

# THE Q-MATCH

The Newsletter of the Warren Amateur Radio Association

P.O. Box 809, Warren, Ohio 44482

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January, 2006

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## A WORD FROM THE PREZ

The New Year is now upon us and as you will be reading this it will be 2006. The past year was a good one overall for the Club in my view. We participated in many Club related events such as Field Day, JOTA, Special Events, and well as many others. We had a down-turn in our Hamfest, but realized as a Club we needed to “pull our resources together” and think of how to make this years better. And the Hamfest and Fund Raising Committee was formed, and they did an excellent job in reporting what we need to do to have a successful Hamfest this year. Also the Wednesday Night Net continued each week with a growing number of checkins. However most important we accepted a number of new members, both associate and regular. And I would like that to be my topic for this first Q-Match of the New Year, *Membership*.

The most important part of any Club is its members, both having them and giving them a Club that they wish to participate in activities with. Don't forget that the main reason amateur radio operators such as we exist is to be there as a Public Service, should a disaster occur that our communications expertise can help with. The World really saw that we could be a valuable resource last year with the number of disasters that we needed to help with. The ARRL phrase “When All Else Fails” is just not a nice slogan, it is a reality! Now the other nice part of being a licensed Ham Radio operator in our Club is that it is also “fun” and rewarding. With that said we need to adopt a goal for 2006. And I would like that goal to be to increase our Club membership of operating, licensed, Radio Amateurs.

By having more members licensed we have more resources we can draw upon in a disaster and general operating events. Having more members also means that there are more people who can operate, and participate in the various operating Club activities, making those events much more fun for everyone involved. It tells an interesting story when a club of over 140 members has a Field Day event and we have only around 28 of our members participate.

So let's make the 2006 years WARA Club's Goal to recruit new Club Members and to help both new and existing Associate members get their first Amateur Radio license. Remember an Associate member does not have any voting privileges. This is just not for the General Election, but for all Club activities where a vote is called for. This is spelled out in “Article VII, Membership, Initiation Fees, and Dues”. So the more full members our Club has, the more voting members we also have, and the more members that can enjoy our “on-the-air” activities.

At every first meeting I would like to present the current Club roster statistics of how many members we have, how many are Associate members, and how many new members since January 2006. I believe that by always being aware of how are Club is growing we can make a conscious effort to be recruiting new members for the hobby. It would be great to need to be able to hold additional License classes to have more new and current members achieve their license to operate. We may even think about having a weekend of classes with a test at the end for the Technician Class. This type of concentrated teaching has been used successfully in having new members licensed by many other Clubs', as reported in QST magazine. Maybe an hour or two course before a Club meeting would also be a way to get more licensed Amateurs into our hobby. There are many things each of us can do to achieve this goal. Let's all give it some thought and maybe come up with a goal of a number of new operators in the Club's for the year 2006. Let all make a New Years resolution to continue to promote Amateur Radio and try and go the extra mile and recruit new operators into our club!

73, Bob / KC8PVB

## THE EDITOR'S LAST ISSUE

This will be my last issue as editor of the *Q-Match*. After editing the club's newsletter for the last five years or so (I honestly can't remember whether it's been four, five, or six years) I think it's time to give someone else an opportunity. I have always said that if there was anyone who really wanted the job I would give it to him or her, and I believe that we are now in a position where there is someone else who wants to do the job. Emily, KC8RAL, has served as my assistant for the past year or so and obviously enjoys the job. While it's not my position to appoint her as editor (the club President does that), no one can offer it to anyone as long as I'm in the way, so I'll step aside. I've enjoyed it immensely, it's been fun! Thank you to everyone who has helped me with the *Q-Match* and I wish Emily or whoever else takes over the editor's job every success with it. I will, of course, be more than happy to offer any assistance in the way of advice or suggestions to whoever becomes the new editor.

Pete Kozup, K8OUA

## ARRL RECRUITING

### **ARRL is willing to give our club money**

Yes it's true! I know that membership in the ARRL is a rather controversial subject with some. However, they are one of the biggest defenders of our radio spectrum and privileges. They also provide us free of charge many types of informational brochures, technician books, and many other items. Some of which we need only pay shipping on or we get at a discounted price due to us being VEC accredited, and an affiliated club. Now they're offering a commission reward program for affiliated clubs. For every new member they will give us a \$15.00 commission and any renewing member a \$2.00 commission. This does not include blind, family, or youth (21 and under) discounted memberships. Just think about it, you can earn the club \$2.00 just for renewing your current membership through the club. If you have been thinking about joining, but weren't sure, now would be the perfect time. Just by joining through the club, rather than online or by mail, you can earn \$15.00 for the club.

So what's the catch you say? Nothing!! You fill out the same type of membership application. You can still use a credit card if you choose, and your membership is the same as if you joined on your own.

Though youth, blind, and family memberships do not receive credit for a commission, we will be happy to accept and take care of those as well.

So how do I do this you ask? Simple, I have included a membership application below. Print it out, fill it out, and send it to the club. We handle the rest. Make your checks or money orders payable to the WARA, and when we receive your application we will cut a single check for all applications to the ARRL for all applicants minus our commissions. If you are paying by credit card, you simply put that information on the application. If you are a new member you pay only 24.00 to the ARRL. You will have to pay the other 15.00 directly to the club. If you are a renewing member you pay \$37.00 to the ARRL on your credit card, and \$2.00 to the club directly. That's it. It is really that easy. If you think these sounds too good to be true, please feel free to check the ARRL web site. <http://www.arrl.org/FandES/field/club/benefits.html> - commission

Thanks for your support. You can give your applications directly to me, or to any club officer and they will be sure to get it to me. Thanks again

Mr. Roger J Dean (KC8VYS)

## REPEATER NEWS

Not much to report again this month, and that's good. I have been hearing some inter-modulation (Intermod.) noise on the repeater. Our output being fed back to the main site receiver. Seems we get this every year at this time. Maybe ice on the antenna. This could lead to putting the main site receiver in P L from time to time. If you have a 100 Hz PL (Sub audible tone.) Always turned on your operation will be unaffected.

Bad weather set in without my getting an antenna installed on the control receives so we are still on the temporary antenna for control.

Reminder, the daytime limit timer is three minutes. The night time limit timer is one and half minutes after eleven PM. Explanation, FCC rules require a repeater transmitter to automatically shut down after three minutes in the event of a malfunction. Thus most repeaters set the transmit limit timer at three minutes.

At night control operators are less likely to be available. Operations at night have been good lately but, in past there has been much playing in the wee hours of the night. So several years ago we decided to shorten up the timer as well as eliminate some features of the repeater, such as muting Touch Tones during late night.

In some large cities timers are shorter in order to force users to not make long transmissions.

"Touch Tones" is a registered trade name of one of the Bells. I have lost touch with which one. "P L" is a Motorola registered name.

73, Dave KZ8T

## HAMFEST

I would like to thank everyone for the opportunity to be hamfest chairman. I do have the following people helping me with hamfest: sherman KC8YHJ, gail KC8LRH, dennis N8IVE, chris KD8BHR, roger KC8VYS, mark KD8BIC, bud KB8OMV, robin terlecky, Emmy KC8RAL, lisa KC8VHB, Billy N8VOR, Richard Kc8TAP, and Julie; if anyone feels that I have forgot them, please fill free to contact me at [jacquelinewilliams03@hotmail.com](mailto:jacquelinewilliams03@hotmail.com). I would also like to have a hamfest committe meeting in early january. I will let everyone know when and where at our annual meeting. A tennitive flyer will be ready at the annual meeting. A finalized flyer will be ready by the last meeting in January so that they can be handed out at other hamfests.

## SPECIAL EVENT

We have a contest coming up soon. The Bill Craiger Trumbull County QSO party. This is a fun event and I hope all will participate. We need everyone to vote on whether we use the original townships of 1810 or the one we know today. Please cast a vote by e-mailing Gail, KC8LRH, at [kc8lrh@hotmail.com](mailto:kc8lrh@hotmail.com). The rules and forms will be published in the March 2006 Q-Match.

Went to Packard Museum gave them their 2005, 16<sup>th</sup> Annual car show Certificate thanking them for having use there. We have been asked again to join them in the upcoming 2006 automobile show. They are moving everything back to Packard Park and are working on some things with the Music Hall, so I am looking forward to the show to see what the changes are going to be.

Gail Wells, KC8LRH

## WANT ADS

Richard Bell, KC8TAP, is looking for some roofing slate, if anyone has some or knows where to acquire some please email at [kc8tap@neo.rr.com](mailto:kc8tap@neo.rr.com).

## ARRL SCHOLARSHIPS

If you are a university student in need of money and hold an amateur license, you may qualify for one of many scholarships offered by the ARRL Foundation. The application period began in October and ends on February 1, 2006, so you will need to get hopping on the application. For more information on these scholarships check the ARRL website at [www.arrl.org/scholgen](http://www.arrl.org/scholgen), or January QST page 96.

## ANNUAL MEETING

Don't forget the club's Annual Meeting will be held on January 17, 2006 after the regular meeting, and we will elect officers for the year. Contact Nominations Chair Emily Wells, KC8RAL, if you'd like to nominate someone for office – 330 393-4795 or [kc8ral@hotmail.com](mailto:kc8ral@hotmail.com).

## DECEMBER'S WARA MEETING SUMMARIES

<p>December 6, 2005</p> <p>The club my place an order for new club Jackets: they will need to be paid for at time of order, Cost \$40.00</p> <p>Hamfest: Jackie Williams was appointed as 2006 Hamfest Chairperson after considerable discussion.</p> <p>Net coordinator: Emily Wells, KC8RAL, was appointed as new Net coordinator.</p> <p>50/50 Don Bower \$21.00 Club \$21.00</p>	<p>December 20, 2005</p> <p>Club will donate \$50.00 to Salvation Army and \$100 to Grace Baptist Church</p> <p>Hamfest: Jackie has received the contract.</p> <p>Web site; Steve KC8YDS will have up and running in about 2 weeks.</p> <p>Greg WB8WUA, will have some equipment for sale</p> <p>Kids day will be January 8<sup>th</sup> from 1-7pm</p> <p>Fundraising Committee recommendations were tabled and discussed;</p> <p>50/50 Chuck Simpkins, KA8FUP \$16.50</p>
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## ANNUAL CHRISTMAS PARTY

The Warren Amateur Radio Association held its annual Christmas party on December 3, 2005 at the Grace Baptist Church in Champion. Special thanks goes out to Ada, KC8MTZ, and everyone who helped her. Everyone had a good time and there was plenty of good food. The contest for the best dish award was very close again and a very difficult choice. I tried like most of the people in attendance to be fair, so we all ate a lot. The winning dish belongs to a wonderful couple Jack and Brenda McClain. The dish was a very tasty, even good on Sunday -- thanks for the left over Peanut butter Parfait. Maybe we can get them to put the recipe in the Q-match. Special thanks to all the great cooks of the club. I watched the food as it came in, kind of made me hungry. I watched the food as after everyone was done eating. I can tell you that we had a lot of very good food when we started. When we finished we had a lot of very full tummies.

Richard Bell, KC8TAP

## ARES/RACES

The Trumbull County Ares/ Races needs radio operators for a 10 k running race on Feb. 11, 2006 in Cortland. Anyone wishing to help should contact Richard Bell, KC8TAP at [kc8tap@neo.rr.com](mailto:kc8tap@neo.rr.com) or 330-898-6538. Hopefully the weather will cooperate and be nice and warm.

Richard Bell, KC8TAP

## NET NEWS

The New Year has started with some changes in the club. The previous Net Coordinator, Fred Olver, N9BSO, has moved to St. Louis, Missouri, and has resigned his position. Your new Coordinator is Emily Wells KC8RAL. So if you are interested in helping out and trying your hand at being a net control operator please give Emily a call at 330-393-4795 or e-mail at [kc8ral@hotmail.com](mailto:kc8ral@hotmail.com). The Trumbull County Areas/ Races 10 meter net is still in need of some Wednesday night operators. So please think about maybe trying to help Kenny, KC8TML and Richard, KC8TAP out. Kenny can be reached at 330 399-9628 or contact him by email at [kc8tml@neo.rr.com](mailto:kc8tml@neo.rr.com).

**Operators please note that schedule has changed.**

January 4	Andy	N8YR	February 1	Emily	KC8RAI
January 11	Sherman	KC8YHJ	February 8	Andy	N8YR
January 18	Lisa	KC8VHB	February 15	Sherman	KC8YHJ
January 25	Bob	KC8PVB	February 22	Lisa	KC8VHB

Check in to either one of the WARA nets and find out what's happening with amateur radio in our area.

## HAPPY BIRTHDAY

Here's wishing the best of birthday to these happy January birthday members.

Jan 1	Josephine Wingrove	N8SYI		
Jan 10	Jim Gabriel	WA8DXB		
Jan 12	Pete Kozup	K8OUA		
Jan 13	Donna Craiger	Assoc.		
Jan 17	Don Bower	N8VCK		
Jan 22	Emily Wells	KC8RAL		
Jan 31	Mike Austin	KC8WUX		

Here's wishing a hearty ARL FORTY-SIX to all of our January birthdays – May your day be sunny and may this be one of many many more. Remember, we may not have an up to date WARA roster, and we may have missed someone. If that is the case, please let your editor know so that it can be corrected.

## OHIO SECTION NEWS

SM: Joe Phillips, K8QOE, Fairfield, (to contact me, see QST page 16 or on the Web at [www.iarc.ws](http://www.iarc.ws);  
 ASM-NE: Bob Winston, W2THU, Cleveland; SEC: John Chapman, WB8INY, Gahanna; ACC: Joanne Solak, KJ3O, Mantua; TC: Tom Holmes, N8ZM, Tipp City; PIC: Scott Yonally, N8SY, Mansfield; OOC: Rick Swain, KK8O, Galion; SGL: Norm Pittner, WB8TMF, West Jefferson.

JANUARY SECTION NEWS EDITION BY OHIO ACC Joanne Solak, KJ3O.

HAPPY NEW YEAR 2006!

By the time you read this monthly, monthly, we will have celebrated the HOLIDAYS and have entered a New Year 2006! AND We, of the Great Lakes Division, Ohio Section, owe Jim Weaver, K8JE, and Gary Johnston, KI4LA, CONGRATULATIONS! For being elected in the Great Lakes Division Office, Jim as the Director, and Gary as the Vice Director. We look forward to "working" with you both. I want to "thank you" for all the cooperation given me in getting all your records updated, you all did a fantastic job. But don't quit now! Make the year 2006 even more productive and show the other ARRL Sections that the Ohio Section is on the MOVE!!

West Park Radiops had a very busy year during 2005 as well as did the Portage ARC. Public Service played a large part in Club events for these two clubs, as well as a lot of others. The New Milford Club remains active as a SSC Club. The MVARA (Mahoning Valley) Club, in conjunction with Tod Childrens Hospital, planned their annual Santa Claus Net for December 14th where club members take their 2-meter radios into the Hospital and let the children talk to Santa Claus. If your club "ran" a Santa Claus net, let me know all about it!

The Van Wert Club remains active in Field Day again this year, coming in second in the nation in the 4F class. Great Job!

The InterCity ARC has again proved it's self worthy of SSC Status and one of their favorite activities is participating in the Miss Ohio Pageant Parade. They have done this activity now for 15 years.

Many clubs hold election of officers during the final months of the year, if this is true of your club make sure you notify ARRL Headquarters and Me of your up-dates.

Congratulations! To all Ohio Section Clubs on their Re-affiliation, SSC renewals, and filing of the Annual Report Form. AND welcome aboard to all the newly ARRL Affiliated Clubs.

Remember to “put” me on your Newsletter Mailing list or E/Mail address list so I can receive your Newsletter. As I read your Newsletter (and I read them all) I can keep up to date with your club activities and when it comes time for me to “sign-off” or “approve” some of the paperwork pertaining to your club, it doesn’t become a major search. So for those of you who already send me your newsletter, keep them coming, and for those who have not yet done so, do it now!

Food for thought! Club attendance at a lot of club meetings and member participation in club activities has been on the decline for quite some time. Many club officers are concerned about this. Rest assured, this will turn around as soon as the economy picks up as well as when the sunspot cycles improve. In the meantime, schedule some “projects” like antennas, emergency packs, test equipment etc. Log on to the Club Page through ARRL and get some great ideas for your club meetings.

Well I hope “Santa” brought you that special “radio” you wanted or that “special” something you wished for so much. Most of all, my wish for all of you is a to have one of the Happiest and Healthiest New Years 2006! And remember, I will be seeing you sometime, somewhere when you least expect it!

OHIO SECTION JANUARY HAMFESTS AND SYMPOSIUM - (SATURDAY, 14) 20th Annual Southwest Ohio Digital Symposium; sponsored by the Dial Amateur Radio Club; for more info, see <<http://www.swohdigi.org/>>. This is a symposium - there is no flea market. Located at Miami University-Middletown Campus.

(SUNDAY, 15) SCARFEST 2006; sponsored by the Sunday Creek Amateur Radio Federation; for more info, see <<http://www.scarfclub.org>> or contact: Russ Ellis, N8MWK at (E-mail) [N8MWK@arrl.net](mailto:N8MWK@arrl.net) .

Located at Nelsonville at the Tri-County Joint Vocational School, 15676 State Route 691; and

SUNDAY (29) Tusco Amateur Radio Club; for more info, see <<http://noard.com/tuscoarc.htm>> or contact Gary Green, K8Wfn at E-mail: [k8wfn@tusco.net](mailto:k8wfn@tusco.net). Located at Wallick Auction House 965 North Wooster Avenue, Strasburg.

### Photos from the Christmas Party

A delicious dessert table



The organizer – Ada KC8MTZ



A happy Christmasy group



Whats in the bag, Dave?

## NEWS FROM FRED

We've received the following from Fred Olver, N9BSO, who recently moved to St. Louis. Good evening all. After some frustration, and a lot of phone calls because they kept hanging me up before I even got there, Margaret and I now have a new e-mail address. It is [goodfolks@charter.net](mailto:goodfolks@charter.net). So, take out the creacher and add goodfolks, not a bad idea if I do say so, myself. Fred Olver, N9BSO.

## AWARDS/

We need your vote for Ham of the Year for 2005. The rules are simple. Every club member, yes even associates, is eligible to win and vote. We request that every club member write down the person's name you feel has done the most to help the club in 2005 then sign your name and hand it to Gail Wells, KC8LRH, or Richard Bell, KC8TAP, at a club meeting or a breakfast or anywhere you see us. You may also email us Gail, [kc8lrh@hotmail.com](mailto:kc8lrh@hotmail.com), or Richard, [kc8tap@neo.rr.com](mailto:kc8tap@neo.rr.com). Please do not just run up and tell us because we are both a little short on memory. We do ask that you sign the paper so that we count your vote once. We know that many people keep the club running and just like the best dish we just want to say thank you. One member is not eligible to win, that would be Ada, KC8MTZ, past winners are ineligible for 5 years, but she is still doing a great job.

Special awards please keep your eyes and ears open for little funnies people do. We ask that they involve amateur radio; yes I know sometimes we stretch that, but I do think everyone that received a special award last year really enjoyed it. We might not be able to use them all but we sure would like to try. One sure fire way not to win an award is not doing anything with the radio or for the club. One almost sure fire way to win, as Karl, KF8MG, discovered, is to tell us you don't want an award. Please contact Gail Wells or Richard Bell with what you know, you don't have to plan the award, but you can, or present it.

Gail Wells KC8LRH and Richard Bell KC8TAP co-Awards Chairmen

## YOUTH

It's been a busy month for all. First I would like to wish everyone a very happy holiday season, and all the best in the coming New Year. I hope that Santa has brought you all a nice gift, and remember it's always easier to program you new radios after you have read the manual.

As of this writing I am still working with the Eastwood mall to organize kid's day. Once I get a definite yes or no, I will broadcast our plans on the Wednesday night net and hope to see a good turn out. I have also started to put some thought into plans for Hamfest. I welcome any ideas that any of you may have, as well as any volunteers that wish to help the youth department. I know it is very early, but I am trying to get a little farther ahead of the ball. Hopefully things will start to flow more smoothly. Thank you all for your support through the past year and here's looking forward to making the coming year a productive one. Merry Christmas.

Roger Dean (KC8VYS)

## CHRISTMAS NET

We want to give a big thanks to W8KNO, Joe Wehner, for the wonderful job he did on Wednesday night with a special Santa Clause net. He had a total of 7 children ranging from the age 5 to 9 years old. We had a few older children (licensed adult operators) check into the net with their wishes for Christmas too. The wishes were anything from more snow so wouldn't have to return to school yet to new amateur radio equipment, to tractor trailers. One operator wanted Santa to try and fix her ICOM 8000. Another wanted a gift for another of a power supply. All in all I think he did a wonderful job and wish him a very Merry Christmas.

# JANUARY CALENDAR

<p>01/02 Brunch Farmington Sr. Center 11am  01/03 WARA Meeting Grace Baptist Church  7:30PM  01/04 WARA Nets 10M &amp; 2 M 8/9 pm  01/07 Breakfast Wayside Inn 9 AM  01/07 Dinner Perkins Elm Rd 7 PM  01/08 Kids Day Eastwood Mall possibly  01/09 Brunch Farmington Sr. Center 11AM  01/11 WARA Nets 10 M &amp; 2 M 8PM / 9P  01/14 Dinner Perkins Elm Rd 7 PM  01/14-15 N. American QSO Party CW see  Jan QST pg 101</p>	<p>01/16 Brunch Farmington Sr Center 11 AM  01/17 WARA Meeting Grace Baptist Church  7:30Pm – ANNUAL MEETING including  the election of officers  01/18 WARA Nets 10 M &amp; 2 M 8PM / 9PM  01/21 Breakfast Wayside Inn 9 AM  01/21 Dinner Perkins, Elm Rd 7pm  01/21-23 N. American QSO Party Phone see  Jan QST pg 101  01/23 Brunch Farmington Sr Center 11 AM  01/25 WARA Nets 10M &amp; 2M 8/9 PM  01/28 Dinner Perkins , Elm Rd 7PM  01/28 Sp Ev Stn Punxsutawney ARC Groundhog  Day see Jan QST pg 102  01/30 Brunch Farmington Sr Center 11AM</p>

## MORE CHRISTMAS PARTY PHOTOS



Fay, Rita, and Henry in a festive mood!!



Steve's just tryin' to figure it all out!!



A right jolly old elf



Two big boys fighting over their presents!!



**ARRL** The national association for AMATEUR RADIO

225 Main Street ■ Newington, CT 06111-1494 USA ■ 860-594-0200 ■ fax: 860-594-0259 ■ e-mail: [hq@arrl.org](mailto:hq@arrl.org)

# Membership Application

(Application for use by ARRL Affiliated Clubs)

- I am a brand new member or my membership has been lapsed for 2 or more years. My club will keep \$15 of my dues.
- I am renewing (includes lapsed members of less than 2 years). My club will keep \$2.00 of my dues.

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

- Sign up my Family Members, residing at the same address, as ARRL members too! They'll each pay only \$8 for a year's membership, have access to ARRL benefits and services (except *QST*) and also receive a membership card. (club commission not applicable.)

**ARRL Family Members:**

Name \_\_\_\_\_

Call Sign \_\_\_\_\_

Name \_\_\_\_\_

Call Sign \_\_\_\_\_

**US and Possessions**

Term	<input type="checkbox"/> Regular	<input type="checkbox"/> 65 or Older Date of Birth: _____	<input type="checkbox"/> Family <input type="checkbox"/> Blind
<input type="checkbox"/> 1 year <sup>1</sup>	\$39	\$36	\$8
<input type="checkbox"/> 2 years <sup>2</sup>	76	70	16
<input type="checkbox"/> 3 years <sup>3</sup>	111	103	24

**Please charge my ARRL dues less my club's commission.**

**I have paid the commission directly to my club.**

- Charge to:  VISA  MasterCard
- Amex  Discover

Card Number \_\_\_\_\_

Expiration Date \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature \_\_\_\_\_

## ARRL Member Benefits:



**QST**—Amateur Radio's #1 Magazine! Delivered each month, **QST** is **THE SOURCE** for Amateur Radio news, information, projects, and equipment.

**Technical Information Service**—Expert Advice. ARRL members enjoy the problem-solving knowledge of hundreds of experts through our Technical Information Service.

**Ham Radio Equipment Insurance**—“All Risk” protection. Safeguard your station, including antennas and towers, from loss or damage by lightning, theft, accident, fire, flood, tornado, or other natural disasters (available to members who reside in the US, its territories and possessions).

<sup>1</sup> 1-year membership dues include \$15 for a 1-year subscription to *QST*.  
<sup>2</sup> 2-year membership dues include \$30 for a 2-year subscription to *QST*.  
<sup>3</sup> 3-year membership dues include \$45 for a 3-year subscription to *QST*.

**Members-Only ARRL Web Site Features**—online info! Enjoy services, news, and features not available anywhere else. Product Review archive, article index, contest results, E-mail Forwarding Service (“your-callsign”@arrl.net), and more.

**Voice in Washington**—preserving our privileges. ARRL supports legislation to protect the future of the Amateur Radio Service.

**Operating Awards**—enhance your skills. Members enjoy participating in ARRL-sponsored contests, and earning attractive ARRL awards.

Dues are subject to change without notice. If you do not wish your name and address made available for non-ARRL related mailings, please check this box.

