

In the DARC



Amateur Radio Club—www.w5fc.org

March, 2002

Musings from Antennaman

Mont O'Leary – K0YCN

Why do antennae radiate?

In last month's brief overview of near and far field radiation, I glossed over why antennae radiate energy with a footnote that this would be discussed in a future column so here we go...

First, a little historical perspective regarding several brilliant 18th and 19th century experimenters and scientists: Andre Ampere formulated his famous rule which states that an electric current flowing through a conductor produces a magnetic field around that inductor in a "right-hand" sense. That is, if you make a fist with your right hand and have your thumb pointing in the direction of current flow your fingers indicate the rotational direction of the magnetic field about the conductor. It was Michael Faraday who discovered that a varying magnetic field would produce a varying current in a nearby inductor and eventually formalized this in what became known as Faraday's Law. Finally, perhaps the greatest theoretician of the 19th century, James Clerk Maxwell recognized the implications of these two disparate circuit theory laws and formulated a theory of electromagnetism that he expressed in his famous field equations:

$$\nabla \times \mathbf{E} = -\mu \frac{\partial \mathbf{H}}{\partial \tau}$$
$$\nabla \times \mathbf{H} = \sigma \mathbf{E} + \epsilon \frac{\partial \mathbf{E}}{\partial \tau}$$

Maxwell's first equation evolves from a generalization of Faraday's Law—from the realm of circuit theory to time domain field theory. It relates the space-rate of change of the electric field to the time-rate of change of the magnetic field. It is Maxwell's second equation, a generalization of Ampere's rule, that is more interesting in its implications as it introduces the concept of a time varying electric flux or *displacement current** in free space. Maxwell deduced that current must

be continuous, in the same sense that magnetic flux is continuous. This breakthrough provided the basis of his unified electromagnetic theory.

The upshot of these two brilliantly derived and yet conceptually straightforward vector equations is that electromagnetic radiation must exist. The first equation stipulates that when an alternating current flows through a conductor an alternating magnetic field will be produced. The second equation stipulates that this alternating magnetic field in turn creates a new alternating electric field with an alternating displacement current. This displacement current creates another magnetic field which creates another electric field, *ad infinitum*. Because these fields are created at right angles to each other each pair is a little further from the previous pair in something of a stair-step pattern where each step is perpendicular to the previous one. Thus, the electromagnetic field is propagated through space. Antennae radiate because they must!

NB: It wasn't until several years after Maxwell died in 1879 that Heinrich Hertz first demonstrated electromagnetic propagation thus verifying that Maxwell's unification of electricity and magnetism was correct.

*More on displacement current in a future column.



HAPPY ST. PATRICK'S
DAY

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The Dallas Amateur Radio Club welcomes all who are interested in Amateur Radio be they prospective Amateurs or Amateurs of any License Class in becoming members of our organization

March Meeting
Wednesday, March 6, 2002
7:00 PM
Talk-in on the 146.88 repeater

Spring Creek BBQ on Midway at Beltway Ct. (5 minutes North of LBJ)

W5FC Repeaters
146.28/146.88 MHz
223.28/224.88 MHz
447.425/442.425 MHz

Dallas Amateur Radio Club

Founded 1914

214-691-2888

Officers

President

N. T. "Len" Carlson, K4IWL, (972) 519-0521

Vice-President

Colin Buckup, N5GG 817-291-1951

Treasurer

Don Murray, W9VE 214-349-2896

Secretary

Bill Chapman, WB5DX

Directors

John Cotton, K5SN

To Be Filled

Johnny Davis, K5JD, (972) 231-9820

Bernie Parker, K5BP

Larry Melby, KA5TXL

Karl Meyer, N5OUI, (972) 583-6073

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Colin Buckup, N5GG 817-291-1951

Emergency Officer

Johnny Davis, K5JD, (972) 231-9820

Property

Bud Johnson, WI5G, (972) 231-4250

Public Service

Jim Galloway, N5MDI, (214) 280-8931

Programs

Tom Reese, KD5IPJ

Trustee/W5FC

Larry Herring, WR3J, (214) 350-9580

Technical Officer

Bernie Parker, K5BP

Send any information, articles, and pictures to :

N. T. "Len" Carlson, K4IWL, **Newsletter Chairman**

Susan Biggs, Newsletter Editor

e-mail: susiemm@earthlink.net

The Dallas Amateur Radio Club meets the first Wednesday of each month. Guests are welcome! **The Dallas Amateur Radio Club welcomes all who are interested in Amateur Radio be they prospective Amateurs or Amateurs of any License Class in becoming members of our organization.** Annual dues are \$25. The Dallas Amateur Radio Club is a non-profit, American Radio Relay League Affiliated Special Service Organization. Contributions to In the DARC are always welcome and may be submitted to the editor by mail, fax or e-mail. Letters to the Editor will be printed as space permits. DARC accepts no responsibility for the accuracy of the contents of this newsletter. Reproduction is permitted provided that this newsletter and the original source are credited.

Minutes of the Dallas Amateur Radio Club

February 6, 2002

The meeting was called to order at 7:04 PM on February 6, 2002, at the Spring Creek Café. Colin Buckup, N5GG, called the meeting to order. Len Carlson was out of town, so business was conducted by the Vice President. There were a total of 33 people at the meeting. There were no visitors this month. There were no new upgrades or new licenses this month.

The Vice President made a few comments on behalf of the President. The club will look into the possibility of acquiring a projector screen for the presentations. The problems with the webpage were finally solved. Colin and Len will meet to discuss a new format and update the pages.

A Secretary is still needed for the club. Volunteers are welcome; please contact Len for the details. Colin is still acting as secretary until the position is filled. Mont was nominated to be the Outdoor Fleamarket Chairman for 2002 Hamcom.

For those members interested in coming to the Board Meeting, it will be held on February 13th at 7:00 PM at the Spring Creek BBQ. All members are welcome.

Committee Reports

Treasurers report: Don discussed the status of the club, including several donations made last month. A printed copy of the current treasurer's report will be supplied by Don to Len. *Membership:* Don Murray, W9VE, received several forms with renewals as well as new member applications. He read all the names and all applicants were approved by the present members.

Repeaters: All 3 repeaters are up and running. *Public Service:* No reports this month. *Van:* The Van status is unclear at this time. Larry and/or Len will contact Jim Haynie to find out the best way to proceed. *Activity:* New committee, no reports. *Programs:* No reports. *Newsletter:* New committee, no reports.

Ham-Com Flea Market: Mont gave the outdoor fleamarket report and also mentioned that HamCom is going to be held on June 7th and 8th. Table cost will be \$20. Visit <http://www.hamcom.org> for more info on HamCom. *Field Day:* No reports.

Section Manager: Larry informed the club that Jim Haynie, W5JBP, was reelected as ARRL President.

Old Business: The club is still looking for a Secretary. Since the board didn't find a person to take the spot, the floor was opened for nominations. No floor nominations were made. The position is still open and volunteers are welcome, please contact Len.

The club is taking nominations for the annual Griffith award. We are unsure if it will be awarded this year. Members should contact the Board for nominations.

New Business: An announcement was made regarding the upcoming meeting of the North Texas Microwave Society, which will be in Plano (Nortel Buildings) on Saturday February 9th. Check the NTMS.org web page for details.

Meeting Minutes, continued on Page 3

Advertise **IN THE DARC**, the Newsletter read by more than 1000 Hams throughout the Metroplex and around Texas.

Rates are:

Full page (10 h by 8 w) - \$60

Quarter page (5 h by 4 w) - \$20

Half page (5h by 8 w) - \$30

Business card (4 h by 2 w) - \$10

Meeting Minutes, continued from Page 2

Program: Joe Isabella, N3JI, gave a very interesting presentation about military communications done by the National Guard Units. Thanks Joe!

Door Prize Drawing: No prizes were distributed this time.

The meeting was adjourned at 8:15 PM. The next meeting will be held again at the Spring Creek BBQ on Wednesday March 6th at 7:00PM.

ARRL Continues to Challenge FCC over Part 15 Authority

The ARRL again has challenged the limits of the FCC's authority to permit unlicensed operation of radio devices that may interfere with licensed services. Opening another front in its campaign, the League has filed a Petition for Reconsideration in response to an FCC Report & Order to allow fixed point-to-point transmitters in the 24.05 to 24.25 GHz band to operate at field strengths 10 times the level currently permitted under Part 15. The ARRL has asked the FCC to reconsider and reverse a portion of its Order that addresses the FCC's jurisdiction to authorize unlicensed operation of RF devices that pose significant interference potential to licensed services.

"The Commission has expanded the concept of unlicensed devices far beyond what its original concept allowed," the ARRL argues, "and far beyond what is permissible pursuant to Section 301" of the Communications Act of 1934. Amateur Radio is primary at 24.0 to 24.05 GHz and secondary on the rest of the band. The AO-40 satellite includes beacon, digital and analog transmitters in the vicinity of 24.048 GHz.

The ARRL recently raised similar arguments to combat a proposal by SAVI Technology—in ET Docket 01-278 and RM-9375 and RM-10051—to permit unlicensed RF identification tags to operate as unlicensed Part 15 devices between 425 and 435 MHz. In that case, the ARRL said the FCC lacks authority to permit the RFIDs to operate under Part 15 at the proposed field strengths and duty cycles.

In the 24-GHz proceeding, the FCC first proposed permitting the Part 15 devices at the elevated field strengths in 1998, in response to a Petition for Rule Making from Sierra Digital Communications Inc. The

ARRL, continued on Page 4

Minutes of the DARC Board of Directors February 13, 2002

The meeting was called to order at 7:08 PM on 2/13/02 at the Spring Creek Café. The Board members present were Len Carlson, Colin Buckup, Don Murray, Karl Meyer, Larry Melby, Johnny Davis, John Cotton, and Bernie Parker. Peter Hicks was absent.

Visitors attending were Rick, K4TTT; and Paul, K5GTV.

Nomination of a secretary candidate: Bill Chapman, WB5DX, volunteered for the position of DARC Secretary. Board members welcomed the idea and his name will be submitted to the club members for voting during the next regular meeting.

Director's position open: Pete Hicks has resigned as a director. The position is open and the board will nominate a new candidate to be submitted to the members.

Griffith Memorial Fund: The Board voted on possible candidates for the award: Carolyn/Bob Swan, Jim Haynie, Maury Guzick, and Larry Herring. A selection was made and the presentation will be made at the April meeting (Old Timer's night).

Equipment Donation: Don Murray gave a report on test equipment that was donated to the club. Don estimates that no individual piece of equipment is worth more than \$20. The lot consists of several boatanchors and old stuff. Equipment worth selling will be taken and sold at Belton. The owner would like the club to pick up all pieces.

Treasurer's report:

Membership report: 10 new members were voted in during the February meeting. The club currently has 171 members, compared to 134 in October.

Budget request: Len has asked Don to provide an income/expense report covering the past three years so that the Len can recommend a budget for the coming year. One goal of this is to determine if monies can be set aside for various activities and initiatives to benefit the membership. Don mentioned that one important expenditure goes into storage space rent (\$813). This is a strong candidate to get trimmed.

Bonding: The Board is looking into this issue and will make a decision during the next board meeting whether to eliminate this expense or not. It's currently required, according to the Bylaws, that the Treasurer be bonded for \$5k. This costs the club \$100/year to protect a treasury of \$2K or less.

A motion was made, seconded and approved to reimburse Len for the expenses he incurred with the mailing of the January newsletter.

Van status: Jim Haynie informed us that the van is up and running and ready for a test drive. Larry will pickup the truck next Wednesday and check it out.

Repeater status: There was a discussion involving the moving the cabinet per Jay Miller. Johnny and Len will check out the issue and put together a "removal team" for the old cabinet.

Newsletter publication: Publication/Content Progress: There are articles being written although there are some problems with the electronic formats of files. Len and Susie worked out the process/file format. Don will e-mail the list of new members to Len so that the next "featured member" will be a new member.

Distribution (concerns): The paper copies of the newsletter that are needed for those without Internet access cost the club about \$0.93 per copy. Len is investigating ways of handling the issue. After talking to a number of members a lot of them say that they do not read the electronic version but would read the paper newsletter. Len will present a plan to the board very soon on ways of providing a newsletter that everybody reads.

Web Site: The club has now full access to the web site. The webmasters are cleaning up the unnecessary files.

Classes for Hams: It is unknown if Gayland will be conducting classes at the elementary school. Larry will look into the issue of conducting DARC classes.

Committees: This is an opportunity to get more involved in your club. Each committee will have only one task to do for the entire year. This should not be difficult. Len would like members to volunteer for the open positions.

Apointments. Programs—Len is approaching a member to head this committee. Activities—this position is still open. Field Day—this position is still open. HamCom—Mont was appointed for this committee.

SMU ARC: Len appointed John Cotton to be the liaison of the DARC with the SMU ARC. Len will meet with Tony Klinkert of the SMU Club before the DARC March meeting.

The meeting was adjourned at 8:12 PM. The next board meeting will be held again at the Spring Creek Café on Wednesday March 13th at 7:00PM.

Join the Dallas Amateur Radio Club

Become a member of the Dallas Amateur Radio Club today. Fill out this application and mail it with our check to the address below or bring it to the next meeting. You can be a member the same night! During the break between the business meeting and the program, all applications are reviewed by the Membership Committee and voted on before the program.

Membership Fees are:

Full (Ham license—has vote)	\$25.00
Life (12 times above rate)	\$300.00 (65+ is \$150.00, attach proof of age)
Senior (65 or older)	\$15.00
Family (must have one of the above)	\$5.00
Associate (no license, no vote)	\$25.00
Students (must be full time 5 of last 12 months)	\$15.00

Send your application to:
 Dallas Amateur Radio Club
 Post Office Box 744266
 Dallas, Texas 75374-4266

Name _____

Address _____

City _____ State _____ Zip _____

Phone (Residential) _____ Phone (Business) _____

E-mail _____ Call Sign _____

Class of License _____ Date First Licensed _____

ARRL Member? Yes _____ No _____

Occupation _____

Hobbies or Interests _____

Comments: What are your preferred Ham activities? What types of programs would you like to see at Club meetings? _____

ARRL, continued from Page 3

FCC released its Order in the three-year-old proceeding, ET Docket 98-156, on December 11.

In its Order, the FCC took issue with ARRL's assertion that the FCC should acknowledge that Part 15 devices are only allowed under the Communications Act when they pose no interference potential to licensed services. Calling the ARRL interpretation "overly conservative," the FCC said Part 15 rules appropriately provide for unlicensed devices to "share spectrum with licensed services" and provide adequate protection to licensed services if interference does occur.

In its Petition for Reconsideration, filed February 13, the ARRL said the issue is not whether the FCC has jurisdiction to enact reasonable regulations

concerning RF devices. "Rather," the League said, "it is whether or not a device which has substantial interference potential to licensed radio services must be licensed." The ARRL said the limit of the FCC's jurisdiction to permit unlicensed operation of RF devices "is reached when it is concluded that the operation of such devices has a substantial interference potential to licensed services."

The FCC also had disagreed with ARRL that permitting Part 15 devices at the higher field strengths—up to 2500 mV per meter—would increase the risk of interference to amateur operations at 24.05 to 24.25 GHz. The Commission did impose a requirement to use directional antennas. Part 15 field disturbance sensors have operated in the band at 2500 mV/m field strengths "for years with no adverse affects to other users in the band, including amateur operations," the FCC added.

Statewide ARES Net

Larry Melby, KA5TXL

I would like to take this opportunity to encourage everyone with the capabilities to check into the state wide ARES net. You do need a General class or higher License, but you don't need to be a RACES or ARES member to participate. The Net meets every Monday evening on 3873 kHz. at 7:30 PM local time. This follows the Texas Traffic Net. If you don't have a resonant antenna for 80 meters here is a simple formula for a 1/2 wave dipole for the net. 468 divided by Frequency will give you the distance in feet for a 1/2 wave dipole. So for this net you would 468 by 3.873 kHz for a length of 120.83 feet. Then divide that by two and each leg of the dipole would be 60.41 feet.

Hope to see you there
 73 de KA5TXL

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Amateur Radio Service Website Redesigned

New design provides faster access to licensing and filing information

As part of the continuing effort to enhance web-based services for the public, the FCC's Wireless Telecommunications Bureau announces the creation of a new layout for the Amateur Radio Service website at <http://wireless.fcc.gov/services/amateur>. The retooled structure breaks out topics more clearly, emphasizes the most frequently sought information, and uses distinct sectioning and summaries to help users scan the site more quickly.

Among the information most requested by amateur radio operators is licensing policies and procedures and instructions on how to perform common filing tasks. These topics now reside in two new sections prominent on the home page.

Under "Licensing", users will now find direct links to information on:

- The Licensing Process
- Exams and Exam Fees
- Volunteer Examiners (VEs)
- Volunteer Examiner Coordinators (VECs)

Under "Common Filing Tasks", users can link to specific help on just the single tasks they may need to perform, including

- Changing an Address
- Checking an Application Status
- Obtaining a Vanity Call Sign
- Renewing a License
- Replacing a License

The new design clusters Public Notices, News Releases, and other officially released documents affecting amateur radio operators on the right side of the page. On the left side of the page, the new navigation reflects restructured and easier-to-read information on the Amateur Radio Service, the Sequential Call Sign System, Vanity Call Signs, and Communications Policies.

The new design is a part of the Wireless Telecommunications Bureau's continuing effort to meet the needs of the Amateur Radio Service operators as identified in focus groups, letters, phone calls, and e-mails.

Licensees who have bookmarked the Amateur Radio Service website should note that the URL has changed to <http://wireless.fcc.gov/services/amateur>. The site launched on Wednesday, February 20, 2002.

For questions or comments concerning the website, contact Bobby Brown at (202)418-0539 (e-mail: babrown@fcc.gov) or Jennifer Bush at (202)418-0586 (e-mail: jbush@fcc.gov).

For information concerning the Amateur Radio Services, call William T. Cross at (202)418-0680 (e-mail: bcross@fcc.gov).

2002 Public Service Happenings

Courtesy of John Galvin, N5TIM, e-mail n5tim@arrl.net.

April 6, 2001-Mesquite Rodeo Parade—The Ham Association of Mesquite (HAM) finds itself in need of radio operators. On Saturday, April 6th, the 47th annual Mesquite Rodeo Parade is scheduled. We can also use those folks that have an interest in amateur radio and do not yet have their licenses or are just interested in helping with their time. On April 6th we gather between 8:00 AM to 8:30 AM at the corner of Newsom and Carver in Mesquite for our assignments. Our part is usually completed between 10:30 and 11:00 AM. Any interested folks can sign-up by sending an e-mail to Rob Ashmore at rashmore@swbell.net or Wayne Baird, AA5NE, wbaa5ne@swbell.net. On the HAM Tuesday on-air net, open to all licensed amateurs, we will take names of those that can volunteer a few hours of their time. The net is on Tuesday evening on the HAM repeater at 145.310 (-) with a PL of 162.2 at 8:00 AM. This repeater will be used for talk-in on Saturday morning.

April 7, 2002-MS Walks—Sunday MS Walk in Dallas and Plano, Texas. To volunteer for the **Dallas** event, contact John Galvin, N5TIM, n5tim@arrl.net or use the [Easy Sign-up Form](#). To volunteer for the **Plano** walk, contact Jonathan Sennetti, K5VX, contact Jonathan Sennetti, K5VX at k5vx@arrl.net or use the [Easy Sign-up Form](#) to sign-up.

April 13, 2002-MS Walks—MS Walk in Denton and Waco, Texas. For information on this event, contact John Galvin, N5TIM, n5tim@arrl.net. We still need amateur radio coordinators for these events.

April 27, 2002-WalkAmerica 2002—March of Dimes walk at White Rock Lake, Dallas, Texas. Would like to have a ham photographer work with us this year. To volunteer for this event, contact John Galvin, N5TIM, at n5tim@arrl.net or use the [Easy Sign-up Form](#).

May 4 & 5, 2002—The Bennigan's MS 150—MS Society's annual Red River Challenge 150 mile bike ride. James Marple, KB5ZDG, can be contacted at jmarple@dhc.net to sign-up and/or get additional information. [Easy Sign-up Form](#) [MS150 Volunteer Information](#).

E-mail addresses for event coordinators.

Bob Jones, W5BJ - bobj1@airmail.net

Clay Orchard, KC5MXN - mcorch@juno.com

Bill Fell, KK5PB - kk5pb@arrl.net

Bob Bailey, N5ITN - n5itn@attbi.com

Pamela Green, W5PAM - stauros@onramp.net

John Sanders, AB5ZR - john.sanders@mci.com

Jim Galloway, N5MDI - jamesg@airmail.net

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James Marple, KB5ZDG - jmarple@dhc.net

Bob Ashmore, KA5SNM - rashmore@swbell.net

Jim Dye, N5JZ - N5jz@aol.com

Jonathan Sennetti, K5VX - sennetti@nortelnetworks.com

Amateur Antenna Bills Filed in Tennessee

Tennessee has become the latest state to consider Amateur Radio antenna legislation. Identical bills were filed January 31 in both houses of the 102nd Tennessee General Assembly that would incorporate the essence of the limited federal preemption known as PRB-1 into state law.

House Bill 2973 and Senate Bill 3058 would amend Tennessee law to require that municipalities regulating the placement, screening or height of radio antennas "reasonably accommodate amateur radio antennas" and impose only the "minimum requirements necessary" to meet legitimate local requirements. In addition, if the legislation is approved and signed by Gov Don Sundquist, municipalities in Tennessee would not be able to restrict the number of support structures for an Amateur Radio antenna.

The proposals would limit municipalities from imposing restrictions on Amateur

Tennessee, continued on Page

DARc Treasurer's Report for Month of February, 2002

Assets	Current Assets			2/21/02
		Checking/ Savings		
			Checking	
			General Fund	\$2,772.09
			Griffith Fund	247.57
			Repeater Fund	1,457.99
			Checking - Other	-104.04
			Total Checking	\$4,373.61
		Total Checking/ Savings, Other Current Assets		\$4,373.61
			Investments	
			Griffith Fund	\$5,000.00
			Principal	
			Griffith Gain/ Loss	86.41
			Total Investments	5,086.41
		Total Other Current Assets		5,086.41
	Total Current Assets			\$9,460.02
Total Assets				
Liabilities & Equity	Equity			
		Opening Balance Equity		\$3,693.44
		Retained Earnings		2,446.92
		Net Income		3,319.66
	Total Equity			9460.02
Total Liabilities & Equity				\$9,460.02

4056

Larry Melby

Yes, remember that number. It's the new way to help raise money for the DARC, and best of all, it doesn't require any additional effort by the members of the club. Here's all you have to do. Go to your neighborhood Tom Thumb and apply for your Reward Card. It's free and it takes only a couple of minutes to get. When you check out, simply give the cashier your Reward card and DARC's number, 4056! Then just use the card each and every time that you shop at Tom Thumb.

Tom Thumb will track the total sales each quarter for the club and make a donation to the club of up to 1%!

So sign up today and spend, spend, spend!

Tennessee, continued from Page

Radio antenna height according to a three-tier schedule. In rural areas with a population densities of 120 or fewer per square mile, the minimum regulatory height would be 200 feet; in areas where the population density exceeds 120 per square mile, the minimum regulatory height would be 140 feet on lots of an acre or larger and 75 feet on lots of less than one acre.

Municipalities still would be able to impose requirements "to meet clearly defined objectives relating to screening, placement, aesthetic, and health and safety factors with respect to the erection, maintenance and operation of amateur radio antennas." The proposed bills would grandfather amateur antennas already in place before the effective date of the legislation.

Both bills now are in committee. The full text of the proposed bills is available on the Tennessee General Assembly Web site <http://www.legislature.state.tn.us/bills/currentga/BILL/HB2973.pdf>.

Thirteen states have incorporated the essence of PRB-1 into their laws. A measure awaits the governor's signature in Wisconsin. New PRB-1 legislation or bills to expand existing PRB-1 laws are under consideration in at least three other states.

ARRL Letter, Vol. 21, No. 08 February 22, 2002

The President's Corner

By

N.T. "Len" Carlson, K4IWL

It's almost March already. How time flies. It seems like only yesterday that I was installed as President of the DARC and we started the rebuilding of the club.

The response to our programs and initiatives has certainly been very gratifying and we see it is a mandate from the membership to continue in the direction we are going.

I am still looking for an Activities Chairperson and a Field Day Chairperson. *Don't be afraid to volunteer.* My policy is that each person will have only one job to do and your entire focus being on that one task should be very easy and should not take a lot of your time. Believe me, as Vice President of the DARC for three years and holding down four chairmanships at the same time, it was very challenging to even accomplish one of the tasks successfully.

Accepting the challenge of a chairmanship will allow you to see more of the inner workings of the club, get involved with a large segment of the membership, and have the satisfaction of contributing value to the club which helps us to grow. If you accept this challenge you will not be in this all alone. We are all here to help you, advise you, and to steer you in the right (and sometimes the wrong) direction.

Think about it! Don't be afraid to come forward. Just ask me what it is I expect you to do and what's involved. It doesn't cost anything to ask and you just might want to accept the challenge.

In these tough times in our economy, jobs, or in my case, contracts are few and far between. The Telecom market has been quite dead and after having been living by "Working for Food," I finally as of Friday, Feb. 15, 2002, after almost 6-months out of work, have been interviewed and accepted for a contract with a company in the San Jose area of California. This is a 3- to 6-month gig, but I have to go to California to do the work. I am leaving Dallas on Feb. 22 for California, but will come back to Dallas every six weeks or so to check on my house and take care of other personal business. But not to worry, I will continue to manage the club as President via e-mail, the Internet, and the phone (pretty much the way we do it when I'm here in Dallas). The main difference will be that our Vice President, Colin, N5GG, will run the meetings. I will continue to handle the agendas, command decisions, and the initiatives that I started to help the club

grow. If anything comes up that needs on the spot assistance or action, I have a Board of some very talented specialists who will take care of these. I will be advised of the incidents and what action, if any, was taken. So, what am I saying? Nothing will visibly change. I plan to be back to personally conduct the annual "Old-Timer's Night" the first Wednesday in April.

Look for me on HF from California. You might have to look around 14.030 if you want to "talk" with me though. Oh yeah, check the APRS web sites and look for my K4IWL icon on the map.

73, Len



ARRL, continued from Page 4

In its Petition for Reconsideration, the ARRL reiterated earlier comments that the proposed power levels and antenna gain figures—33 dBi—were "entirely inappropriate for Part 15 unlicensed facilities." The proposal is tantamount to "a request that additional spectrum be allocated for fixed, point-to-point microwave applications" such as those licensed routinely under FCC's Part 101 rules, the League said.

The FCC "is incorrect in its assumption that it has unfettered jurisdiction" to authorize unlicensed devices regardless of their interference potential," the ARRL concluded. It asked the FCC to make no changes in Part 15 and to "review the rules adopted" by its Order "in view of the limits on its jurisdiction" raised by the ARRL.

ARRL Letter, Vol. 21, No. 08 February 22, 2002



**The deadline for
the April 2002,
issue of
In the DARC
is March 15, 2002**

Lone Missing Application Holding up Vanity System

And then there was one. The FCC indicates that a lone missing paper vanity call sign application filed last October is holding up the resumption of routine vanity processing. Yesterday, the FCC processed 33 vanity applications received last October 23 and 24. Today it plans to run another 41 applications received October 25 and 26. Processing remains stalled beyond that receipt date, however. FCC efforts, assisted by the ARRL, to contact the elusive applicant to have the individual resubmit a vanity application have proven difficult.

The FCC appears determined to hold off further processing until the remaining applicant is given an opportunity to resubmit an application and, thus, retain a place in the processing queue. No amateur vanity call signs have been granted since February 1, when applications received at the FCC October 22, 23 and 24 were processed. The FCC later rescinded vanity grants for October 23 and 24, however, after it realized that it needed further information for an October 23 application. Prior to late January, no vanity call signs had been issued since October 30.

The ARRL has estimated that some 2050 vanity applications now are in the FCC's processing pipeline—the majority of them filed electronically. The FCC's policy is to give equal processing weight to paper and electronic applications. Some two weeks' worth of October paper vanity applications apparently were mislaid after mail was sent off last fall for anthrax decontamination.

The FCC Wireless Telecommunications Bureau personnel at the FCC's Gettysburg, Pennsylvania, office used information gleaned from payment receipts to contact the known paper filers via e-mail or telephone to have them resubmit copies of their vanity applications. That effort—again with ARRL help—led to this week's vanity processing.

ARRL Bulletin 16, February 27, 2002

It is one of the beautiful compensations of this life that no one can sincerely try to help another without helping himself.

Charles Dudley Warner

<i>Sunday</i>	<i>Monday</i>	<i>Tuesday</i>	<i>Wednesday</i>	<i>Thursday</i>	<i>Friday</i>	<i>Saturday</i>
					1	2 12:30 PM OCWA Meeting (lunch at 11:30 AM)
3 7:15 AM OCWA Net - 3835 kHz 8:00 PM Dallas County RACES Net	4 Garland ARC Net	5 Irving ARC Net	6 7:00 PM DARC Meeting 7:45 PM Metroplex Amsat Net-147.14 ATV Net 144.34 Voice	7 8:00 PM AB51GATV Net - 2.4 GHz	8	9 9:00 AM DARC Test Session at Piedmont-Hawthorn Air Center
10 7:15 AM OCWA Net - 3835 kHz	11 Garland ARC Net Richardson Wireless Klub	12 Irving ARC Net Lake Area ARC Parker County Amateur Radio Club	13 7:45 PM Metroplex Amsat Net-147.14 DARC Board Meeting ATV Net 144.34 Voice	14 8:00 PM AB51GATV Net - 2.4 GHz	15 Arlington ARC	16 Fort Worth Sidewalk Sale-TANDY IARC Test Session
17 7:15 AM OCWA Net - 3835 kHz 8:00 PM Dallas County RACES Net 9:00 PM DARC Meeting on the Air after RACES Net	18 7:00 PM Dallas County REACT Garland ARC Net Hurst ARC	19 Irving ARC Net	20 7:45 PM Metroplex Amsat Net-147.14 ATV Net 144.34 Voice Test Session	21 8:00 PM AB51GATV Net - 2.4 GHz	22	23
24 7:15 AM OCWA Net - 3835 kHz	25 7:30 PM Denton County ARC 7:30 PM Garland ARC	26 Irving ARC Net	27 7:45 PM Metroplex Amsat Net-147.14 ATV Net 144.34 Voice	28 8:00 PM AB51GATV Net - 2.4 GHz	29	30
31 7:15 AM OCWA Net - 3835 kHz	March, 2002 Calendar of Events					



Dallas Amateur Radio Club
 Post Office Box 744266
 Dallas, Texas 75374-4266
 ADDRESS CORRECTION REQUESTED