



THE FEEDBACK



Volume 01 Issue 02

February 2001

THE AMATEUR RADIO NEWSLETTER

Laurel Amateur Radio Club, Inc.

P.O. Box 3039, Laurel, Maryland 20709-3039

<http://larcmd.org>

email: larc@larcmd.org

Meetings and Nets:

⇒ 1st, 3rd, 5th Wednesdays:

On-the-air Net at 8:30pm on 147.225+ PL156.7 (no tone required during nets)

⇒ 2nd Wednesday:

Informal/Social Gathering at 7:00pm – Tubby's Restaurant; Rt. 198, 1 mile West of I-95

⇒ 4th Wednesday:

Monthly Meeting at 7:30pm - The Woman's Club of Laurel, 384 Main Street, Laurel

⇒ Nightly:

Informal Net/Rag-Chew from 9-11pm on 147.540

Laurel Amateur Radio Club, Inc.

c/o Kevin Arber, W3DAD

PO Box 294

Savage, MD 20763



FIRST CLASS MAIL



Next Meeting:

Wednesday, February 21, 7:30pm

384 Main Street

Laurel, Maryland



THE LAUREL AMATEUR RADIO CLUB

Officers:

President:	Pud Reaver	W3YD	301-498-6293	w3yd@arrl.net
Vice-President:	Jim Cross	WI3N	301-725-6829	jcross3@juno.com
Secretary:	Ed Rummel	KB3DVC		erummel@worldnet.att.net
Treasurer:	John Menard	N3GXA	301-725-1641	n3gxa@arrl.net

Other LARC Positions and Contacts:

Immediate Past President:	John Menard	N3GXA	301-725-1641	n3gxa@arrl.net
FAR Representatives:	Dan Blasberg	KA8YPY	301-345-7381	blasberg@bellatlantic.net
Laurel VEC:	Bob Busch	WB3KXJ	301-317-7819	rbusch@erols.com
LARC VE Testing:	John Creel	WB3GXW	301-572-5124	wb3gxw@arrl.net
AutoCall Reporter:	Roger Davis	W3LM	301-776-6961	rldavis2@juno.com
T-MARC/D-MARC Rep:				
Public Information Officer:	Pud Reaver	W3YD	301-498-6293	w3yd@arrl.net
Youth Programs:	Mark Doore	K3RAM	301-572-2385	k3ram@arrl.net
Education and Training:	Pud Reaver	W3YD	301-498-6293	w3yd@arrl.net
Technical Specialist:	Kevin Arber	W3DAD	301-725-0038	w3dad@amsat.org
ARES/RACES Coordinators:	Jim Cross	WI3N	301-725-6829	jcross3@juno.com
Official Emergency Station:				
Official Bulletin Station:	John Creel	WB3GXW	301-572-5124	wb3gxw@arrl.net
Official Bulletin Station:	Pud Reaver	W3YD	301-498-6293	w3yd@arrl.net
Official Relay Station:	Pat Gormley	KK3F	301-864-4694	
Official Relay Station:	Pud Reaver	W3YD	301-498-6293	w3yd@arrl.net

LARC Special Interest Groups and Mentors:

Antennas	Kevin Arber	W3DAD	301-725-0038	w3dad@amsat.org
Packet Radio/APRS	Mark Doore	K3RAM	301-572-2385	k3ram@arrl.net
Repeaters	John Creel	WB3GXW	301-572-5124	wb3gxw@arrl.net
Satellite/EME				

ARRL Field Organization:

Atlantic Division Director:	Kay Craigie	WT3P	610-993-9623	wt3p@arrl.org
Atlantic Division Vice Director:	Bernie Fuller	N3EFN	814-763-1529	w3efn@arrl.org
MD/DC Section Manager:	Bill Howard	WB3V	410-551-6775	wb3v@erols.com
MD/DC Asst Section Manager:	Jerry Gavin	NU3D	410-761-1423	k2ilq@aol.com
MD/DC Emergency Coord:	Mike Carr	WA1QAA	410-799-0403	bamcc@erols.com
Affiliated Club Coordinator:	Tony Young	WA3YLO	301-262-1917	tonyy@juno.com
MDC Section Bulletin Manager	Al Brown	KZ3AB	301-490-3188	kz3ab@arrl.net

The Feedback is published monthly as the newsletter of the Laurel Amateur Radio Club, Inc.

Items to be published in *The Feedback* should be submitted by the second Wednesday of the month. Email submissions may be made to larc@larcmd.com

Permission is granted to reprint from this publication provided credit is given.

**Editor: Kevin Arber, W3DAD 301-725-0038 w3dad@amsat.org
 Publisher: John Creel, WB3GXW 301-572-5124 w3gxw@arrl.net**

Editor's Bit

Welcome to the February issue of FEEDBACK.

Deadlines for FEEDBACK are the second Wednesday, March 14.

FEEDBACK is still looking for input from club members. Think about contributing an item. Your experience with new equipment, or a technical or operational article would be welcome.

Many hams are using logging software these days. There are many programs, some of them dedicated to contesting or the QSO parties. Sometimes, however, QSOs that one would like to enter into a contest or submit for an award, are contained in a logging program database that does not format the entry properly. Reformatting the information on a text editor is an option if the editor handles columns. The text editor that comes with MS Windows, Notepad, does not. For many years I used a DOS text editor called QEDIT, but it is no longer available. About a year ago I found ULTRAEDIT-32 and purchased a copy. This editor handles columns and more. I was able to reformat my millenium DXCC award log application into the proper format for the ARRL. In addition, I have been able to reformat other log information so that I could import it into my master log QSO database. ULTRAEDIT is a programmers editor that handles hex editing and highlights syntax for HTML, C and CPP source. Check it out at www.ultraedit.com.

Work continues on recovery of the P3D/AO40 satellite. It is currently in an awkward position with respect to the sun (high solar angle) but that situation should improve as the sun changes its angle in the sky. Control stations are working on getting the spin rate down. The omni antennas do not seem to be working but the directional antennas are okay. For more info go to the AMSAT web site, www.amsat.org.

Kevin/W3DAD

President's Ramblings

We recently had a new ham join the club, but due to a glitch on the membership application, there was no room for CITY/STATE, and the person didn't volunteer that information. Fortunately, there is a data base available to all hams that provides information, if you know the CALL SIGN, last name, city/state, or any other "sortable" information. If you have internet access, I would suggest you look at WWW.QRZ.COM. This is a commercial site, but has lots of information of interest to our ham community, and you can update your particular information, if you want to ... especially you can list your e-mail address ... which might be an advantage to other hams looking for you! And, access is FREE ...

Another site which has this information available, to members of ARRL, is www.arrl.org ... and has a "members only" page. One thing you can take advantage of on this server is to list your "forwarding" e-mail address. For instance, I use Erols as my ISP (preaver @ erols.com). I also have an address at W3YD@ARRL.NET, which forwards any mail received at this address to my EROLs address. Advantage ... if I change from Erols to AOL, for example, I just have to change this address at arrl.net, and the ISP change is transparent to folks mailing me traffic. I

would encourage all ARRL members to use this service ... and all I need to know is “your call sign”, and then I can send messages to [“your call sign”@arrl.net](mailto:your_call_sign@arrl.net), and be assured you’ll get it.

BALL & BALL: As most of you may know, I recently got a new vehicle, and being the technical person that I am, I had a commercial service install my rig and antenna. BALL & BALL, in Laurel did this for me ... they did the previous installation in my van, and I know several other ham installations they have performed. Grady Ball/WB3JUV has been active in our area for years, and is retired from NSA, where he was very active in the mobile communications industry. Currently, he is the only authorized installer for STU-III (secure telephone unit) in the country, and his clientele includes the US cabinet, FBI, and CIA. He does ham stuff in his off time ... HF/VHF/UHF ...make an appointment, provide him your “stuff”, and he can provide the rest. Grady is in Laurel, off of Cherry Lane ... strongly recommended by me ... mention my name, and LARC!

Well, I was hoping to report that KK3F’s tower was up and working ... but, we still have one more weekend to go, I think. Thanks mainly to WI3N, the tower is in the hole, bolted to the house, and almost all the wire(s) run; however, we had a problem with the old beam and control box ... I think one more iteration, and Pat will be “on the air”. At this time though, we would like to thank Pat, XYL/Tina, and 2-year-old/Andrea (just barely) for their great hospitality over the past few weekends. Hopefully, next report will be “fait accompli” ... and on to the LARC Red Cross project. I think everyone concerned has learned something from this antenna project ... they’re all different! But they all contribute to our “corporate memory”!

Also, on a related topic, I personally would like to thank Jim and son Chris/N3NYK, for some tree work at my place. For the past several months I just couldn’t rotate the beam towards Europe. Thought I had a tree problem ... I did, and thought it was tree “A”; Jim came over and saw it was actually tree “B” ... he climbed “B”, then decided the problem was better solved if he went up “A”, and reached across to “B” ... Chris and I provided excellent ground support!

See you at the meeting ... 73, PUD

ARES/RACES Notes

We just finished the Commex for the month of February. That is the regular second Tuesday 7:30 pm to 8:30 pm on the air RACES communications exercise between the Emergency Operations Centers of all the counties of Maryland and MEMA, Maryland Emergency Management Agency. Usually they are fairly perfunctory. A scenario is announced by mail prior to the exercise. Then, during the exercise, MEMA sends four or five messages to all emergency management directors in the state, the content of which is related to the scenario.

This exercise was a little different. In addition to the standard Commex routine as described above, we extended ourselves with three other nets. HD/K3HDM ran a net on four linked 440 repeaters. He took check-ins from around the state in an effort to get an idea of the coverage. Due to getting out the info at the last minute, only Anne Arundel, Charles and Prince George’s tested it. Next month we’ll get out the word earlier and should have more participation.

We’ve moved most of our equipment from the old radio room to an area half the size of what we had. At this point we’re negotiating about what and how many antennas we can have on the telephone pole that was installed for our use. We’re also awaiting some perpendicular cross arms to be installed on the pole. So to participate in our regular Commex (the Central

Region Net on 147.105 repeater), we've hung a copper J-Pole in the middle of one of our rooms. To run the 440 repeater net, Charles/AA3WC brought a 440 magmount antenna that we attached to the metal grid of the drop ceiling. To participate in the 75 meter net, Hugh/K3HU sat in the parking lot with his mobile hf station. We sent traffic to the SEC via Hugh, and I received traffic back off the 75 Meter net via Jim/KD3JA on the 146.61 repeater sitting in my car in the parking lot. Laurel Hospital had Pud/W3YD, Toby/KB3BWR, and Ed/KB3DVC operating our station there. Ed also checked into the 75 Meter net from his mobile hf station. Dan/KA8YPY was at the EOC to help set up, and Dave/KB3EFS handled the usual Commex duties. Kay Graham, our Operations Director, was there with us.

Even though we still have very little to work with at the EOC, we were able to overcome many obstacles and fully participate in the exercise.

Our regular meeting will be the fourth Tuesday, Feb 27, 7:30 pm at the Fire Service Building. Our guest speaker is Bobby Hill, the county employee who handles their network system. The topic is to plan how we can network our operations with theirs.

73 de Jim Cross/WI3N

Pat's Tower Update

It's been a long time coming and it isn't over yet. John/N3GXA got the permit to install the 40' tower months ago. On the first Sat in February, Pud/W3YD, Jim/WI3N, John/N3GXA, and Joe/N3TZA descended on Pat's home, put two sections of tower and the 3' base section together. We dug a 3' deep hole by 21" circumference, mounted a bracket on the gable of the house, stood the tower sections up, clamped the top of the two sections to the house, supported the base so that it hung in the hole. We then leveled it up and called for the inspection.

The inspection occurred Wednesday, and I filled the hole with concrete. The next Saturday the following members showed up to help put up the last two sections of tower, the rotator, and beam: Pud/W3YD, Jim/WI3N, Dan/KA8YPY, HD/K3HDM, John/N3GXA, Dave/KB3EFS, and Toby/KB3BWR. The lunch provided by Pat's wife Tina was worth the trip.

We put together the beam and tested it with an MFJ analyzer. The SWR wasn't too good. We also found that the controller from the old rotator wouldn't move the new rotator. So we installed the two sections of tower, put up the rotator and cable, and stuck the mast into the rotator with Pat's Isopole attached to it so he'd be able to work 2 Meters. We also attached a yard arm to the tower and hoisted his dipole up so he'd be able to work HF. The plan was to find out how to modify the controller and to get a manual for the beam.

Through the efforts of a Mr. A. Nonymous a new beam is on order and a controller with features for sightless hams is also on order. Unfortunately, the rotator needs to be modified for the new controller, so I went back up the tower and removed it with the help of Chris/N3NYK. We're going to try to finish the job on the first Saturday in March. Then on to the club tower.

Jim/WI3N

The Real Amateur Radio Show

I recommend listening to "The Real Amateur Radio Show" on WBCQ -- Saturday evenings on 7415 kHz at 7:00 pm EST. The program includes an interview with Riley Hollingsworth/K4ZDH, Chief FCC Enforcer, every week. 73, Al KZ3AB, President, Voice of America ARC - K3VOA

ARRL Board Approves Dues Increase, Alters Morse Position

SB QST @ ARL \$ARLB002

ARLB002 ARRL Board Approves Dues Increase, Alters Morse Position

ZCZC AG02

QST de W1AW

ARRL Bulletin 2 ARLB002

From ARRL Headquarters

Newington CT January 22, 2001

To all radio amateurs

SB QST ARL ARLB002

ARLB002 ARRL Board Approves Dues Increase, Alters Morse Position

Meeting in Irving, Texas, January 19 and 20, the ARRL Board of Directors voted to increase membership dues from \$34 to \$39 annually for full members younger than 65, and from \$28 to \$34 for full members 65 and older. The dues hike goes into effect July 1, 2001. The last ARRL dues increase was in July 1997.

The dues increase resulted from a need to fund initiatives to expand the League's advocacy activities on behalf of Amateur Radio--including the defense of amateur spectrum--and to enhance ARRL Headquarters' abilities to serve members during a period of projected deficits. The Board okayed a \$1 greater increase for seniors in an effort to narrow the dues gap, as more and more ARRL members fall into the senior category.

At the same time, the Board approved the hiring of development and sales and marketing professionals on the Headquarters staff as part of an overall plan to augment revenues.

"The ARRL carries out a lot of activities that no longer can be fully funded by dues or publication sales revenues," ARRL Executive Vice President David Sumner, K1ZZ, explained. While voluntary contributions towards Amateur Radio advocacy are helping greatly, "we need to professionalize these activities if we are going to sustain them," he said.

The Board also revised its position on whether Morse code proficiency should continue to be an international requirement to license operation below 30 MHz. The Board approved a resolution that "recognizes and accepts" that the Morse requirement likely will be dropped from Article S25 of the international Radio Regulations at the 2003 World Radiocommunication Conference. But the Board held the line on retaining a domestic Morse requirement, saying that each country should be allowed to determine for itself whether it wants to have a Morse code requirement.

The Board's Morse Code resolution declared that deletion of the Article S25 international requirement at WRC-03 "should not automatically or immediately mean a similar removal of the Morse code from Part 97 of the FCC rules." Morse code, the Board affirmed, deserves continued support as an important operating mode as well as in terms of spectrum and "should be retained as a testing element in the US." The resolution also called on ARRL Headquarters staff to "develop a program designed to promote the use of Morse."

The resolution supersedes all previous Board policy statements regarding Morse code and Article S25.

The Board has adjusted the management structure at ARRL Headquarters. Publications Manager and QST Editor Mark Wilson, K1RO, will serve as the ARRL's Chief Operating Officer. In that position, Wilson will oversee sales and marketing, publications, field volunteer and membership services, the ARRL Lab, and other day-to-day Headquarters activities.

The Board also established a committee to solicit membership input to update the ARRL's position on refarming the HF Novice bands "in light of the 1999 FCC license restructuring Report and Order." The five-member panel will be named by President Haynie. It will report to the board in one year.

NNNN

/EX

LARC MEETING OF 24 JANUARY 2001

MINUTES

The meeting was called to order by President Pud Reaver, WY3D, at 1930. Minutes of the last meeting had already been approved before the holidays. Twelve members and one guest were in attendance.

Pud announced more training texts had been ordered and those, plus copies of Auto Call, would be available at Something Special Coffee Shop, 504 Main Street, Laurel. This is the only outlet in the area where such materials can be obtained.

In this connection, the club announced plans to conduct training for the General class examination to be held in late February or early March, provided at least five students sign-up. Other training classes will be held at the Goddard Amateur Radio Station.

Bob Busch, WB3KXJ, has expressed an interest in being relieved of VEC responsibilities and Diane Cooperman, AA3OF, has agreed to become Laurel VEC.

The Women 's Club advised it is not continuing its fund-raising effort at the Baysox stadium this year. The club will not continue with this either, as there is no present financial need.

The December banquet was a great success and HD, K3HDM and John and Patty Menard, N3GXA and N3OYN, respectively, were thanked for assisting in the arrangements. Pud has asked members to begin thinking about the next December banquet.

On February 18, the DC Roadrunners' Marathon will take place. Those working the race should meet at the Beltsville Agricultural Research Center Log Cabin between 0900 and 0915. The race will begin at 0930 and we are advised the course must be cleared by 1600.

The ARRL DX SSB conference will take place on March 17 and 18. The club will operate its station at the Armory.

Pud mentioned that the club schedules about 12 events a year. Some were identified at the meeting and volunteers and volunteers were asked for.

- a. We will staff our station at Laurel Hospital on the 2d Tuesday of each month for the Commex test. Ed, KB3DVC, will work that and Toby, KB3BWR, has agreed to help.
- b. A chair for the March SSB contest is needed, provided weather permits and equipment can be obtained in time. Joe, N3TZA, agreed to chair this project.
- c. Field Day is coming up soon and a request for a volunteer to chair this event is pending. Anyone interested should contact Pud.
- d. The Sweepstakes Phone contest will occur in November. HD, K3HDM will chair that and carry on the club's proud tradition,
- e. A special event. Pud has asked the membership to think About an event the club might sponsor this year. Three months' lead-time is needed to make the necessary preparations.

Jim, WI3N, chair of the program committee, raised the question of how our meetings might be structured in the future. An appropriate mix of business and programs will evolve over the next several weeks. In March, the club will meet at the Historic Electronic Museum Amateur Club for a short business meeting after which we will have a tour of the museum. Jim also raised the possibility of a meeting at the Bowie Antique Radio Museum. Other possibilities raised were to have speakers on RFI, on batteries, and on APRS. Members are encouraged to make suggestions for programs.

Our visitor, Jim, KB3JA, President of the Central Maryland Radio Club, suggested some possible joint club activities. Jim's club has about 30 members.

Jim, WI3N, also reported the Historic District Commission in Laurel approved the club's plan for a 50-foot antenna tower and associated Yagi antenna at the Armory. Next step is to acquire a building permit.

Jim's last report was on the last ARES/RACES meeting at the EOC in the Fire Services Building. Subjects discussed were configuration of antennas to be used and layout of the rooms provided by the EOC.

ARES/RACES meeting schedule is the fourth Tuesday of each month at the EOC at 1930.

Skywarn has training classes in Hughesville on 27 January.

The meeting was adjourned at 2045.

Respectfully submitted,
ED, KB3DVC

ARRL Offers New Five-Year Membership Plan

February 9, 2001 -- With a membership dues increase going into effect July 1, 2001, the ARRL is offering a special five-year membership plan until then, so members can lock in at the current, lower dues rates. Effective immediately, current or prospective ARRL members in the US and US possessions can obtain a five-year renewal or membership for \$146 (\$122 for those 65 or older). That's a saving of \$24 (\$18 for those 65 or older) from the cost of year-to-year renewal at current rates! Due to postal considerations, this offer cannot be extended to those living in other countries. The special five-year membership offer expires June 30, 2001, the last day the present dues schedule is in effect. After that, annual dues will increase to \$39 for individuals (\$34 for those 65 and older). Another option is to apply for an ARRL Life Membership for \$850. Special discounts apply to senior and visually impaired applicants. A complete rate schedule and application form is available on [ARRLWeb](#).

FAR Minutes

February 14, 2001

The meeting was called to order at 8:00 P.M. on February 14, 2001 at Columbia Union College in Takoma Park, Maryland by President, Mary Morris (N4TCI).

There were 14 representatives and one guest representing 15 clubs, Those in attendance where:

Dan Blasberg KA8YPY Laurel ARC/GMRA
Hugh Katz KB3TB Voice of America ARC
Chip Weems W4PBG Historical Electronics Museum ARC
Tim Titus W1TRT Columbia ARA/HEMARC
Mary Morris N4TCI Mt. Vernon ARC
Hugh O'Donnell W3FUO Goddard ARC
Don Kirby KR3A Calvert ARC
Jerry Gavin NU3D Maryland Mobileers ARC
Hugh Turnbull W3ABC Goddard ARC
John Sleeman N3FXC Washington Adventist ARA
Tony Young WA3YLO Anne Arundel RC
Jim Tilton KD3JA Central Maryland ARC
William Riley N3SNU Prince George's County REACT
John Klim N3KHK Silver Spring Metro Center ARC
Pamela Riley N3XFL Guest

Secretary's Report: The minutes for January were unavailable for approval.

Treasurer's Report: Tim Titus (W1TRT) presented the current balance sheet, it was accepted.

Tim also advised the trustees that he sent a letter to the accounting firm of Romano and Mitchell, advising them of FAR's intention to no longer use their services in a cost savings effort. Tim received a reply advising of an outstanding bill with the firm. Tim will address this with the accountants.

Auto Call - Dan Blasberg (KA8YPY) reported that he had 14 subscriptions sold and 24 individual copies sold at the Odenton Hamfest. Mary Morris (N4TCI) will be running the Auto-Call table at the Vienna Frostfest on Sunday February 25. Dan also advised that he would have the Auto-Call table at the BARC Hamfest, held on March 31 and April 1, 2001. Dan advised if anyone would like to volunteer and help to contact him at Blasberg@bellatlantic.net.

Survivors' Assistance - Tony Young (WA3YLO) presented several checks for funds for the general fund, from the sale of equipment.

Scholarship - Hugh Turnbull (W3ABC) reported that the committee is still receiving requests for applications as well as starting to receive filled out applications. Hugh also stated that funds for the various scholarships are starting to come in.

ARRL Report - Hugh Turnbull (W3ABC) reported that the ARRL has voted and approved a membership fee rate increase.

F.A.R.Fest - Dan Blasberg (KA8YPY) reported that the tentative date for F.A.R.Fest 2001 will be September 30, 2001 at Prince George's Stadium, in Bowie, MD.

Old Business - Prince George County REACT was nominated and approved as a member club.

Representatives for Prince George's County REACT were approved. They are William Riley (N3SNU) and Morris Brown (KA3ZPE).

New Business - Dan Blasberg (KA8YPY) agreed to serve as the nominating committee for the upcoming FAR elections, to be held at the April meeting. Anyone wishing to run for a post or that would like to nominate someone for a post can contact Dan at Blasberg@bellatlantic.net.

Announcements - HEMARC announce that they have 25 students in their upgrade class, with seven of them participating in a code class on Saturday mornings.

Feb 17-18 - Mt Vernon ARC will have a special event station from Mt Vernon to commemorate Presidents Day.

Feb 24 - Columbia ARA will hold an auction at Bethany United Methodist Church at 7:00 P.M. Items will include old inventory from the now defunct Baltimore Radio Center. A fee of 10% of the sales price will be charged to anyone who would like to bring equipment to be auctioned.

Feb 25 - Vienna Frostfest, NOVA campus in Annondale, VA

Meeting Adjourned at 8:40 PM

The next meeting will be held at 8:00 PM on Wednesday March 14, 2001 at the Franconia Government Center in Alexandria, VA

Respectfully submitted,
Daniel C. Blasberg Jr.
KA8YPY
FAR Recording Secretary

Club Calendar

February

24	Sat	7pm	Columbia ARA Auction	Bethany United Methodist Church
28	Wed	7:30pm	LARC Meeting	384 Main St.

March

17	Sat		VE Test Session	384 Main St.
28	Sat		LARC Meeting	384 Main St.

Hamfests

Mar 31 - Apr 1, 01 Maryland State Convention Baltimore ARC (<http://gbhc.org>) - Timonium, MD
1 Apr 2001 Delaware Valley Radio Association (<http://www.slac.com/w2zq>), North Crosswicks (Hamilton Township), NJ
6 May 2001 Antietam Radio Association <http://www.qsl.net/w3cwc> - Hagerstown, MD
29 Apr 2001 Delaware State Convention, Penn-Del ARC (<http://www.high-tech-services.com/pennidel>), New Castle, DE

For a complete HAMFEST calendar go to (<http://www.arrl.org/hamfests.html#listing>)

Selected Contest Calendar

CQ 160-Meter Contest, SSB 2200Z, Feb 23 - 1600Z, Feb 25
ARRL Inter. DX Contest, Phone 0000Z, Mar 3 - 2400Z, Mar 4
QCWA QSO Party 1900Z, Mar 10 - 1900Z, Mar 11
CQ WW WPX Contest, CW 0000Z, May 26 - 2400Z, May 27
ARRL June VHF QSO Party 1800Z, Jun 9 - 0300Z, Jun 11
Maryland-DC QSO Party 1600Z, Aug 11 - 0400Z, Aug 12 and 1600Z - 2300Z, Aug 12

For a complete contest calendar go to (<http://www.hornucopia.com/contestcal/contestcal.html>)

Job Opportunity

Traffic Reporter

TrafficStation, Inc. (www.trafficstation.com), headquartered in Los Angeles, is North America's leading provider of personalized traffic, transportation, and traveler information via the Internet and wireless communication devices. We are rapidly growing and looking for candidates to become members of our Washington DC and Baltimore area team.

Members will be the direct source of traffic information to the end user for TrafficStation's state-of-the-art Internet, voice, and wireless technologies.

Qualified candidates will possess:

- Superior communication skills
- Experience in the use of web browsers and data access
- Ability to read maps, discern compass directions, and understand traffic patterns
- Ability to condense data from multiple sources into clear concise written messages
- Good judgement, self motivation, and the ability to work with minimal supervision
- Knowledge of local law enforcement and emergency services communications is a plus
- Journalism experience would be helpful

Full and part time positions are available with both early morning and late afternoon scheduling. Some positions will allow team members to work from home.

Compensation package includes a competitive salary, with possible stock options and benefits. If you're looking to join a progressive, pre-IPO organization creating a great new service where your talents are recognized, please contact Hubert Clay at (443) 838-7755 or email hclay@trafficstation.com.