"Push to Talk"
W6IER

Inland Empire Amateur Radio Club's Newsletter

P/O Box 1433 Ontario, CA. 91762

Volume 10, # 12 http://www.w6ier.org December, 2010

Club Repeaters - **145.460 on Sunset Ridge & 447.220 on Heap's Peak, both have a minus offset and a P/L of 77.0 Hz.** Both of the repeaters are open, with coverage in San Bernardino, Riverside, Orange, and Los Angeles counties - and also some areas of the High Desert and Northern San Diego County.

Club Net - is every Thursday at 7:30PM on 145.460 Mhz. or on 447.220 MHz, both with a minus offset and P/L of 77.0 Hz. Everyone is welcome to check in!

Monthly Club Meetings - are held on the first Saturday of each month, except December. We meet at 9am in the US Bank building, 333 North Euclid Avenue @ D Street in Ontario CA 91762. Parking is on the north side of D Street, curiously of the bank customers.

INLAND EMPIRE AMATEUR RADIO CLUB

Amateur Radio & Computer Swap Meet

(Black outs in January and October, due to Cable Airport has there own events.)

(Cable Air Show in January and Car Show in October)

Come and Join us on the Second Saturday of the month at Cable Airport in Upland for unbelievable Electronic & Ham bargains @
Cable Airport, 1749 W. 13th St. @ Benson Ave., Upland, Ca. 91786

FREE Parking and Entry for the Buyers

Vendors Spaces are $10.00 a Spot

Vendor Entry time is at 6:30 A.M. Buyers Entry Time is at 7:00 a.m.

Swap Meet Hours are from: 7 AM to 11:30AM

Directions to the W6IER Swap Meet

From I-10: Take Mountain Ave. Off ramp & go North to 13th St. Go West on 13th St. to Swap Meet
From I-210: Take Mountain Ave. Off ramp & go South to 13th St. Go West on 13th St. to Swap Meet

GPS – 34-06'38.86"N / 117-41'08.71"W

For more information about swap meet requirements, Contact: Karen Burkart at;
karen92316@yahoo.com or call 951-202-7681 after 6 PM.

Happy Holidays to all!

December meeting is the

Holiday party, on December 4, 2010, at the Avocado House, 11618 Central Ave. (West Side Of Central Ave., Between Francis And Phillips), Chino, Ca.

I Hoped You Planned To Attend.

ATTENTION: IT IS MEMBERSHIP RENEWAL TIME.

PLEASE FILL OUT YOUR MEMBERSHIP APPLICATION AND SEND IT IN, OR ELSE, YOU MAY BRING IT TO THE NEXT JANUARY MEETING ON THE 8TH OF JANUARY.

DON'T FORGET NOW, AND DON'T YOU BE LEFT OUT.

2010 Officers and Board Members

President - John Yocum, K6JGY @ johnk6jgy@gmail.com

Vice President - Chuck Sweeten, AI6I @ ai6i@verizon.net

Secretary – Bob Burnap, KE6QET Appointed, temporarily

Treasurer - Dave DeGroff, WA6DF @ wa6df@earthlink.net

3 Year Board Member - Jon Herber, KR6ER @ kr6er@msn.com

2 Year Board Member – Karen Burkart, KJ6HFX @ karen92316@yahoo.com

1 Year Board Member – Howard Kagebine, KB6UGS @ kb6ugs@msn.com

2011 Elected Officers and Board Members

President - John Yocum, K6JGY @ johnk6jgy@gmail.com

Vice President - Dave Becar, KI6OSS @ dbecar@charter.net

Secretary – Bob Burnap, KE6QET @ ke6qet@yahoo.com

Treasurer - Cliff Wickey, N6CTW @ n6ctw@msn.com

3 Year Board Member - Chuck Sweeten, AI6I @ ai6i@verizon.net

2 Year Board Member – Jon Herber, KR6ER @ kr6er@msn.com

1 Year Board Member - Karen Burkart, KJ6HFX @ karen92316@yahoo.com

Membership/Quartermaster – Doug Burkart, KE6UUC @ hamop22@yahoo.com

Swap Meet Chairperson – Karen Burkart, KJ6HFX @ karen92316@yahoo.com

Newsletter Editor – Cliff Wickey, N6CTW @ n6ctw@msn.com

The following is a re-print from the A.R.R.L. webpage:

Tips and Tonics for Healthier Radio Clubs

By D. E. "Dee" Logan, W1HEO

> *Successful radio clubs are a joy to experience. Easy to spot, they are usually populated by enthusiastic, gung-ho members who are involved with a full agenda of interesting things. They are generally at the center of most Amateur Radio activities in town.*

What makes a radio club successful? What secrets enable them to keep adding members, providing interesting activities and offering interesting programs? **Active clubs are healthy clubs. In addition to building friendships and mentoring new hams, operating events are a good way to showcase Amateur Radio to the public and recruit new hams.**

Healthy radio clubs are vitally important to the future of Amateur Radio. It is the club that often provides the motivation and support for such fundamental activities as recruiting new hams, sponsoring radio classes and doing volunteer testing. Clubs are often the best organizers and financers of expensive repeater systems, ham-fests and emergency communication programs, as well.

Many radio clubs have pondered these questions over the years. During my quarter-century of active ARRL-affiliated club participation (including years as an officer, director, newsletter editor and net manager), the answers have become increasingly clear. Here is my list of eight tips for a healthier radio club.

Have Fun!

Most of us enjoy Amateur Radio because it's fun. We use it to escape from work and stress, and as long as it fills that need, we return to it again and again. So the first sign of great radio club is that it is a fun place for hams to go. If it is fun, they will come, but if club meetings are long, boring and serious, seldom creating a chuckle among the members, the future is dark. If, however, the business meetings are kept short and to the point with plenty of light-hearted and fun things on the program, and there is a warm welcome waiting, members (and visitors) will enjoy coming -- and they will return. While clubs must conduct some business during meetings, most of the lengthy planning and detail work can be done by its board and officers.

Give 'Em What They Want

Good clubs have good programs. The most popular programs will meet the needs and interests of the members, so it pays to stay in touch with them. How? By listening. Survey them, talk with them and solicit feedback. Ask members to list their favorite program topics and invite ideas for guest speakers and activities. Ask what they do not want. Have them evaluate and rate programs and speakers. Check other clubs in the area for the names of good speakers. Find out who in your own club has a skill, talent or specialized knowledge that would make a good program.

Publish a Good Newsletter

The old saying, "Verbal orders don't go; write it," applies to club meetings. Shortly after forming the Fairfield Amateur Radio Club in Connecticut, members found that a written reminder was necessary to assure maximum attendance. A radio club newsletter fills this need. It also allows a club to promote its next meeting program while reporting a variety of important club news such as plans for Field Day, fox hunts, committee meetings, nets, social events, ham-fests and emergency drills. The club newsletter is also an informal history of the organization, and can include the minutes of meetings, as well as recognition of the volunteers who stepped up and made things happen.

The newsletter is often the only tangible thing a member receives for their dues, so the club should strive to make it the best quality possible. Finding a good editor who will accept the major responsibility for writing and producing it on time is a top priority, and can be difficult. Good editors make good newsletters, and good newsletters are found in good radio clubs. Even novice editors will find a wealth of help in popular software and reference books, so putting a newsletter together are fairly simple.

Tap the Talent

Radio clubs are cooperatives. Since they lack employees or paid staff, everything must be done by the members. These volunteers are the brains and brawn behind every club activity and are extremely important. The ability of a club to tackle a wide variety of programs and projects depends upon having enough volunteers. If there is one sad theme heard again and again in most clubs, it is this: "We don't have enough volunteers. The same few people do all the work. Those who don't pitch in should be pitched out."

Radio clubs must tap their talent pool. A skills inventory is helpful in identifying those with special talent or training such as electronic engineers, lawyers, writers, mechanics and so on. New member applications can ask for such information, and a periodic update of skills is helpful.

Getting enough volunteers is not just a matter of shaming members into it. Many members will step forward when a need is announced, but others need to be asked. The club's volunteer corps will remain strong if it does a good job of recognizing them and making them stars of the organization. After all, no paycheck is given for their labors, but a classy thing to do is to hand out a sincere public "thank you" during a club meeting, followed by a written acknowledgment in the newsletter. This simple application of human motivation can work wonders. The flip side is that if a club takes its volunteers for granted and ignores recognition, this precious talent pool may soon dry up.

A club can do a first-rate job of recognizing its volunteers by presenting awards and certificates at a special meeting or annual social function. The Cleveland Chapter of QCWA devotes one meeting a year to presenting awards and honoring those who serve. Another nice touch is to issue a news release to the local media listing those members who are being honored. How a club treats its volunteers influences the rest of members, and from those ranks can come even more honorees in the future.

Stay Active

Good clubs offer members a variety of activities. The club meeting is no substitute for fun things like Field Day, fox hunts, emergency drills, social nights, antenna parties and picnics. Active clubs give their members many opportunities to participate in interesting things.

Operating events, for example, allow many members to participate. Field Day is a classic opportunity for fun and public service at the same time, and special event stations can create enjoyable fellowship while promoting Amateur Radio. The Lake County (Ohio) Amateur Radio Club helped celebrate the county's anniversary by sponsoring a special event station that was open to the public, helping to promote Amateur Radio while providing its members with a fun time.

Staying active is a good growth tonic. If the main action in your club is drinking coffee, its future is doomed.

Use your Radio Communications

Having a club whose members possess personal radio communication capabilities is a great asset. Having an informal club net can promote fellowship among members while allowing discussion of club activities between regular meetings. Special features can be included, such as ARRL bulletins, a DX bulletin board, swap and shop, group trouble-shooting of technical problems or details on new equipment.

Promote Fellowship

Radio clubs do a wonderful service by helping individual hams meet others and promote mutual help. The tradition of Elmer's helping newcomers is often the first opportunity that hams have to demonstrate fellowship.

Together, radio club members can do much more than any individual is able to do. Erecting antennas, helping with license exams, troubleshooting, enjoying social events, sponsoring hamfests, providing emergency communications and many more activities are why radio clubs remain popular.

Social events can include such things as an annual awards dinner, like Houston's Northwest Amateur Radio Association does, or informal gatherings such as the Indian Hills Radio Club of Wickliffe, Ohio, that holds a weekly informal "lunch bunch" gathering on Fridays at a local restaurant.

Above all, healthy radio clubs are warm, inviting groups that make visitors and newcomers feel welcome. A greeting, handshake, a round of introductions and getting people involved as quickly as possible are sure signs of a club whose future is bright.

Recruit New Members

Clubs must recruit new members to insure their survival. Members leave for various reasons, and without a plan to replace them, clubs will stagnate. Promotion is important. Keeping the club name before the public and other hams should be a continuing effort. Use news releases regularly to announce club meetings, Field Day, emergency drills, new officers and social events. Invite newly licensed hams to your club meetings. Have a membership drive to encourage your current members to recruit new ones. Mail your newsletter to area hams with a special invitation to a future meeting, and put it on the Internet or send it via e-mail. Encourage members to bring guests. Opportunities to promote membership are limited only by a club's imagination and resources.

In summary, there are numerous factors that determine the success and longevity of radio clubs. So use these tips for an examination of your club's health, and here's hoping it is in good shape.

Devere "Dee" Logan, W1HEO, a Life Member of ARRL, has been a ham since 1962. He is founder of the Fairfield (Connecticut) ARA, past president of the Lake County (Ohio) ARA and newsletter editor for both the Indian Hills Radio Club and Cleveland Chapter One of the QCWA. An accredited Fellow of the Public Relations Society of America, he was the first chairman of the ARRL's Public Relations Advisory Committee. He lives in Mentor, Ohio.

Radio Club Program Ideas

- **Have a guest speaker. Topics can include ARES, Skywarn, antennas, radio history etc.**
- **Show a video.**
- **Show a Power Point.**
- **Have an auction. Club members can bring items, with a portion of proceeds going to the club.**
- **Go on a field trip. Visit local radio or TV stations, electronics firms or police communications center.**
- **Radio trivia game. Ask questions relating to radio, with prizes for most correct answers.**
- **Show and Tell. Members bring items and describe them.**
- **Homebrew night. Members bring a radio construction project and describe it.**
- **QSL night. Cards are shown and stories told relating to the contacts.**
- **Technology updates. Details of new modes (digital, APRS) and circuits.**
- **Equipment reviews. Owners of new ham equipment describe and evaluate it.**

Editors note:

The question is: "How many of these tips of Dee Logan, are being fulfilled in your club? If not many, maybe then it is time to start thinking about all of the ideas as a complete plan!" Here is a few more to add to the list:

1. *A talk and demonstration on T-Hunt*
2. *Build a Tape Measure Yagi Antenna using PVC for the boom*
3. *Demonstration on IRLP*
4. *Demonstration on Echo link*
5. *Demonstration on RTTY*
6. *HF Net on 60 Meters in addition of UHF/VHF net.*
7. *Improve simplex operations without a repeater operating during UHF/VHF net time.*

V. President Message-

November is here and so is Thanksgiving. The Inland Empire A.R.C. has a lot to be thankful for. This will be the last news article I will be putting in the Push To Talk as Vice President. So I will keep it short.

I want to thank all of the members for all of your help in 2010.
I wish all a Happy Thanksgiving, a Better year for the Club. So lets all COME TOGETHER and support the NEW Club OFFICERS for 2011.

Happy Thanksgiving

Chuck

Footnote, one more time in December. Merry Christmas and Happy 2011.

Chuck

General Meeting Reports *– was e-mailed to the Newsletter Editor for posting*

Minutes of – November 6th, 2010

Date November 6,2010
This monthly club meeting for the Inland Empire Amateur Radio Club was called to order by, John K6JGY President at 9:05 am , Followed by the Pledge of Allegiance.

Motion to accept minutes by: Chuck AI6I second by Karen KJ6HFX motion carried.

Treasures report: Doug KE6UUC made motion and second was made by. Dave KI6OSS,

Discussion by Cliff N6CTW He thought that there was a recording error in the treasures report. After the discussion Doug KE6UUC with drew the motion to accept the treasures report second by Dave KI6OSS.

Announcement of the passing of Steve Renault
Guest Speaker: Brendon KJ6HVP
Committee reports:
Membership: membership dues are due from now until the end of the year.
Newsletter: No report
Webmaster: No report
VE Testing: Had one test today and the person passed.
ARES and RACES: No report
Tech Committee: Tasma:
Scrrba: Wants to go to narrow bandwidth which will allow more room for repeaters on the band. They are asking for repeater owners that would be willing to narrow in place. Would we be willing to narrow in place?
Swap meet : Karen KJ6HFX updated vendor list and is working with all the vendors to bring in more vendors and work on better notification of scheduling issues.
Education: One Student graduated and new classes are beginning.
Old Business: nominations are open for the new officers
President, John K6JGY
Vice president, Dave KI6OSS
Secretary, Bob KE6QET
Treasure, Dave WA6DF
Cliff N6CTW
3 Year board member, Howard KB6UGS
Chuck AI6I
Tim KJ6HSX

The results for the election, President John K6JGY
Vice President Dave KI6OSS
Secretary Bob KE6QET
Treasure Cliff N6CTW
3 Year board member Chuck AI6I

Christmas Party, December 4 ,5pm dinner at approximately 6pm at the Avocado House .RSVP via email.
New Business: The January meeting will be on January 8th due to the original meeting day is on New Years day.
The 50/50 Drawing: was $ 46, $23 to the winner, won by Bob KE6QET
There were 16 people present at this meeting

The meeting was adjourned at: 10:53 am.

COMMITTEE REPORTS –

For any insertion of information in to the next month's edition, please forward your information to the Newsletter Editor, ten days prior to the next scheduled Club Meeting. If you have any questions, please contact the chairperson in charge of the subject that is in question.

ARES/RACES/RED CROSS/S.A.T.E.R.N. & others – NETS:

Sunday
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net
@ 1900 Hours on 145.440 Mhz. P/L 136.5 Minus offset – Tri-County ARC Sunday Evening Net
@ 2000 Hours on 146.385 Mhz. P/L 146.2 Plus offset - S.A.T.E.R.N. (Salvation Army Team Emergency Radio Network)
@ 2000 Hours on 3.908 Mhz. (LSB) W.A.R.F.A. (Western Amateur Radio Friendship Association)

Monday
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net
@ 1900 Hours on 147.300 Mhz. P/L 123.0 Plus offset – Upland/ Rancho Cucamonga ARES/RACES Net
@ 1915 Hours on 445.340 Mhz. P/L 88.5 Minus offset – Yucaipa Amateur Radio Club Net
@ 1930 Hours on 3.9875 Mhz. (LSB) San Bernardino County R.A.C.E.S.
@ 2100 Hours on 146.385 Mhz. P/L 146.2 Plus offset – So. Calif. Net VHF

Tuesday
@ 1700 Hours on 146.385 Mhz. P/L 146.2 Plus offset – So. Calif. Net VHF
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net
@ 2000 Hours on 447.200 Mhz. P/L 114.8 Minus Offset – Ontario R.A.C.E.S.
@ 2000 Hours on 449.300 Mhz. P/L 103.5 Minus offset – Moreno Valley ARES/RACES Net
@ 2000 Hours on 3.908 Mhz. (LSB) W.A.R.F.A. (Western Amateur Radio Friendship Association)

Wednesday
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net
@ 1900 Hours on 147.060 Mhz. P/L 146.2 Plus offset – Corona/Norco R.A.C.E.S Net
@ 1900 Hours on 146.895 Mhz. P/L 118.8 Minus offset – Mile High Amateur Radio Club Net
@ 2000 Hours on 146.445 Mhz. FM Simplex - Jurupa ARES/RACES Net
@ 2000 Hours on 52.680 Mhz. Minus offset – Southern California Six Meter Club
@ 2100 Hours on 146.385 Mhz. P/L 146.2 Plus offset – So. Calif. Net VHF

Thursday
@ 1700 Hours on 146.385 Mhz. P/L 146.2 Plus offset – So. Calif. Net VHF
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net
@ 1930 Hours on 145.460 Mhz. P/L 77.0 Minus offset (1st, 2nd and 4th Thursday, except Holidays) – W6IER Net
@ 1930 Hours on 146.460 Mhz..W6IER - Simplex Net
@ 2000 Hours on 3.908 Mhz. (LSB) W.A.R.F.A. (Western Amateur Radio Friendship Association)

Friday
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net
@ 1915 Hours on 3.598 Mhz. (LSB) Southern Calif. Detail Tech Net
@ 2100 Hours on 146.385 Mhz. P/L 146.2 Plus offset – So. Calif. Net VHF

Saturday
@ 1830 Hrs. on 3.906 Mhz. LSB - California Traffic Net

Thursday Night Net*- *Doug Burkart, KE6UUC

First off I would like to wish everybody a very "Happy Thanksgiving" and a safe holiday.
Second is the Simplex Net.
I need everyone to make sure that they know how to put there radio's in the simplex mode so that we can communicate with one another. This is important in time of a crisis. Remember "PREPARATION IS THE KEY". If we had an emergency, the time for preparation is past. This is why we (The IEARC) need to be ready for what ever befalls us and handle it like true Amateur's.
This is why we need to prepare now instead of waiting till it's too late.

Doug Burkart KE6UUC
IEARC Net Control Operator

Odds & Ends & Tidbits – **Contributed Anonymously**

Antenna Mounting Suggestions

The materials we choose and the techniques we use to build things, are influenced by our experiences, tools and materials available. Plumbers naturally think of what they can do with different types of pipe, carpenters think about how to solve problems using wood and welders look to various metals when they want to make something.

The following is a list of ideas that have been applied and why they were used. The plan is to get some pictures soon, to go with the descriptions.

Plumbing Pipe

The plumbing department is a great place to look for antenna supplies. There is copper pipe for a J-pole, PVC to make a cover for a ribbon J-pole and ABS or large PVC for making storage cases. Some ideas that have been used are:

- Building antennas with a 3/4" inside thread fitting as the mounting attachment. This allows the antenna to be mated to different support systems. For example the antenna can be attached to a length of threaded pipe or a slide up mast.
- Build masts and antenna mounts with a 3/4" outside thread fitting. This allows the antennas to be simply screwed to the mast.
- The larger PVC pipe (3" & 4") can be used to make a storage case for antennas and antenna hardware. Use a length of pipe, as long as a copper J-pole antenna, attach an end cap permanently on one end (glue or a couple small screws) and have a second end cap that is not fastened. The J-pole antenna slides inside the pipe, slide the second end cap on and you have a storage container for that spare J-pole, which protects the antenna during storage or transportation.
- The 1/2" and 3/4" white PVC pipe is ideal for light weight antennas, such as an inverted SO239 with radials. The 3/4" pipe will typically allow a PL259 connector to slide inside. By cutting a notch (approximately. 3 to 4") in the end of the pipe, wide enough for a piece of coax cable, you can connect a PL259 connector to the SO239 chassis connector. Take the PL259, with the SO239 connector attached and slide the PL259 cable end into the pipe, the cable will exit through the slot in the pipe and the barrel portion of the PL259 should friction fit inside the pipe. The assumption is that the SO239 connector has a centre wire and radials, to make an antenna. You have many options on what to do with the other end of the PVC pipe, but one idea is to make the pipe long enough to slide the antenna radials inside (assuming the radials are removable) and put a 3/4" inside tread pipe fitting on the end of the pipe.

Odds & Ends & Tidbits – (Con't.)

- Another use for the 3/4" PVC pipe, is to make a portable dipole antenna. Use a length of pipe as the horizontal support, with a T fitting at the end. Drill a hole near one end of the pipe and insert a length of coax, towards the other end. Strip the end of the coax and slide the end into the centre of the T, so the centre exits on direction and the shield exits the other direction. Attach two BNC chassis connectors to the coax, one to the centre and one to the shield. Use epoxy glue to secure the BNC connectors in the ends of the T. Once the epoxy is set, glue the T onto the end of the PVC pipe. Attach a 3/4" inside thread fitting to the other end of the pipe for mounting the antenna. Cut the two antenna whips the required length and attach each one to a BNC connector. Now the antenna whips can be attached or removed using the BNC connectors. When not in use, the whips can store in a length of 3/4" PVC pipe with a couple end caps on it.
- ABS pipe is also useful for antenna cases. If you build an antenna with the inverted SO239 chassis connector and the radials for the antenna can be removed, then a length of ABS pipe with a cap permanently attached on one end and a removable cap for the other end makes a great antenna case. Slide the radials and the antenna centre whip inside the PVC pipe. Now slide that all into the ABS pipe and slide on the cap. The antenna and radials will not get lost. If the radials attach with bolts, you can include a small screwdriver in the case, so everything is in one place, ready to go.
- Copper pipe can be used for antennas such as the J-pole, but it also can be useful to build antenna mounts. Copper is quite strong and easy to work with, using simple tools (so long as you consider a torch a simple tool).

Cable Ties

The more prepared you are for emergency communications, the more cables that need to be kept organized. One source of twist ties is garbage bags. If you tie the bag and save the ties, they make great removable tie wraps for cables. However in the effort to save money, the quality of twist ties has gone down and they barely survive a single use today.

One alternative is to make a trip to the hardware gardening section. There you will find a small roll of green plastic covered wire, designed for tying up plants. The wire typically comes in a plastic holder with a metal cutter attached. Simply pull out as long a piece as required and cut it off. The quality is quite good, allowing re-use of the twist tie.

Antenna Mount For Glass

From specific problems, comes an unusual solution. Most modern buildings have a lot of glass and no windows that open. Whether you are operating from the inside or the outside of the building, it would be nice to attach an antenna to the window, to get it out of the way and above the crowd.

The solution is a suction cup, such as those used for carrying glass or removing data room floor tiles. If you can find one that is broken (i.e. a double unit that broke in the middle) then the costs are much lower. If not, they are available. Depending on the unit that you have, make an adapter that will allow a light weight antenna to be attached. This is another opportunity to use the 3/4" outside thread pipe fitting. Using PVC pipe, you can build a short mast that would allow a simple dipole or inverted SO239 antenna to be attached.

Happy Holidays to all!

Inland Empire A.R.C. Inc.

ARRL Affiliate Club #2176

Membership Application

Effective 9/04/2010

Check if new member ☐ **DATE:** _____

NAME _____ **Name For Badge:** _____

CALLSIGN: _____ **LICENSE CLASS:** _____

Family Member: _____ **CALLSIGN:** _____ **CLASS:** _____

ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

Home Phone: ( ) - **Email Address:** _____

Do You Want a Club Badge yes☐ no ☐ CHECK FOR NON-PUBLICATION Phone☐ Email☐ Address☐

ARE YOU A MEMBER OF ANY OF THE FOLLOWING:

ARRL: Yes☐ No☐ ARES: Yes☐ No☐ MARS: Yes☐ No☐ ACES/ACS: Yes☐ No☐

Inland Empire ARC owns & operates 2 repeaters, which is funded through our Swap Meet and membership dues, 145.460 – PL 77.0 & 447.220 – PL 77.0 This system operates 24 hours a day, 7 days a week for our members. We ask that you participate in public service or make a donation to help maintain this equipment. Please check the appropriate to participate in public service or make a donation, please indicate below.

PUBLIC SERVICE: ☐ **or** DONATION: $_____

Indicate your choice of membership below:

SINGLE $ _____ **OR FAMILY $** _____

DUES ARE $25.00 ANNUALLY – ADDITIONAL FAMILY MEMBERS
LIVING IN SAME HOUSEHOLD MAY JOIN FOR $5.00 EACH UP TO $35.00 FAMILY TOTAL
MAKE CHECKS PAYABLE TO: Inland Empire A.R.C.

JANUARY	$25.00	APRIL	$18.75	JULY	$12.50	OCT*	$31.25
FEBURARY	$23.00	MAY	$16.75	AUG	$10.50	NOV*	$29.25
MARCH	$20.75	JUNE	14.50	SEPT	$8.25	DEC*	$27.00

*LAST THREE MONTHS INCLUDE NEXT YEAR'S DUES

Send Application with Dues Payment To:

Inland Empire A.R.C. P.O. Box 1433 Ontario, CA. 91762

OFFICAL USE ONLY – Do Not Complete This Area.

AMOUNT PAID $ _____ **For Year(s)** _____

☐ *CASH* ☐ NEW ☐ *RENEWAL* ☐ *CHECK#* _____

PROCESSED By: _____ **DATE:** _____

Member Signature:_____ **DATE:** _____