

# IN-SERVICE



Fall

Volume 98

November 2006

## A New Antenna for WØYO

This summer's Spectacular at Graceland University featured a new event, called the Spectacular Makeover. On Wednesday, July 26, all 1,000-plus campers were involved in various community service projects around Lamoni. For example, one large group of campers worked at Rose Hill Cemetery landscaping and weed whacking. Another group of about 50 campers painted a building downtown and the steel railing along North Linden Street. A film crew from CBS spent about three hours in Lamoni and on the Graceland campus, and aired a nice story about the day.

Bob Farnham (KGØII), Steve Murdock (NØZY), and Terry Redding (W6LMJ), along with Graceland University Vice President for Academic Affairs Steve Anders spent most of the morning installing a new antenna for the Graceland Ham Club station WØYO. In his spare time, Steve is owner/operator of Anders Crane Service in Lamoni. Steve set up his 25-ton crane outside of the Science Hall to help set the antenna. The new antenna is a Diamond V-2000 tri-band (6 m, 2 m, and 70 cm) vertical, to be used with the Ham Club's new Yaesu FT-8900R quad-band (10 m, 6 m, 2 m, and 70 cm) mobile radio. The new antenna will complement the existing tri-band (20 m, 15 m and 10 m) HF yagi, as well as the dual-band (80 m and 40 m) inverted-vee dipole to provide the club with a wide range of bands on which to operate.

Tuesday afternoon, Bob and Terry assembled the new antenna and feed line. The new antenna was left on the roof of the building, with the plan of simply lifting it into position over the top of the mast with feed line attached. With the threat of rain in the forecast, Bob, Steve and Terry decided to check signals at 5:30 a.m. on Wednesday. Lightning had been observed at about 5:00 a.m., so the decision was made to wait a half hour. Doppler radar images on the Internet indicated the nearest storm cell was just east of Lamoni, and it appeared the entire system was moving to the south and east. Indeed, at 6:00 a.m. conditions in Lamoni had improved and the decision was made to proceed.

All assembled, the crane has a 120-foot boom, which would lift a platform carrying NØZY and W6LMJ to the top of the mast in order to set the antenna into place. The platform with Steve Murdock and Terry surely weighed less than 25 tons, hi hi; but given the position of the new antenna at the top of the mast, a crane was the only safe way to accomplish the project. Kevin Anders, Steve's son who was also participating as a camper at Spec, assisted in the crane operations. Bob remained on the roof of the Science Hall to give the crane operators directional signals, since the platform was often invisible from where the crane was situated. Bob, Steve Murdock and Terry maintained radio contact on 146.52. The finished product may be seen in this picture:

With this installation project completed, the next step was some antenna work at the home QTH of KGØII. Bob has been unable to join the 20-meter net for some time, due to tuning problems with his own HF yagi, and rotor problems as well. Bob decided to take all of the antennas down for testing and repair as needed. Later, the entire antenna assembly will be lifted back into place. Steve Anders provided his crane service for this project as well, with Terry assisting.

Terry has created a QuickTime movie of these two projects, which may be viewed at <http://www.ascra.org/spec2006/>. From this page, click the link for Spec2006HamsJoinUs.mov. (The movie file is large, nearly 24 MB, but well worth the wait for it to download.) The video features photography by Terry, Steve Murdock and Bob, and the music of The Ham Band (<http://www.hamband.com/>). You will need to have the QuickTime Movie viewer installed on your computer to view it. Each of the individual images is also available from the Spec2006 page.

With Amateur Radio activity increasing at Graceland, we are hopeful to hear more of Graceland's hams on the airwaves. "Come and join us on the airwaves! Surf the skies and find new friends. Let the world unveil before you. You'll be the one who sets the trends. 'Cause you're not like those poor old wage slaves. Change your life and start anew. Come and join us on the airwaves. You'll feel free and you'll be happy, too!"

73 de KGØII  
Bob Farnham

## Antennas

We are all in search of the best antenna to communicate. Well, what is best for one Ham may not be best for others. Besides deciding who you would like to communicate with and where you would like to talk to, the Sunspot cycle needs to be taken into consideration. I have not even thrown in what band you would like to use. Do you like DX? then a huge yagi or quad up at 30 meters on a tower may be the best. Well that is if you want to use bands that are high enough to permit a rotatable (not wire) antenna. I know a 3-element 80/75 meter beam is possible, but not all Hams have the tower/yard/ money to put this up. Let's pare the bands down to one, 20M. The size of the rotatable antenna is manageable on 20 M. This is an ideal band for world-wide communications during sunspot peaks. It is not a good band for the next-door neighbor rag chewing type of QSO. From several hundred kilometers (KM) to many thousands of KM, this band is the workhorse of communications. I know that no matter what antenna I use, I just can't seem to be able to talk within a few hundred KM. If you desire to communicate a few states away or the next continent, this band is a gem. Now that we have selected the band, let's decide what antenna will work. They can be easily divided into three groups: vertical, wire/fixed, and rotatable beam.

Vertical antennas have some advantages. Not counting the ground system, they are relatively small and may not attract much attention from neighbors. If provided with a good ground system they can be very good radiators and have low angles of radiation. We all know that the low angle of radiation is what usually allows us to communicate with DX. As things go they are relatively inexpensive. They are easily set up, usually by one person. They do not require a tower and rotator. The big disadvantage is that they require a very good ground system to be efficient. We have all heard vertical referred to as earthworm warmers or vertical dummy loads. I have had verticals up that performed very well. I have also moved the very same antenna and been very disappointed due to the ground system. These antennas are usually fed with coax. One advantage and simultaneous disadvantage is that they are omnidirectional, radiating in all directions equally. The advantage here is that the vertical is never pointed in the wrong direction. The disadvantage is that for the very same reason they pick up equally in all directions and thus cannot eliminate an undesired signal.

There is a sub category of verticals where more than one is used to give gain or directionality. Feeding more than one vertical can get complex very quickly. The advantage for the lower bands 160M/80-75M/40M is that this can be done without an extremely large rotatable antenna. The possibility of reducing interference particularly on these noise-prone bands is especially attractive.

Wire antennas are the second category. These are typified by the dipole but there are variations. The flat-top, windom, and the extended double Zepp are some of the various types that come to mind. These can be very effective antennas as well. Some of the advantages are, relatively low cost, near invisibility, and ease of construction. The height above ground is the biggest factor in their performance. This is well documented in several books on antennas. The minimum height above ground should be 1/4 wavelength. For 20 M this is not very high. It allows this antenna to be elevated to

one wavelength very easily. Higher is usually better, as the ground and it's reflections are less of an influence. If reasonably close communications are desired, a height of 1/4 wavelength is reasonable. This type of installation is sometimes referred to as a "cloud warmer" because most of the signal is reflected from the ground almost directly up. A balun, either ferrite or coil of coax should be used to eliminate any feed line radiation. If a balun is not used, adding a vertical component to the radiated wave can help. This is at risk of having some RF in the shack. These antennas can be easily fed either by coax or balanced line.

There is a subset of wire antennas that is very intriguing. This is the wire beam. It still falls into the category of wire antennas as it is usually NOT rotatable. This type can get complex very quickly when both elements are fed. They are usually full size because there are none of the traps or loading coils usually found in rotatable beams. The simplest wire antenna has a reflector added a few meters away from a dipole or inverted vee.

Rotatable Beams are the last type. They mainly come in two classes: quad and yagi. There has been for many years a discussion of which is better. I will not get into that. You might want to ask Terry Redding – W6LMJ - or Ernie Miles – WB2UJL - about the differences between yagis and quads. They both rotate, provide gain, radiate very well, and can eliminate interference. There are two big decisions to make if this category is chosen. How high? and How many elements? Eliminating the cost factor, usually the more elements the higher the gain, narrower the beamwidth, and better the front to back ratio (F/B). If you are not familiar with it, the Nation Bureau of Standards (now National Institute of Science and Technology -NIST) did some very thorough research on yagi antennas. It is fascinating reading to some of us but boring to others. The essence is that the longer the boom (with the appropriate number of elements), the more the gain. Aluminum costs and other materials are going up. We found out very quickly that rebuilding the beam at WØSHQ was MUCH more economical than buying a new replacement. The larger the beam (more elements) the larger the tower and rotator need to be. This must be thought through very carefully because this is the only antenna type that can come down and be very destructive to property (yours and/or others). Getting back to how high? Muirl Robinson – W8QK - may be able to shed more light on this. He has had multiple beams at various heights. Some heights are better for some purposes than others. Attacking the how many elements question brings on a new discussion. Is the purpose to contact DX? Well then the answer is the more gain the better. If the purpose is to talk to a wide area and not exclude anyone, then the answer may be to use the lowest gain antenna available. Making it resonant and up very high are the most important factors to cover the broadest area possible. A rotatable dipole may be the best for certain situations. A directional antenna is not the best if it is pointed in the wrong direction at the wrong time.

Safety! When installing any type of antenna, avoid any electrical service (overhead or underground wires such as those that provide power to your shack}. Being able to communicate is the benefit of being a Ham but you must be alive to do this.

Robin Cross  
WØFEN

## EchoLink on the ASCRA web site

The ASCRA web site has been updated with a new page for EchoLink users. The direct URL for the new page is <http://www.ascra.org/activities.htm>. You can also navigate to this page through the Activities link on the home page. I know there must be more ASCRA EchoLink users out there than we know about. We would like to know where you are! Please do the following:

1. Send an email to [kg0ii@arrl.net](mailto:kg0ii@arrl.net) to let me know your station name (probably your callsign), your location as given in EchoLink, and your EchoLink node number. I'll include you in future updates to this page.
2. Speaking of your EchoLink location, in the Tools -> Setup -> System Setup tab, please put ASCRA somewhere in the Location text field. For example, mine is ASCRA Ames, IA. That way, we can find each other by searching for stations in the Index View using ASCRA as the search string.

If you need help getting EchoLink going, please feel free to contact me or any other ASCRA stations you see listed on the new web page. Ill look forward to hearing you on the air! Please let me know how I may be of further assistance.

73 de [kg0ii@arrl.net](mailto:kg0ii@arrl.net)

Bob Farnham

In addition to email, I may usually be contacted at:

MSN IM: bobfarnham,

Skype: bob\_kg0ii, or

EchoLink: node 105020

## News from LARA

At its annual meeting on Saturday, October 14, 2006, the Lamoni Amateur Radio Association met to elect officers and conduct other business of the association. The following officers are elected for the 2006-2007 fiscal year:

Tony Crandell (KØISA)	President
Jon Barney (AAØOS)	Control Operator
Lila Oiler (NØVWS)	Treasurer
Lynda Farnham (KBØUBT)	Secretary

Dues for the year were set at \$25 for individuals; \$50 for family memberships. In other business, a decision was made to change the callsign of the EchoLink node in Lamoni from WØSHQ-R to WØYO-R. This was done to accommodate the expectation that work is progressing to create an Independence EchoLink node to the WØSHQ repeater there. Because the -R suffix is appropriate for RF links to repeaters (-L being appropriate for RF simplex links), it was necessary for either the Independence or Lamoni group to use something other than the WØSHQ-R callsign. Since the Lamoni Amateur Radio Association substantially overlaps with the Graceland Ham Club, it made sense for Lamoni to use WØYO-R as our EchoLink identifier. This has now been implemented. For those accustomed to the node number for Lamoni, it remains 127318. The Lamoni Amateur Radio Association 2-meter net is held every Sunday evening at 7:30 p.m. Central Time. ASCRA members are invited to check in, or drop by any time via EchoLink to say hello!

73 de KGØII

Bob Farnham

## Raytown License Testing

The Raytown Amateur Radio Club sponsors testing in Raytown, MO on the 3rd Tuesday of every month at 7:00 pm. The location is the One-Spirit United Methodist Church at 79th st and Blue Ridge Blvd. Walk-ins are welcome. Enter by the rear door.

It is not necessary but helpful if you contact k0ou, Steve Lufcy or w0fen, Robin Cross.

"Lufcy, Steve k0ou" [k0ou@comcast.net](mailto:k0ou@comcast.net)

"Cross, Robin w0fen" [rhcross@swbell.net](mailto:rhcross@swbell.net)

All of the usual requirements apply:

A copy of current License (if Held)

A photo ID

\$ 14.00

Study hard

VEC is w5yi

So far we have had an amazing pass rate of 100% for the past year. Please study so this can continue.

Thanks

Robin

w0fen

## Rebuilding the WØSHQ Antenna

On October 21, Chuck Palmer n0onn, Doug SHaw wa0emx and myself, w0fen, took down the Hy-Gain TH6 antenna from the Auditorium for repairs. I ordered two "kits" from Hy-Gain/MFJ, the stainless steel replacement bolt kit and the plastics replacement kit. I finally received them Friday November 3rd. We also have an identical antenna that was donated by the estate of Dick Smith (wa0nby).

I have a rather large garage with a full loft where I can lay the antenna out fully in the garage attic and work on it. I have assembled the best (least weathered or mechanically worn parts) from the two antennas, replaced the plastics, and started replacing the bolts and clamps. There are a LOT of bolts and nuts in this antenna that must be replaced.

When completed, we will have an antenna that will function as if it were new when it is reinstalled on the Auditorium, and we will end up with a complete antenna that may be able to be sold. Considering the cost of a new antenna, this might be very attractive to a Ham on an economy budget.

Robin Cross

w0fen

ASCRA Executive Director

## Morse Code Practice

Those interested in learning or improving Morse Code skills for a first or upgraded license may access [FREE MP3 files of ARRL code practice bulletins on the ARRL website](http://www.arrl.org/w1aw/morse.html), <http://www.arrl.org/w1aw/morse.html>, playable using [Windows Media Player](#), [RealPlayer](#) or your favorite [MP3 player](#).

Doug Shaw

WAØEMX

## NOMINEES FOR ASCRA BOARD OF DIRECTORS

### **Robin Cross** **WØFEN**

I have been a Ham for nearly 30 years. I have held the Extra Class license since 1985. I joined ASCRA as soon as I heard about it. I have been Net Control for the 80-meter net in the early 80s and more recently for the 20 meter net when I can assist. I have been a Director on and off for about 20 years. I have been Secretary and am currently the Executive Director. Since moving to the Independence area I have consistently operated the WØSHQ station at the Auditorium for which I am Trustee. I am deeply committed to ASCRA. I look forward to representing you to the best of my ability.

Professionally, I am the Chief Engineer for the Kansas City NPR affiliate FM Radio Station. I have been a Broadcast Engineer for over 30 years. I love tubes and amplifiers that use "empty state" devices.

I enjoy tuning up an amplifier. I can talk about technical areas for hours.

### **Bob Farnham** **KGØII**

Since receiving my Novice ticket in high school, I continued to upgrade my skills and knowledge; receiving my Amateur Extra ticket in 1995.

I have conducted licensing classes as an accredited volunteer examiner. I have served as President of the Lamoni Amateur Radio Association since 1993. I was elected to the ASCRA Board of Directors in 1998; serving as President since 2004. ASCRA has a bright future in the confluence of technologies. I am committed to the principles of ASCRA and the Amateur Radio Service, and I am happy to continue in my service to the community of ASCRA members.

### **Jim Fish** **K7NCG**

I've been licensed since July 1960 and have been active in Ham Radio all that time. I enjoy operating SSB, CW, and various digital modes. I have enjoyed building and using several home brew pieces of equipment. Operating on RTTY many years ago got me into computers in the very early years...before Apple and the Radio Shack computers. Now I also get to enjoy operating portable/mobile as the XYL and I take short RV trips with my daughter and her husband who are all also licensed. I enjoy the fellowship in ASCRA and would consider it an honor to serve as a board member.

The pictures and statements may be found on the web at <http://www.ascra.org/2007BoardCandidates.htm>. There is a link from the home page [www.ascra.org](http://www.ascra.org) to this page.

### **Michael Hahn** **KGØXU**

My name is Michael Hahn, KGØXU (formerly KBØFEH). I live in Independence, MO and have been a ham since 1989. I worked up through the classes – Novice, Tech Plus, General and am currently an Advanced Class license holder.

I have taught the Boy Scout Radio merit badge at scout camp for several years and have participated in setting up and operating a radio station at reunions as I traveled for the church. I have served ASCRA over the years as Newsletter Editor, Board Secretary and Executive Director.

### **Ernie Miles** **WB2UJL**

I have been very dedicated to ASCRA for many years. It has been a rich experience getting to know many of the members very well. I have been a member and a director of ASCRA since the 70's. Part of that time I served as the President and net control for the 20 M Sunday net. I hope to serve as a Director many more years and soon again as net control for the Sunday net.

### **Barbara Redding** **W5HKY**

My name is Barbara A. Redding, W5HKY (previously HP1XBR, WD5HKY, DA2FX, WN5HKY). I have been licensed since 1977, as a Novice for two years, Technician for 15 years, Advanced for six months and Extra since 1993.

With my husband, children, brother, sister-in-laws and now my son-in-laws licensed, and our older grandchildren talking about getting licensed, I can say that amateur radio really is a family affair, and ASCRA has always been there for us.

ASCRA was our link to the U.S. when we were out of the country. The Sunday afternoon net is one place our friends from all over the world know they can find us. For better than 30 years we have spent most Sunday afternoons listening, if not actively talking on the net. Most years Terry and I have traveled Independence for the ASCRA meetings and I would be honored to be able to actively serve ASCRA.

### **Chuck Palmer** **NØONN**

Chuck Palmer is a current member of the board of directors and the ASCRA treasurer. His bio and photo were not available at printing time for this issue of IN-SERVICE.

(see **Doug Shaw** on next page)

## Doug Shaw WAØEMX

Licensed since 1962, I am a founding member of the ASCRA board of directors, serving continuously since we organized in 1973. Serving in my third stint as Secretary, I am currently configuring an EchoLink node for the WØSHQ repeater in Independence.

Scores of graduates from classes I taught over the years include seven in Honduras when I installed the station at La Buena Fe Clinic. Many years as Army MARS NCS, as ARRL Emergency Coordinator and in other ARRL field appointments reflect my strong belief in our obligation to be well versed in and capable of emergency communications support.

Because of the increasing cross pollination of rapidly advancing technologies I grow more excited and enthused daily about the potential ASCRA has for service to the Church and the communities of which it is a part. I am blessed by over 33 years as a member, ardent supporter, and promoter of ASCRA, to which I am firmly and forever committed.

### ASCRA 20-meter Net

These are the check ins I have recorded for the 20 M net since the last report in August. Hope I didn't miss any.

The net is held 3:30 PM CST, Sundays on 14.287 MHZ.

Ernie, WB2UJL

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NØAIX, Larry Ragan      WAØDVU, David Tickemyer  
WØDZX, Dave Atkins      NØELM, Fred Troeh  
WØFEN, Robin Cross      WIØF, David Tickemyer  
WAØIBS, Andy Ferrar      KGØII, Bob Farnham via N4OLT  
KCØQID, Mike Wright      KØTGU, Mary Jo Hallberg  
NØWZH, Steve Hampton

W1GS, William Good

N2HGL, Joseph Framo      W2TFT, Tom Thatcher

VK3AQN, Fred Naylor      KA3MEN, John Wall  
HP3UD, Denny Weldon

KU4BZ, Robert Zinn      W4CYF, Jim Bishop  
KE4VXC, Chester Allen      KF4ZUN, James Mosley

W5JWK, Jim Kosa      KA5MEI, Carl Warfield  
W5QPT, Ellis Thatcher      W5YGI, Gorden Peck

VE6DNY, Danny      W6LMJ, Terry Redding  
W6RWH, Hale Collins      AE6QW, Gorden Shackelford

K7NCG, Jim Fish

W8QK, Muirl Robinson

KB9JLC, Ken Collard      K9YV, Steve Fagan

## Balloting Procedure Options

Currently it is required that all ballots be returned to the Secretary by postal mail (snail mail). This may present a hardship to ASCRA members that do not reside in the USA, or at least in North America. Do you favor any of the following options?

1. Do not change the By-law regarding balloting.
2. Allow only members not residing in the USA to submit their ballots, or other indication of their choices, by E-mail when electing the board of directors.
3. Allow ALL members to submit their ballots, or other indication of their choices, by E-mail when electing the board of directors.
4. Indicate any other opinion or suggestions regarding this question.

Please return your feedback to me by E-mail at your earliest convenience. If you would like to discuss the issue by phone, let me know some convenient times to do so and provide your phone number and I will try to give you a call.

Thanks,

Doug Shaw, waøemx@arrl.net  
Secretary, ASCRA, Inc.

## World Conference ASCRA Operations

The ASCRA Executive Council supports Secretary Doug Shaw's suggestion that we obtain a 1x1 Special Event Call Sign for use during the 2007 Community of Christ World Conference, March 24-31. Both WØC (for World Conference) and KØK (for King of Kings) are available and are being considered. Members who wish to help operate WØSHQ during the conference or during the special event period being considered, March 24 through April 7, should contact Doug Shaw (waøemx@arrl.net) and Robin Cross (WØFEN, rhcross@swbell.net). Other ASCRA members may also apply for 1x1 Special Event call signs commemorating World Conference week at the National Conference of Volunteer Examiners web site, <http://www.ncvec.org/1x1.php>. There is no fee for obtaining a special event call sign.

Doug has also proposed an ASCRA QSO Party to celebrate ASCRA's 34 years of service and the 177th anniversary year of the Church. April 1-8 or later dates are being considered for this operation, immediately following the World Conference. Taking a lead from World Scouting's Jamborees on the Air and on the Internet, we may be able to include an internet component using a chat server as well. Other QSO party time frames will also be considered. Member feedback is encouraged.

Doug Shaw, waøemx@arrl.net  
Secretary, ASCRA, Inc.

## ASCRA E-mail Address Policy

Many ASCRA members are aware that we have a new e-mail list, which we call ASCRA-L. We created this mailing list to enhance communication among members of the Association of Saints Church Radio Amateurs. We have seen a lot of e-mail at the beginning as we are getting used to having access to it. I am expecting the volume of e-mail to settle down considerably. I expect this because ASCRA-L is a moderated list. A moderated list means that nothing gets sent to the list subscribers via the list unless the moderator first approves it. Ernie Miles (WB2UJL) is the moderator. The moderator function will reduce the volume of e-mail as well as screening out inappropriate message content.

Toward that end, I am asking all ASCRA members to let us know how we can contact you via e-mail. In requesting your e-mail address, we understand that you probably receive a lot of junk e-mail. (I have five e-mail addresses, and I certainly receive a lot of junk e-mail!) To reduce the number of junk messages you receive, the following policies will govern how your e-mail address will be used by ASCRA. Please contact me by sending an e-mail message to me at [kg0ii@arrl.net](mailto:kg0ii@arrl.net). In your message, please indicate which of the following three categories you desire for your e-mail address to be used by ASCRA. The categories are:

**Category 1:** ASCRA-L: The address will be used only for official ASCRA communication from elected Directors. By way of example, such communication may include the following:

- a. Requests for nominations and voting,
- b. Announcements relating to ASCRA activities; such as meeting announcements, the ASCRA web site [www.ascra.org](http://www.ascra.org), or the like,
- c. Requests for service to ASCRA; such as writing In-Service articles, participation in activities, licensing classes, or the like,
- d. Fundraising to cover budgeted projects, or
- e. Requests for timely input from members on issues affecting ASCRA,

Addresses in Category 1 will be subscribed to ASCRA-L, a moderated e-mail list server as described above. For those who are already subscribed to ASCRA-L, you will notice that this policy represents a change in the policy for ASCRA-L. Messages not fitting into Category 1 will no longer be sent to members via ASCRA-L, although they may be sent via ASCRA\_NET-L in Category 2:

**Category 2:** ASCRA\_NET-L: This category is established to fulfill an expressed desire to be able to contact ASCRA members for things that do not fit into Category 1. Examples might include disseminating information relating to Amateur Radio in general, notes from meetings, notes from the 20-meter HF net or other nets, prayer requests for fellow members and/or their families, or other kinds of messages intended to enhance the sense of association among the worldwide community of ASCRA members. This category incorporates ASCRA's implicit purpose of Christian fellowship and our collective interest in communicating as hams. Even so, we specifically discourage chain letters, politically partisan information except as it relates to pending legislation affecting Amateur Radio, attacks or jokes on individuals or identifiable groups of persons, and messages

which are more appropriately addressed to specific individuals. ASCRA\_NET-L will be unmoderated, so participants are on their honor when sending messages to this list.

**Category 3:** The address will be available in online and/or printed directories which are accessible by ASCRA members. Online directories containing e-mail addresses will be password-protected to prevent spammers from harvesting the addresses, and the password will be provided to ASCRA members via ASCRA-L. In all cases, members must be able to request not to receive certain kinds of messages with the expectation that their wishes will be honored by those who send messages.

Choosing either Category 2 or 3 automatically includes Category 1. But choosing only Category 1 will not automatically include either Category 2 or 3. Thus, in your e-mail message to me, please indicate one of the following choices:

1. Category 1 only,
2. Both Category 1 and 2,
3. Both Category 1 and 3, or
4. All three categories.

We respect the right of members to change the category of their e-mail address at any time; such as removal of their e-mail address from future online and/or printed e-mail directories, and/or removal of their address from either of the e-mail lists ASCRA\_NET-L or ASCRA-L.

In the event that we receive a request from one member for the e-mail address of another member whose address is not in the published e-mail directory, we will contact that other member for permission before disclosing their address.

Discussion of drafts of these policies among members of the ASCRA Board of Directors has highlighted that there are multiple perspectives on the appropriate use of e-mail by ASCRA. To the extent possible, we want you to have control over your privacy in the kinds of e-mail messages you receive, but we would also like to be able to contact you via e-mail within established guidelines. We hope the policies presented here will facilitate that end. If you have any questions or comments regarding this topic, I invite you to contact me. In addition to e-mail ([kg0ii@arrl.net](mailto:kg0ii@arrl.net)), I may usually be contacted via any of the following:

515-865-2667 (cell)  
MSN IM: bobfarnham  
Skype: bob\_kg0ii  
EchoLink: node 105020

Finally, I would like to use this opportunity to thank you for your generous support of ASCRA's mission and projects. As you know, ASCRA does not have a dues structure, but relies entirely on the voluntary contributions of its members to support budgeted projects. ASCRA's budget for 2006-2007 is \$860. Your participation in ASCRA's activities through your investment of energy, and your financial support of ASCRA's budgeted projects through your contributions is very much appreciated. Please let me know how we may be of support for you. I thank you very much.

73 de KGØII,

Bob Farnham  
Amateur Extra Class operator KGØII  
President, Association of Saints Church Radio Amateurs  
(ASCRA - [www.ascra.org](http://www.ascra.org))

**2007 ASCRA DIRECTORS BALLOT**  
**ASSOCIATION OF SAINTS CHURCH RADIO AMATEURS, INC.**

Election Ballot - Board of Directors - 2007-2008 term

You may vote for up to six (6) nominees by marking the box alongside or by circling their name.  
**More than six votes will invalidate your ballot.** Please sign your ballot, including your call sign.  
Each member voting must submit a separate ballot; no multiple votes on the same ballot, please.  
**Ballots must be RECEIVED by Saturday, January 6, 2007.**

**Voting Member's Signature & call sign:** \_\_\_\_\_  
(Please print your name below signature)

Eight nominees were submitted by the 30 September 2006 deadline; listed in order nominated. If you wish to write-in different name(s), use a space provided. **Vote for no more than six.**

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- \*\* Bob Farnham, KGØII, Lamoni, IA (President)
  - \*\* Michael Hahn, KGØXU, Independence, MO
  - \*\* Chuck Palmer, NØONN, Independence, MO (Treasurer)
  - \*\* Robin Cross, WØFEN, Kansas City, MO (Executive Director)
  - \*\* Doug Shaw, WAØEMX, Raytown, MO (Secretary)
  - \*\* Ernie Miles, WB2UJL, Durham, NC
  - Barbara Redding, W5HKY, West Palm Beach, FL
  - Jim Fish, K7NCG, Woodinville, WA
  - \_\_\_\_\_
  - \_\_\_\_\_
  - \_\_\_\_\_

\*\* Indicates incumbent board member (current office held)

**ASCRA Bylaws require ballots be mailed by US or other postal service.  
E-mail ballots cannot be accepted. Please use the Snail Mail.**

Return ballots to:  
Douglas Shaw, WAØEMX, Secretary  
Association of Saints Church Radio Amateurs, Inc.  
P.O. Box 73  
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## **IN-SERVICE**

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