

SPARKS

Vol. 20, No. 6

Puget Amateur Radio Society

June 2004

This Month's General Meeting

The next meeting will be held on Thursday, June 17 from 7 to 9 PM, at the Bellevue Senior Center, located at 4043 - 148th Ave. in Bellevue, just north of the 148th exit on I-520.

For this meeting we'll be touring the PARS trailer, located behind the Senior Center. This is to show it to our new members, and to get ready for Field Day. This is also our annual election meeting.

As usual we supply coffee, juice and cookies. We hope to see you there.

Happy birthday to you!

Jun 17	Marvin Brewer	AC7AL
Jun 22	Charles Beckmeier	KC7GMF
Aug 1	Mark Whitaker	KD7KUN
Aug 11	Van Kichline	KD7QIT
Aug 11	Bob Adams	KJ7BP
Aug 13	Dick Schwanke	W9HXM

A Field Day Message From Our WWA Section Manager

From: "Ed Bruette" <ebruette@silverlink.net>
Subject: Field Day
Date: Fri, 11 Jun 2004

WWA Clubs & ARES/RACES groups,

This year I intend to try something different for Field Day (FD). During your efforts to contact as many FD stations as possible, I'm going to visit as many of your sites as I can. There are lots of you and you are spread out over a fair amount of geography so I won't make it to every site. If you would like to have me visit your club's FD site I need directions to be able to locate it. Please email the directions so that I can find your site easily.

My mobile will, in all likelihood, be up on APRS. So, if you are planning to claim the points for an APRS demonstration you can participate in "Where is the SM?" I may operate in stealth mode periodically too.

Some of you, like the Clallam and North Kitsap clubs, have run with the local proclamation idea and have gotten good results. A proclamation is on its way to the Governor for his signature.

GOTA stations are a great way to get technicians, non-licensed folks and even some "old" novices on the air. It just may be the extra kick in the seat of the pants someone needs to get licensed or upgrade their license.

Let's make an extra effort to get new licensees and those who may have drifted away from our hobby out to FD so they can experience the teamwork, camaraderie and fun of operating under less than optimum conditions.

Remember, a major part of FD is setting up and tearing down the site safely. Hard hats, gloves, climbing belts and other safety equipment should all be part of the package we deploy with. Appointing a safety officer is a good idea too.

"See" ya on Field Day!

73,
Ed Bruette, N7NVP
Section Manager, WWA
www.arl.org/sect/wwa

The Great Battery Shoot-out

Van Kichline found good on-line article comparing different brands of NiMh AA batteries, with a bit about the best chargers. The article was written about the best batteries for use in digital cam-corders, but I think HTs have similar high current short duration needs.

www.imaging-resource.com/ACCS/BATTS/BATTS.HTM

Sparks News Articles

Many *Sparks* articles come from recent issues of the Amateur Radio Newslines(tm) (abbreviated ARNewsline). You can sign up to receive the weekly Amateur Radio Newslines at www.arnewslines.org or hear it Mondays on the PSRG Net at 7:30 PM on the 146.96 repeater, or at 8 PM on the 146.78 repeater. Sometimes the report includes audio clips that aren't transcribed in the printed version, so it's better to listen to the audio version when you can.

The BPL Fight: Mr. Haynie to Meet with White House Telecom Advisors

From ARNewsline(tm) Report 1397, May 21, 2004:
This weeks top story starts in Dayton Ohio and ends in Washington DC. It was at the Dayton Hamvention that ARRL President Jim Haynie, W5JBP, announced that he would be meeting with presidential advisors at the White House Telecommunications Office to discuss the Broadband Over Powerline situation. Amateur Radio Newslines was there when a horse but upbeat W5JBP thanked the ham radio community for making the meeting come about:

Haynie: "When we ran the story about my Faxing the President of the United States a powerful letter, what

Next general meeting - Thursday, June 17 at 7:00 PM at the Bellevue Senior Center, 4063 148th Ave. NE in Bellevue. Also join us at 5:30 PM for dinner at Coco's, 14804 NE 24th St. in Redmond. Visitors are always welcome at the meetings and at Coco's.

Next board meeting - Thursday, Sept. 2 at 7:00 PM at the Cowboy Steakhouse, located on the east side of the Totem Lake Mall in back of the Bank of America Bldg. Take the 124th St. exit off of I-405 and go east to the first street with a left turn lane. Turn left, cross the railroad tracks, continue to the next light, turn right at the bank, go one block and take a right. All PARS members are welcome.

you helped me do with your letters and your e-mails was to get me an appointment Thursday morning, 10 a.m. in Washington. So you helped me to do that. (applause).

The meeting between President Haynie and those advising President Bush on telecommunications matters was scheduled for Thursday, May 20th. We will have a full report on it, next week. (ARNewsline(tm))

The BPL Fight: Ham Turns the Table on BPL Provider

From ARNewsline(tm) Report 1397, May 21, 2004: Still with BPL news, word that a ham attending an industry sponsored demonstration of the technology in Australia came prepared to do battle. From Brisbane, Q-News reports:

A presentation was given by Piero Peroni, who is the Business Manager for the BPL trial within Aurora Energy and Adrian Wild who is the Corporate Affairs Manager within Aurora Energy.

Martin, VK7GN gave an audible demonstration of the interference on his portable HF receiver and I think it would be fair to say by all accounts the Corporate Affairs Manager was quietly horrified at the noise!

Whether or not the ham radio counter demonstration to Aurora Energy will slow down or stop the rollout of BPL down-under is, at this time unknown. (Q-News)

Ham Radio Books: New VHF Propagation Book From CQ

From ARNewsline(tm) Report 1397, May 21, 2004: CQ Communications has announced the publication of a new resource book for hams active on VHF and UHF bands. Its a book for those who want to learn more about long-distance propagation possibilities available to them.

Titled "VHF Propagation - A Practical Guide for Radio Amateurs" the book examine each of the most common long-distance propagation "modes" found on these bands. Topics covered include tropospheric scatter and ducting, Sporadic-E, Aurora, 6-meters and the F-layer, transequatorial and more. The book then explains how each mode occurs and offer tips on making the most of these band openings.

"VHF Propagation - A Practical Guide for Radio Amateurs" was written by Ken Neubeck, WB2AMU, and Gordon West, WB6NOA. It is available from many ham radio dealers or direct from CQ anytime through the CQ on-line bookstore. To find it take your web browser to www.cq-amateur-radio.com and then click on "Visit the CQ Store." (CQ)

Radio Honors: Ham Honored for Service in Iraq

From ARNewsline(tm) Report 1397, May 21, 2004: The United States Department of Commerce has honored Fredrick Matos, W3ICM, of Annapolis, Maryland. This by presenting him with its Gold Medal Award for Distinguished Achievement.

The ARRL Letter says that Matos is an employee of the National Telecommunications and Information Administration. He was given the honor for his work to help establish telecommunications in Iraq, where he was deployed for nine months.

While in Iraq, Matos who also holds the Iraqi call YI3DX helped establish a central telecommunications authority along with assigning frequencies to local law enforcement groups. He was also responsible for issuing YI Amateur Radio licenses to both nationals and visitors.

In presenting the award April 13, Commerce Secretary Donald L. Evans welcomed Matos home and thanked him for his role in "expanding freedom around the world." (ARRL, Daily DX)

The BPL Fight: Mr. Haynie Goes to Washington Redux

From ARNewsline(tm) Report 1398, May 28, 2004: ARRL President Jim Haynie, W5JBP, says his meeting with White House telecommunications advisors on BPL issues was both revealing and encouraging. Amateur Radio Newsline's Mark Abramowicz, NT3V, has the latest:

Haynie says he and ARRL representatives met with Richard Russell, the White House associate director of technology in the Office of Science and Technology Policy in Washington D.C.

Haynie knew going in that the Bush administration's policy was clear: BPL is something that's good for America. But Haynie says Russell did offer assurances, especially in light of the interference findings about BPL contained in the National Telecommunications and Information Administration report.

"He did emphasize the fact that they would address the interference issues aggressively," Haynie says. "And I'm going to take him at his word at that. That they will do that.

"And I'm sure the FCC has taken note of the interference issues that NTIA has raised and as the representative for the amateur radio community, I intend to stay on top of it.

"We're not going to let this thing slide from that standpoint. They have the rules and they're printed and they're there. And we're going to make sure that they abide by those rules."

Haynie says it was clear from the start that Russell is beholden to the political agenda of the Bush administration.

"Mr. Russell heard what we had to say all right, but I think he was already predisposed to the fact that to anybody on the street - and I'm talking about the uninformed person that doesn't know about technology, broadband over powerline, where you can just plug your computer into the wall, any wall outlet - does sound like a good thing," Haynie says. "And, I understand that.

"But on the other hand, there are issues that have to be dealt with and one of the examples I gave Mr. Russell was the fact that we could all lower our electric bills if we could burn high-sulfur coal.

"And he said, 'Well the EPA wouldn't let you do that.' I said, 'That's my point exactly. The FCC should be standing there, overseeing the rules about spectrum pollution.' I think I made my point."

Haynie says, upon reflection, one reality in the whole BPL debate is becoming crystal clear.

"I honestly do believe there's a disconnect between the engineers in the field, the engineers at the commission who actually understand the physics of the issue versus the politicians who are driving it," Haynie says. "I'm convinced now that's what it is. This is no longer a science issue, an issue of facts, it's an issue of politics and that disappoints me."

However, Haynie says in recent weeks certain admissions by utilities trying to work with the amateur community are significant.

"In the beginning, everybody said from the industry side that there was no interference," Haynie says. "Now they're actually saying, 'Yes, there is and we'll try to mitigate it, we'll try to work with you.' That in itself is a big step."

Haynie says there also are admissions that one major interference solution touted by BPL proponents - notching - just doesn't do the job across the board.

"Finally some of the people are admitting, 'OK we don't have a point-source radiator anymore, we have a continuous-source radiator such as a power line.' And they're saying that the notching techniques will work and we've actually found out that they don't work that well," Haynie says.

"The notches are not that exact. And, when it says that they notch something about 3db or 6db, that's still not enough. It has to be notched by at least 30 in order to get back down to where the amateurs can function. And that's going to be a big challenge for the industry."

Haynie says anybody studying the issue of broadband technology sees the BPL investment is not a good one because of the growing emphasis on creating a wireless network.

"Quite frankly, in my personal opinion, the broadband over powerlines is going to be a real flash-in-the-pan because other technologies are going to overtake it very quickly," Haynie says.

"Whenever people say they want to plug their computer into any outlet in the wall, then my question is: 'Then, why do you have a cordless phone?' And WiFi and WiMax enter that challenge by being able to go anywhere in your house and let your laptop down whether it be on your couch or in your easychair and operate broadband.

"And I think that technology is going to be the real answer to people that need that type of high-speed internet access."

Haynie says the BPL battle is far from over. He says the strategy now is to press regulators - especially the FCC - to enforce the interference rules.

"Hold everybody's feet to the fire on the rules," Haynie says. "And the encouraging sign I've seen in the last week or so is the fact that more and more utilities have said that they didn't think it was a viable option for them and have opted out.

"Interestingly enough, the city of Manassas now is advertising for another provider. I found that extremely curious and very interesting."

Finally, Haynie concedes the ARRL has spent hundreds of thousands of dollars on the BPL issue and it's looking to the amateur community to get behind the league and its work.

"People are working overtime," Haynie says. "We are burning the candle at both ends and all I would ask is the amateurs support the organization and what we're trying to do in this effort."

For the Amateur Radio Newsline, I'm Mark Abramowicz, NT3V, in Philadelphia.

More on the fight to stop BPL in future Amateur Radio Newsline reports. (ARNewsline(tm), ARRL)

Radio Laws: California to Fine Distracted Drivers

From ARNewsline(tm) Report 1398, May 28, 2004: California drivers who are distracted for any reason and whose actions attract law enforcement may soon face fines by eating, combing their hair or talking on a cellular telephone. This if a bill passed on May 18th by the state senate and bend to the Assembly is eventually made law. Bill Pasternak, WA6ITF, has more in this report:

It was called SB1800 when Senator Kevin Murray introduced it to the California State Senate back in February. It went unnoticed by the Amateur Radio community until about a week ago when the Senate passed it and delivered to the State Assembly for further action. That's when news outlets state wide ran banner headlines saying that the state legislature might make it a crime to be distracted in any way - while operating a motor vehicle in the Golden state. And that is exactly what the measure would do.

As written, the Murray bill would make it a crime for a person to operate a vehicle in an unsafe manner that results from engaging in a distracting activity while driving. What is a distracting activity? Well according to the Senator it is just about anything. Eating or drinking, smoking, reading or writing, interacting with children, animals, passengers, or objects in the vehicle, adjusting the controls of an audio or other entertainment device, or even talking on a hands free cellular telephone. And it is the last two items that could easily impact on ham radio operators or any other two way radio user that a police officer might regard as distracted just because he or she has a microphone in hand or is changing frequencies on a radio.

The bill does say that a law enforcement officer may not stop a vehicle when a driver is engaging in a distracting activity unless the officer observes that the vehicle is being operated in an unsafe manner. But it is left to the officer to decide what unsafe really is under other areas of California state law.

The proposed law does not single out or target Amateur Radio operators for enforcement, but it does not exempt hams either. In fact, the only exemptions are police, fire and emergency services but even this is limited. The measure states that an emergency service professional would be exempt from these restrictions when using a wireless telephone or other electronic device, but only as part of the course and scope of his or her duties.

What about penalties? The bill would require a first offense to be punished by a fine of \$35, and a second or subsequent offense that occurs within 2 years of a prior conviction for the infraction to be punished by a fine of \$150.

Also, being permitted to continue driving in California and get insurance means that you have to keep your violation points count low. Any person whose driving record shows a violation count of 4 or more points in 12 months, 6 or more points in 24 months, or 8 or more points in 36 months be presumed to be a negligent operator of a motor vehicle. This bill would prohibit a first-time violation from being given a point value, but would mandate that a 2nd or subsequent violation within 2 years to be given a value of one point. And even 2 points can cost a lot of dollars when you go to renew an auto insurance policy.

For the Amateur Radio Newsline, I'm Bill Pasternak, WA6ITF, in Los Angeles.

Supporters of the proposed law cite studies blaming distractions for 25 to 30 percent of all vehicle crashes. Opponents say that the bill goes too far in meddling with the civil rights of individuals. This group vows a court fight if the measure gets signed into law. (ARNewsline(tm) from published news reports)

Restructuring: FCC Chairman Says Restructuring Continuing

From ARNewsline(tm) Report 1398, May 28, 2004: FCC Chairman Michael Powell has told US representatives Greg Walden, W7EQI, and Mike Ross, WD5DVR, that the Commission will act 'as expeditiously as possible' on Amateur Radio restructuring. This, in response to a letter from Walden and Ross a month ago that urged the FCC to adopt the ARRL's restructuring Petition for Rule Making in its entirety along with rules changes needed to put it into place.

But in his response, Powell said the League's petition was one of many. There are 18 in all. An ARRL bulletin says that judging from the FCC Chairman's letter to Walden and Ross, it would appear as if the regulatory agency plans to address all 18 petitions within the framework of a single rule making proceeding. (ARRL)

New Products: The TNC Wizard

From ARNewsline(tm) Report 1398, May 28, 2004: Creative Services Software has announced the release of version 1.0 of the Kantronics and Timewave TNC Wizard. This program searches for your TNC and sound card on both serial ports and TCP/IP networks.

Creative's Rick Ruhl, W4PC, says that the TNC wizard works with built in serial ports in the TNC, USB to serial adapters and TCP/IP to serial interfaces. It also has an option to detect the soundcard in the computer and add that information to the PacTerm or PkTerm startup files without any additional setup needed at install time.

The TNC Wizard requires Windows 98 or later, with TCP/IP installed. There is no cost for the TNC wizard and it can be downloaded from the CSS website at www.cssincorp.com (CSS)

Names in the News: Inductees Named to the CQ Halls of Fame

From ARNewsline(tm) Report 1398, May 28, 2004: CQ Amateur Radio magazine has inducted fifteen people into its Amateur Radio Hall of Fame and two into the CQ Contest Hall of Fame.

Those elected to the CQ Amateur Radio Hall of Fame include Ned Carman, Ned, W0ZSW, and Sister Alverna O'Laughlin, WA0SGJ, who co-founded the Handi-Ham System to aid the handicapped. Also inducted was Ten-Tec co-founder Jack Burchfield, Jack, K4JU. His partner Al Kahn, K4FW was made a member in 2002.

Others named include Bob Heil, K9EID, whose inventions revolutionized audio in rock music live performances and amateur radio and writer Tom Kneitel, K2AES and Amateur Radio Newsline's own Bill Pasternak, WA6ITF. Bill is honored for his quarter of a century of producing these newscasts and for creating the "Amateur Radio Newsline Young Ham of the Year Award.

The new members of the CQ Contest Hall of Fame include Steve Bolia, N8BJQ. Steve is the longtime Director of the CQ World Wide WPX Contests and a pioneer in computer log-checking. Also inducted was Trey Garlough, N5KO. Garlough, who also holds the call sign HC8N is a world-class contester and the creator of two major contesting e-mail reflectors.

The CQ Amateur Radio Hall of Fame was established in January, 2001, to recognize those individuals, whether licensed radio amateurs or not, who significantly affected the course of amateur radio. The CQ Contest Hall of Fame was established in 1986 to recognize those amateurs who have made major contributions to contesting. The complete list of names is on line at www.cqdashamateurradio.com. (CQ)

On The Air: New Mid-America 6 Meter Beacon

From ARNewsline(tm) Report 1398, May 28, 2004: The Legion of Indianapolis DXers has activated a 24-hour a day 6 meter beacon. Operating as W9VW slash B on 50.069 MHz, the automated 12 watt station is

located in the heart of Indianapolis in grid square E M 69 WT. The antenna is an omnidirectional horizontally polarized turnstile at 70 feet. QSN reports go to W9VW, P.O. Box 18495, Indianapolis, Indiana, 46218. (W9IND, QRZ.COM)

More ARNewsline Support Needed

From ARNewsline(tm) Report 1399, June 4, 2004:
This important announcement from our Support Fund Administrator Andy Jarema, N6TCQ:

Newsline is again facing a financial crisis. The funds are so low that we may not be able to pay the bills from May. Worse, for the first time in our history, we even do not have the money to send a representative to Huntsville this summer to present the 2004 Young Ham of the Year Award. And in two words - "that's bad."
"Real bad."

The solution to both of these problems really lies with you. Our world-wide all volunteer staff produces these newscasts for you. The all volunteer Young Ham of the Year Committee labors tirelessly each year to select a youngster to receive the Award. Joe Eisenberg, K0NEB, oversees the Newsline sponsored Roy Neal, K6DUE, Amateur Radio Mentoring Project database, doing so at no cost. The list goes on and on.

I too am a volunteer, but I have to be the realist. I'm the accountant who has to look at the bottom line and when it turns red, I have to say - hold on - there is no more money to continue. And that's about where we are right now.

So, here's the bottom line. If you want the newscasts to continue. If you want the mentoring program to continue and the Young Ham of the Year Award to continue, we need you to show it now - right now - through your financial support of Amateur Radio Newsline.

Remember that Amateur Radio Newsline is a federally chartered 501(C)(3) and California state not-for-profit corporation. This makes your donations tax deductible, whether you're an individual or a club. The address to send them to is the Amateur Radio Newsline Support Fund, Post Office Box 660937, Arcadia California 91066.

For now I thank you for listening, and for responding.

The BPL Fight: Reply Comment Deadline Extended to June 22

From ARNewsline(tm) Report 1399, June 4, 2004:
The FCC has extended the deadline to file reply comments on already filed responses in its broadband over power line Notice of Proposed Rule Making ET Docket 04-37. The FCC granted the extension based on requests from the National Antenna Consortium and the Amherst Alliance.

The two organizations had sought to have the FCC postpone the filing comment deadline until either September 1 or two months after the public release of the NTIA's Phase 2 study - whichever was later. The Commission responded that in its view an additional

three weeks should be ample time to respond to any NTIA submission.

The FCC does not routinely grant such time extensions, and it denied earlier petitions, including filings from the ARRL. Now it has relented and has set a new Reply Comment deadline of Tuesday, June 22nd. (ARRL)

Radio Law: 811 Proposed as a Nationwide Call-Before-Digging Number

From ARNewsline(tm) Report 1399, June 4, 2004:
The FCC is asking for comments on a proposal to adopt "811" as a nationwide call-before-digging number. The regulatory agency believes that this will give excavators one simple number to call to avoid cutting buried cables, gas lines and other important infrastructure.

Currently there are 70 nationwide "One Call" centers that serve different geographic areas. They are generally accessed by dialing toll-free or local telephone numbers. The FCC however believes that having one simple number to call like 811 should promote safety and lead to fewer utility outages.

Want to know more? It's all on-line at hraunfoss.fcc.gov/edocs_public/attachmatch/DOC-247171A1.doc (CGC)

With Newsline: Send Us Your ID - Please

From ARNewsline(tm) Report 1400, June 11, 2004:
The station ID you just heard was recorded a few weeks ago at the Dayton Hamvention. And it has lead us to an idea. Would you like to ID your own repeater or bulletin station here on Amateur Radio Newsline? Well here is how you can do it.

Simply record on a cassette tape the following sentence and include the call sign and location you want to honor.

From the United States of America, we are the Amateur Radio Newsline, heard on bulletin stations around the world including the "xxx" repeater serving "yyy zzz." The "xxx" is the call sign. The "yyy" and "zzz" are the city and state.

Then, take the tape and mail it to Amateur Radio Newsline, Editorial Office, 28197 Robin Avenue, Santa Clarita, California, 91350. As time permits, we will select an audio ID and include it in the newscast.

All tapes submitted become the property of the Amateur Radio Newsline and cannot be returned.

Again, the address to make yourself a part of this bulletin service is Amateur Radio Newsline, Editorial Office, 28197 Robin Avenue, Santa Clarita, California, 91350. (ARNewsline(tm))

Radio Research: MCRN to Test Radiation Angles

From ARNewsline(tm) Report 1400, June 11, 2004:
The Marconi Radio Club of Newfoundland station VO1MRC will be conducting an antenna comparison experiment on the 19th and 20th of June and you are

invited to take part. Amateur Radio Newsline's Bruce Tennant, K6PW, has more:

Each day during the experiment from 0000 to 2400 UTC station VO1MRC will operate a CW beacon on 5269.5 kilohertz. Its purpose will be to determine the relative performance of high and low radiation angles. The antenna in use will be identified by a code in each transmission.

VO1MRC will also be open briefly for 2 way contacts with stations authorized to transmit on 60 meters starting 0000 UTC each of these days and will operate simplex on 5260.5 kilohertz CW. Following this it will transmit on 5327.5 kilohertz upper sideband and receive 5346.5 kilohertz upper sideband and 3807.5 kilohertz on lower sideband.

The experiment was proposed by Marconi Radio Club of Newfoundland and is endorsed by Radio Amateurs of Canada. Its operated under an authorization issued by Industry Canada which is that nations telecommunications regulatory body.

For the Amateur Radio Newsline, I'm Bruce Tennant, K6PZW, in Los Angeles.

For further information, please check the Marconi Radio Club of Newfoundland web site. That URL is www.ucs.mun.ca/~jcraig/5megex.html (RAC)

On the Air: the Collins Collectors Nets

From ARNewsline(tm) Report 1400, June 11, 2004:
And if you own vintage ham gear, you might want to become a member of the Collins Collectors Association and join one of their monthly nets. The nets are held the first Wednesday of the month on 3.888 MHz beginning at 7:30 PM in the Eastern time zone and 8 PM in the Central, Mountain and Pacific time zones.

These nets draw hundreds of vintage stations from across the country and are anchored by a "tall ship" AM station in each time zone and you do not need to operate Collins gear to take part. For more information, just tune in. Comments go by e-mail to wa9vrh@mtco.com (Via e-mail)

PARS 2003 - 04 Club Officers:

President	Charles Beckmeier	W7CEB	425-822-2339
Vice-President	Don Hickman	WF7Z	425-821-7025
Secretary	Doug Bell	KD7KKR	206-362-2421
Treasurer	Van Kichline	KD7QIT	425-820-7278

The Puget Amateur Radio Society (PARS) is an ARRL-affiliated club serving radio amateurs in the greater Seattle area. Meetings are normally held on the third Thursday of the month (except July, August, and December) at 7:00 PM at the North Bellevue Senior Center, 4063 148th Ave. NE. Visitors are always welcome.

Minutes of the PARS General Meeting, 20 May 2004

The members met at the Bellevue Senior Center, with 8 members. The meeting began shortly after 7 PM with the Pledge of Allegiance. Attending were Edna Rideout KA7HNH, Don Hickman WF7Z, Van Kichline KD7QIT, Charles Beckmeier W7CEB, Dick Schwanke W9HXM, Doug Bell KD7KKR, and new members Phyllis Kahan WA2FAQ and Lester Kahan K2ENC.

Doug demonstrated his recently-acquired logic analyzer.

Minutes: We forgot to approve the minutes.

Old business: The members had talked three months before about making a donation in memory of the recently deceased Staples brothers. They had decided at the last meeting to table this again until Van Kichline gives his report on the charity we have in mind. No one remembered to bring this topic up at this meeting.

Repeater report: We are looking for a new site for our repeater. We are working currently with John Sherman AA7UJ on setting up another repeater with our controller probably at a nearby hospital.

Some repeaters have been offered for our temporary use:
On UHF: 441.075, +offset, 103.5 tone;
On VHF: 145.49, -offset, 103.5 tone.

Trailer report: We still need to do some work on the trailer.

The members discussed the trailer's features for the benefit of the new members.

The members spoke about how they came to become hams and members.

New Business: Field Day will be June 26-27, just over a week after our next general meeting. We are planning a working type of Field Day, since the trailer needs some work on the roof. We will also be trying to operate on several new modes, for example PSK-31.

The meeting was adjourned near 9 PM.

Respectfully Submitted -
Doug Bell, KD7KKR
PARS Secretary

Annual dues are \$15.00 for individual membership, \$22.50 for family (2 or more persons at the same address). PARS will prorate the dues of new members joining after Jan. 31. Contact Doug, KD7KKR, for a membership application.

Visit our Web page at www.qsl.net/k7par This is always a work in progress, so check back often. Visit our Repeater at 443.200 MHz, positive offset, PL tone 103.5 Hz.

Send articles, comments, want ads, etc. for inclusion in this newsletter to Doug Bell, KD7KKR, 12755 27th Ave. NE, Seattle, WA 98125-4311, or email to Doug at kd7kkr@arll.net.

Send all other club-related correspondence to PARS, PO Box 32, Kirkland, WA 98083-0032.