



# PARKING TICKET

Plano, Texas

*"Having fun with Amateur Radio!"*

February, 2000

## Greetings again!!!

de Bill KJ5ZV/AAR6CE

I must apologize for my inability to attend the last club meeting for January. I was notified on Saturday that a trip to Philadelphia was necessary on Monday morning. Susie was gracious enough to step in and conduct the meeting on my behalf. I am told that she is a natural!!! Which reminds me, elections will be in April and that is not very far away. President, Newsletter editor, Treasurer, and another position that slips my mind at the present will be up for the 2000 term. (subliminal susie for president).

While I am also semiconscious here at my desk....plans for the next field day activities are also open for discussion. Do we do like last year and have a mini field day, full scale field day? I know we have at least two members with full scale KICK BUTT contesting stations, and that

a lot of our members assist in keeping it on the air for the duration. What is your pleasure. Let me know at the next meeting. (susie for president) Please remember that our club membership dues are being collected for this year. Closing date is the March meeting. It won't be long now, as I look out on this mornings ice storm, when we will be cutting grass and working on new antenna projects. Do you have any projects that you would like to share with all of us in the club. Again, let me know at the meeting and we can see what we can do about sharing the information. Any ideas for club presentations at the meeting would be greatly appreciated also. (susie for president)

Still could use a few people to help with the Good News net. Thursday night at 8:00pm local time. About 30 min worth of work to benefit us all. If we can get just a few more, it would only be once every 2 months. Please help!! (susie for president)

So until the February meeting. Keep the shinny things up in the air, your coax dry, and all the RF streaking in the right direction.

## Treasurer's Report

Jan 24, 2000

### Regular fund

Expenses	62.72
Income	278.00
Balance	1859.94

### Repeater fund

Expenses	0
Income	98.00
Balance	2640.71

Bruce Dingman N5BYL  
Treasurer

# DUES ARE DUE!

**The following dates are the Plano Amateur Radio Klub meetings for the year 2000.**

@ Harrington Library  
 Feb. 2-07-00 (Mon.)  
 Mar. 3-06-00 (Mon.)  
 Apr. 4-18-00 (Tue.)  
 May 5-08-00 (Mon.)  
 June 6-12-00 (Mon.)  
 July 7-18-00 (Tue.)  
 Aug. 8-15-00 (Tue.)  
 Sept. 9-11-00 (Mon.)  
 Oct. 10-09-00 (Mon.)  
 Nov. 11-21-00 (Tue.)  
 Dec. 12-19-00 (Tue.)

## Pure Larsony



*"He was sent here for not paying his P.A.R.K. dues on time!"*

## Upcoming No-Code Tech Classes

From: Jonathan Sennetti

The Nortel Amateur Radio Club will be offering a No-Code Technician Class video course for anyone interested in obtaining their first FCC Amateur Radio license. This is a 5 week course that meets twice a week to watch a one-hour video, and the licensing exam will be given on the last day. The cost of the course is \$30, which includes the "Now You're Talking" handbook, several practice exams and other course material, and membership dues to the Nortel ARC for Nortel employees (although you do not have to be a Nortel employee to take the course). All classes will be held at the main Nortel building at 2201 Lakeside Blvd. The class schedule is as follows:

**Monday**, Feb. 14, 5:30 - 6:30pm, room D2S-V25 Unit 1-2: Magic of Radio, Types of Emissions

**Wednesday**, Feb. 16, 5:30 - 6:30pm, room D2S-V25 Unit 3: Electrical Principles

**Monday**, Feb. 21, 5:30 - 6:30pm, room D2S-V25 Unit 4-5: Practical Electronics, Operating Considerations

**Wednesday**, Feb. 23, 5:30 - 6:30pm, room D2S-V25 Unit 6-7: Antennas & Feed Lines, Repeaters

**Monday**, Feb. 28, 5:30 - 6:30pm, room D2S-V25 Unit 8-9a: Safety Practices, RF Radiation Safety Part 1

**Wednesday**, Mar. 1, 5:30 - 6:30pm, room D2S-V25 Unit 9b: RF Radiation Safety Part 2

**Monday**, Mar. 6, 5:30 - 6:30pm, room D2S-V25 Unit 10: FCC Regulations

**Wednesday**, Mar. 8, 5:30 - 6:30pm, room D2S-V25 Unit 11-12: Frequency Privileges, Repeater, RTTY, Packet Rules

**Monday**, Mar. 13, 5:30 - 6:30pm, room D2S-V25 Practice Test Session and Station Tour

**Wednesday**, Mar. 15, 5:30pm, room D2S-Q26 FCC Test

The VE exam session being offered on March 15th is open to anyone wishing to take any Amateur licensing exam

elements (Technician, General, Advanced, and Extra), however you must pre-register. To sign-up for the No-Code Technician video course, please contact Judi Jaksa at (972) 684-5883 or by emailing [jjaksa@nortelnetworks.com](mailto:jjaksa@nortelnetworks.com). If you are not interested in taking the course, but want to take an exam on March 15th, please pre-register with Judi.

Feel free to contact me if you have any questions. Jonathan Sennetti, K5VX  
Nortel ARC Communications Director

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

January 10, 2000

The regularly monthly meeting of the Plano Amateur Radio Club was called to order by Susie Hegg, PARK Activities Director in the absence of Bill Drake, PARK President. The meeting was attended by 14 members and 2 visitors per the sign-in sheets.

The Secretary's Report was approved as printed in the newsletter. At this time, mention was made of club dues being due this month, with a cutoff date, for the newsletter, of March.

Bruce Dingman gave the treasurer's report and the motion was made and passed to accept the report. Bruce indicated that we had visitors this evening, so we took this opportunity to let them introduce themselves, and in turn, everyone introduced themselves to our guests.

A short break was taken for refreshments and an opportunity to talk with our guests.

At this time, Nancy Rygwalski, KD5IFG (XYL of Dave, KD5EWT), and Tom Yenny, WB8LOL (former member), were accepted as members. We heartily welcome Nancy and Tom.

Bill Fell, Communications Director, indicated all was well with the 2m repeater.

At this time, Bill Swan, our District Emergency Coordinator, was asked to update us on the Y2K Watch in Collin County. A total of 33 volunteers participated from fire stations, the EOC at Plano, Allen, Collin County in McKinney and other county locations. Bill conducted the

formal net from 9:30 to about 2:45am. Special thanks to the coordinators: N5BYL for city of Plano, Bill Fell for Collin County, Wayne WB5TX for city of Allen and Shel N5CAE for Plano Medical Center. Bill said that the city officials appreciated our group's efforts. Bill was most delighted by the youngest participant, 11 year old Charlie, KD5IUP who demonstrated excellent operating skills. Discussion followed as to the possibility of publicity on our Y2K effort. Bill also noted that a Skywarn school will be held on Thursday January 20th at the Plano City Hall Counsel Chambers. This is the 23rd year that Collin County has been conducting the school. Collin County ARES net will celebrate it's 25th year this March! Bill announced that Joe K5UPN of Tyler is resigning as SEC for North Texas. No immediate replacement has been named. Bill indicated that an on-site training session was being planned. Bill added that he has been inquiring about the upcoming major national bicycling time trials coming up next year, and wanted to know if we had interest in participating, if we could have that opportunity. A definite "yes" was his answer. He plans to follow up on it.

He also indicated that the city was happy with the antenna ordinance and that it was very effective.

Bill Fell KK5PB indicated that the Meals on Wheels was conducted at Thanksgiving and Christmas with great success.

Susie commended Dan (W8EHS) for getting the January newsletter out so far ahead of time.

Activities: Susie indicated that the Saturday morning breakfast at 6:30 at Parker Station has been well attended. The Good News net at 8pm on Thursdays needs net operators and more participants. Susie said to start thinking about Field Day, and mentioned that elections are coming up in April for certain board positions, so now is the time to be thinking about these events.

Personal announcements: Wife of Richard KB5YBQ is undergoing additional surgery. Also Bill Simpson N5YA is scheduled for surgery. Every wish to both for speedy recoveries.

Restructuring: Several expressed happiness with the new FCC restructuring. Susie said she planned to go for her extra! (Note: She passed it. Congratulations!!!) It was noted that you can find pool question at

the ARRL web site - [www.arrl.org](http://www.arrl.org). A discussion was held about using this opportunity to also attract new hams.

John Sanders AB5ZR, one of our VE's, informed the members that he will be conducting a 5wpm code class for those that would like to participate. It is definitely a go, and John will let us know the exact time and location.

Bill Swan expressed his concern that the attraction of the internet makes the code and ham radio a less viable way of

communication now, and how do we overcome this. At this time, Ben Crain, KD7CYY, was submitted for membership. We are delighted to welcome Ben to our membership. Meeting adjourned, and everyone went home happy!

Clarence Sebesta K5YO - PARK Secretary [k5yo@arrl.net](mailto:k5yo@arrl.net) 972-867-2691

(Note: Special thanks to Susie who helped prepare the minutes this month by filling in where the tape recorder did not record.)

## ARRL Seeks Partial Reconsideration of Restructuring R&O

The ARRL will seek partial reconsideration on two points in the Amateur Radio license restructuring plan announced by the FCC December 30. Both points involve the way the plan deals with Technician-class licensees. The new FCC rules go into effect April 15.

The League will ask the FCC to continue to maintain records that indicate whether a Technician licensee has passed a Morse code exam to earn Novice/Tech Plus HF privileges. Under the current system, the license class of Technicians is designated by a "T" in the FCC's amateur database, and of Tech Plus licensees by a "P." Under the FCC's restructuring plan, Technician and Tech Plus licensees will all be known simply as "Technician." The ARRL asserts the change will eliminate any easy way to tell which licensees have passed the Morse code exam and which have not.

"We're going to try to persuade the FCC that it made a drastic error in deciding to change all those Ps back to Ts in the database," said ARRL Executive Vice President David Sumner, K1ZZ.

The FCC has said that it would be up to Technician licensees, if asked, to prove that they have successfully passed the 5 WPM code test. The ARRL plans to ask the FCC to stipulate that any amateur who provides proof of having passed an FCC-recognized Morse code exam prior to April 15 would be entitled to receive credit for the Morse code exam element when applying for future upgrades. The FCC has indicated to the ARRL that after April 15, code credit for Technician applicants passing the 5 WPM test would not survive beyond the 365-day term of a Certificate of Successful Completion of Examination—or CSCE.

Under both the present and new rules, anyone who held a Technician license before February 14, 1991, has permanent credit for the Morse code element, but others do not.

The ARRL Board of Directors approved a motion to file the Petition for Partial Reconsideration at its January 22 meeting in Memphis.

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## Phase 3d Gets Its First Taste Of Flight

After a circuitous land and air journey, AMSAT's Phase 3D satellite now is at the European Spaceport in Kourou, French Guiana. The next-generation Amateur Radio satellite is expected to be launched from Kourou later this year. Meanwhile, it will be stored there while it awaits the next-available Ariane 5 launch that all hope will put it successfully into Earth orbit.

After obtaining the necessary governmental shipping clearances and being trucked from the Phase 3D Integration Lab in Orlando, Florida, to Atlanta, Georgia, Phase 3D took off in the cargo hold of an Air France 767 January 17. To get to the launch site—near the equator on the Atlantic Coast of South America—Phase 3D first stopped over briefly in Paris. From there, it was airlifted successfully to French Guiana's capital city, Cayenne, then transported overland to Kourou.

Phase 3D Operations Manager Peter Guelzow, DB2OS, says the tab for the trip ran about \$20,000. The reason for the roundabout trek from Orlando to Kourou, he explained, was the lack of direct flights to French Guiana by planes large enough to accommodate the P3D payloads.

AMSAT News Service reported this week that Phase 3D will be stored in its container, housed in an air-conditioned integration building at the launch complex until launch preparations commence.

A launch contract accepting Phase 3D as a payload for the first suitable Ariane 5 launch vehicle was signed last October. Phase 3D is expected to be among the first secondary payloads to hitchhike aboard an Ariane 5 rocket. There's no word on a specific date for P3D to go into space. Given the success of the last Ariane 5 launch, Guelzow says the chances are "pretty good" for an early launch opportunity, but he has ruled out any chance of a launch aboard Ariane 505 in mid-March. "Arianespace is doing its best to accommodate us soon after AR505 [Ariane 505]," Guelzow said in a posting on the AMSAT-NA Web site (<http://www.amsat.org/>). "Waiting is all what we can do now."

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## Mini-bios On Qrz.com

QRZ.com says it now has more than 14,000 mini-biographies of Amateur Radio operators on-line along with its call sign database, with dozens of new listings arriving daily. QRZ.com says it is now possible to instantly search through the entire collection of biographies to find other hams with similar interests, backgrounds or other hobbies. Any combination of keywords may be searched. Check it out at <http://www.qrz.com/biosearch.html>

[QRZ.com/FredLloyd,AA7BQ](http://QRZ.com/FredLloyd,AA7BQ)

## Amateur Radio Satellite Packages Rocket Into Space



An Air Force Minotaur rocket lifted off right on schedule January 26 from the new California Commercial Spaceport at Vandenberg Air Force Base. Three Amateur Radio satellite packages were aboard. Two of the satellites already have been deployed and are said to be working. A third amateur picosat package will be deployed over the weekend.

The primary payload is the US Air Force Academy's Falconsat. JAWSAT—Joint Air Force-Weber State University Satellite—served as a bus for several deployable payloads and the Plasma Experiment Satellite Test experiment—PEST. The telemetry stream from JAWSAT, including data from PEST, will be transmitted on Amateur Radio frequencies. Amateur Radio operators have been invited to contribute to the program by recording the downlinked data. Data from PEST will require using either a G3RUH modem or a GMSK modem. Data rates should be as high as 38.4 kb/s. Data will be transmitted on 437.175 MHz or 2403.2 MHz. NASA says it will publish instructions for sending in data so the PEST team can use it.

Deployable payloads aboard JAWSAT are Stanford University's Orbiting Picosat Automatic Launcher—or OPAL; Arizona State University's ASUSat, and the Air Force Research Lab's Optical Calibration Sphere.

"It was a spectacular sight, since the sky was clear and the visibility almost unlimited," said Eric Lemmon, WB6FLY.

"I was able to view the first two burns without binoculars, and it was an impressive sight!

Hank Heidt, N4AFL, of the StenSat team said today that both JAWSAT and ASUSat appear to be working perfectly at this time, with telemetry indicating that all systems are reporting nominal performance. StenSat, which is a satellite within another satellite—OPAL—is set to be put into space this weekend, Heidt said.

ARRL staffer Steve Ford, WB8IMY, says he was able to watch the Webcast of the launch at home. Unlike the seemingly languid shuttle launches, Ford says, the rocket "went screaming skyward immediately and was lost to sight within less than a minute."

ASUSat and JAWSAT have Amateur Radio capability, but the tiny, eight-ounce StenSat is strictly a ham satellite—designed by hams, for hams. It was developed by a group of amateur enthusiasts in the Washington, DC, area as part of Stanford University's OPAL project.

StenSat will operate as a single-channel Mode J FM voice repeater. The uplink frequency will be 145.84 MHz; the downlink will be 436.625 MHz. StenSat will periodically transmit 1200 baud AX.25 for telemetry. Additionally, amateur radio operators will be able to "ping" the satellite by transmitting a six-digit DTMF command to the receiver uplink. More information on StenSat is available at <http://users.erols.com/hheidt/>.

ASUSat will contain amateur packet hardware and a 2-meter/70-cm FM voice repeater. ASUSat1 is an ASU NASA Space Grant project and Arizona State University's first student-designed satellite. Information on ASUSat is available at <http://nasa.asu.edu/asusat/>.

## Easily Heard Signals

de W5EHS

Hard to believe we are already done with the month of January 2000. Meeting dates are a bit scattered this year so be sure to pay attention the schedule on the front of the newsletter. I will try to keep it there every month.

Remember dues are due. Duh! You haven't noticed (ha!) Next issue may be your last if you don't get it sent in. You can always use the klub P.O. Box if you can't get to a meeting. That box IS checked before meeting times. See address on back cover of this issue.

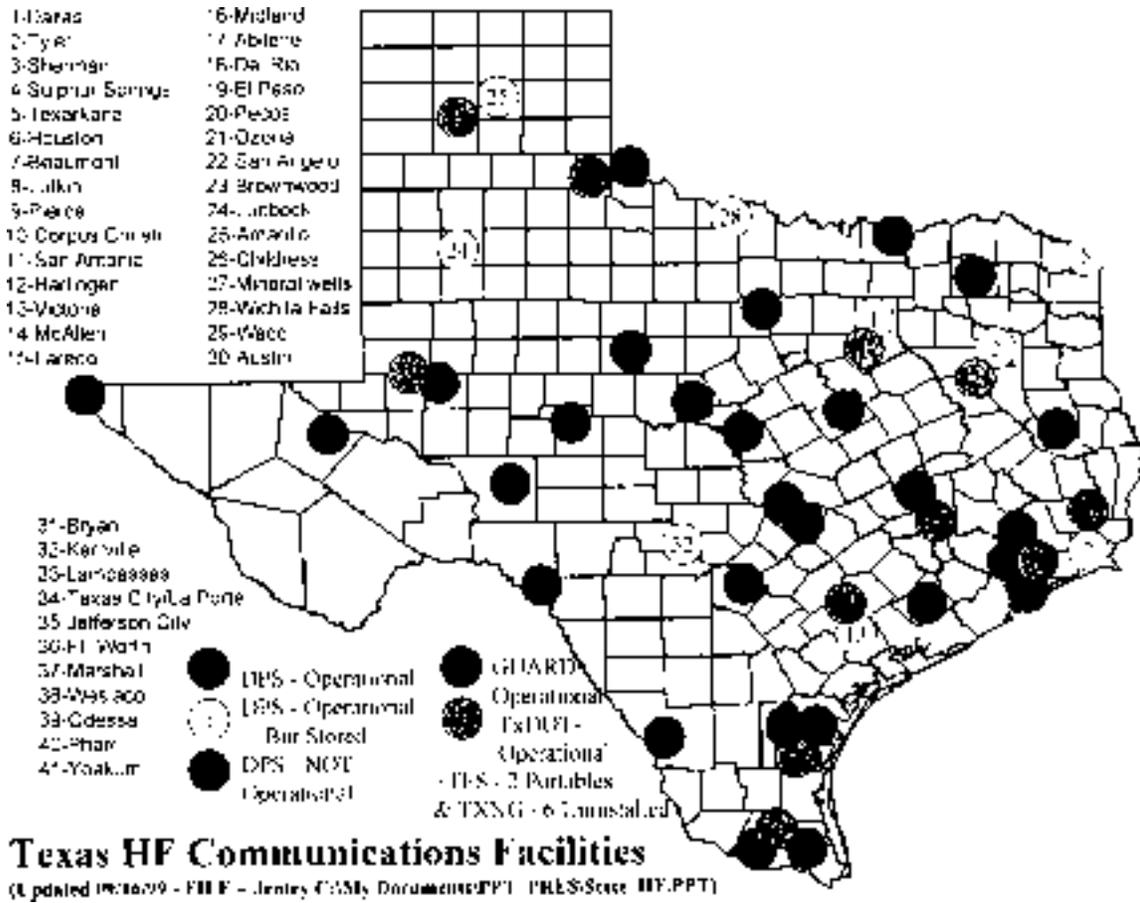
You may have noticed my call has changed. I have been paying close attention to the QRZ web site and saw my new call the day after it was processed. That is the day I am writing this column. Will have to go try out the new call soon. I expect the actual ticket to arrive next week.

It is too soon for me to change my ARRL email address. If you have anything to send me, use [w8ehs@arrl.net](mailto:w8ehs@arrl.net) for now. When that stops working, use [w5ehs@arrl.net](mailto:w5ehs@arrl.net). Of course [dkautz@tedatum.com](mailto:dkautz@tedatum.com) will always work.

I waited until my new call was certain. I just sent in my first membership to the QCWA (Quarter Century Wireless Association). (I like the logo!) I was first licensed in 1969. Always thought someone had to *invite* you to join. This is not the case. There is a space to put in a sponsor, but it isn't required. (Maybe it was at one time?) How many other members of PARK are also in the QCWA? Send me a note and I will put you in a list in the newsletter. There is a chapter in Dallas (#41) but I only recognized Jerrel Jones, W5TUU in some pictures I found of the group on the Internet. I am sure there are many more.

'Nuff for now. Will go see if I have any more material to finish off this newsletter and get it in the mail and on the Web.  
73





**February 06 - March 18, 2000**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
February 6 Collin County ARES Net 2100Hrs 147.18+	February 7 <b>PARK Meeting</b>	February 8	February 9	February 10 GoodNEWS Net 8:00PM 147.180+	February 11	February 12
February 13	February 14	February 15	February 16	February 17 GoodNEWS Net 8:00PM 147.180+	February 18	February 19
February 20 Collin County ARES Net 2100Hrs 147.18+	February 21	February 22	February 23	February 24 GoodNEWS Net 8:00PM 147.180+	February 25	February 26
February 27	February 28	February 29	March 1	March 2 GoodNEWS Net 8:00PM 147.180+	March 3	March 4
March 5 Collin County ARES Net 2100Hrs 147.18+	March 6 <b>PARK Meeting</b>	March 7	March 8	March 9 GoodNEWS Net 8:00PM 147.180+	March 10	March 11
March 12	March 13	March 14	March 15	March 16 GoodNEWS Net 8:00PM 147.180+	March 17	March 18

**BOARD OF DIRECTORS**

Office	Name	Home	Work
President	Bill Drake, KJ5ZV	972-964-5516	972-497-5255
Vice President	Jim Holman, KCSJGT	972-424-4282	
Secretary	Clarence Sebesta, K5YO	972-867-2691	
Treasurer	Bruce Dingman, N5BYL	972-442-4542	972-344-3872
Activities Director	Susie Hegg, KB5SSV	972-516-0989	214-855-0449
Communications	Bill Fell, KK5PB	972-424-0496	972-705-3611
Editor	Daniel Kautz, W5EHS	972-712-7741	972-323-4814
Public Relations	Sheldon Fisher, N5CAE	972-423-7543	972-422-2218
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	Martin Reynolds, N6LIF	972-727-6746	
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
Chairman	Jim Holman, KCSJGT	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, W5SBF	972-423-0202	
	Jim Popelarski, W5WN	972-618-5096	972-308-1419
	Bill Swan, K5MWC	972-596-9307	972-705-3441
	Deb Varian, KA5HQY	972-398-0407	
	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, W5EHS  
PARKING TICKET  
11314 Harbor Rd.  
Frisco, Texas 75035-7569**

**email: w5ehs@arri.net**

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 each month at 7:30 PM in the Harrington Library, 18th and Avenue P. See newsletter, web page or listen to repeaters for date. 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**



**Next Meeting: Monday,  
February 7, 2000 7:30PM  
Harrington Library**

