paul Playford W8AEF and Frank Smith AHOW will coordinate the efforts of the two groups. Check the daily Call-In Net (9:00 AM) and Wed night net for changes in skeds.

SUPERSTITION ARC HAMFEST '94

SATURDAY DECEMBER 3
 MESA COMMUNITY COLLEGE
 DOBSON ROAD and SOUTHERN AVE
 General Admission \$2/car
 Tailgaters \$5/2 spaces
 PRIZES: (1) YAesu FT-840 HF XCVR
 (2) ALINCO DR-1200T 2m Data Radio
 (3) \$150 HRO Gift Certificate
 (4) 2m/70cm Beam Antenna
 Tickets \$1 (Six for \$5)
 Info: Gary WA9TJV, 961-0817

Thank you for giving those of us in the ATV spectrum of the ham community the opportunity to tell a little about ourselves and fastscan TV. To begin with, if any of you have ever watched our 7:30 Wed Night Net (147.28+ talk-in) or our Saturday Night Net (145.19- talk-in) you would know that we are all "wild and crazy" guys! We have more fun with our hobby than grown-ups (hi, hi) should be allowed.

Take for instance our Annual Halloween Net (held Wed Night, 26 Oct) run by our Wednesday Night "Netmeister", Larry N7NOU. Members checking video into the net were required to "dress appropriately," and believe me, most of them didn't need much prodding. Everything from "ghouls" to what looked suspiciously like our famous anonymous (?) phantom "Alyss" our "mystery lady."

All you need to see us is cable-ready TV set and an outside UHF antenna. Tune to cable-channel 57, and there we be! I have picked up the signal with only an inexpensive Radio Shack butterfly attached to the UHF connector inside the house. The signal is vertically polarized, 434.00 in, 421.25 out, from our repeater on Shaw Butte near 19th Ave and Cactus. We also have a "900 machine," and a "1.2 gig. machine" that we'll tell you about later

Besides having a lot of fun with the "400 machine," we do get serious at times. Whenever the space shuttle flies we re-broadcast NASA Select satellite audio and video from just before lift-off until the shuttle lands. Either Don KD7BU uses his station to transmit the down-feed to the repeater, or we use our new set-up that was located at TV channel 25, near Deer Valley Airport.

Saturday Oct 22, a bunch of the guys held a "field test day" up on top of a mountain at White Tanks. Before noon they had a video signal hitting us in Phoenix on 900 megs, and followed that quickly with P-5 (best on the P scale) picture and sound on "400."

Don KA7PCJ, AATV Club President, has everyone doing something. We've got lots going on and plenty of room for newcomers. In fact we just got a trailer and we're gonna need help and equipment to get it set up. You're welcome to join us! We meet on the second Sunday of the month. We are mostly on 145.19- (PL 162.2). We're also usually at Denny's on Bell Rd at 1-17 most mornings. Write us: AATV, PO Box 64051, Phoenix 85082-4051.

[More ATV info? Call Tom NY7S, George KE7DH]

Heading up this month's DX news is a report that Rolf T Salme of the Swedish Embassy in Hanoi has been licensed in Vietnam as XV7SW. Rolf plans to concentrate on CW frequencies including the low bands. Look for him on 3505 7033, 14016, 21016 and 28016. Rolf reports that the Vietnamese are in the midst of passing new legislation on amateur radio that would put Vietnam on a par with other ITU countries.

The world of DX was mildly disappointed to see that attempts by Kan JA1BK and Jim Smith VK9NS to activate Bhutan A51 did not come to immediate fruition. The two did go on the air from Bhutan and made 27 contacts as a demonstration for Bhutan's communications authorities. Then they left the country, agreeing not to disclose any further details until after Jim returns to Norfolk Island. They described their demonstration at least as being successful. Many feel that Kan and Jim's success was not the 27 QSOs but valuable inroads into getting Bhutan's amateur radio activity opened once again in the same way that the Finns did in Albania in 1991.

In other DX news, the DXAC has recently been petitioned for approval of the Kingdom of Mustang for DXCC status. The Kingdom is bordered by Tibet and Nepal. Formerly under the domain of Tibet, the Kingdom claims cultural autonomy as well as authority of its territory including complete exclusion of all foreigners (read: Tibetans and Nepalese). They also claim recognition of the sanctity of its borders by many other countries. The DXAC is also studying proposals for the Austral Islands, the Marquesa Islands, the Ballent Islands as well as establishment of a special DXCC award for mobile operations.

Probably the most important DXpedition to stay tuned for will be Glorioso Island FR5ZU/G. Also, Dave Heil A22MN (formerly 9L1US) will remain in Botswana with the US State Dept until March, after which he will be moving to Finland for the next four years. Dave is very active on low bands CW, so work him now.

Again look for a DX bonanza in the form of upcoming contests and DXpeditions. Some of the better countries to listen for and work are Galapagos HC8, Ghana 9G5, East Malaysia 9M6NA by JE1JKL, Madeira CR3U by DL1HYH, New Caledonia FK by F6AUS, Seychelles S79OC by various JAs, E Kiribati T32A by JA5EXW, Gibraltar ZB2X by OH2KI, Madagascar 5R8HP, Antarctica CP8CMR, Burkino Faso XT2BW, Cambodia XU7VK, Ethiopia ET3YU. Burundi 9U, Swaziland

3DA0CA, Cameroon TJ1JR, Isle of Man GD4UOL, Saudi Arabia 7Z500, Somalia T5AR, Togo 5V7MD and Uganda 5X1XT.

On a personal note, many thanks to WVARC members who worked us at Revillagigedos XF4M a few weeks ago. We appreciated the well wishing of many after we became stranded at sea enroute home. Our near disaster ended with the maritime rescue of our team by the Mexican Navy and several days later a flight home on an army transport plane. Never did the Tucson Airport look so inviting! Details at a future WVARC meeting. In spite of innumerable other problems, we managed to come home with 15,500 QSOs in the logs. Special thanks to Paul Playford W8AEF and Bob Johnson KE7LZ, who kept in touch and helped tremendously with local transportation of our team.

Good Luck, Good DX and CU in the Pileups! 73

CANADA ADOPTS NEW RFI RULES

Canadian hams are protesting a new ruling entitled EMCAB-2 which attempts to control RFI/TVI through field strength measurements. The rule stipulates that if a given signal level exceeds a field strength measurement of 1.83 V/m then the transmission is legally definable as the source of the interference problem and not the receiving equipment. VEs are claiming that, e. g., if 120W is fed into a dipole at 7-13 feet on 40m, a measurement of 150 V/m would put the transmission into this legal definition. Similarly 140W fed into a roof-mounted vertical on 20m or 425W fed into a 3-ele beam at 25 feet on 10m would cross this line. Canadian hams say that the rule is an "arbitrary, one-sided political solution to a technical problem", unfairly pitting "amateurs against their consumer neighbors while the government abdicates its responsibility to hold manufacturers to a higher technical standard."de AHOW.

LAST WORD ON "LAST TWO"

Recently much attention has been drawn to the use by some hams of the "last two" letters of their callsigns - a practice that has been encouraged by some of the HF nets, but also heard on some of the 2m nets.

Jim Wilson W4MWT of Atlanta began questioning this practice on the 14,247 "DX" group's net directly. Many hams disagreed but many others found themselves agreeing that hams must identify within ten minutes of any initial transmission using their full callsigns. The problem, as Jim pointed out, is that not all of those calling in with partial calls necessarily get on the Net Control Operator's list

to be later called up (at which time they would be allowed to identify properly). Further, not all of those that do get on the list will identify, choosing to "pass" instead when called up. All of these, as a result, having called in with "last two only", fail to identify and fail to do so properly.

This practice has further annoyed DXpeditioners who see the so-called "DX" nets as the source of this problem. All too many hams in attempting to be heard in pileups resort to use of last two letters only. For the DXpeditioner, and especially for the contester who is likely using computer logging programs, partial callsigns frustrate and slow down the process. According to the DXCC specialist at ARRL, this is simply poor operating practice as well as being illegal.

Your DX Editor, myself, recently undertook to write formal enquiries to the ARRL Official Observer Coordinator at Newington and to the FCC just to see how the authorities looked upon this practice. The FCC stated very simply that Rule 97.119 does not provide for this identification procedure and the ARRL stated more directly that the failure to identify within ten minutes with full callsigns is clearly illegal.

In QST (December 1993), Bill Kennamer K5FUV, DXCC Specialist for the League, wrote that "somehow I think we might just solve the National Debt problem in one weekend if the FCC would listen around on 20m until the partial callsigns are finally forced to identify fully while trying to make contact."

Bill wrote further that many DXpeditioners "have told me that they will ignore callers using only the 'last two letters' until there is no one else calling. A few even told me that they ignore them entirely, and some answer but fail to log two-letter callers." There's a clear message here - do it right. Calling with the 'last two only' is illegal, and it could prevent you from getting into that rare station's log. Don't be a lemming, following the lead of a control station into an illegal practice. Be proud of your callsign and use it," Bill wrote.

I have the two letters on file if anyone would like to view them. In the meantime, be aware of this matter, identify with your full callsign and encourage your fellow amateurs to do the same. In fact, the FCC suggested in their letter to me that we should make this known to any amateur involved, that is, those who have fallen into this habit. Two-meters included.

.....73 de Frank AHOW/OH2LVG

Tests for all classes of amateur radio licenses will be held at DeVry Institute, 2149 W Dunlap Ave on SATURDAY DECEMBER 3. Walk-in registration is between 8:30 and 10 AM. No new candidates registered after 10. Bring photo ID, original and copy of appropriate license and/or CSCE, and filled-out FCC Form 610 (available at test site). A fee of \$5.75 will cover all tests at one sitting. An additional \$5.75 is charged for a second test for the same element (if you fail by one or two questions the first try). After Jan 1, fee \$5.90.

On FRIDAY DECEMBER 2, a test session will be held in SUN CITY at the SHERIFF'S POSSE OF SUN CITY HQ on Sunland Drive. Registration 6:30 PM (no earlier). Tests for all classes will be given. Pre-register by calling Ray NW7R 972-8733.

Other exam sessions: SAT DEC 17, Tempe Public Library (Roger AA7QY, 838-1215).

Volunteer Examiners on NOV 5th:

Ed Blaszczyk N7EB	Ed Beyer WU7A
Mark Cuizon WH6CJD	Jack DeWitt AB7AX
Paul Kummel N7MYS	Art LaFleur KI7ZR
Bill Lange KA7KOQ	Phil Lawrence W7FQM
Monte Nelson NX1Z	Jack O'Keefe WJ7N
Gord Stanger KB7GSQ	Ray Sumner NW7R
Roy Woodruff W2HTX	Dwight Yard KB7KON
Merrill Buttermann KF8DZ	

We thank the Volunteer Examiners who give their Saturday mornings to these efforts. All ARRL-accredited VEs are invited to participate when you can.

FARE REPORTS ANOTHER SUCCESSFUL EVENT

Len Winkler KB7PLW has expressed his thanks to the various clubs that took part in the FAMILY AMATEUR RADIO EVENT at Rawhide on Sept 17th. He noted the large number of children in attendance, the interest in ham radio expressed by first-time visitors, and the impression the hams made on Maricopa County Sheriff Joe Arpaio, who recruited some fifty people for a volunteer ham posse.

There will be a FARE 1995, with an attempt to add to the number of clubs participating. Charter clubs have increased their equity in the operation. The West Valley ARC received a check for \$31.80 for a nominal amount of work. Most workers were provided by Carl Hayden High School, Superstition ARC and AZ TV Club. The FARE Scholarship Fund received \$300, making its total \$500.

KENWOOD 2500 HT (2m) w/mag mount; make offer. June KCOXZ 977-3342

KNWD TL-922 LIN. AMP. (1 kw), 3-500Z recently replaced; \$850.

STANDARD C-146A 2m HT, crystal controlled, new nicads; \$40.

Ken WA01OK 815-7107

30' TELESCOPING ANTENNA MAST, galv steel, w/guy rings; \$50.

George N7SCC 995-2005

TS-430. Fred W7MCP 584-6100

KNWD TS 450S/AT; \$1229.

POWER SUPPLY PS-53; \$220.

HUSTLER 6BTB; \$150.

or best offer.

Paul N7LIB 984-2590 (Mesa)

YAESU FT-767GX XCVR; \$1000.

YAESU FT-5200 XCVR (2m/70cm); \$500.

LARSEN MAG MOUNT ANT (2m); \$25.

ARRL WALL MAP (30x40") framed, with pins for DX countries worked; \$20.

CUSHCRAFT R5 Vert ant like new; \$250.

ARRL LOG BOOK, new; \$1.

ARRL CALL BOOK, NA, 1991; \$5.

STEREO HEADPHONES. 8 ohm; \$10.

CUSHCRAFT HALF WAVE AR-270 (dual); \$40.

Chuck W7YU 977-7427 (KB9FJQ estate)

COLLINS LINEAR 30L-1; \$500.

COLLINS KWM-2 XMTR; \$300.

CONTROL UNIT COLLINS 312B-5; \$75.

SPEAKER w/filters 516F-2; \$25.

(or above 4 items: \$800.)

HUSTLER 4BTB Vert; buyer dismantles; \$25.

ARRL HANDBOOK 1957; \$2.

ARRL ANTENNA HANDBOOK 1956; \$2

RADIO HANDBOOK 1956; \$2.

CALL BOOK, NA, 1987; \$1

MICRONTA POWER SUPPLY 12V @ 2.5A; \$10.

Chuck W7YU 977-7427 (W7JKW estate)

HEATHKIT SB-220 LINEAR w/10m; \$450.

HEATHKIT SSB (14.0-14.35 only) 12V, has 110V Power Supply, Spkr, Mic.

HEATHKIT VTVM IM-28 w/manual.

DRAKE LOWPASS FILTER (kw)

Chuck W7YU 977-7427

HY-GAIN 14-element 2m beam.

Baldwin W0JD 214-0074

ALINCO DJ-580T/E 2m/440 FM HT

Wally AE7Y 933-7011