



ARRL EXPO 2006

Dayton Hamvention®

EXHIBIT & ACTIVITIES GUIDE

May 19-21, 2006

**Hara Arena, Conference & Exhibition Center
Dayton, Ohio**

Welcome radio amateurs and friends! This year, Dayton Hamvention® is host to ARRL EXPO 2006. It's like having two great shows in one! Use these next pages as a handy guide to find your way around ARRL EXPO activities and exhibits.

You'll find ARRL EXPO in the Hara Ballarena (near the 400-numbered booths). Your Hamvention admission includes access to ARRL EXPO!

ARRL EXPO

ARRL EXPO is a large exhibit area located in the Ballarena Hall (near the 400-numbered booths). This is a showcase of ARRL exhibits and activities to enhance your Amateur Radio experience. Refer to the exhibitors map and look for the ARRL EXPO "button."

ARRL Bookstore (ARRL EXPO area)

Visit the HUGE ARRL bookstore to purchase popular ARRL publications, join or renew your ARRL membership, and pick up official ARRL merchandise. Meet ARRL authors, and see software demonstrations.

- **ARRL EXPO Membership Special!** Get a FREE gift when you join ARRL or renew.
- **FREE Dayton Button!** Visit the ARRL Bookstore for your free ARRL EXPO souvenir button.

ARRL Diamond Club

Join ARRL Diamond Club, and receive a free gift! Visit the ARRL Bookstore or ARRL Development booth to sign up. Drop by for more information, or visit www.arrl.org/diamondclub.

ARRL Passport

ARRL Passport is the ultimate convention scavenger hunt. Pick up your free ARRL Passport at the ARRL EXPO exhibits area. Use your ARRL Passport as you wander from exhibitor to exhibitor and from activity to activity. Look for Passport signs throughout the convention, and collect Passport codes to qualify to win great prizes! No purchase necessary to participate. **Each copy of ARRL Passport includes the official rules and entry form.** Limited to the first 5,000 visitors to the ARRL EXPO exhibits area. Pick up your ARRL Passport, and join the fun!



ARRL Passport Prizes

(confirmed by press time)

- Icom IC-7000 HF/VHF/UHF All Mode Transceiver
- Icom IC-PCR1500 PC Controlled Receiver
- Kenwood TH-F6A 144/220/440 MHz Handheld Transceiver
- AOR DS3000A Wideband Discone Antenna
- AOR DS3000A Wideband Discone Antenna
- Alinco DJ-C7T 144/440 MHz Micro Transceiver



ARRL EXPO 2006

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ARRL EXPO EXHIBITS AND BOOTHS

- **ARRL Bookstore** - Purchase publications, join or renew your ARRL membership, and pick up official ARRL merchandise.
- **Meet the Authors!** - Here's your chance to shake hands with some of ham radio's most well-known authors and editors. Get an autograph!
- **ARRL Grassroots Lobbying** - Join the effort to support ARRL Federal legislative initiatives that are helpful to ham radio.
- **The ARRL Lab** - Product review testing, RFI/EMI information, BPL presentation and more.
- **ARRL Education & Technology Program** - See displays of ARRL program kits, projects, activity boards and other resources available to schools and teachers. Also, information about Amateur Radio on the International Space Station (ARISS).
- **ARRL Youth Activities and Youth Lounge** - Whether you're one or twenty-one, drop by this exhibit for ham radio FUN: fox-hunts, scavenger hunts, Morse code fun, crafts, prizes, snacks and more! Stop by to meet and socialize with other young hams.
- **ARRL Media and Public Relations** - featuring the "Hello..." campaign, celebrating 100 years of voice over radio. Find out how you can become involved in Amateur Radio's largest and most ambitious public relations campaign.
- **ARRL Affiliated Clubs and Mentor Program**
- **Emergency Communications and Public Service** - Ham Aid "Go Kits" will be displayed. Register for the popular ARRL Amateur Radio Emergency Communications online courses.
- **ARRL Section Managers and Section Leaders** - Visit this gathering area for ARRL Field Organization networking.
- **DXCC Card Checking** (see **ARRL Activities** for additional information)
- **TravelPlus for Repeaters™** software demonstration
- **ARRL Volunteer Examiner Coordinator** - Licensing forms, testing information and more.
- **ARRL Development** - Diamond Club, Spectrum Defense Fund, Education & Technology Fund, W1AW Endowment Fund and more.
- **The ARRL Foundation** - Scholarships and Grants for Amateur Radio.
- **ARRL Services!** - New to ham radio? Got a question? ARRL is here to help YOU.
- **ARRL guest exhibits:**
 - **The National Association of Radio and Telecommunications Engineers**
 - **United States Power Squadrons®**

ARRL ACTIVITIES & SPECIAL EXHIBITS

The ARRL Stage (ARRL EXPO area)

See live presentations every half hour at the ARRL Stage, located in the ARRL EXPO area. A list of presentations is posted near the stage. Hear from ARRL volunteers and staff on a variety of topics!

ARRL Internet Café and WiFi

Got a laptop? The ARRL EXPO exhibit area in the Hara Ballarena is equipped with a wireless LAN. The system is 802.11b/g compliant. Any laptop or device equipped for wireless will enjoy Internet access within the ARRL EXPO vicinity. The ARRL EXPO will also include a small Internet café with computers set up to browse. Access your e-mail and the Internet. Surf away! *Compliments of ARRL, in partnership with the Dayton Microcomputer Association.*

DXCC Card Checking (ARRL EXPO area)

Friday, Saturday, and Sunday

Personnel from the ARRL DXCC Branch will be on hand to check your DX cards and applications. All cards will be eligible for checking, including old cards, cards for deleted countries and cards for 160-Meters. Applications will be limited to 120 cards (more cards will be checked as time and volunteer Card Checkers are available). See www.arrl.org/awards/dxcc for the latest program information and current forms.



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Meet the Authors! (ARRL EXPO area)

Here's your chance to shake hands with some of ham radio's most well-known authors and editors. Get an autograph! (a schedule will be posted at the table)

- Michael Bryce, WB8VGE, author, *Emergency Power for Radio Communications*
- Walter Fields, W4WCF, author, *Marine Amateur Radio*
- Steve Ford, WB8IMY, QST Editor, and author of many ARRL publications
- Joel Hallas, W1ZR, QST Product Review Editor and author of *Basic Radio - Understanding the Key Building Blocks*
- Rick Lindquist, N1RL, ARRL News Editor
- Carl Luetzelschwab, K9LA, NCJ Editor—*The National Contest Journal*
- Dean Straw, N6BV, ARRL Antenna Book Editor, and editor of many ARRL publications

Amateur Radio License Examinations

Friday, May 19, 2:30 PM

Saturday, May 20, 9:30 AM and 2:30 PM

ARRL/VEC administered Amateur Radio license examinations will be provided by the Dayton Amateur Radio Association. Technician through Extra class exams will be given. For the latest examination times and reservations (highly recommended) visit www.arquillalabs.com/license.html or contact Mike Arquilla, N8SD, n8sd@arquillalabs.com.

Commercial License Examinations

Friday morning, May 19

Sunday morning, May 21

FCC Commercial License testing (GROL exam) will be provided by NARTE, the National Association of Radio and Telecommunications Engineers. Testing fee is \$50 (not included in Hamvention entrance fee). For more information or pre-registration contact NARTE at 1-800-89-NARTE or visit www.narte.org.

ARRL Relaxation Station (ARRL EXPO area)

This seating area is for YOU. Sit down and relax, catch up with old and new friends. Post your call sign on the board, so others will know you were here!

ARRL Youth Activities

ARRL Youth Activities and Youth Lounge (ARRL EXPO area) - Have you been to a youth forum before and felt as if you had no time to talk to the other youth that were there? Well, this year, stop by the ARRL Youth Lounge to meet and socialize with other young hams. Whether you're one or twenty-one, the Youth Lounge, located in the ARRL EXPO area, is sure to offer something that you'll enjoy. Come to chat with other hams, listen to music, grab a snack, or participate in one of the many activities: fox-hunts, scavenger hunts, Morse code fun, a QSL card designing contest, crafts, prizes, and more. Even if you're not licensed, you're welcome to come by and join the fun!

ARRL Youth Calling Frequencies: If you're looking for other youth during the convention, try calling them on the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary.

2006 ARRL Dayton Youth Dinner, Saturday May 20, 5:30 PM - Attention all youth! Join us for the second year in a row at the ARRL Dayton Youth Dinner. Parents are welcome to come, as well, but they'll be seated at separate tables, so that youth can be youth and parents can be parents. Sign up in the ARRL Youth Lounge (located in the ARRL EXPO area) so that we'll have an estimate of how many are coming. See Andrea Hartlage, KG4IUM, with any questions.

Dinner Location and Directions: Ryan's Grill Buffet & Bakery, 6999 Miller Lane, Dayton, OH 45414. (937) 415-5718. From Hara Arena: Take a RIGHT onto Wolf Road and travel 0.4 miles. Turn LEFT onto Turner Road. Continue going straight for approximately three miles; Turner Road will become Shoup Mill Road, then Needmore Road. Take a LEFT onto North Dixie Drive, and travel 1 mile. Take a RIGHT onto Stop 8 Road and travel approximately 0.3 miles. Turn LEFT onto Miller Lane, and travel approximately 0.6 miles. It's also exit 59 on I-75. *Talk in will be on one of the youth calling frequencies: 145.540 MHz (107.2 Hz CTCSS) primary and 146.430 (233.6 Hz CTCSS) secondary.*

Special thanks to ARRL volunteer Andrea Hartlage, KG4IUM, for organizing the ARRL Youth Activities.



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ARRL FORUMS

See the forum schedule elsewhere in the Hamvention® program for a complete slate of convention forums including the Teacher's Workshop with Carole Perry, WB2MGP and Youth in Amateur Radio forum, FCC, DXing, Contesting forums and more!

Friday May 19, 2006

ARRL Grassroots Lobbying Forum

9:00 AM - 10:00 AM, Room 1

ARRL Clubs and Mentoring Forum

9:00 AM - 10:00 AM, Room 2

ARRL: Main Street USA

Meet ARRL President Joel Harrison, W5ZN

10:00 AM - 11:00 AM, Room 1

Amateur Radio and The Law, "Getting it Up and Keeping it Up"

12:30 PM - 2:30 PM, Room 3

Antenna Forum

Includes a presentation by *ARRL Antenna Book* Editor, Dean Straw, N6BV, titled "Another Way to View Propagation Predictions for DXing and Contesting"

1:30 PM - 4:00 PM, Room 1

Saturday May 20, 2006

ARRL Membership Forum

8:15 AM - 9:15 AM, Room 3

ARRL Public Relations Forum featuring the "Hello..." Campaign

8:15 AM - 9:15 AM, Room 5

AMSAT Forum

8:15 AM - 11:00 AM, Room 1

Sunday May 21, 2006

Disaster Communications Overview

A review of emergency response in 2005

8:30 AM - 10:45 AM, Room 1

ARRL Resources for Teachers and Instructors

8:30 AM - 9:45 AM, Room 5

ARRL: Broadband Over Power Line (BPL) Update

10:30 AM - 12:00 PM, Room 2

THANK YOU!

ARRL expresses its gratitude to the 2006 Dayton Hamvention® Committee and volunteers that contributed to the success of ARRL EXPO 2006 in Dayton, Ohio.

Got an idea for next time?

Please contact the office of the ARRL EXPO Coordinator, email expo@arrrl.org.



2006 ARRL EXPO at Dayton Hamvention®

15-minute presentations on the "ARRL Stage"
(ARRL EXPO area in the Ballarena Exhibit Hall)



Friday May 19, 2006

9:30 AM	<u>Getting Started with HF Digital</u> , Steve Ford, WB8IMY, <i>QST</i> Editor and ARRL Publications Manager. A discussion of HF digital modes and what you need to get started.
10:00 AM	<u>ARRL's Logbook of the World (LoTW)</u> , Wayne Mills, N7NG, ARRL Membership Services Manager. Live demonstration of LoTW. Are your QSL's uploaded yet?
10:30 AM	<u>A New Look for QST Product Review</u> , Joel Hallas, W1ZR, <i>QST</i> Technical Editor. Find out how the graphical presentation and measurements have changed to make the data more useful.
11:00 AM	<u>Public Speaking before Civic Groups</u> , Bill Morine, N2COP, ARRL Public Relations Committee. Civic groups often include influential community leaders. Learn how to get them to understand ham radio.
11:30 AM	<u>The Most Fun You Can Have With A Rock</u> , Dennis Motschenbacher, K7BV, ARRL Sales & Marketing Manager. An introduction to working VHF DX with a small station by taking advantage of meteors that streak across the skies.
12:00 PM	<u>Join ARRL!</u> , Katie Breen, W1KRB, ARRL Membership Manager. Why you should become a part of the ARRL family!
12:30 PM	<u>Broad Band over Powerline and the Amateur Radio Service</u> , Ed Hare, W1RFL, ARRL Lab Manager. A short presentation on BPL followed by answers to YOUR questions.
1:00 PM	<u>Now That You Have Your License, What's Next?</u> , Norm Fusaro, W3IZ, ARRL Affiliated Club/Mentor Program Manager. Here are a few simple steps to help the new ham get active and start having fun.
1:30 PM	<u>Fundraising IS NOT About Money</u> , Kevin O'Dell, NØIRW, PIC Oklahoma Section and ARRL Public Relations Committee. Successful fundraising is all about marketing.
2:00PM	<u>10 Million Hits Tracking An Empty Russian Space Suit</u> , Rosalie White, K1STO, ARRL ARISS Program Manager. What's so intriguing about an empty space suit? Plenty of things if it contains ARISS ham radios and is named SuitSat 1. Find out about these, plus plans for SuitSat 2!
2:30 PM	<u>Why At Least One Repeater in Your Town Still Needs Autopatch</u> , Bill Morine, N2COP, ARRL Public Relations Committee. Many clubs have dropped autopatch connections because of easy access to cell phone service, but disasters show that autopatch needs to be maintained as part of emergency planning.
3:00 PM	<u>DXing for Beginners</u> , Norm Fusaro, W3IZ, ARRL Affiliated Club/Mentor Program Manager. Using these tips and tools, a good operator with a modest station can join the excitement of pursuing DX.
3:30 PM	<u>OSL! OSL! How to send them so you'll get them</u> , Kay Craigie, N3KN, First Vice President, ARRL.
4:00 PM	To Be Determined

Continued to reverse side for Saturday and Sunday >

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10:30 AM	<u>OSL! OSL! How to send them so you'll get them</u> , Kay Craigie, N3KN, First Vice President, ARRL.
11:00 AM	<u>Building a Successful Public Information Officer (PIO) Field Organization</u> , Bill Morine, N2COP, North Carolina Section Public Information Coordinator (PIC) and ARRL Public Relations Committee. Recruiting, training and retaining an effective Public Information Officer (PIO) field force isn't hard and can be fun.
11:30 AM	<u>Getting Started with HF Digital</u> , Steve Ford, WB8IMY, <i>QST</i> Editor and ARRL Publications Manager. A discussion of HF digital modes and what you need to get started.
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1:30 PM	<u>Why Ladies Love Ham Radio</u> , Sherri Brower, W4STB, ARRL Public Relations Committee Chairman. YLs from around the country share ideas about their love of ham radio and operating activities they pursue.
2:00PM	<u>ARRL Section Manager Forum</u> , Joe Phillips, K8QOE, Ohio Section Manager. A gathering of all SMs attending Hamvention!
3:00 PM	<u>What's the Average Age of the Ham Radio Operator?</u> , Andrea Hartlage, KG4IUM, ARRL Youth Contributing Editor and Georgia Assistant Section Manager/Youth. Provides some insight on how and why the average age can and should be reduced.
3:30 PM	<u>Estate Planning and Legacy Opportunities</u> , Mary Hobart, K1MMH, ARRL Chief Development Officer. How you can support future generations of hams by including ARRL in your will or other estate gift.
4:00 PM	<u>10 Million Hits Tracking An Empty Russian Space Suit</u> , Rosalie White, K1STO, ARRL ARISS Program Manager. What's so intriguing about an empty space suit? Plenty of things if it contains ARISS ham radios and is named SuitSat 1. Find out about these, plus plans for SuitSat 2!

Sunday May 21, 2006

9:00 AM	<u>Meet the new ARRL Ham Radio License Manual!</u> , Bob Inderbitzen, NQ1R, ARRL Marketing Manager.
9:30 AM	<u>The Most Fun You Can Have with a Rock</u> , Dennis Motschenbacher, K7BV, ARRL Sales & Marketing Manager. An introduction to working VHF DX with a small station by taking advantage of meteors that streak across the skies.
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