

Allen County HamNews

Fort Wayne Radio Club

Allen County Amateur Radio Technical Society

June 2005

Volume 6 Issue 6

146.76 MHz, 146.91 MHz & 444.875 MHz Repeater Move Status

– Al Burke, WB9SSE

Several club members (Jim Pliett, Steve Nardin, Phil Hooper and Al Burke) recently meet with engineering personnel from AEP at the proposed new site for the 146.76 MHz, 146.91 MHz and 444.875 MHz repeaters (i.e. at the AEP Robinson Park site at Tonkel Rd. and I-469). The purpose of the meeting was to jointly eye-ball the Robinson Park site to talk about AEP site and engineering requirements, plan specifics about the move from the current Spy Run site to the new site, and to talk about installation of our equipment shack, feedlines, antennas and so forth. From this meeting we learned:

1. Installation of our repeaters on the AEP tower site would be on a rent free basis based upon the public service/emergency preparedness aspects that the FWRC repeaters provide to the community.
2. AEP plans to dismantle the Spy Run tower by the end of this Fall. It appears that this is an AEP corporate decision. This means that if 146.76 MHz, 146.91 MHz and 444.875 MHz are to remain on the air, a move to another site (such as Robinson Park) must be implemented.
3. They plan to have their tower subcontractor remove our existing antennas, mounting hardware and feed-

lines such that they are not damaged with the intent they can be reused at the new site. AEP cannot guarantee that this will be possible, but if it can be done and we subsequently determine that the antennas, feedlines and other hardware are in good shape then a significant expense on the part of the FWRC (having to replace these items with new) can be avoided. If the existing items are not reusable then the club will be faced with financing a very significant expense for these items as it's not likely that we could convince feedline or antenna vendors to donate such items.

4. Our equipment shack (donated to the club by Raytheon) is an 8' x 10' x 9' steel building. We will need to install a concrete pad to place this building at the Robinson Park site to satisfy AEP engineering requirements. If we can convince one of the local concrete suppliers to donate a load of concrete, we can put the pad in for around \$50.00. If we cannot obtain donated concrete, the pad will likely cost us about \$350.00.
5. We will need to provide an ice bridge from our equipment shack to the base of the tower. The cost to fabricate the ice bridge is not known exactly but is presently estimated to be around \$150.00.

—Continued on Pg. 3

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Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN) and the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN).

Please send any articles, corrections, for sale notices, etc. to the editor, Victor Guess, WB9UZA, wb9uza at arrl.net. Please put "for newsletter" in the subject line. Text should be plain ASCII, graphics should be JPEG or GIF. For those computer impaired: snail mail to 3311 Sanibel Drive, Fort Wayne, IN, 46815-4755.

Deadline for July issue is Friday, 7/1/05.

Please do NOT send anything in all caps!!

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Fort Wayne Radio Club:
<http://www.fortwayneradioclub.org>

ACARTS:

<http://www.acarts.com>

Ft Wayne DX Association:

<http://www.qsl.net/fwdxa/>

Hamsplatter

Fort Wayne Radio Club

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President's Corner



very well for us and we decided to return.

We will have QRP night on Friday night June 24th. We have access to the Lodge starting about 6:00 PM. We will be able to start getting some of the tents setup and, of course, QRP night would not be complete without your QRP rig. Bring your favorite QRP rig, your portable antennas, set them up and try them out. This is your change to show off your QRP station in operating conditions.

Saturday June 25th we will start setting up our Field Day stations by 8:00 AM. I expect that we will have one GOTA station, two VHF stations, one HF code station, one HF phone station, and one other HF station that could be digital or phone. There will be plenty of opportunities for everyone to operate. And that is our goal! We want everyone that comes out to have a chance to operate.

At 1:00 PM we will start on the air for the 24-hour period, so we need plenty of operators. We are planning our usual Field Day Hog Roast for Saturday evening. Tickets for the Hog Roast will be available at the door.

And don't forget the help tear down after Sunday at 1:00 PM when on the air operations cease. We have had good help the last couple of years for the tear down so keep up the good work this year. And we can always use a few more.

Also this month is the ARRL June VHF QSO party. That event is from 1:00 PM EST on Saturday June 11th through 10:00 PM EST Sunday June 12th. We have not had an official FWRC club group participate in this contest for several years, but we are planning one this year. This

would be a great warm up for Field Day. If you would like to participate please contact Steve, WB9ZIY.

I also want to make sure everyone reads Al Burke's article on the front page about the work and expense we are facing moving the 146.76 repeater. I cannot over emphasize that this move is a big undertaking for the club. The cost could be from half to all of the money we currently have in savings. We need every club member to stay informed because we will need to vote whether to spend this money or not. As Al mentions, we will be putting together some more detailed cost estimates and bring them to the general membership. We will need your help making this important decision. If we decide to move forward we will also need your help preparing the site, preparing the building, and a number of other tasks that will follow. We will also be taking donations from anyone who would like to donate to this project.

See you at the club meeting on the 17th!

Tom / N9TB

**June Meeting:
Fri, June 17, 7:00 PM
Program:
Field Day Prep.**



Repeater Move Status, cont'd. from pg. 1

6. The Robinson Park tower is approximately 240' tall. Some form of attachment device will be required to attach the feedlines to the tower legs at approximately 3' intervals up the tower leg. The exact form of these devices has yet to be determined but it's possible that the number of these devices could be a very significant cost driver. We would hope to be able to use the attachment devices from the Spy Run tower to avoid additional cost, but noted that the Spy Run tower is of flat angle construction while the Robinson Park tower is a tubular "Pyrod" tower, so it's possible that the Spy Run attachment devices will not work on the Robinson Park tower.
7. It was noted that the height of the antennas above average terrain at Robinson Park would be about equivalent to the height presently enjoyed at the Spy Run site. Since Robinson Park is north of the city, and the antennas would be placed on the south facing leg of the tower, it is expected that the coverage south would certainly be excellent, and the coverage north would at least be equivalent to that experienced from the Spy Run site.
8. AEP will require tower climbers with appropriate experience, equipment and insurance be used to install our feedlines and antennas on their tower. It may be possible to provide these personnel from within the local ham community as donated services. But if this in

not possible, then the club again faces a significant expense presently estimated to be on the order of at least \$600.00.

Subsequent to the AEP site meeting, a planning meeting between FWRC Board members and several other club members was held. The purpose of this meeting was to discuss the implications to the club regarding what was learned from the AEP Robinson Park meeting. Many issues were discussed and plans to work specific problems were developed. An outcome of this meeting was the realization that the move from Spy Run to Robinson Park may well exceed the present financial capabilities of the club. It was decided that more specific numbers regarding costs need be developed with the goal of developing lower and upper bound estimates of the costs that would be expected. The lower bound cost estimate will be based upon what savings might be realized from donated labor and materials (and specific inquiries regarding donated labor/material will be pursued). The upper bound cost estimate will be based upon cost inputs from hardware and labor vendors assuming that these items cannot be obtained as donations.

When lower and upper bound cost estimates are developed the results will be published in the Hamsplatter and will be briefed at a club meeting. Given that the cost to relocate from Spy Run to Robinson Park will clearly exceed the \$100.00 expenditure limit requiring a membership vote, it is for certain that a membership vote at a club meeting will be required to decide if we in fact proceed with putting 146.76 MHz (and 146.91 MHz and 446.875 MHz) back on the air once the AEP Spy Run is dismantled this Fall.



FWRC Spring Banquet Program

Field Day Hog Roast

We are once again having a Hog Roast Saturday night at Field Day. The cost will be \$10 per person and the menu consists of hog, potato salad, green beans and rolls. Plates, napkins and utensils will be included. If everyone could please bring a dessert to share, it would be greatly appreciated. The club will provide coffee and lemonade. Dinner will be served approximately at 5:30 PM.



STATE OF THE ARTS

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

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President's Message



It is June already, can you believe it ?. This means that Field Day is coming soon. We as a club will not be organizing our own event. It takes a lot of people to setup and run a true Field Day Event. A true Field Day is where you go to a park or open field and setup tents, towers and antennas, and generate your own power. You also operate for 24 hours to see how many contacts you can make. So far nobody has offered to organize an attempt. We may have a few members who would participate, but to make it worth the effort, we need 12 to 15 people. Those who want to participate in Field Day Day are welcome to go to the Fort Wayne Radio Club event. Those of you who are new hams should go to one as they are a lot of fun and you learn about emergency preparedness.

This month's program will be a report from Emery McClendon, KB9IBW, about the activities that the ARMAD group has been involved in during May. The details are in the activities report. They have been very busy, and are putting the area and local ham radio community on the map. It should be a very interesting program. Since it is summer and everyone is busy and it is hard to come up with programs, we will not have a general meeting in July. In August we have our annual family picnic in place of the general meeting. We will still have board meetings.

By the time you read this, the 147.255 machine should be back on the air. It will have a limited range as it will be working off a Ringo Ranger at about 50 feet. This is only temporary until we secure a permanent site. We are putting it on so we can maintain it as a active frequency. That is all I have for this month.

73,
Vic, KA9LTV

June ACARTS Program

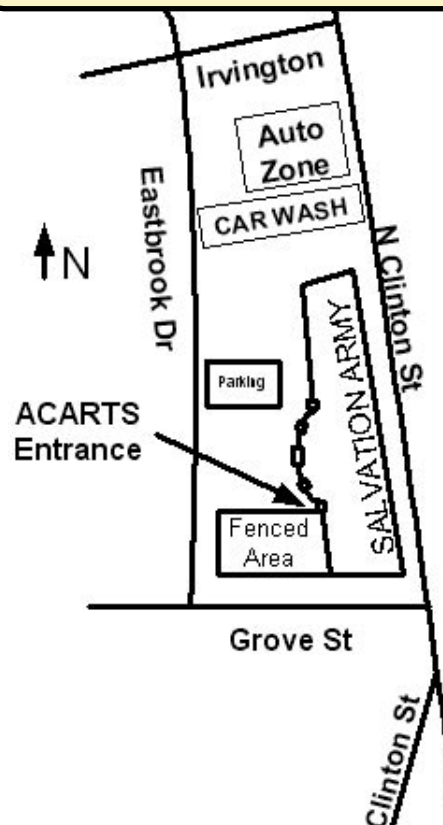
The June program will be a report on the activities of ARMAD during the month of May. It will be presented by Emery McClendon, KB9IBW. During the Month of May ARMAD participated in a rally in Auburn for VE Day, a Rally for America with Glenn Beck in Fort Wayne, and the annual Memorial Day event. The group made many contacts during these events. Emery is planning on having some video of the events.

Meeting Schedule

June General Meeting: 7:30 PM, Tue, June. 21, Program: ARMAD Events

Next Board Meeting: 7:30 PM
6/14/05

All members are encouraged to attend.



Communicating Through Catastrophe

National Institute of Standards and Technology (NIST) has been conducting some revealing experiments in radio propagation through building rubble. An article in the May 7, 2005 *Science News* <<http://www.sciencenews.org/articles/20050507/bob8.asp>> describes how they have been placing test transmitters in key locations in buildings being demolished in order to study how radio signals penetrate the rubble. Frequencies and power levels are selected to represent the equipment used by emergency personnel as well as standard cell phones.

“The dampening effect of rubble on radio signals that the team has measured is enormous. Nonetheless, faint radio whispers were still detectable by sensitive receivers, even though the transmitters were covered by tons and tons of debris. There’s hope for communicating in those situations, even in the extreme cases.”

“By comparison, the signal strength in rubble is routinely four to five orders of magnitude lower than that in air. At a few locations, it diminishes by yet another factor of 1,000.”

Measurements are also being done on intact buildings.

“During measurements in Phoenix, for instance, the team found that radio signals behaved dramatically differently in two office buildings that were made of steel and plate glass and looked nearly identical. The likely reason? Different types of window tinting. The coating on one of the buildings is a better electrical conductor, which means it reflects more sunshine and radio waves than does the tinting of the other building.”

The type of modulation used can also affect the intelligibility, a finding that should not surprise amateur radio operators.

“A rudimentary distress signal, such as an SOS in Morse code, on a narrow frequency band might be easier to extract from the radio clutter than a plea for help spoken in words. To be intelligible, words must be received simultaneously on a wider band of frequencies than the one required for a simple signal of long and short pulses.”

The results of these tests may affect both the design of communication equipment for first responders as well as building codes.

May 2005 ACARTS Board Meeting Minutes

The meeting was called to order by Vic, KA9LTV.



Vic announced that the May General Meeting program would be part two of the video on web site design.

Vic said that he had received an e-mail from Gene, KB9KKG, regarding establishing a multi-county disaster network for the Red Cross. Howard, N9ADS, stated that he had talked to Gene on the telephone and had given him the names of people to contact in the counties involved.

Steve, KB9BGW, asked if any progress had been made on relocating the 157.255 repeater to the Fort Wayne Radio Club site. Jim, KB9IH, said that he would talk to Tom, N9TB.

Don, WB8HQS, said that he was having the Hamfest flyers printed in time for the Dayton Hamvention. He added that Pembleton Electronics wanted their advertisement on the back, and would distribute them at hamfests that they attend.

Jim, KB9IH, said that the ARRL had approved the Hamfest as the Indiana State Convention for 2006 as well as for 2005.

The meeting was adjourned at 8:10 pm.

Submitted by Dave Lindquist, W9LKH

May 2005 ACARTS General Meeting Minutes

The meeting was called to order by Vic, KA9LTV.

Vic said that the June General Meeting program would probably be a video presentation by Emery, KB9IBW, on the 2005 Amateur Radio Military Appreciation Day (ARMAD) activities.

No other new or old business was discussed.

After refreshments, part two of the video on web site design was shown.

Submitted by Dave Lindquist, W9LKH



**A Look At
Cycle 23
Carl Luetzelschwab,
K9LA**

Ft Wayne DX Association

Solar Cycle 23 peaked in early 2000 at a smoothed sunspot number of 121. In terms of its maximum smoothed sunspot number, Cycle 23 is pretty much an average solar cycle. Figure 1 shows its progress to-date (thick line) and its predicted decline (thin line). Note that the official smoothed sunspot number is always 6 months behind the current month due to the heavy averaging used in its calculation.

We are now about 5 years past solar maximum, and Cycle 23 continues its descent toward solar minimum. Solar minimum is expected to occur sometime in the late 2006 to early 2007 time frame - which means we're still about a year and a half away from solar minimum.

WHAT TO EXPECT AROUND SOLAR MINIMUM

10 m and 12 m will have openings via the F2 region that are few and far between. When they occur, they most likely will be in the late afternoon in the Fall, Winter, and Spring, and will be of a general north-south nature (to South America, to South Africa, and maybe even to VK/ZL). Don't forget that Es (sporadic E) still occurs around solar minimum, and it should offer some nice openings within the North American continent in the summer (around noon and in the early evening) and in December (early evening).

15 m will occasionally offer good worldwide DXing. But like 10 m and 12 m, these openings will be

few and far between.

17 m and 20 m will be the workhorse bands for long-haul DXing. So make sure your 20 m and 17 m antennas are in tip-top shape - you'll work most of your DX on these bands in the next several years.

30 m and 40 m will continue to offer good DX opportunities during nighttime hours. Of all our HF bands, these two probably change the least over a solar cycle.

80 m and 160 m will gradually become better and better as we approach solar minimum, and will likely be best in 2006, 2007, and 2008. It's tough getting a good transmit antenna up on these bands, but there is a lot of information to help you - the ARRL Antenna Book, the ARRL Antenna Compendium series, and ON4UN's Low Band DXing book, to name a few. Add a small amplifier and a small low-noise receiving antenna, and your DXCC totals on these bands will increase.

EARLY PREDICTIONS FOR CYCLE 24

With Cycle 23 nearing its end, the scientific community is already taking a look ahead to Cycle 24 - what will its maximum smoothed sunspot number be and when will solar maximum occur? The general consensus is that Cycle 24 will be like Cycle 23 or a little lower. See Figure 2 - this prediction (from Schatten) shows the peak in the 2011 to 2012 time frame at a maximum smoothed sunspot number of about 110.

Some scientists are even predicting a maximum smoothed sunspot number of only around 75. We haven't seen anything that low since Cycle 16 (from 1923 to 1933), and it would really decrease F2 region openings on the higher bands. What will Cycle 24 really do? We'll just have to wait and see.

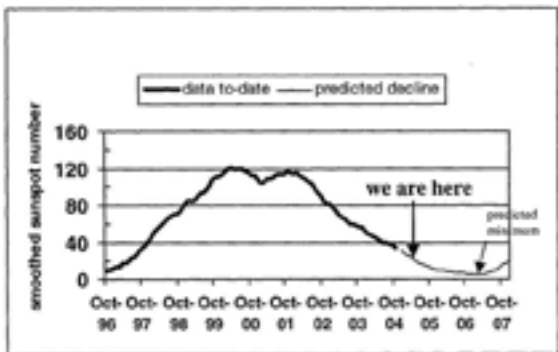


Figure 1 - Cycle 23 Status

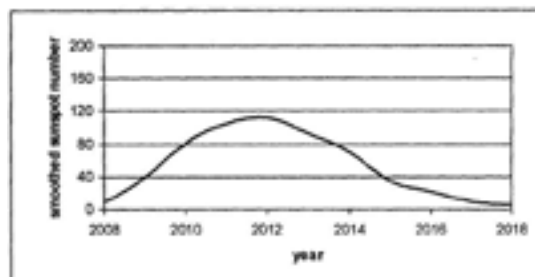


Figure 2 - Cycle 24 Prediction

Indiana Section News for April 2005

Condolances to the Family and Friends of Howard E. Hart Sr. WB9DIX of Anderson, who became a Silent Key April 3. He will be missed.

As many of you already know, a resolution in the US House of Representatives number HR 230 has been introduced by Rep. Mike Ross (D-AR). HR 230 expresses the sense of the House of Representatives that the FCC should reconsider and revise rules governing broadband over power line systems. Rep. Ross is an amateur radio licensee, and a member of the House Telecommunications Subcommittee. The following is a general strategy on this legislation. We need to get as many hams in the Central Division active as possible with a grassroots initiative. This effort is targeted specifically for the US House of Representatives since the resolution was introduced in this chamber. There are three goals.

1. Influence those members of the House, both leadership (Tier I) and the House Energy and Commerce Committee (Tier II) to support delaying the implementing of BPL. These are the members who can "move" this resolution. If action were to be taken on this bill, each of the Tier I and Tier II members would have some type of role. If you are unsure who your Member of Congress is, refer to the search options on the following website: <http://www.house.gov>. This site includes complete contact information for every US Representative.

2. Add co-sponsors to the House Resolution. It is especially important to have members in Tier I and Tier II become a cosponsor for this legislation. The staff for the Energy and Commerce committee has told us that if the resolution were to get enough cosponsors that they could move the bill through without complications. The more cosponsors, the easier and quicker the resolution would move. A great way to ask for co-sponsorship is by sending a letter. Please use your own words to urge co-sponsorship of this bill so as not to have it appear as a mass-mailing. A copy of your paper letter should be e-mailed to your representatives and faxed to 703-684-7594 or emailed to hres230@arrl.org for our lobbying purposes.

3. We need for ARRL members to network with the law enforcement and public safety community in your divisions. Contact your Section Manager for the names and addresses of these individuals in the Indiana Section. They include members of the National Public Safety Telecommunications Council (NPSTC) and the Association of Public-Safety Communications Officials

International (APCO). These two groups of filed comments with the American Red Cross. The International Association of Chiefs of Police, The International Association of Fire Chiefs and the International Association of Emergency Managers.

While contacting your representatives, it needs to be mentioned that ARRL has filed a petition for reconsideration to the FCC.

We want to reemphasize that Rep. Mike Ross (D-AR) introduced this legislation for Amateur Radio operators with the request that the primary interference group be the Public Safety and Law Enforcement community, in addition to "other licensed radio services." It would be difficult to fight to secure congressional support by ourselves.

Please remember that if you're considering taking one of the Emergency Communications Courses from the League on-line, now is the time to do so. Enrollment for EC-001 is on the first Monday of each month. Enrollment for EC-002 is on the 2nd Monday of each month, and enrollment for EC-003 is on the 3rd Monday of the month. For more details, go to the ARRL website: <http://www.arrl.org/>.

Is anyone out there interested in the job of Affiliated Club Coordinator? I'm still looking for an energetic individual to work with Indiana clubs in the areas of club affiliation and becoming/maintaining Special Service Club status. Our current ACC, Roy Jackson N9RG, will be leaving the state shortly for sunnier shores.

April Section Net Activity:

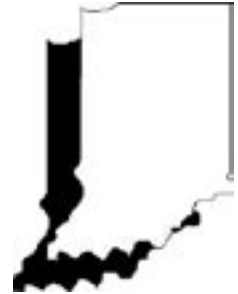
NET	FREQ	DAILY TIMES(UTC)	QNI	QTC	QTR
ITN	3910 KHZ	1330/2130	2023	74	1041 60
QIN	3656 KHZ	1430/0000	163	64	729 54
ARES	3910 KHZ	4TH SUN/MO@1300Z	16	0	19 1
HOOSIER	VHF NETS	11 REPORTING	534	28	1438 46
HOOSIER	DIGITAL NETS (3)		29	0	--- 90

April ORS Traffic Reports: K9PUI 88, WA9JWL 49, K9GBR 29, AB9AA 15, WB9NCE 6, NZ9S 6, KC9UU 3.

April Public Service Honor Roll Reports

CALLSIGN	1	2	3	4	5	6	TOTAL
WA9JWL	40	40	10	40	15	0	145

ARRL Indiana Section
 Section Manager: James S. Sellers, K9ZBM
k9zbm@arrl.org





Repeater ABC's - (Part 5 of a series) - Eric Jessen, N8AUC

Reprinted with permission from The Spirit of '76 and '88 - Newsletter of the Lake Erie Amateur Radio Association

Repeaters and DX

Just like everything else in life, there is "what you can do", and "what you should do". Last month we discussed what you CAN do. This month we'll look at what you SHOULD do. You've probably heard the term "good amateur practice". Good amateur practice is generally defined by what hams as a group have come to a consensus on, regarding what defines proper operating technique and behavior. You may or may not agree with it. But under the terms of your license grant, you are bound to observe and adhere to "good amateur practice". See 47CFR Part 97 section 101a if you don't believe me. What is good amateur practice? Well, according to Riley Hollingsworth, FCC Special Counsel for Enforcement, it is essentially realizing that all frequencies are shared, that your rights end where they begin to infringe on the rights of another, and conducting yourself on the air accordingly. Gee that sounds like common sense, doesn't it? Over time, if it hasn't already, it will amaze you how many people just don't grasp that concept.

So how does that relate to Repeaters and DX?

DX is a powerful and wonderful thing. DX essentially refers to communication at a great distance. It began as an old radiotelegraphers abbreviation (seems like most of our jargon did), and continues in use to this very day. DX also means different things to different people. For the person who regularly operates on the 20 meter band, DX probably means working stations across the ocean, or in some foreign country. But for the person who lives on VHF and UHF, it has an entirely different meaning. But it always refers to communication at a great distance. If your normal range is 25-35 miles, then working a station a few hundred miles away is fabulous DX. Once you've worked DX, it gets into your blood, just like driving fast cars, or flying airplanes. The quest for better and better DX has been with us since the early days, and continues today. It will probably be with us as long as there is Amateur Radio.

Remember the purpose of the repeater station. It is there to improve the range of mobile and hand held transceivers. They are used for public service, and to provide aid to travelers in distress, among other things. With that in mind, you should not work DX through a repeater. It is not in keeping with good amateur practice. Besides, working DX through a repeater is like shooting fish in a barrel. There is no sport in that. Here's why..

Any real DX'er will tell you that the reason why DX is challenging is that it is a test of your station equipment, and your operating ability. When you work DX through a repeater, it's not YOU working the DX. You're just talking to the local repeater like you always do. The repeater is being heard by, and being accessed by the DX station. You aren't doing anything special, and you certainly aren't asking much of your station either. This is why repeater contacts are not allowed for credit in the VHF and UHF DX contests. The reason they don't count for credit with DX'ers, is because it's considered cheating. Besides, while you're trying up a repeater trying to work DX, someone with a

bona fide need to use the repeater (car broken down, auto accident with injuries, etc) is being kept from using the repeater. Remember good amateur practice? This is where it comes into play. The bottom line and rule of thumb to follow, is to not work DX through a repeater.

But working DX isn't a bad thing. Oh, no, not at all. In fact it's a good thing when you do it right. It's an awful lot of fun, too!

Often times, you'll hear strange identifiers appear on your favorite repeater frequency. Once you learn to copy the code you'll be able to know what they're sending, but you will recognize that the pattern of dits and dahs are different than what you're used to hearing. This happens frequently on 146.76 around Cleveland. I routinely hear identifiers from Columbus and Detroit repeaters from my home on the west side. People who drive along the lake shore on the west side will tell you that many mornings in the late spring and early summer, they can't even hear our 76 repeater, because Detroit is stronger than we are in those areas. When you hear that happen, drop down to one of the simplex frequencies (146.52MHz is a great place to start) and see who or what you can hear. Maybe call CQ DX and see who can hear you? When you work a distant station on simplex, THAT counts. Because it's you and your station doing the work. Working DX on simplex IS good amateur practice. That's what "real hams" do, and it's what YOU should do, too! And it's a LOAD of fun, too!

Be careful though, once you start working DX, it will get in YOUR blood. Then you're going to want a beam antenna with a rotor and low loss feed line on your roof. Heliac, yeah that's the stuff!

Or a tower!

Yeah - a REAL TALL tower!

Next thing you know, you'll be saying, "Honey we need a new house. With a bigger yard!" She'll think it's for the kids and be very supportive until you blurt out, "On a very high hill, where there are no antenna restrictions. " Then she'll roll her eyes back and walk away.or worse, unless she's a ham too.

Why? Because that's how you get better and more DX.

Then you'll have to have an RF Power Amplifier, a bigger power supply, and a receiver preamp. Soon, it'll be stacked yagis and phasing harnesses. Oh, and don't forget a two-axis rotor, so you can work the satellites, and the space station!

Oh, you'll need a better rig, a multi-mode rig, with single-sideband, because you'll need a better receiver. So you can hear the DX better. And the DX is better on sideband anyway. At least that's what the real DX'ers say.

The salesmen at the ham radio store will get to know you on a first name basis! They'll smile when YOU walk in!

Ah yes, welcome to ham radio!

Until next time..see YOU on the AIR!

Working DX on simplex.like a REAL ham!

Test Points

14-Jul-2005
 Sponsor: GOSHEN ARC
 Time: 7:00 PM (Walk-ins allowed)
 Contact: PAUL F COREY
 (574)262-4414
 Email: PAUL.CORY.B@BAYER.COM WORK
 VEC: ARRL/VEC
 Location: GREENCROFT RETIREMENT CENTER
 HOMAN BUILDING
 GREENCROFT BLVD
 GOSHEN, IN 46525

17-Jul-2005
 Sponsor: UNSPONSORED
 Time: 2:00 PM (No walk-ins)
 Contact: ROBERT E HIGH
 (419)795-5763
 VEC: ARRL/VEC
 Location: VAN WERT COUNTY EMA
 1220 OLD LINCOLN HWY
 HOMELAND SECURITY BUILDING
 VAN WERT, OH 45891

30-Jul-2005
 Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC
 Time: 9:00 AM (Walk-ins allowed)
 Contact: ROGER L MC ENTARFER
 (260)503-9008
 Email: N9QCL@ARRL.NET
 VEC: W5YI VEC
 Location: PEABODY LIBRARY
 1160 E STATE ROAD 205
 COLUMBIA CITY, IN 46725

24-Sep-2005
 Sponsor: UNSPONSORED

Time: 2:00 PM (No walk-ins)
 Contact: ROBERT E HIGH
 (419)795-5763
 VEC: ARRL/VEC
 Location: VAN WERT COUNTY EMA
 1220 OLD LINCOLN HWY
 HOMELAND SECURITY BUILDING
 VAN WERT, OH 45891



24-Sep-2005
 Sponsor: W5YI-VEC -- WHITLEY COUNTY ARC
 Time: 9:00 AM (Walk-ins allowed)
 Contact: ROGER L MC ENTARFER
 (260)503-9008
 Email: N9QCL@ARRL.NET
 VEC: W5YI VEC
 Location: PEABODY LIBRARY
 1160 E STATE ROAD 205
 COLUMBIA CITY, IN 46725

2005 Foxhunt Schedule

June 6 – 6:30 PM
 July 11 – 6:30 PM
 Aug 1 – 6:30 PM
 Sept 12 – 6:30 PM
 Oct 3 – 6:30 PM
 Nov 6 – 1:30 PM
 Dec. – none



All foxhunts start at off track betting parking lot, Washington Ctr. & Lima Rds.

Carl, N9NRO

Regional Hamfests

Date	Location	Contact Phone	URL or E-mail
12 Jun 2005	Wabash, IN		jknetro@kconline.com
12 Jun 2005	DuPage Co. Fairgrounds, IL		http://www.qsl.net/k9ona
19 Jun 2005	Monroe, MI	734-242-9487	http://www.mcrca.org/hamfest.htm
9 Jul 2005	Indianapolis, IN	317-261-6658	http://www.indyhamfest.com/
23 Jul 2005	Cincinnati, OH	513-661-5323	http://www.ohkyin.org
6 Aug 2005	Columbus, OH	614-846-7790	kb8kjp@arrl.net
14 Aug 2005	Greentown, IN	765-668-4814	http://www.greentownhamfest.com
21 Aug 2005	Warren, OH	330-898-6539	http://w8vtd.org/

For more complete information go to <http://www.acarts.com/hamfests.htm> or <http://www.arrl.org/hamfests.html#listing>



For Sale & Wanted

For Sale: Group includes the following pieces:

- Icom HF/50MHz All Band Transceiver, Model IC-756PRO, Serial Number 03027. (includes original box and instruction manual purchased January 2002)
- Astron SS30M 25A Switching PS/Meter. (includes original box and instruction manual purchased January 2002)
- Heil Goldmine Microphone GM-5 with desk mounting bracket. (includes original box and instruction manual purchased February 2002)
- MFJ 300 Watts Dry Dummy Load Model MFJ-260C
- Realistic Minimus -2.5 external speaker

For sale as a group, not individually. Asking price \$1,500.00 Call Matt Barnes 486-8449 evenings or 486-7989 days.

* * *

For Sale:

- Pacific Digital 52x24x52 CD burner, IDE internal, Nero software, like new, in box, \$30 OBO,
- VHF amp, 100 W, mfg. by TPL, \$70

contact:

Vic Guess, WB9UZA
wb9uza at arrl.net
260-485-7472.

* * *

Wanted to buy - HT power supply - max 6 watts out.

If you have one for sale, please contact: Bob Medows, W9BHT at:
shredsurgeon at insightbb.com

* * *

Wanted:

- Old Magnavox radios, 30's through 80's, table and or portables models only please.

- Heathkit Power supply. These power supply were used with the old Heathkits HW12 and or HW101. I would like Heathkits only no home brews.

KB9OS, Larry Temenoff TEMENOFF(at)ipfw.edu, 260-490-3089



ARMAD News

Greetings to all Amateur's:

This years Amateur Radio Military Appreciation Day, was a great success. Even though we had the challenge of manning three locations, slight equipment failures, and the threat of severe weather, ARMAD went well. Area amateur's that participated in the event saw a three fold increase in traffic, and other amateur radio clubs around world. We also received very excellent TV news coverage here locally, and in spots around the nation.

The highlight of ARMAD was the dedication of the Iraq amateur's to the event. Bruce / YI9AC stayed on the air from his unit for over two hours, and talked with many ARMAD locations around the world, with KB9JDT / Emery acting as net control. Many people were allowed to talk, and several news reporters spoke with our deployed troops.

Many thanks to all that helped us this year. KC9DPC / Lori, N9NAI / Bill, N9KNJ / Ron, KB5CTO / Ted, KBFMX / Terry, AB9IZ / Phil, K9PBR, Terry, KB9JDT / Emery II, KC9GGV / Gary, The 21 Repeater Group, KC9EZX / Fred; and KB9YKU / Ken. I hope that I did not miss any one from our local groups that helped. We also thank all the clubs world wide that helped ARMAD to be such a great event in 2005. We will start planning early to make ARMAD 2006 even better, and we have already gotten commitments from groups to help us do just that.

I hope that amateur's every where will plan to join us for future ARMAD events, and spread the word about our community service. The ARMAD web page will be updated soon to reflect the 2005 event.

Once again thanks for working so hard to "Ham It Up For The Troops."

Sincerely;

Emery McClendon / KB9IBW and the ARMAD Team
- KC9HAJ

Membership Application for FWRC - and/or - ACARTS

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP : _____-4_____ Phone #: (_____) _____-_____ Unlisted? Yes

Email address: _____ ARRL Member? Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? Yes No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$6.00/yr. premium.

How would you like your newsletter delivered? by snail mail download from web site.

Fort Wayne Radio Club Dues

- | | |
|-----------------------------------|---|
| Regular membership | <input type="checkbox"/> \$15.00 / year |
| Family membership ¹ | <input type="checkbox"/> \$21.00 / year |
| Student membership ² | <input type="checkbox"/> \$6.00 / year |
| Associate membership ³ | <input type="checkbox"/> \$15.00 / year |
| Mailed newsletter | <input type="checkbox"/> \$6.00 / year |

(Memberships for Jul - Dec are 1/2 the stated amounts.)

A.C.A.R.T.S. Dues

- | | |
|--|---|
| Regular membership | <input type="checkbox"/> \$12.00 / year |
| Additional family members ¹ | <input type="checkbox"/> \$6.00 / year |
| Student membership ² | <input type="checkbox"/> \$6.00 / year |
| Associate membership ³ | <input type="checkbox"/> \$6.00 / year |

(New Regular memberships are \$1/month)

1. Please list all names and calls on an attached sheet.
2. K-12 or full time student

3. unlicensed member
4. 9 digit ZIP code required for US bulk mail

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

Fort Wayne Radio Club
PO Box 15127
Fort Wayne, IN 46885

A.C.A.R.T.S.
PO Box 10342
Fort Wayne, IN 46851

For dual membership, fill out both sides and send 2 checks to either club. **Payment by check is strongly encouraged!**

ACARTS Voice Repeaters

- 146.880 (-) General use / Skywarn priority
- 147.255 (+) General use / Autopatch priority*
- 443.800 (+) General use

(All repeaters have autopatch, but 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digipeaters)

- 144.390 (s) APRS - wide

Fort Wayne Radio Club Repeaters

- | | | |
|--------|---------------------------------|----------------------------|
| Voice: | 146.76 (-) | General use |
| | 146.94 (-) | General use with autopatch |
| | 146.91 (-) | Autopatch only |
| | 444.875 (+) | General use |
| ATV: | 439.25 In, 910.250 Out, 144.340 | Audio & control |

Area Traffic Nets

(please submit any changes or corrections to the editor)

- IMO:** meets nightly at 6:30 p.m. (2330 UTC) on 146.88
- Auburn:** meets Mon., Tue., Wed., Thur., Fri., & Sat. at 6 p.m. (2300 UTC) on 147.36(+)

- 21 Repeater Group:** meets each Wednesday at 9 p.m. (0200 UTC) on 147.150

Help and Swap Net: Mondays @ 8:30 p.m. 146.94(-)

Miscellaneous Nets

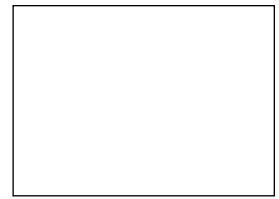
Huntington ARES: Saturday at 8:00 p.m. (0100 UTC) on 146.685

Whitley Co. / ARES: Wednesdays at 7:15 p.m. (0015 UTC) on 145.270 (Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sundays at 7:45 p.m. (0045 UTC) on 444.550 +. (The 146.460 simplex crossbanding from both nets has been dropped.)

160 Meter "No-Name" Net: Sunday and Wednesday nights at 8:00 PM Indiana time (0100 UTC). On 1966 kHz. Everyone welcome!

Allen County HamNews
 PO BOX 10342
 FORT WAYNE, IN 46851



TO:



WB9INX/R



Activities Calendar



Date	Time	Event	Place
6/11-12/05		ARRL June VHF QSO Party	contact WB9ZIY or AB9IZ
6/14/05	7:30 PM	ACARTS Board Meeting	Salvation Army Center
6/17/05	7:00 PM	FWRC Meeting	GSUMC
6/21/05	7:30 PM	ACARTS General Meeting	Salvation Army Center
6/25-26/05		FWRC Field Day	McMillen Girl Scout Camp
7/1/05		deadline for July ACHN items	
7/5/05	7:00 PM	FWRC Board Meeting	GSUMC
7/11/05	6:30 PM	Foxhunt off track betting parking lot,	Washington Ctr. & Lima Rds.
7/12/05	7:30 PM	ACARTS Board Meeting	Salvation Army Center
7/15/05	7:00 PM	FWRC Meeting	GSUMC
8/1/05	6:30 PM	Foxhunt off track betting parking lot,	Washington Ctr. & Lima Rds.
8/6/05		deadline for Aug. ACHN items	
8/9/05	7:00 PM	FWRC Board Meeting	GSUMC
8/9/05	7:30 PM	ACARTS Board Meeting	Salvation Army Center
8/19/05	6:00 PM	FWRC Tailgate Hamfest	GSUMC Parking Lot
8/20/05	1:00 PM	ACARTS Picnic	tentative date, location TBD
8/27/05	10:00 AM - 2:00 PM	FWRC Chicken Sale	Coldwater Crossing Walmart lot