

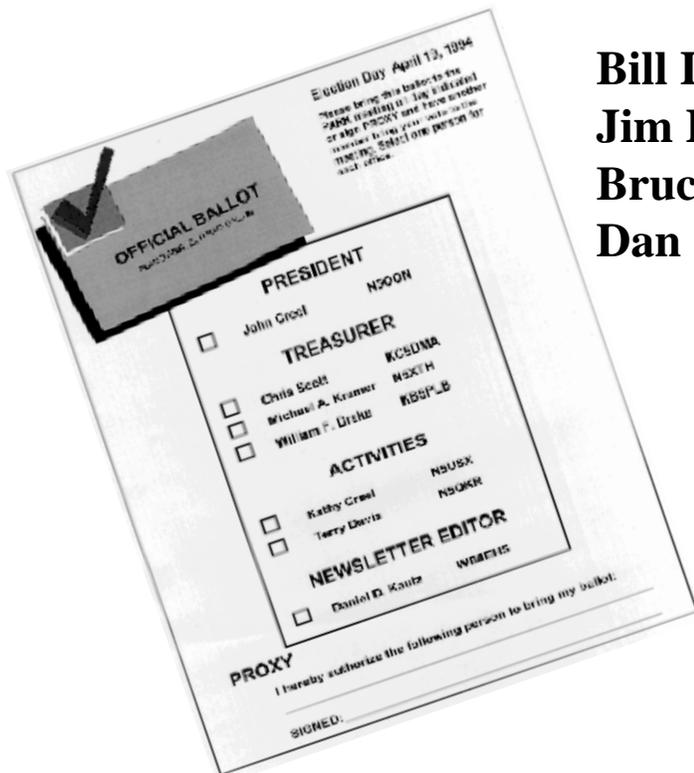


# PARKING TICKET

"Our 26th YEAR!"

April, 1999

## Election Meeting!



**Bill Drake KJ5ZV - President**  
**Jim Holman KC5JGT - Vice President**  
**Bruce Dingman N5BYL - Treasurer**  
**Dan Kautz W8EHS - Newsletter Editor**

These are the nominees. There are further open positions for:

Activities director  
Public relations

All positions may have write in options. Be sure to bring your enclosed ballot to the meeting on April 20th!

The program this month is on emergency. ARES and storm chasing.

## FCC License Renewals and FCC License Expiration Notices

Amateurs may renew their FCC-issued licenses "on line" via the FCC web using FCC Form 900. FCC permits on-line renewals at 120 days or less before a license will expire. If a license is already expired, but is within the FCC's two-year grace period for renewal, the FCC will not accept an on-line Form 900 application--but they will continue to accept Form 610 requests for renewal when submitted by mail to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245.

Amateurs may continue to renew their licenses within 90 days before the license expiration date, or within the two-

year license grace period after expiration, using FCC Form 610 by mail to: FCC, 1270 Fairfield Rd, Gettysburg PA 17325-7245.

The FCC no longer issues notifications to amateurs just prior to their license expiration. The FCC had done so for a time, but they ceased doing so in October 1996.

FCC-license renewals are FREE (no renewal charge or fee is required by FCC).

Presently, expiration notices are sent from ARRL HQ to ARRL Members only! These ARRL-Member-only notices

include a cover letter with instructions for renewing electronically or by mail, an FCC Form 610 with instructions, and an envelope addressed to FCC. ARRL Members may also choose to forward their hardcopy, signed Forms 610 to HQ (to the ARRL/VEC, 225 Main St, Newington CT 06111) and we will process them electronically (this FREE service is for ARRL Members only!). Expiration notices are also sent to all amateurs from the W5YI Group in Dallas TX (handling fee is charged for their service).

## **P.A.R.K. Meeting Minutes**

March 16, 1999

The regularly scheduled meeting of the Plano Amateur Radio Klub was called to order by Martin Reynolds Park President. The meeting was held at the Harrington Library.

The chair welcomed everyone to the meeting and invited all present to join in The Pledge of Allegiance.

Thirty seven members logged in and five visitors signed the visitors sheet.

A round of introductions by name and call sign was given after which a program on Field Day Activities was given.

Secretary announced the minutes as published in the Newsletter. A motion was made to accept the minutes as published, it carried unanimously.

The Treasurer's report was announced as published in the Newsletter. A motion was made to accept the report, it carried unanimously.

The Communications report was given by Bill Fell KK5PB. He noted there has not been much headway on the voter system. He updated the Klub on the progress of the system and search for permanent location. No further action was taken.

The Newsletter Editor Dan Kautz W8EHS

New Business -

-The Secretary noted three new applications for membership, Bill Hansen KC5PJW, Barry Goldblatt WA5KXX, Irwin Sivin KD5DXZ. A motion was made to accept the new members, it was seconded and it carried unanimously.

-The Secretary noted the Ham Expo in Belton, TX will be on Saturday, April 17. It is sponsored by the Temple Amateur Radio Club. They can be reached at phone: 254-773-3590 ask for Mike LeFan, email: [hamexpo@tarc.org](mailto:hamexpo@tarc.org), and visit their website at [www.tarc.org](http://www.tarc.org).

-The Secretary noted information has been received on the 1999 Ham Com to be held in Arlington, TX. Anyone needing this information is to contact the Secretary.

-John Sanders AB5ZR noted the MS

Walk that will be held on Sunday, April 18 and has been split up between 2 locations; Highland Park and West Plano at Parker and Midway. He is looking for volunteers for communications and other activities. Anyone wanting to volunteer, please contact John Sanders. John also requested the services of the 147.180 for the MS Walk. A motions was made to allow the repeater to be used, it was seconded and carried unanimously.

-Bill Fell KK5PB noted the Audie Murphy Bike Classic will be held on April 10th in Farmersville. Anyone interested in assisting please contact Bill Fell.

-Bill Fell noted the Rockwall Amateur Radio Klub has a 2 Meter Repeater for sale. He feels the repeater is a good system and should be looked at by the Klub for purchase. There was a general discussion. The PARK Board will discuss the repeater at future Board meetings and present options to the Klub membership.

-Martin Reynolds noted elections will be held at the next meeting. The nominations and ballots will be published in the April newsletter.

Old Business -

-No old business was presented at this time.

The meeting was adjourned at 2035 hours.

Jack Ward, KC5KOV  
Secretary

### **Treasurer's Report**

March 26, 1999

Expenses 656.28  
Income 692.00  
Balance 2196.70

#### **PARK Repeater**

Expenses -0-  
Income 203.00  
Balance 2579.49

Bonnie Swartzendruber WB5KTC  
Treasurer

## **SPUTNIK 99 TO LAUNCH IN APRIL**

Sputnik 40 Years—the same folks who brought you the Sputnik 40 and Sputnik 41 mini-Sputnik satellites—will launch a third mini-satellite in April. Sputnik 40 Years spokesman Guy Pignolet says the third flight model now is aboard a Progress rocket in Baikonur, Russia, awaiting transport to the Russian Mir space station April 2.

Sputnik 99, which likely also will be known as RS-19 and possibly as Sputnik 42, will be launched by hand from Mir sometime in April during a space walk by ESA astronaut Jean-Pierre Haignere, FX0STB, of France. The newest "baby Sputnik" was a cooperative effort of Gerard Auvray, F6FAO, of AMSAT-France; Viktor Kourilov, of the Astronautical Federation of Russia; and Sergei Sambourov, RV3DR, of Energia and AMSAT-Russia. Technical details of the latest Sputnik are not yet available.

Haignere is aboard Mir for a six-month tour of duty and will return to Earth in August. He has occasionally been on the air from the R0MIR setup aboard Mir (145.985 MHz). The Air Force General is also president of the Aero-Club de France's astronautics commission.

The last mini-Sputnik, Sputnik 41, was a joint project of Aéro-Club de France, the Russian Aeronautical Federation and AMSAT-France. Powered by nonrechargeable batteries, it stopped transmitting on 2 meters December 11 after approximately a month. It transmitted a set of pre-recorded voice greetings in three languages as well as a beacon. The first mini-Sputnik was launched in November 1997 from Mir to commemorate the 40th anniversary of the launching of the original Sputnik satellite. It transmitted only a beacon for approximately six weeks.

Sputnik 40 Years is a collaboration among high school students from College Jules Reydellet in St Denis on Reunion Island and students at the Center for Polytechnic Education in Naltchik, Russia.

*Read update Page 4 "Swatch..."*

## **HAARP LISTENING TESTS GO OFF WITH A HITCH**

HAARP was heard round the world the last weekend in March, but a few glitches injected a little intrigue to the research facility's 1999 listening test. The test on 6.99 and 3.39 MHz from the High Frequency Active Auroral Research Facility in Gakona, Alaska, was conducted March 26 and 27. Those who tuned in the first day to copy the test signals and CW message encountered what sounded like either severe multipathing or deliberate interference. Some listeners were convinced that another station was sending CW right on top of the HAARP signal.

It proved to be a false alarm, however. The first-day "interference" turned out to be largely related to apparent technical problems with a little multipathing thrown in, according to HAARP Technical Manager Ed Kennedy, K3NS. HAARP is still looking into the matter, but Kennedy said it now appears that while some transmitters were being keyed properly, others were not being keyed at all. "The net effect was not only a change in transmitted power between on and off, but also a pattern change," Kennedy explained.

Kennedy said the keying problem combined with auroral multipath to produce CW that was intelligible to some listeners and with quite a bit of multipath to others. The problem seemed to be most severe for stations in the Northeast. Some stations in the western US were able to copy the complete CW message. On the March 27 test, the same situation existed during the 6.99 MHz call-up only, Kennedy said, but it was corrected immediately.

The announced plan also had called for some antenna-pattern "tapering" during the carrier signal-measurement periods on 6.99 MHz. It appears that might not have happened on the first day either. This also was fixed on Day 2, Kennedy says.

HAARP's plan had called for directing the array's main lobe vertically, which meant that anyone outside of

Alaska heard the HAARP transmissions by virtue of one of the antenna pattern's sidelobes. Just which pattern or patterns were employed is not yet clear, and not all listeners noticed the tapering effects, although some reported dramatic differences in signal strength. Total power output was in the vicinity of 400 kW, about half-power for the present HAARP facility.

Kennedy says HAARP is still analyzing the results and reports that he plans to post some "quite detailed measurements" on the HAARP 1999 Listening Test Results Web site.

HAARP's huge signals literally were heard on the other side of the world. "Your signal on 3390 was very weak, and I had to use a narrow filter to be able to read your carrier and signals," reported Tony Magon, VK2IC, in Sydney, Australia. Stateside reports—many from hams—flowed in from Arizona, Michigan, Connecticut, Florida, Missouri, Maryland, and elsewhere.

Reception reports for the 1999 test are welcome. HAARP will provide an attractive QSL card only in response to listener reports mailed to High Frequency Active Auroral Research Facility, PO Box 271, Gakona, AK 99586.

HAARP is managed by the US Air Force and the US Navy. For more information, see "The High Frequency Active Auroral Research Program" (QST, Sep 1996, p 33) or visit the HAARP Web site, <http://w3.nrl.navy.mil/haarp.html>

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## **SHORTWAVE CAN PROVIDE WINDOW TO YUGOSLAV ACTION**

You don't have to tune very far from the amateur HF bands to find different perspectives of the current crisis in Kosovo. NATO air strikes against Yugoslav targets resumed March 26, and many overseas correspondents have been expelled from Yugoslavia by the Milosevic regime.

Larry Magne, editor-in-chief of International Broadcasting Services Ltd

which publishes Passport to World Band Radio, says Voice of Russia World Service, Radio Tirana, Radio Yugoslavia, and the BBC World Service offer a variety of points of view on the current happenings in the Balkans. International Broadcasting Services keeps an ear on world shortwave broadcasts from its primary monitoring site in Paraguay.

"Voice of Russia is interesting because they've sort of taken up the Serb cause," Magne explained. "In a way, their reaction is more important because they have some clout." Radio Tirana, from the Albanian capital, supports the other side of the conflict in which ethnic Albanians in Yugoslavia seek some degree of independence, while Radio Yugoslavia will offer the perspective of the Milosevic regime. Magne said it's hard to beat the BBC World Service for a more neutral position.

Magne said he considered it a bit odd that Radio Yugoslavia, with powerful transmitters installed under the Tito regime, still was on the air as of March 25, but IBS monitoring indicated the station was active on 7115 kHz 0100-0130 UTC. The shortwave station is "typically, the first thing they go after" when bombing, he said.

Voice of Russia and Radio Tirana both can be found evenings within the amateur 40-meter band (the 41-meter international broadcasting allocation). IBS monitored Radio Tirana on 7160 kHz between 0245 and 0400 UTC. Russia is available on 7125, 7180, and 7250, as well as other frequencies. IBS has monitored Voice of Russia on 12,000, 12,020, 12,040, and 15,595 kHz during the last 24 hours. Magne said the economic crisis in Russia has made that country's international broadcasting schedule a bit more unpredictable than in the days when it was known as Radio Moscow.

Magne says 5975 kHz is the best spot for the BBC World Service. Croatian Radio also has been heard evenings on 9925 kHz.

"Radio France Internationale, Radio Free Europe/Radio Liberty, and others are adding transmissions to the Balkans, so it is not inconceivable that some of the international broadcasters with access to large transmitting facilities may add frequencies because of the Balkan

situation,” Magne said.

Radio B92 (92.5 MHz) in Belgrade has been shut down by the Yugoslav government but has attempted to continue to broadcast via the Internet to avoid possible censorship. IBS says it has an unconfirmed report that the independent Radio B92 will be rebroadcast on shortwave to Yugoslavia and much of Europe. “The shortwave broadcast supposedly will operate this weekend from 0700 UTC (Saturday March 27) on 11415 USB,” Magne said. “This reported transmission would appear to be via the facilities of an existing Western European hobby pirate station, probably using a modified ham rig and thus at very low power.”

B92’s Web site, <http://www.b92.net/>, does not mention a shortwave broadcast. The site offers English-language broadcasts, but these generally have been unavailable since the bombing began. The Web site suggests listeners try the Real Broadcast Network if they experience problems. Magne confirmed that Radio B92 Web service has been intermittent but said the station was managing to get through using telephone lines to feed its audio. The Web site also provides news in English and Serbian.

B92 also has been distributing audio files of its news bulletins in Serbian at <http://www.webactive.com/webactive/events/b92/b92live.ram> or [http://www.xs4all.nl/~opennet/audio/live\\_feed.ram](http://www.xs4all.nl/~opennet/audio/live_feed.ram). These have been intermittently available the past week, but service is spotty and disconnects frequent.

Passport to World Band Radio and Passport to Web Radio are available from the ARRL. Passport to World Band Radio is \$20 (order item 7202); Passport to Web Radio is \$19.95 (order item 7059). Visit <http://www.arrl.org/catalog/> for more information.

## VANITY CALL SIGN APPLICATION FEE TO RISE SLIGHTLY

The cost of applying for an amateur vanity call sign is expected to rise slightly this fall. In a just-released Notice of Proposed Rulemaking involving assessment and collection of regulatory fees for Fiscal Year 1999 (MD Docket 98-200), the FCC has proposed increasing the vanity fee to \$1.42 per year or \$14.20 for the 10-year term.

The current vanity fee is \$13. That figure, originally proposed at \$1.29 per year (or \$12.90 for the 10-year term) was “rounded up” to \$1.30 per year by the FCC when it was implemented last fall, so it’s possible the FCC might adjust the final number up or down to an even dollar figure this time as well.

The FCC projects 6800 vanity applications in FY 1999 for a total revenue figure of more than \$96,000.

The vanity call sign business has continued to be brisk over the past year and picked up slightly after the vanity call sign fee dropped from its high of \$50 to \$13 last September. The FCC reports it received a total of 12,152 vanity applications during 1998—slightly more than 1000 a month; however, not all applications have resulted in call sign grants. That trend continued in January and February. The FCC got more than 1400 applications in each of those two months.

The vast majority of applications last year were filed electronically. The FCC reports that fewer than 20% of last year’s applications arrived on paper. The Commission’s Gettysburg office currently takes approximately three weeks to process a vanity call sign application.

Comments are due on the FCC’s FY 1999 fee proposals by April 19. Reply comments are due April 29. A full copy of the FCC NPRM is available at <http://www.fcc.gov/Bureaus/Miscellaneous/Notices/1999/fcc99044.txt>.

## SWATCH INSISTS “BEATNIK” MESSAGES “NOT ADVERTISING”

The CEO of the Swatch Group Ltd says messages to be transmitted on 2 meters by the soon-to-be-launched Sputnik-99 satellite are “not advertising” but part of the watchmaker’s campaign to institute the “Swatch beat” as an international unit of time measurement. Replying to the League’s suggestion to scrap the launch, Swatch Group CEO Nicolas E. Hayek said if anyone profits from the so-called “Beatnik mission” satellite, it will be the Amateur Radio community “who will gain much more recognition worldwide for their important work.”

On April 7, League Executive Vice President David Sumner, K1ZZ, suggested that Swatch cancel the launch of the so-called “Beatnik” satellite and use a commercial satellite for its project instead. “The Amateur Radio community must stand against the ‘Beatnik’ satellite because it represents such an undesirable precedent,” Sumner said. He cited international regulations defining the Amateur Service as one engaged in by “duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.”

In his faxed reply April 8, Hayek indicated the company planned to go ahead with the mission, despite the League’s entreaty and numerous complaints from within the amateur community. He said the more than 400 messages programmed into the mini-Sputnik are not to advertise the company’s products but to promote the company’s concept to “improve time coordination in a separate and new way between all parts on Earth”—something, he said, that should interest hams.

An increasing number of voices within the amateur community have been raised in protest against plans for the “Beatnik mission.” Rob Carlson, KC2AEI, has opened a “Swatch Protest and Boycott” site on the Internet at [http://wmbc.umbc.edu/rob/swatch-protest/to\\_collect\\_opinions\\_and\\_as\\_a\\_clearing\\_house](http://wmbc.umbc.edu/rob/swatch-protest/to_collect_opinions_and_as_a_clearing_house)

for information on the topic.

Acknowledging “negative reactions from a few radio amateurs regarding the Swatch beatnik satellite project,” Hayek said Swatch has received many more positive ones from “other interested users.” Some of the e-mail messages are posted on the company’s Web site, <http://www.swatch.com/beatnik/frameset.html>. Swatch also has opened an e-mail comment box on its Web site to gather opinions on “Should we send your messages into space?”

Swatch solicited more than 5000 messages via its Web site, including voice and text files, for possible transmission on the new satellite. Messages selected for use were supposed to include a reference to the “beat” theme.

Hayek said he planned to again review with Swatch management “what can be possibly done without jeopardizing the aims of the mission” while also not offending amateurs, and invited continuing dialogue with the League. Sumner expressed disappointment that Swatch has not yet decided to change course, but he welcomed the opportunity for further dialogue.

AMSAT-France, which contracted with AMSAT-Russia to build the electronics for the soon-to-be-launched mini-Sputnik, has since distanced itself from the project and apologized for its involvement. AMSAT-Russia President Eugene Labutin, RA3APR, also has apologized, saying the arrangements with Swatch were made without AMSAT-Russia’s knowledge.

The new Sputnik-99 satellite arrived on Mir aboard a Progress rocket April 4 and is tentatively set for launch April 16 during a space walk by the Russian Mir crew. It will carry a 100-mW transmitter and transmit on or about 145.815 MHz. The satellite will have an approximately 30-day life span.

## **FCC ISSUES STRENGTHENED SCANNER RECEIVER RULES**

The FCC has amended its rules to strengthen existing prohibitions on scanning receivers that can receive cellular telephone transmissions. While the new rules contain specific exemptions for the Amateur Service, they will have important ramifications for the manufacture of new Amateur Radio equipment that scans frequencies outside the ham bands.

The new rules—released March 31 in a Report and Order—broaden the definition of a scanning receiver to include receivers that automatically switch among two or more frequencies between 30 and 960 MHz that can stop at and receive a detected signal. Still exempted are receivers designed solely for operation as a part of a licensed station. In response to an ARRL request, the FCC clarified that the rules do not apply to Amateur Service receivers unless they cover frequencies outside the ham bands.

The FCC also widened its definition of “test equipment” exempted from the cellular reception restriction. The adopted definition defines test equipment by function, rather than by end user as proposed, thus permitting sale to the general public.

Receivers that allow reception of cellular frequencies because of their poor image response would be illegal under the new rules. As it proposed, the Commission adopted a 38 dB rejection standard for signals in the cellular bands “for any frequency to which the receiver can be tuned.”

The FCC abandoned a proposal to require manufacturers to limit reception of cellular service frequencies by “direct pickup” through the cabinet. The FCC also backed away from a proposal that could have required epoxy potting and nonremovable components to prevent scanner modification. The League had argued that this could raise the cost of buying and repairing equipment and

could preclude ham gear modification for CAP and MARS or for experimental purposes.

The FCC adopted a more generalized requirement that receivers be designed so that tuning, control circuits, and filtering be inaccessible, and that any attempted modifications render the receiver inoperative.

The new FCC rules also prohibit modification of scanning receivers as a business or on an ongoing basis “regardless of the date of manufacture or number of units modified.” The Commission also said modification of any scanning receiver is prohibited and invalidates the equipment authorization. New, permanent labels on scanning receivers also will be required.

Kits for scanning receivers would be treated the same as assembled equipment. The League plans to look closely at this provision to make sure it will not prevent amateur manufacturers from producing legitimate transverting equipment.

The new rules become effective due 30 days after their publication in The Federal Register, but the FCC said it will include “transitional provisions” in its rules. A copy of the Report and Order is available on the ARRL Web site at <http://www2.arrl.org/announce/et98-RandO.html>

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## **Texas PRB-1 bill gets Senate sponsor:**

The Texas Amateur Radio tower bill has a Senate sponsor, Sen Mike Jackson. Karl Silverman, N0WWK, who’s been a prime mover behind the legislation, reports that Jackson not only will sponsor the bill but will attempt to put it on the fast track. Silverman said the bill could turn up in a Senate Committee on Intergovernmental Relations, chaired by Sen Frank Madla and will probably be heard on April 7th or 14th.—Karl Silverman, N0WWK

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## Mir PMS Operating Again

MIREX President Dave Larsen, N6CO, reports that recent problems with the TNC aboard Mir have been repaired with the help of Scott Avery, WA6LIE. Larsen asks Mir packet users to refrain from attempting to access the PMS if it's in use by another ground station and to not digipeat through the TNC when a ground station is connected.—SpaceNews

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## Easily Heard Signals

de W8EHS  
[w8ehs@arrl.org](mailto:w8ehs@arrl.org)

Election year! Well, in the case of the PARK it is election month. We have some (shhh...) volunteers(!) for P, VP, T and NLE. Now all we have to do is get them elected. Not so tough. However we still have a few holes in the officers list we need to fill. All we need is one write in and you may be elected!

Great news! At least for me. I finally installed the vertical antenna on my house. There is a picture on this page to confirm the installation. Works great too! The feed line is a bit of overkill. I had a spool of Belden 9913 so I used that. If you do not know, 9913 is very low loss air-core coax. Generally used for VHF and even UHF feedline. Typical loss at 100 feet on 2 meters is 1.7 dB. I think it must suck RF from the transmitter at HF. This is not flexible stuff so is not good as a feed line direct to a rotatable antenna. My antenna is a High Gain R-7, 40 through 10 meters.

In the first hour of operation I worked all four coasts of the USA — California, Boston, Florida, Ottawa, W Va. And heard the Cayman Islands. That was 20 and 10 meters.

The new officers will soon be planning “stuff” for the club. In my opinion, we need to look at the function of amateur radio in today's communication world. A lot has changed in the 30 years I have been a ham. It is not the same old same old. What is the function of the radio club? Social has been the main focus for the PARK. This is achieved through the breakfast meetings

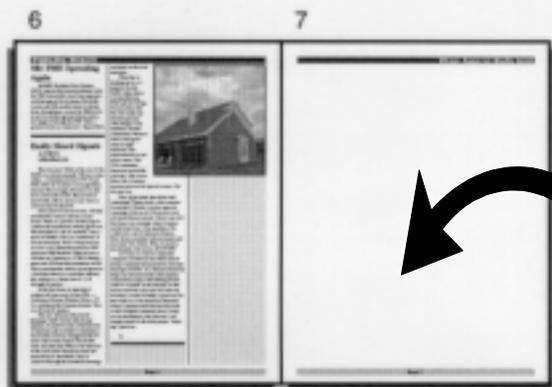
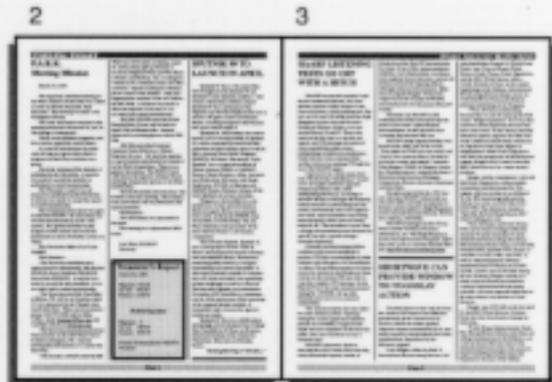
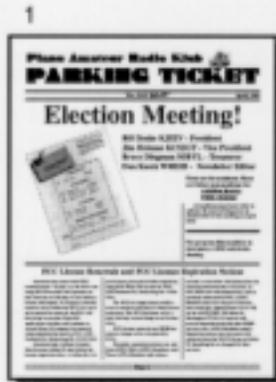
and chats on the club repeaters.

What this is leading me to, is a purpose for the PARK other than a social gathering. Don't get me wrong. Social is fine. But the club could and should represent other things to the members and the community. We have taken some great steps in right direction. The representation in the tower issues. The TVI committee. Skywarn and ARES activities. The Good News Net. Communication services for special events. The list goes on.

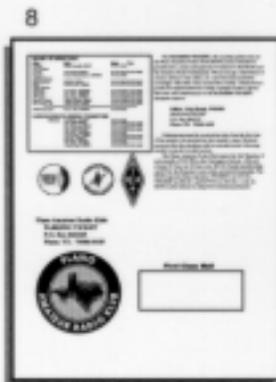
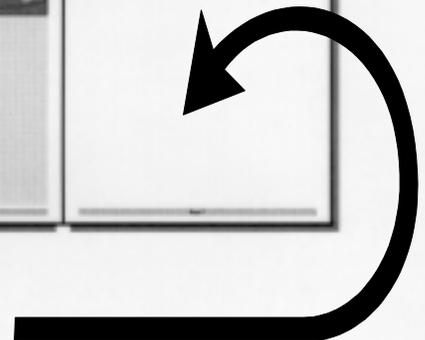
How about some operations and contesting? Think about a club construction project. Maybe a license upgrade campaign with on air CW practice and advanced theory lessons. I know one club that buys coax in large orders for price and divvies it up to the members. We could start a list of interested buyers. How about a weather balloon launch and recovery? Fox Hunts. What we need is involvement. Get active. DO STUFF.

Let's face it. I have to admit the computer and Internet has filled almost all my communication needs for real ham message activities. It is Internet email that keeps me informed of the club minutes and members input. The Parking Ticket itself is available on the Internet. Is this bad or evil? Of course not. It is the way of today's world. Actually, a good way of the world. It is our mission to find how today's amateur radio fits into this wide world of digital communication. I hope we are planning to stay relevant. I am trying to push us all in the proper “thinking” direction.





**We Need More STUFF!**



**BOARD OF DIRECTORS**

Office	Name	Home	Work
President	Martin Reynolds, N6LIF	972-727-6746	
Vice President			
Secretary	Jack Ward, KC5KOV	972-527-8344	972-497-6098
Treasurer	Bonnie Swartzendruber, WB5KTC	972-423-6768	
Activities Director			
Communications	Bill Fell, KK5PB	972-424-0496	972-705-3611
Editor	Daniel Kautz, W8EHS	972-712-7741	972-323-4814
Public Relations			
2M Trustee	Fred Varian, WD5ERD	972-398-0407	214-464-6084
220 Trustee	Steve Jones, WB5SGN	972-241-6311	214-265-3243
440 Trustee	Tom Gentry, K5VOU	972-442-3502	972-423-3421
Former President	Charles Cashion, W5ISZ	972-881-0952	972-519-2583
Tech. Comm. Chr.	Charlie Stone, KG5XX	972-517-1575	972-684-5364
TV/RFI Committee	Don R. Hice, WB5TVI	972-599-2038	

**LONG-RANGE PLANNING COMMITTEE**

Chairman	Name	Home	Work
	Jim Holman, KC5JGT	972-424-4282	
	John Creel, N5OON	972-517-7551	972-484-3620
	Bruce Dingman, N5BYL	972-442-4542	972-995-5774
	Tom Gentry, K5VOU	972-442-3502	972-423-3421
	Patsy Jones, WA5MYD	972-423-0202	
	Jim Popelarski, W5WN	972-618-5096	972-308-1419
	Bill Swan, K5MWC	972-596-9307	972-705-3441
	Deb Varian, KA5HQY	972-867-4048	
	Craig Young, KA5BOU	972-396-9184	972-952-4616

The **PARKING TICKET** is the monthly publication of the Plano Amateur Radio Klub (PARK) and is intended to present news, issues and opinions of interest to the PARK and the Amateur Radio Community. We encourage contribution of articles, letters to the editor, etc. and welcome newsletter exchanges with other clubs around the country. Permission is granted to reprint material as long as proper credit is given. Ideas for and contributions to the **PARKING TICKET** should be sent to:

**Editor - Dan Kautz, W8EHS**  
**PARKING TICKET**  
 P.O. Box 860435  
**Plano, TX. 75086-0435**

Submissions must be received no later than the first day of the month to be included in that month's issue. Material received after the deadline will be included in the following month's issue if it is still current.

The Plano Amateur Radio Klub meets the 3rd Tuesday of each month at 7:30 PM in the Harrington Library, 18th and Avenue P. Dues are \$15 per year, \$21 for family membership, and \$7 for the Repeater Association, prorated biannually. The PARK operates three repeaters: WD5ERD on 147.18+, WB5SGN on 224.22- and K5VOU on 444.25+. Look for PARK on the Internet at: <http://www.holman.net/park/>.



**Plano Amateur Radio Klub**  
**PARKING TICKET**  
**P.O. Box 860435**  
**Plano, TX. 75086-0435**



**First Class Mail**

