



Dial Radio Club



Middletown, Ohio

APRS Digipeater: W8MWO (MWO) 144.39

Repeaters: 52.21/53.21, 146.01/146.61, 147.915/147.315, 223.36/224.96,
449.825/444.825

Web page: <http://www.qsl.net/w8blv/>

e-mail: dial@qth.net

President:

Art Frasik, N8PI

Vice-president:

Mark Johnson, WD8DFK

Secretary:

Jon Slone, K8TNF

Treasurer:

Ron Spaulding, N8NQF

Activities Manager:

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Elaine Howard, KC8WOF

May 2005

Hamvention[®] 2005

May 20, 21, 22

Outdoor spaces 3201, 3202, 3203

**Minutes of the April 18, 2005
Dial Radio Club Meeting**

Attendance:

N8YIG, Becky, AF8T, N8XQ, WB8MYT, N8TFH, WB8DPZ, W8GNV, N8GGE, N8HP, K8CM, W8WLM, KB8WKL, N8DHW, KC8TXA, W8MVN, KD8W, K4BQE, N8BH, K2RWP, KD8BCV, KB8VSX, KB8ZMO, Jennifer, Harold, WA8DTV, W8LKU, WD8DFK, N8EH, N8HRA, N8OZN, KC8WOF, W8EH, N8NQF, AB8QP, K8TNF

Call to Order:

The meeting was called to order by Art, N8PI.

Secretary's Report:

Motion by Ernie, N8EH, second by Kelly, N8XQ, to dispense with reading and approve the minutes of the last meeting as published in the *Newsletter*. Motion approved

Treasurer's Report:

106 members representing 64 families

Repeater/Station Report:

Station report by Ernie, W8EH. We are experiencing a continuing problem on the 146.610 repeater and are now running 118.8 Hz PL tone on the repeater.

Activity Report:

Don't forget the Thursday intercom net at 9p.m., and the Saturday round table net at 9:30 p.m. Both nets meet on the 146.610 repeater.

The ARES net is on Tuesday at 7:30p.m. on 147.330+ with a 118.8 Hz PL tone. An ARES flood drill will take place on May 11th at 19:00; meet in room 229 at Butler Tech.

Classes and Exams:

Beverly, N8GGE. The remainder of the classes have been canceled. The next exam will be May 4th.

Old Business:

Carl would like anyone choosing to receive our newsletter on e-mail instead of hard copy to contact him. Starting soon the *Newsletter* will be produced by Nicole Slone, the wife of Jon Slone, K8TNF.

New Business:

A motion was made to buy a new UHF link receiver for the

Next Meeting: Monday, May 16, *Golden Corral Buffet & Grill*; dinner at 6 meeting at 7

146.61 repeater, this will help alleviate the noise we have been experiencing. Motion made by Carl, K8CM, seconded by Kelly, N8XQ. Motion approved.

Adjourn:

There being no further business, a motion to adjourn was made by Carl, K8CM, and seconded by Kelly, N8XQ. Motion approved without dissent.

Jon W. Slone, K8TNF
Secretary

New Callsign

Congratulations to Kelly Wills, N8XQ, (formerly KC8ZJM and AB8UF) upon receipt of his new call sign.

Hamvention 2005 - May 20, 21, 22

We've received official notice from *Hamvention* and we have the same outside vendor location (spaces 3201, 3202, 3203) as in the past few years.

Lunch will again be available on-site. Menu will be the same as last year as will the donation; \$10/daily or \$20 for the weekend.

Lunch reservations and payments are to be made to Ron, N8NQF, on or before noon, Friday, May 6.

Since we're not permitted to sell food at *Hamvention*, food, snacks, and drinks will be available only to *DIAL* members who have made prior reservations.

DIAL's on-site repeater will again be operating at *Hamvention* on 147.315+ using PL tone of 100 Hz. [K8CM]

Field Day - 2005

Field Day - 2005 will be held in Smith Park, Middletown, as was done last year. More details and set up schedule will be forthcoming in next month's *Newsletter*

The *Butler County VHF Association* and *Butler County ARES* will again join us for both operating activities and the traditional family picnic.

Mark your calendar now for the Field Day Family Picnic to occur at 6 pm, Saturday, June 25, at the Field Day site in Smith Park. Please let Lorie know that you are attending and the number of persons you are bringing. Also bring a covered dish to share. Reach Lorie, W8LKU, on the air (Thursday night Net), by phone (937-743-9540), or e-mail <dishgirl@worldnet.att.net>.

[K8CM]

Congratulations!!!!!! We Did It! November ARRL Phone Sweepstakes Results are In

Congratulations to those who participated in the **November 2004 Sweepstakes Contest!** We got a CLEAN SWEEP!!!!!! We worked all 80 ARRL sections and achieved a total of 36,000 points. No we didn't break any records, or win our category, but we accomplished OUR goal of getting the sweep. It's official this year. You all deserve a big pat on the back!!!!

There were 1557 total entries and only 201 worked all 80

sections. We placed 6 out of 20 in the Great Lakes Division (based on sections worked). We placed 187 out of 1557 of total entries (based on sections worked)

What I thought was pretty impressive was that one station had 269,548 points, but only 79 sections. We got all 80 with only 36,000 points. And, one station got a sweep with only 80 contacts and only 12,000 points.

Don't forget **Field Day**, June 24-26, 2005. If you can't make it out, you can still include your contacts as part of the Dial Radio Club K8PI entry. You are still part of the team!

[KF8PD]

Ham License Exams

An examination session in Technician, General and Extra Class Amateur Radio Operator's License will be conducted on:

**Wednesday evening, May 4, 2005
at 6:30 p.m. in room 13 Johnston Hall,
Miami University-Middletown, Middletown, OH**

Doors will open for registration at 6 p.m. Please plan to arrive early as all registration activities must be completed by 7 p.m.

Applicants must furnish the original and one photocopy of their current license (if any), original and one photocopy of any certificates of successful completion of examination (CSCE) they may hold, positive (photo) identification, social security (TIN) or Licensee ID number, and the test fee of \$14.

NCVEC Form 605, Application for License, will be available at the test site. Advance registrations are recommended but not required ... walk-ins are accepted on a "space available" basis. Map to exam site and/or NCVEC 605 form available from K8CM for SASE.

Advance registration consists of a completed NCVEC 605, copies of your current license and valid CSCEs, and a check (\$14) made payable to the *Dial Radio Club*. Please enclose a note stating the class of license you will be attempting. Advance registrations should be mailed to: David Williamson, 5766 Trenton-Franklin Road, Middletown, OH, 45042, and must arrive no later than Monday, May 2. **Please include your telephone number on your check.**

Special examination accommodations must be requested at least two weeks prior to the test date.

Additional information may be obtained from David Williamson, KD8W (424-5819).

Talk-in on 146.610 -

ARRL Executive Committee Readies Bandwidth Recommendations

Acting on the premise that the amateur bands must flexibly and comfortably accommodate present and future operating modes and technologies over the long haul, the ARRL Executive Committee has reached consensus on recommendations to the ARRL Board of Directors for a regulation-by-bandwidth proposal. The recommendations the panel adopted April 9 in Denver will form the basis of a draft ARRL petition to the FCC seeking to govern the usage of amateur spectrum by emission bandwidth rather than by mode. The proposals remain only EC recommendations at this point, and the League will file nothing with the FCC until the ARRL Board

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gives its go-ahead. Five of the 15 voting Directors sit on the EC. ARRL CEO David Sumner, K1ZZ, says a key principle underlying the League initiative is that the amateur community must shoulder the responsibility for resolving conflicts among potentially conflicting modes and not expect--or wait for--the FCC to impose its own solutions.

"We are in the early stages of a dramatic shift in amateur HF operating patterns, and it's impossible to predict where this shift may lead," Sumner said. "The FCC rules should not stand in the way of where technology takes us in our fulfillment of the bases and purposes of Amateur Radio." The bandwidth initiative is aimed in part at encouraging new digital modes, but the primary emphasis is to avoid having to write a new rule every time a new mode bursts onto the scene. The League's proposals will establish a framework that creates an environment for change over the next decade--and perhaps longer, Sumner concluded. The Board will consider the draft petition, now on the drawing board, at its July meeting.

The EC recommendations abandon efforts to have the FCC segregate digital and analog emissions by rule. As the EC sees it, the FCC rules should simply set out band segments in which amateurs may employ bandwidths of up to 3 kHz, with any further subdivision left up to amateur band planning. The EC acknowledged a need to improve band planning mechanisms for this approach to work well, however.

"Certainly there have to be mechanisms to minimize interference between analog and digital stations, since they cannot compatibly share the same frequency," Sumner explained. But, he says, using FCC rules to subdivide the HF bands is the wrong approach, in part because they're too static and too difficult to change.

Resolving two issues that have been hanging fire, the EC's proposals would permit semi-automatic control (ie, with a control operator at the querying station) throughout the amateur HF bands. Sumner says that while this carries some risk of interference, the EC believes the amateur community can manage it more effectively through a combination of technology and respectful operating practices. Additionally, automatic control would continue to be permitted at bandwidths of up to 3 kHz in narrow segments of some HF bands.

The EC made no change to its earlier recommendation that the rules continue to permit double-sideband, full-carrier AM and independent sideband (ISB) as specific exceptions to the 3 kHz bandwidth limit--with restrictions of 9 kHz and 6 kHz respectively--on all bands now allowing 'phone transmissions. (In ISB, or independent sideband, each sideband of a double-sideband signal carries information or data independent of the other.)

FCC rules now permit RTTY and data emissions throughout the HF CW subbands. "It is only through compliance with 'gentlemen's agreements' that RTTY and data signals are not heard in the parts of the band that are generally used for CW," Sumner notes. The ARRL would propose limiting bandwidth in the "CW subbands" to 200 Hz, which also will accommodate data modes such as PSK31. In addition, the League's proposal would set bandwidth limits of either 500 Hz or 3 kHz in the rest of the bands below 29 MHz. The proposals would not affect 60 or 160 meters.

"The objective is not to expand the phone bands to let robot stations run roughshod over the phone bands, or to effect any other immediate change in amateur operating practices," Sumner emphasized. For example, while the 3-kHz bandwidth segment of the 30-meter band theoretically could accommodate voice, this is

prohibited by international band plan agreements because the band is so narrow. Additionally, the Amateur Service is secondary on 30 meters and must protect the primary fixed service from interference. Sumner pointed out that there now is no effective bandwidth limit on HF digital operation. The existing 500 Hz bandwidth limit applies only to automatically controlled stations in semi-automatic operation. Band segments limited to 200 Hz and 500 Hz respectively provide greater protection for narrowband operations than exists today, Sumner stressed.

Frequently Asked Questions (FAQs) on the EC recommendations are available on the ARRL Web site

<<http://www.arrl.org/announce/regulatory/bandwidth/bw-faq.html>>. Direct comments on these proposals via e-mail to <bandwidth@arrl.org>.

[ARRL Letter]

Experimental License, BPL Court Challenge on Executive Committee Agenda

The ARRL has applied to the FCC for a Part 5 Experimental license on behalf of a group of amateurs interested in operating in the vicinity of 500 kHz. ARRL General Counsel Chris Imlay, W3KD, announced the filing during a meeting of the ARRL Executive Committee April 9 in Denver. The experimental application was among several items the EC dealt with in addition to its recommendations <<http://www.arrl.org/news/stories/2005/04/13/1/>> <<http://www.arrl.org/news/stories/2005/04/13/1/>> to the ARRL Board of Directors regarding a planned regulation-by-bandwidth petition.

If granted, the two-year Part 5 license would permit experimentation and research between 495 and 510 kHz using CW and PSK31 at power levels of up to 20 W effective radiated power. ARRL Member Fred Raab, W1FR, of Burlington, Vermont, would manage the project, which calls for 23 discrete fixed sites from New England to California and Minnesota to Louisiana.

In other business, Imlay noted that the pleading cycle on petitions for reconsideration of the FCC's October 14, 2004, Report and Order (R&O) on Broadband over Power Line (BPL) has closed. He also reminded the panel that the FCC has yet to take effective enforcement action in a single case of ongoing BPL interference.

Imlay informed the EC that he sees at least two strong procedural bases to challenge the BPL R&O in the US Court of Appeals. After some discussion, the committee instructed Imlay to develop a recommendation for outside counsel to assist with such an appeal. In March, ARRL CEO David Sumner, K1ZZ, said the League did not expect the FCC to make any substantive changes to the R&O in response to various petitions for reconsideration and that the BPL proceeding ultimately would wind up in court.

On other legal and legislative matters, Imlay indicated that the FCC R&O in another proceeding, "Nationwide Programmatic Agreement for Review Under the National Historic Preservation Act of 1966," WT Docket 03-128, has implications for radio amateurs who might want to install antennas near historic sites. Required procedures could be cumbersome and expensive, he told the EC. The committee asked ARRL staff to begin discussions with FCC staff to come up with the best way to minimize the burden on both Amateur Radio licensees and the Commission.

The EC reviewed the status of enforcement action against an unlicensed individual in Southern California and agreed that the

process has been unacceptably slow. The result has been continued and ongoing interference to repeaters in the Los Angeles area.

ARRL President Jim Haynie, W5JBP, reported to the EC on recent informal discussions with National Telecommunications and Information Administration (NTIA) personnel regarding the possibility of increasing amateur privileges in the 60-meter band. Haynie cited the favorable experience to date sharing five discrete channels with federal government stations. A possible presentation to federal government spectrum managers could be the next step.

Haynie also reported briefly on his February visit to Central America to promote Amateur Radio as an educational tool. Haynie expressed appreciation for the help of ARRL Technical Relations Office staff member John Siverling, WB3ERA, and noted that the ARRL delegation was warmly received.

Minutes of the April 9 Executive Committee meeting are on the ARRL Web site

<http://www.arrl.org/announce/ec_minutes_476.html>.

[ARRL Letter]

School Community Cooperation, Student Activities Enhance Space QSO Experience

Even before a dozen third, fourth and fifth graders got to speak via ham radio April 8 with the International Space Station, Flory Academy of Sciences and Technology in Moorpark, California, was a beehive of activity and excitement. Flory science teacher Pat Bachamp says everyone pitched in beforehand to help make the QSO a memorable educational experience, and more than 700 turned out at the school to witness the event.

"All of our students have been quite busy planning for this event," Bachamp noted with just about two minutes to go until the ISS came into radio range of ground station NN1SS in Greenbelt, Maryland. She described students wearing NASA flight gear, holding models of shuttles, rockets and the ISS. Adorning the stage was huge banner reading, "Beam us up, NASA!" Other activities included space news, humor and even poetry, broadcast on the school's low-power FM station, KFLR.

Responding to one youngster's question, "Why do we want to explore space, and why not leave some mysteries stay mysteries?" Expedition 10 Commander Leroy Chiao, KE5BRW, said it's human nature to be curious.

"And so we always want to know what's on the other side of that mountain, and that's what drives us, that's what sets us apart as a species," Chiao said. "We can explore space, and I don't think we'll ever fully understand it, so I don't think we'll have any problem still having some mysteries."

Replying to other questions, Chiao said that although his and crewmate Salizhan Sharipov's duty tour is winding down, the crew is still involved in some scientific research aboard the ISS, including a telemedicine experiment. The ISS crew has been using an ultrasound device in space as part of an effort to enable physicians on Earth to diagnose health problems that might arise during long-term space ventures. Chiao also has been serving as NASA ISS Science Officer during Expedition 10. In all, the youngsters managed to get in 15 questions before the ISS went out of range of NN1SS.

Handling ground station duties at NN1SS was Dave Taylor, W8AAS, while ARISS Program Manager Frank Bauer, KA3HDO, moderated the event. The contact was arranged by ARISS with

assistance at the school from Ota Lutz, KD5UQZ, of NASA's Aerospace Education Services Program, Flory Principal Pam Hill and Bachamp.

Providing onsite engineering and other assistance were members of the Conejo Valley Amateur Radio Club, the Ventura County Amateur Radio Society and the Simi Settlers Amateur Radio Club. MCI donated a teleconferencing link to provide two-way audio between NN1SS and the school.

The Flory ARISS school group contact attracted media attention from at least three TV stations and two newspapers from the Los Angeles area. ARISS <<http://www.rac.ca/ariss>> is an international educational outreach, with US participation by ARRL, AMSAT and NASA.

[ARRL Letter]

Ham-Radio-in-Space Pioneer Tony England, WOORE, to be ARRL Expo Guest

Tony England, WOORE, the second US astronaut to ever use Amateur Radio in space, will be a special guest of the League's at ARRL EXPO 2005 <<http://www.arrl.org/announce/nc/2005/>> at Dayton Hamvention® <<http://www.hamvention.org>>.

Present plans call for England to be at the ARRL EXPO 2005 area in the Ballarena of the Hara Arena complex Friday, May 20, from 9:30 until 10 AM, and at the ARRL youth activities area from 10 until 10:30 AM. Visitors may want to have England autograph their Dayton Hamvention® programs or ARRL Passports.

During his NASA career, England served on the support staff for the Apollo 13 and 16 flights. In 1985, England flew the Space Amateur Radio Experiment (SAREX) during the STS-51F Spacelab-2 mission. He retired from NASA in 1988 after logging 188 hours in space.

England, 62, now is Associate Dean for Academic Affairs for the University of Michigan College of Engineering as well as a professor of electrical engineering and computer science and professor of atmospheric, oceanic and space sciences.

[ARRL Letter]

ARRL Seeks Nominations for 2005 McGan Memorial Silver Antenna Award

Nominations are due May 20 for the 2005 ARRL Philip J. McGan Memorial Silver Antenna Award <<http://www.arrl.org/pio/mcgan/2005/mcgan-nom-2005.html>>. This annual League award recognizes and honors achieved success in public relations on behalf of Amateur Radio at the local, state or national level. ARRL Media and Public Relations Manager Allen Pitts, W1AGP, encourages and invites nominations for this year's McGan Award of candidates who reflect the high standard of achievement the award's namesake epitomized.

"Throughout the year ARRL Public Information Coordinators, Public Information Officers and other public relations volunteers strive to keep Amateur Radio visible in their communities by publicizing special events, writing press releases and maintaining good relations with local media--among many other valuable activities," Pitts says. "Their efforts benefit us all."

The award's namesake, journalist Philip J. McGan, WA2MBQ (SK), served as the first chairman of the ARRL's Public Relations

Committee, which helped reinvigorate the League's commitment to public relations. Unfortunately, McGan never got to see the fruits of his efforts, but the award bearing his name was established as a lasting tribute to his important contributions.

"The 2005 McGan award will go to a ham who has demonstrated success in Amateur Radio public relations and who best exemplifies the volunteer spirit of Phil McGan," Pitts said.

The McGan award is given only to an individual, and a candidate must be a full ARRL member in good standing at the time of nomination. The nominee may not be compensated for any public relations work involving Amateur Radio--including payment for articles--and may not be a current officer, director, vice director, paid staff member or member of the current selection committee.

Pitts notes that some confusion persists between what constitutes public relations as opposed to public service. "Public relations activities for which the McGan Award is given include efforts specifically directed at bringing Amateur Radio to the public's attention in a positive light, typically via the news media--TV, radio or print publications," Pitts explains. "This may include traditional methods like news releases or less-traditional methods that could include such activities as hosting a radio show or being an active public speaker."

Pitts points out that public service contributions such as emergency communications, net leadership and other activities--while valuable--don't fit the definition of public relations.

Anyone may make a nomination. Nominations must be on an official entry form, available from the ARRL Web site <<http://www.arrl.org/pio/mcgan/2005/Nom-form-05.pdf>> or via mail from League Headquarters from Allen Pitts, W1AGP, apitts@arrl.org; 860-594-0328.

A committee of PR-savvy Amateur Radio operators will screen eligible nominations and forward its recommendation to the Volunteer Resources Committee of the ARRL Board of Directors. The Board makes a final determination at its July meeting.

Send the completed entry form and supporting materials to: Philip J. McGan Memorial Silver Antenna Award, c/o Allen Pitts, W1AGP, ARRL, 225 Main St, Newington, CT 06111. Nominations must be received at ARRL HQ in Newington by 5 PM on Friday, May 20, 2005. Nominations arriving after the deadline or without an entry form cannot be considered.

[ARRL Letter]

FCC Licensees Outside Region 2 to Gain Early Access to 7100-7200 KHz

The FCC has given licensees operating in FCC-administered territory in Regions 1 and 3 early access to 7100-7200 kHz. The change was included in a massive Report and Order (R&O) in ET Docket 04-139, a portion of which dealt with 40-meter worldwide realignment. ARRL CEO David Sumner, K1ZZ, said the ARRL was grateful to the FCC for allowing amateur stations it regulates in Regions 1 and 3 to gain prompt access to 7100-7200 kHz.

"This will make it easier for amateurs throughout the world to use the very popular and crowded 40-meter band and will facilitate disaster communications," Sumner said. He added that ARRL joins the FCC in cautioning Commission-licensed amateurs outside of Region 2 to avoid interfering with broadcast stations in the 7100-7200 kHz band during the transition period, which ends in 2009 per an agreement reached at WRC-03.

Sumner credited the efforts of Larry Gandy, AH8LG, and the American Samoa Amateur Radio Association, who supported the ARRL's comments in the proceeding, for helping to advance the proposal. Gandy argued that during a typhoon that struck American Samoa, communication would have been significantly improved had amateur operators been allowed access to 7100-7200 kHz.

Other countries also have made 7100-7200 kHz available to amateurs, generally on a secondary, non-interference basis. Sumner said that even with constraints, access to this band by amateurs in a growing number of countries "is a significant benefit to the Amateur Radio Service," and he said the League appreciates the Commission's efforts to extend this benefit to its licensees, especially those in the US Pacific insular areas in Region 3.

In a footnote to the R&O, the FCC said amateur operators may file interference complaints if they receive interference from HF broadcast signals directed to Region 2. "In the current seasonal schedule, we observe that several HFBC signals are directed to the United States in the band 7100-7300 kHz," the FCC noted. The FCC has not announced the effective date of the rule change.

[ARRL Letter]

FCC Adopts Rule Changes for "Smart Radios"

The FCC has released a Report and Order (R&O) on cognitive or "smart radio" systems. In its 42-page R&O, "Facilitating Opportunities for Flexible, Efficient, and Reliable Spectrum Use Employing Cognitive Radio Technologies" (ET Docket 03-108), the Commission declined to adopt any new regulations for Amateur Radio transceivers or for digital-to-analog (D/A) converters "at this time." The ARRL and the National Public Safety Telecommunications Council had commented earlier on the impracticality of incorporating hardware features to prevent out-of-band transmissions. The League, AMSAT-NA and TAPR also opposed regulating the marketing of high-speed D/A converters as burdensome, more costly to consumers and unnecessary because the devices don't pose a risk of interference.

"No parties have provided any information that shows that software programmable amateur transceivers or high-speed D/A converters present any significantly greater risk of interference to authorized radio services than hardware radios," the FCC concluded in its R&O. The Commission went on to note that "certain unauthorized modifications of amateur transmitters are unlawful" and that it may revisit the issues "if misuse of such devices results in significant interference to authorized spectrum users."

In its December 2003 Notice of Proposed Rule Making (NPRM) leading up to this month's R&O, the FCC had proposed exempting manufactured software defined radios (SDRs) designed to operate solely in amateur bands from any mandatory declaration and certification requirements, provided the equipment incorporated hardware features to prevent operation outside of amateur bands. The Commission also had sought comment on the need to restrict the mass marketing of D/A converters "that could be diverted for use as radio transmitters."

In its comments last May, the ARRL sympathized with the Commission's concerns about out-of-band operation and expressed its appreciation for the FCC's "sensitivity to the need to encourage, rather than discourage, amateur experimentation and innovation." But, the League characterized the FCC's fears as "overstated."

The Commission said its R&O, released March 11, is intended

to "facilitate continued growth in the deployment of radio equipment employing cognitive radio technologies and make possible a full realization of their potential benefits." The hope is that cognitive radios will allow more-efficient use of the radio spectrum.

"Given their technical and operational flexibility, smart radios make possible the improved use of vacant spectrum channels--that is, spectrum that may be available in a specific frequency range at a particular geographic location or during a particular period of time--spectrum that would otherwise go unused," the FCC explained in a Public Notice. "Smart radios have the technical capability to adapt their use of spectrum in response to information external to the radio."

ARRL participates in international bodies that are currently working toward establishing standards for SDRs and cognitive radios. These include International Telecommunication Union (ITU) Working Parties 8A (Land Mobile Service, excluding IMT-2000; Amateur and Amateur-Satellite service) and 8F (IMT-2000 and systems beyond IMT-2000).

The R&O is available on the FCC Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-05-57A1.doc>

[ARRL Letter]

Newsletter — Electronic Version

Would you like to have your *Newsletter* delivered by e-mail rather than US Mail and, by doing so, save the Club approximately \$6 annually in postage charges?

The *Newsletter* will come as a PDF file meaning that you must have *Acrobat Reader* installed on your computer. *Acrobat Reader* is a free download and available from <http://www.adobe.com/products/acrobat/readstep2.html>. Personally, I would download neither the *Yahoo Toolbar* or *Photoshop Album* that are offered at the same location.

Ready to "go for it"; sign up for e-mail delivery by sending your request to me at k8cm@arrl.net.

[K8CM]

ARRL Executive Committee Bandwidth Proposals Unchanged for VHF/UHF

The ARRL Executive Committee's bandwidth recommendations for VHF and UHF bands have not changed since the Committee's recommendations of last August <<http://www.arrl.org/announce/bandwidth.html>>.

They are repeated here. 6 and 2 meters: The proposal preserves the lower 300 kHz in each band for narrowband, weak-signal modes reflecting established practice, but opens the rest of these bands for bandwidths up to 100 kHz. This is intended to permit new modes, particularly multimedia.

☞ 1.25 meters: Both segments of this band already permit up to 100 kHz bandwidth for data. The ARRL requested in RM-10413 that spread spectrum emissions be authorized in the 222-225 MHz segment.

☞ 70 cm through 1 mm: Present rules permit 100 kHz for data but allow wider bandwidth for TV, generally regarded as up to 6 MHz for vestigial sideband AM in bands below 1240 MHz, noting that FM TV is used in bands above 1240 MHz.

In these bands, the rules should minimize regulation of bandwidth to permit maximum flexibility in Amateur operation.

The only limitation should be to keep the occupied bandwidth of the emission in the allocated in the band and utilize normal band-sharing protocols. As reported in *The ARRL Letter*, Vol 24, No 15, the ARRL EC has somewhat altered its recommendations for the HF bands. Visit the ARRL Web site for details <<http://www.arrl.org/news/stories/2005/04/13/1/>>.

[ARRL Letter]

First 47-GHz Moonbounce QSOs Announced

The team of Al Ward, W5LUA, Barry Malowanchuk, VE4MA, Gary Lauterbach, AD6FP, and Sergei Joutiaev, RW3BP, have announced the completion of the first 47-GHz Earth-Moon-Earth (EME) contacts. RW3BP copied the first lunar echoes on 47 GHz in August 2004. That same month, he was heard by AD6FP, W5LUA, VE4MA and VE7CLD. Since the receipt of the first 47-GHz echoes via the moon, numerous tests between RW3BP and AD6FP led to improvements by Joutiaev allowing him to copy calls in January from Lauterbach's lower-power signal. As of April 16, AD6FP, W5LUA and VE4MA have each completed a CW QSO via the moon with RW3BP. "Since Doppler shift can be as much as 100+ kHz at 47 GHz, one must continuously adjust the receive frequency to keep the station centered in the passband," Ward explained. Ward says the operators used various techniques to keep the Doppler-shifted frequency in the receivers' passbands.

[ARRL Letter]

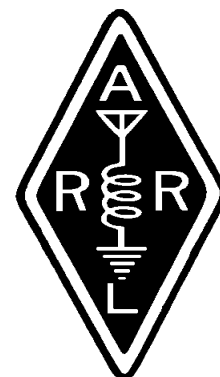
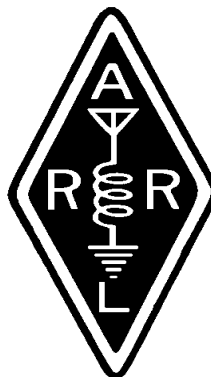
Next Meeting

Our meeting time is 7pm (6pm if you are coming for dinner) and will be at the Golden Corral Buffet & Grill at 3350 Village Drive, Franklin, OH (Towne Mall area).

Hope to see you on Monday, May 16, 2005!!!

A gossip is one who talks to you about others. A bore is one who talks to you about himself. A brilliant conversationalist is one who talks to you about yourself.

Lisa Kirk



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<i>May</i>					<i>2005</i>	
<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thurs</i>	<i>Fri</i>	<i>Sat</i>
1	2	3 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	4 Ham Exams 13 Johnston Hall MU-Middletown Registration opens @ 6 pm	5	6	7 DIAL Roundtable Net @ 9:30 pm W8BLV/R Big Sandy ARC Louisa (KY)
8 Mother's Day	9	10 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	11 Butler County Emergency Communication Team Meeting 7pm Rm 229 D. Russel Lee JVS	12 DIAL Radio Club Net @ 9pm W8BLV/R	13	14 BCVHFA License Exams - 8:30am OH-KY-IN Fox Hunt - 10am DIAL Roundtable Net @ 9:30 pm W8BLV/R
15	16 Dial Meeting 7pm Golden Corral Buffet & Grill Dinner at 6pm	17 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	18	19 DIAL Radio Club Net @ 9pm W8BLV/R	20 Dayton Hamvention	21 Dayton Hamvention DIAL Roundtable Net @ 9:30 pm W8BLV/R
22 Dayton Hamvention	23	24 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	25	26 DIAL Radio Club Net @ 9pm W8BLV/R	27	28 DIAL Roundtable Net @ 9:30 pm W8BLV/R
29	30	31 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	Reservations for Hamvention® activities are due by noon, Friday, May 6. Hamvention spaces, for 2004 Hamvention, are 3201, 3202, and 3203. DIAL's on-site repeater will be operating on 147.315+ using PL tone of 100 Hz.			

May 7: 0800 till 1600 - **ARECC Level I** Classroom training - Hamilton County Communications Center - Civic Center & Hamilton Avenue - Contact Don, n8lmj@juno.com

May 14: 0900 **ARECC Level I** Exam session - Hamilton County Communications Center - Civic Center & Hamilton Ave.; fee \$10

June

2005

<i>Sun</i>	<i>Mon</i>	<i>Tue</i>	<i>Wed</i>	<i>Thurs</i>	<i>Fri</i>	<i>Sat</i>
DIAL Radio Club and Butler County VHF Assn. will combine efforts for Field Day 2005 at Smith Park. Field Day Family picnic at 6 pm Saturday evening. Please plan to come on out and join us!!			1	2 DIAL Radio Club Net @ 9pm W8BLV/R	3	4 DIAL Roundtable Net @ 9:30 pm W8BLV/R
5	6	7 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	8 Butler County Emergency Communication Team Meeting, 7pm Rm 229, Butler Tech	9 DIAL Radio Club Net @ 9pm W8BLV/R	10	11 BCVHFA License Exams - 8:30am OH-KY-IN Fox Hunt - 10am ARRL June VHF QSO Party DIAL Roundtable Net @ 9:30 pm W8BLV/R
12 ARRL June VHF QSO Party Ham-O-Rama Edgewood, KY 147.255+	13 ARRL June VHF QSO Party	14 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	15	16 DIAL Radio Club Net @ 9pm W8BLV/R	17	18 Milford Hamfest Live Oaks Campus Buckwheat Road 147.345+ DIAL Roundtable Net @ 9:30 pm W8BLV/R
19	20 Dial Meeting 7pm Golden Corral Buffet & Grill Dinner at 6pm	21 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	22	23 DIAL Radio Club Net @ 9pm W8BLV/R	24	25 Field Day at Smith Park Family Picnic 6pm DIAL Roundtable Net @ 9:30 pm W8BLV/R
26 Field Day at Smith Park	27	28 Butler County ARES Net 7:30 pm 147.330 - PL 118.8	29	30 DIAL Radio Club Net @ 9pm W8BLV/R		

Field Day Family Picnic 6 pm, Saturday, June 25 at the Field Day site in Smith Park, Middletown. Please let Lorie know that you are attending and the number of persons you are bringing. Also bring a covered dish to share. Reach Lorie, W8LKU, on the air (Thursday night Net), by phone (937-743-9540), or e-mail (dishgirl@worldnet.att.net).

Dial Radio Club, Middletown, OH