



THE Q-FIVER

K8SCH



OFFICIAL NEWSLETTER OF THE OH-KY-IN AMATEUR RADIO SOCIETY, INC.
PUBLISHED MONTHLY AT CINCINNATI, OHIO



Our 47th Year of Service to Cincinnati in Amateur Radio
 A Special Service Club of the American Radio Relay League
 (the national association for Amateur Radio)

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Web Pages

<http://www.ohkyin.org> <http://www.ardfusa.com> (ARDF)

Regular monthly meetings are held the first Tuesday of each month at 7:30 PM local time at Salem Presbyterian Church (corner Mozart & Higbee) behind the Harrison-Boudinot White Castle, in Westwood-Cheviot. Visitors are ALWAYS welcome!

For membership information, contact

Nathan Ciufo KA3MTT, 6323 Cinnamon Ridge Dr, Burlington KY 41005, 859=586-2435, [ka3mtt@arrl.net]

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The Q-FIVER is the official newsletter of OH-KY-IN ARS, edited & published monthly by Susie Scott N8CGM 6351 Daleview Road 45247 513=385-5201 Editor

Electronic copies: Adobe Acrobat

The Q-FIVER is mailed and e-mailed the Wednesday before the club meeting. Copy deadline is the weekend before that.

Please send submissions for *The Q-FIVER* (including notice of upgrades & call sign changes) to Ye Ed Susie N8CGM. These may be:

- snail-mailed to or dropped off at 6351 Daleview Rd Cinti OH 45247
- telephoned to 513=385-5201 any time (answerer takes up to 4 min dictation)
- e-mailed to [n8cgm@arrl.net]

THE Q-FIVER

(kyoo fye ver) Q: A scale of amateur radio signal readability progressing from 1 (unreadable) to 5 (perfectly readable). "You're Q5" = "Your signal is perfectly readable." (*ARRL Handbook*, 52d ed. 1975)

November 2007 Volume 47 Number 11

From the President...

Hey everybody.

Sweepstakes is coming up. Whether you are familiar with the contest or not, OH-KY-IN will be looking for people to sign up. No experience is necessary.

If you're not sure what Sweepstakes is, the object is for stations in the United States and Canada (including territories and possessions) to exchange QSO information with as many other US and Canadian stations as possible on 160, 80, 40, 20, 15 and 10 meter bands. The 2007 ARRL Sweepstakes takes place November 3-5 (CW) and November 17-19 (Phone). Brian K4BRI for hosting this year's Sweepstakes event at his home. Thanks Brian!

The club will ask for nominations from the floor for the 2008 OH-KY-IN Board of Directors. Elections will be held at the December club meeting. As usual, the December club meeting will be our annual Christmas Party, and we will have FREE pizza for club members and their guests. See you at the club meeting!

73, Dale KC8H2S

Next meeting

To get to the meeting from downtown Cincinnati, go north west on Glenway Ave. to Boudinot Ave. (approximately 4 miles; at Walt Sweeney Ford on right). Turn slight right on to Boudinot. After approximately 1 1/2 miles turn left on to Mozart (before the White Castle). The church is on the right. Please enter the building through the doors beneath the front steps.

More info can be found at: <http://www.ohkyin.org>.

Visitors always welcome!

A reminder to all members, the November meeting will be Homebrew Night. Bring whatever you'd like to show off.

Nominations from the floor for the 2008 Board will also take place. Nominees must have agreed to run and to serve if elected.

73, Tom NQ8A

Minutes for General Membership meeting, October 2, 2007

Dale KC8HQ5 called the meeting to order at 7:32 PM, followed by the pledge of allegiance. 29 members in attendance.

Guests – none

Upgrades – none

Health and Welfare – Sam KJ8K told us that Otto AA8KK is in the hospital again – doing ‘better’, at Mercy Western Hills.

No updates for Carol WA8YL at this time

The brag session heard that about the club members who competed at Lake Tahoe ARDF champs, the upcoming article for the Blind ARDF event, and about the Fantasy Football league.

Dale thanked Tom NG8A for running the hospitality table.

A motion was made to accept the printed minutes from Sept by John W9JRB, seconded by Tom NG8A – motion passed.

Membership – Nathan KA3MTT reported we currently have 109 members, and we have applications for 2008. Remember you can renew your ARRL membership thru the club.

Treasurer – Rick KD4PYR not present, reports passed around

Bruce N8BV reported nothing new for the silent key committee.

Technical committee -- Brian K4BRI reported that all the repeaters are working. Next meeting will be at .625

Equipment managers – Mike KC8YTJ and David KC8YOM not here.

Classes – have started, we have 4 extra, 2 general and no techs. The exam is on November 17.

ARDF & Foxhunting – Dick WB4SUV reported the next hunt will be November 10 – it should be on.

Library – Jim KC8PRY was not present

Tech Talk - please check in, we need questions.

Web site -- Dale KC8HQS nothing new for the web site

Liaison – Pete KC8BZM said WARN is in winter mode, QCEN meeting coming up, Don N8LMJ has ARPSC raffle tix

Old business – nothing

New business -- nothing

The random member drawing, currently at \$25, was Don WD8DCB, who was not present.

Break from 8:15 to 8:20 PM

Meeting program started at 8:20 PM, was ARRL night with Jim Weaver K8JE and Joe Phillips K8QOE.

Motion to adjourn the meeting by Gene NU8U, seconded by Ev KC8JR

Meeting was adjourned at 9:01PM

Respectfully submitted, *Brian K4BRI, Recording Secretary*

Ham radio promotion: MGM Films presents *Radio Hams*

A film from Metro Goldwayn Mayer that promotes Amateur Radio has surfaced on the Internet. Produced in 1939 by Pete Smith, "Radio Hams" centers on a family called to dinner. All but the teenage son respond. When family members go looking for him, one by one they are snared into a world of ham radio high adventure. One that includes a rescue in Alaska and a tragic search for a downed aircraft at sea.

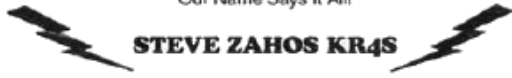
Unlike most films promoting ham radio, this one is not a documentary. It's a fully scripted 10 minute dramatic presentation featuring a cast of professional actors well directed by Felix Fiest. E. Maurice Adler is credited with writing the screenplay.

"Radio Hams" is really a nostalgic look back at ham radio the way it never was, You can see it on-line at <http://www.youtube.com/watch?v=vBGIdf0VjQ4> (YouTube)

--*Amateur Radio Newsline* 1572, Sept 28, 2007

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Region #4 Sweet Adelines Int'l
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Saturday, Nov. 3, 2007 * 8:00 PM
Princeton High School Auditorium
Chester Road * Sharonville, Ohio
A portion of the proceeds to benefit Susan G. Komen for the Cure

Featuring: **INTERSTATE RIVALS**

Interstate Rivals are 1987 men's quartet champions.
Cincinnati Sound quartets also appear. Tickets
\$15, seniors & students \$10, available at the door.



NOVEMBER 6





Please
remember
to VOTE
before you
come to the
club meeting!

* **Notes from the ARRL DXCC Desk:** ARRL DXCC Manager Bill Moore NC1L wants you to know that there is a feature on the DXCC Web site <<http://www.arrl.org/awards/dxcc>> that lets you verify that your DXCC application has been received, and when. Near the middle of the Web page, Moore says, is a link titled "List of DXCC Applications Received." Click on this link, and you will see applicants' call signs (listed alpha-numerically) and date the applications were logged into the DXCC computer. Note: this is not (remainder after *DX Spots*)

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November 2007

de Nathan KA3MTT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
J48I and S48I Thasos Isl. Thru 11-8 ----- KH3-Johnston Isl. Past 1 st week of Nov. -----	BX3/DJ3KR-Taiwan thru 11-5 ----- A7/G0MKT-Qatar Thru 1-5-08	SU8BH-Egypt Thru 11-30	Special Note: Bosnia and Herzegovina prefix T9 will change to E7 in the near future.	1 E51NOU – S. Cook Isl. Thru 11-3 6C60-Spec. Prefix Syria thru Nov 15	2	3 PA20-Netherlands Thru Nov 19
4	5	6 The following operation approved for DXCC credit Tunisia, 3V8SS, 2007 operation.	7 	8	9	10
11	12	13	14	15	16	17
18	19	20 T88WV-Palau Thru 11-27 ----- VP2M-Montserrat Thru 12-3	21 5X1NH-Uganda thru 11-30	22 	23	24 CN2AW-Morocco thru 11-26 ----- 3X-Guinea thru 11-26 ----- 8Y4AA-Trinidad & Tobago thru 11-26
25 	26	27	28	29	30	

More Notes from DXCC

the date received from the post office – it is the date the application was logged into the DXCC system. At the top of the page is a date. This date is always the Friday of the current estimated period DXCC is mailing applications. Due to the sheer volume of applications that pass through DXCC, applications before and even after this period may already be in progress. From this information, you can estimate the turnaround time of your application. Using today's date, look at the mailing date on the Web site. The difference between these two dates is the approximate turn-around time - if today's date is September 10, 2007 and the date shown on the Web page is June 29, 2007, the estimated turn-around time can be determined to be approximately three months. – *ARRL Letter* Vol 26 Nr 40, Oct 5, 2007

Contests

November 2007

- 3-4.1 2007 Fall IBM QSO Party, SSB; ARRL November Sweepstakes , CW; North American Collegiate ARC Championship, CW; High Speed Club CW Contest; IPA Contest , Phone & CW; Ukrainian DX Contest , CW & SSB; DARC 10 Meter Digital "Corona"; Radio Club of America QSO Party, SSB & AM
- 10 2007 Fall IBM QSO Party, CW & RTTY & PSK31, from 0000Z - 2400Z (see Nov 3)
- 10-11 2007 Fall IBM QSO Party, CW & RTTY & PSK31; KY QSO Party, CW & Phone; JA International DX Contest, Phone; Worked All Europe DX Contest (WAEDC), RTTY; OK-OM DX Contest, CW; CQ WE (Western Electric), CW, Phone & Digital
- 17-18 ARRL November Sweepstakes, Phone; North American Collegiate ARC Championship, Phone; LZ DX Contest , CW & SSB; RSGB 1.8 MHz Contest, CW; PSK63 QSO Party, European PSK Club
- 24-25 CQ WW DX Contest, CW; ARRL EME Contest

One of the biggest months for contests -- get out your brooms, the Sox aren't the only ones to get a Sweep! For more information see *QST*, *CQ*, or <http://www.arrl.org/contests/>

73, *Dan K744U*

ARRL Participating in the 2007 Combined Federal Campaign: For each year since 2002, the US Office of Personnel Management has designated the ARRL to participate in its Combined Federal Campaign (CFC). In the past, this campaign for federal government civilian employees, US Postal Service workers and members of the military has generated more than \$100,000 for ARRL programs. The CFC provides an easy way to support ARRL's effort to represent its members and all radio amateurs. Similar to the United Way, the CFC encourages individuals to pledge by payroll deduction to non-profit organizations of their choice. The ARRL encourages eligible radio amateurs to consider the League when designating campaign recipients. Those wishing to select the ARRL to receive all or part of their payroll deductions should designate organization **10099** when completing their CFC donor forms. Donations to ARRL can be designated for Diamond Club contributions, the ARRL Spectrum Defense Fund or the ARRL Education & Technology Program. Or, donors may make unrestricted contributions to the League. One important note: Since the CFC does not provide the ARRL with the names of individual donors, the ARRL Development Office would appreciate a copy of the donor form to ensure that each contribution is applied according to the donor's wishes and that the contribution or pledge can be properly acknowledged. The 2007 CFC ends December 15. --*ARRL Letter*, Vol 26, No 43, Oct 26, 2007

Weaver's words – It's not 95 degrees outside any more! (reduced to 9pt; recommend you magnify)

- Your ARRL
- Division Convention – Postlude
- Walberg Sponsors HR 462
- Neat Idea
- Head of Global Government Agency becomes a Ham
- Great Lakes Division Award Winners
- Automatic Survey -- Additional Results
- Vanity Call Fees Drop
- International Humanitarian Award
- Great Lakes Division Members at the Top

++ Your ARRL ++

You who followed along as I discussed the operations of the ARRL Field Organization (*e.g.* the SMs, SECs, etc.), its policy-making branch (the Board of Directors, Executive Committee, Officers) and its staff (*e.g.* the CEO, levels of management at HQ) should have a good idea as to who is responsible for respective activities in the League. In this issue, I will discuss aspects of ethical and fairness in the ARRL election process.

There are three positions in League governance that are filled by vote of the members. These are the Section Manager, who manages the Field Organization in the Section and the two members of the Board of Directors' "family" from each Division. These two members are the Director and the Vice Director. The 15 Directors establish ARRL policy. The minimum eligibility to run for the office of Section Manager (SM) is to be a licensed amateur, to be a full member of ARRL for a minimum period of 2 continuous years and to agree to observe the rules and regulations of candidacy and, if elected, of the post.

Candidates for Director and Vice Director must maintain full ARRL membership for a minimum of 4 years prior to their nomination and must also agree to observe all rules and regulations that pertain to the respective offices.

The rules and times for nominations and periods for campaigning are defined in the ARRL By-Laws.

Not only do the ARRL Articles of Association, By-Laws and Standing Orders spell out the rules for elections, but they outline the minimum conduct expected of candidates for election and elected officials.

The rules governing candidacy for office are nothing more than common sense as applied to ethics and conduct. Writer Erma Bombeck put it this way in the title of one of her successful books which is *All I Really Need to Know I Learned in Kindergarten*.

Everything needed to satisfy the requirements of ethics and behavior in ARRL elections was learned on our parents' knees when we learned to play fair, not to lie and not to cheat.

So, how do ARRL elections rules work?

Each year at the "annual" (January) Board meeting, the President appoints an Ethics and Elections (E&E) Committee consisting of three Directors who are not on the Executive Committee. All questions or complaints regarding violations of League ethics and elections rules are considered thoroughly by this Committee which advises of any remedial action it concludes is needed. The committee also reviews the petitions for candidacy of each person who wishes to run for an ARRL elected office. This review is to ensure the candidate satisfies the rules of eligibility to run for office. These rules are published for anyone to read.

Relative to this point, the ARRL elections and ethics rules are being attacked by the followers of a candidate who was found to be ineligible because of failure to correct erroneous material sent out in his favor.

E&E initially found this candidate met the requirements to run for Director. Later, the candidate acknowledged errors in an e-mail campaign distribution. He agreed to correct these, promptly, according to a plan proposed by E&E. The possibility of punitive action in case the correction was not made was discussed with him.

The issue would have been resolved and the election would have proceeded without difficulty if the candidate had issued the correction. Unfortunately, after about two weeks, the promised correction had not been sent. After further warning and an additional wait for action, E&E concluded that continuing violation of the rules of fairness had become unacceptable. The incorrect information that may have started as a simple mistake was escalated by the candidate into a serious ethical blunder when he repeatedly failed to take the needed corrective action.

In some people's minds, the ARRL Board is guilty of taking the right to vote from them. Never mind it was the seemingly unethical action of the candidate that caused him to be disqualified.

But of course, few people are responsible for their actions these days.

The ARRL Constitution and By-Laws clearly define the rules that govern League elections. These and the ARRL Standing Orders may be found at www.arrl.org/aabl.html.

++ Great Lakes Division Award Winners ++

The Great Lakes Division Convention is the scene for special awards given for outstanding service to the amateur

community. Great Lakes Division awards given this year were:

- George S. Wilson III W4OYI Lifetime Achievement Award: Fred Jones WA4SWF, Louisa KY.
- Amateur of the Year Award: Bob Check W8GC, Independence OH.
- DXer's Achievement Award: Ted Pauck Jr. K8NA, Troy MI.
- Newsletter of the Year: West Chester (OH) ARA *HF Chronicles*, Mike Ashley N8XW, editor.
- Director's Outstanding Achievement: Thomas L. Mansfield KG4TND, Lexington KY.
- Director's Outstanding Achievement: Bill Carpenter AA8EY, Westerville OH.

Congratulations to the award recipients. More importantly, thanks to them for their hard work and unselfishness in supporting Amateur Radio and their communities through our great radio service.

++ Division Convention -- Postlude ++

The Great Lakes Division Convention on Saturday, September 22 is over. It was a great event, involved tremendous internationally-known speakers, located in very neat and comfortable surroundings, featured good food and was coordinated by a tremendous committee headed by Bob Check W8GC.

Bob, *et al*, thanks for putting together such an outstanding Convention. A special thanks to Vice Director Gary Johnston KI4LA, who was a very successful General Chairman of this and the two previous Division Conventions. Similarly, Ohio SM Joe Phillips K8QOE has managed the exemplification of the Royal Order of the Wouff Hong at each of these conventions. A hearty well done to everyone.

++ Automatic Survey -- Some additional Results ++

I shared a couple of results of this online survey with you a few weeks ago. Here is quite a bit more from it. To review the situation, 2,453 members took the survey with 1004 being from the Great Lakes Division. The two additional Divisions that participated were the Atlantic and the Delta Divisions.

Please note that some questions could receive multiple answers.

Of the 1270 who say they operate digital modes:

- 303 operate APRS.
- 132 operate Digital Voice.
- 904 use PSK-31.
- All remaining selections were used rather minimally.
- 171 use store and forward.
- 58 use Packet with sound card.
- 193 use Winlink.
- 139 use Winlink on VHF; 111 use it on HF.
- 15 operate a PMBO.
- 51 operate D-Star.
- 1086 operate modes using keyboards.
- 598 use RTTY.
- 136 use Packet with TNC.
- 47 use PacTOR.
- 137 of these use Winlink for emergency communications.
- Winlink was used most often (in descending order of use) on 20M, 40M, 80M, 10M, 15M and light use on 12M NS 160m.

++ Walberg Sponsors HR 462 ++

Representative Timothy Walberg, 7th District of Michigan, has signed on to co-sponsor HR 462. This is the bill that would require the FCC to review and justify its rules concerning BPL and other Part 15 devices.

Included in the FCC rules to be reviewed will be the one that give unlicensed, Part 15 incidental emitters favorite status over licensed operations including police, fire and Amateur Radio services.

Thanks to the members in Michigan Congressional District 7 who wrote to Mr. Walberg and achieved his co-sponsorship. Good job.

++ Vanity Call Fee Drops ++

In case you missed it, the FCC reduced the fee for Vanity Call Signs effective September 17. The previous fee of \$20.80 dropped to \$11.70.

This new fee is the lowest that has been charged since 11 years ago when the original fee was set at \$12. The Commission expects about 14,700 applications to be received during its coming fiscal year.

++ Neat Idea ++

When the River Cities ARA had a special event operation in Ashland KY, they anticipated a substantial number of visitors from the general public. They got them . . . and the ham station they operated kept them.

To help the visitors understand what was going on, the club set up a large US map and put pins in it to mark the locations of other ham stations they had contacted. The map with scores of pins in it became the stimulus for many discussions about Amateur Radio.

The event? It was the Summer Motion Festival. The River Cities ARA used special event call sign K4S throughout the festival.

++ International Humanitarian Award ++

Nominations are open for the 2007 ARRL International Humanitarian Award. The award is conferred upon an amateur or amateurs who demonstrate devotion to human welfare, peace and international understanding through Amateur Radio. The League established the annual prize to recognize Amateur Radio operators who have used ham radio to provide extraordinary service to others in times of crisis or disaster.

Full details of the award are at <http://www.arrl.org/FandES/field/awards/humanitarian.html>.

If you know of a ham who has provided extraordinary service to others and this service has involved Amateur Radio on an International basis, please submit a nomination by December 31 to ARRL International Humanitarian Award, 225 Main St. Newington, CT 06111.

++ Head of Global Government Agency becomes a Ham ++

Dr. Hamadoun Toure who is Secretary General of the International Telecommunications Union (ITU) became a licensed Radio Amateur on October 8. The Secretary General is from Mali. He is licensed from Switzerland as HB9EHT.

Not to be confused with the International Amateur Radio Union (IARU) which is an International association of national Amateur Radio organizations, the ITU is a formal treaty organization of most governments around the world. The Department of State represents the US in the ITU treaty negotiations. Two members of the ARRL technical staff have been appointed to the delegation.

++ Great Lakes Division Members at the Top ++

Information compiled by Chwat & Company show that members of the Great Lakes Division have a substantial lead over other ARRL Divisions when it comes to writing to support Federal legislation. This is true whether we are writing our US Representatives or US Senators. This can truly be termed democracy in action. It is a keystone to representative government.

Although I thank and congratulate everyone who has chosen to exercise their democratic freedom and obligation when it comes to supporting Amateur Radio, we must and can do better. The total number of members who have written during the current session of Congress is only somewhat above 200. This is a far cry from the thousands of ham letter writers in the Division.

The question I ask each of you is simple. Isn't the enjoyment you have received from Amateur Radio worth writing at least two or three letters a year to support hamming?

++ Tentative Travel Schedule ++

Oct 16: Branch Co. ARC, Coldwater MI - Jim

Oct 19: Mason (OH) Area Repeater Club - Jim

Nov 14: Hazel Park ARC, Hazel Park MI - Jim

Nov 19: Southern Ohio ARA Christmas Dinner, Russell KY - Jim

Dec 1: Motor City RC 75th Ann., Wyandotte MI - Jim

Dec 8: Programs & Services Committee, Newington CT - Jim
2008

Jan 17: Programs & Services Committee, Newington CT - Jim

Jan 18-20: Board of Directors Meeting, Houston TX - Gary & Jim

Apr 14: PCARS (OH) Meeting - Jim

73, *Jim Weaver K8JE*, Director, ARRL Great Lakes Division

5065 Bethany Rd., Mason OH 45040 E-mail: k8je@arrl.org; Tel.: 513=459-0142

ARRL - The Reason Amateur Radio Is! Members - The Reason ARRL Is!

Hamfests &c.

November 2007

17-18 IN State Convention in Ft Wayne, also 35th Annual Ft Wayne Hamfest & Computer Expo, sponsored by Allen Co Amateur Radio Technical Society at Allen Co War Memorial Coliseum, 4000 Parnell Ave. Doors open for set-up Fri eve & Sat morning. Public Sat 9 AM-4 PM, Sun 9 AM-3 PM. . 892 commercial & flea market tables (!), new & used radio, computer & general electronics items,

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vendors, several intl ham equipment manufacturers, many forums & meetings, VE exams Sat., 9 AM- 12 noon. Parking \$4. Talk-in 146.88. Admission \$6 for both days, \$4 for just Sunday, at door only. Under 12 free when accompanied by adult. Info: James Boyer KB9IH, 260=579-2196, [chairman@fortwaynehamfest.com], www.fortwaynehamfest.com

24 16th Annual EARS & The Ham Station Hamfest In Evansville IN at Vanderburgh Co 4-H Fairgrounds, 201 E. Boonville-New Harmony Rd. 8 AM-1 PM. Pre-hamfest breakfast, free tailgating (wx permitting), VE sessions at 11 AM (walk-ins as time allows), lunch. Talk-in 145.15, 146.925, 443.925 (107.5 Hz on all frequencies), back-up 145.11. Admission \$7. Info: Neil Rapp WB9VPG, 812=333-4116, [ears@w9ear.org], w9ear.org/hamfest.htm

ARLB024 Hollingsworth to Stay Put at FCC

Riley Hollingsworth K4ZDH, Special Counsel for the FCC's Enforcement Bureau, has decided **not** to retire. He had announced last week (this posted Oct 30) that he would leave the FCC in January 2008.

Riley states, "After spending the entire weekend thinking about the decision [to retire], it became more and more clear to me that it just isn't the right decision for me right now. There are several issues on the table that I want to continue to work through with the amateur community."

The Enforcement Bureau is the primary organizational unit within the Federal Communications Commission that is responsible for enforcement of provisions of the Communications Act, the Commission's rules, Commission orders and terms and conditions of station authorizations, as well as enforcement of Amateur Radio rules (Part 97).

==> "The doctor is IN" *The ARRL Letter*: Coaxial Cable Loss

This week, *ARRL Letter* readers are in luck! The ARRL's very own Doctor, author of the popular *QST* column "The Doctor Is IN," answers a question from his mailbag:

Question -- Ray Fritts KA8SYX, of Jacksonville, Florida, asks: If a piece of coaxial cable has a specified loss figure in dB per 100 feet at a given frequency, does that mean that the loss in a different length of the same cable that is a fraction of 100 feet long is the same fraction of loss? For example, I have a type of coax that has a loss of 6 dB per 100 feet at 150 MHz. I have a 15 foot length I want to use as a feed line for my 2 meter mobile SSB transceiver. Does that mean that my feed line would have a loss of about 0.9 dB, not including SWR and connector insertion? I am particularly interested in the loss in received signal.

Is my math correct, or is there a different method to determine the amount of signal lost in a coaxial cable when the length is different from that for which the published loss figures are expressed?

The Doctor Answers -- Your calculations are right on. That's all there is to it. But do keep in mind just a few potential pitfalls:

Published cable loss data is for new cable. If used indoors in a non-hostile environment, it will stay close to new for many years. If the jacket allows moisture or moisture vapor to penetrate, it can degrade from subsequent corrosion. I have been amazed to find that the copper in some old cables that have been used outdoors has turned black from corrosion, and likely is no longer acting like a shield at all.

You are correct that the loss increases with an SWR higher than 1:1. For your receive case, keep in mind that the SWR is determined by the input impedance of the receiver -- not the antenna impedance.

Sometimes receivers aligned for minimum noise figure do not have an impedance of 50 Ohms. Check your receiver specs.

Do you have a question or a problem? Send your questions to <doctor@arrl.org> or to "The Doctor," ARRL, 225 Main St, Newington, CT 06111 (no phone calls, please). --*ARRL Letter*, Vol 36 Nr 41, Friday, October 12, 2007

Wanted or For Sale

I'm looking for a **used Butternut HF6V vertical antenna to buy**. Send to [w8ntm@cinci.rr.com] or [tmcgraw@dpsciences.com], with price and phone number. Tnx. 73, *Tom W8NTM*

⌘ ⌘ ⌘ ⌘ ⌘

I have one of the **1 Kw generators**, and **would sell** it for \$100 if anyone is interested. It gives you 12VDC at 10amps too. Or, I **would trade** it for someone to engineer and install an antenna for my HF rig. I live in a trailer, and bought a radio, but am not able to install and devise an antenna to transmit on. I already have 360 feet of 14 gauge wire and a supply of PVC tubing for insulators, and I can get the coax needed. Namely I need some mast and hardware and someone who can climb. I live in Middletown near State Route 122. 513=727-8548 or e-mail me, [shapediger@yahoo.com]. 73, *Dan W8D1G*

⌘ ⌘ ⌘ ⌘ ⌘

I have some items for sale from an **estate** if anyone is interested in using or working with older solid state equipment.

Here's the list:

Heathkit HR-10B Receiver	Heathkit DX-60 Transmitter with VFO-1
Heathkit SB-401 Transmitter	Heathkit SB-301 Receiver
Heathkit SB-600 Speaker	Allied Model A-2515 Receiver
Clegg Thor-6 Six-meter Transceiver	Heathkit HG-10B VFO

I have cleaned these items on the outside, but I'm sure they will need some work on the inside. I have not tested any of them. If you're interested in any of the items, or the entire lot, e-mail me with an offer.

73, *Nathan KA3MTT* [ka3mtt@arrl.net]

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I have been advised of the following **ham gear for sale**. It is being offered by the widow of an SK in the northern Cincinnati area.

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Icom IC-736 transceiver	Tube-type, home made, receiver, 80-10 meters
KDK 2M FM transceiver	KDK FM-2033 transceiver
Clegg 10W, 220 MHz, transceiver	Swan 350 HF SSB transceiver
Santec HT-1200 hand held transceiver	GE 40-channel CB transceiver
Sears Road Talker 40-channel CB transceiver	Micronta field strength & SWR meter
117v power supply	12v, 12a, power supply
(2) speakers	

It is preferential to sell as a complete package rather than on a piece-by-piece basis. Asking \$800-900 for the lot. Contact person is Betty Neighbors at 513=779-4490. 73, *Carl K8CM*

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Antennas for sale

4 element, 2M, Yagi
7 element, 220MHz, Yagi; missing one director (could be rebuilt for 440 MHz)
3 element, Cushcraft A3, 10-15-20M tribander; need to replace some screws and "U"-bolts
Shakespeare 376-GB (10M fiberglass coaxial-skirt vertical) cut for the bottom of the 10M band.
(2) home brew 2M/440MHz ground planes made from Comet mobile antennas
All are used and, as otherwise noted, complete. Have docs on the A3 and 376-GB; not on the home brew GPs or VHF/UHF Yagis. All in working condition when they came down and went to storage.
Pick up in Middletown, OH. Make a reasonable offer and they're yours.

73, *Carl K8CM* [k8cm@arrl.net]

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TECH TALK

Just a quick reminder that the TECH TALK net has moved to the 146.925 repeater. The number of check-ins is up! Although the *Newsline* tape makes the net interesting enough, we still need questions and announcements.

Thanks to the regular net control stations and to the substitute net controls as well for making the net manager's job rather easy. Please join us if you can

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on Wednesday nights at 9 PM on .925 for TECH TALK.

We know that you're listening. It only takes a moment to check in. Why not let us know that you are out there listening to the net by taking just that moment to tell the net that you are there? It sure does make the net control stations feel like they have done a better service if there is a good number of check-ins.

I am always looking for new net control stations. If you'd like to take the net sometime, please let me know.

73, *Bruce N8BV*

OH-KY-IN fundraising

Have you purchased your OH-KY-IN CASH Raffle tickets yet? Time will be running out soon. The drawing will be held at the December 4th club Christmas/Pizza party meeting. Please help support your club with this raffle.

A very special THANK YOU goes to the two club members who anonymously donated the funds to cover the ticket printing costs.

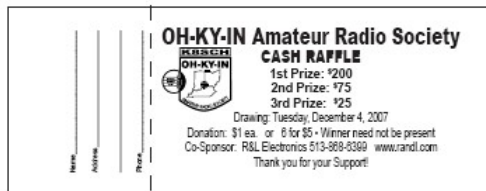
Remember, there will be 5 prizes awarded. That's right, the first prize is \$200, second prize is \$75 and the third prize is \$25. The two other prizes go to those who are selling tickets. There is a \$25 gift certificate to R&L Electronics for the person who sells the 1st prize winning ticket and another \$25 gift certificate to the person who sells the most tickets. Thanks again to R&L for the donation of the gift certificates.

Of course the tickets are available for sale at the club meetings, but they are also available at R&L Electronics as well as from the following club members; N8WRZ, W9JRB, W8IOA, KG8AP, KC8VQU, KA3MTT, KC8HQS and N8BV. It's not too late to pick up tickets to sell for the club. Just see me at the November meeting or call or e-mail me.

Now that the drawing date is getting closer, I expect that the ticket sales will really pick up.

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OH-KY-IN hats and t-shirts are also still available. See me at the meetings or at other club functions for hats and shirts. Or, call me at 513=251-1555 or email me at [n8bv@juno.com].



73, *Bruce N8BV*

Easier ARRL membership renewals

I received my ARRL Renewal Notice in the mail the end of September, and wanted to remind anyone else who has received theirs that OH-KY-IN gets to keep a portion of your ARRL dues if you renew through the club. I hope to be at the monthly meeting next Tuesday, and will have renewal applications for ARRL membership if you need one. If I can't get there, I'll send some!

73, *Nathan K4SM77*

What's coming in November 2007

- Thu, Nov 1 7:00 PM Amateur Radio Classes at Salem Presbyterian Church, Mozart & Higbee in Westwood-Cheviot behind the Harrison-Boudinot White Castle
- Fri, Nov 2 8:00 PM Amateur Radio Public Svc Corps, Hamilton Co Communications Ofc Conference Rm, 2377 Civic Ctr Dr – park in Bd of Educ lot
- Sun, Nov 4 Daylight Savings Time ends, set clocks back
- Tue, Nov 6 7:30 PM Club meeting at Salem Presbyterian Church, Mozart & Higbee in Westwood-Cheviot behind the Harrison-Boudinot White Castle
Program: Homebrew Night; also Floor Nominations for 2008 Board Election Day – vote before you come to meeting, please!
- Wed, Nov 7 9:00 PM Tech Talk, NCS Emily K4MLE, 146.925
- Thu, Nov 8 7:00 PM Amateur Radio Classes at Salem Presbyterian Church, Mozart & Higbee in Westwood-Cheviot behind the Harrison-Boudinot White Castle
- Sat, Nov 10 10:00 AM Oh-Ky-In monthly fox hunt, hounds start from Mt Storm Park (talk-in to start on 146.67)
- Tue, Nov 13 7:30 PM Technical Committee meeting, location TBA
- Wed, Nov 14 9:00 PM Tech Talk, NCS Dale KC8HQ5, 146.925
- Thu, Nov 15 7:00 PM Amateur Radio Classes at Salem Presbyterian Church, Mozart & Higbee in Westwood-Cheviot behind the Harrison-Boudinot White Castle
- Sat, Nov 17 12:00 N VE exams at at Salem Presbyterian Church, Mozart & Higbee in Westwood-Cheviot behind the Harrison-Boudinot White Castle
- Wed, Nov 21 9:00 PM Tech Talk, NCS Dennis KB8ROA, 146.925
- Thu, Nov 22 Thanksgiving Day
- Wed, Nov 28 9:00 PM Tech Talk, NCS Brian K4BRI, 146.925
- Tue, Dec 4 7:30 PM Club meeting at Salem Presbyterian Church, Mozart & Higbee in Westwood-Cheviot behind the Harrison-Boudinot White Castle

