



The Indianapolis Radio Club Newsletter

Founded 1914

"The oldest continuously operating Amateur Radio Club in the United States"

April 2012 Newsletter

Upcoming Meetings:

May 11: Salvation Army Team Emergency Radio Network (SATERN), by Peggy McNary, N9QT, Salvation Army Regional Ham Coordinator.

June 8: Annual auction

Highlights from the April Meeting:

Club president Jerry Skoll, KC9DTB, called the meeting to order at 7:35. There were over 60 present for the meeting. Jerry said we still needed to sell a few more bus tickets to Dayton to break even, tickets for \$30 each, not including admission to the hamvention.

Next Jerry talked about the upcoming survey soliciting input from members and former members regarding what the club is doing right and what needs to be improved upon. Jerry said Field Day is going to be at Eagle Creek park, at "The Crest", on the west side of the reservoir, by the soccer fields. He solicited those present for any tents that would be available for our use. The August hamfest location will be confirmed at a later date and the membership will be advised. Rhonda Curtis, WS9H, said the Saturday test sessions will be at the IPSC building at 21st and Post. Rhonda's contact info is on the ARRL web site under the test sessions. The Indiana QSO Party will be May 5 from noon to midnight, local time. More information is at <http://www.hdxcc.org/inqp/index.html>. Bob Blake, N9FIM, had a sign up list for information for the Indy hamfest. Dave Miller, K9RTT, said the June meeting will be the annual auction. Dave Spoelstra, N9KT, said the mini-marathon is on May 5, then the INQP is noon to midnight that day as well. There are two other QSO parties going on that weekend, as well. He said the N1MM logging program is pre-configured for the INQP. Bob Burns, W9RXX, talked about the

“Park to Park” relay race on June 16 in Hendricks County. It's an all day event with lots of positions available. Rhonda mentioned that the ARRL section manager position is up for election by ARRL members.

Next Jerry introduced Tom Chance, K9XV, for his antenna presentation on wire antennas. He asked for a show of hands for those that had started with dipoles. Topics: Wire antennas, 160M inverted “L”, “Can wire antennas have gain?”, MECA tower. Bob Begeman, W9KVK, gave a presentation on a 2 meter quad antenna that he had. He was wanting to have it for horizontal and vertical polarization. With the antenna, he can have circular polarization, depending on how it's connected. Next, Bob Osterhous, W9PSE, talked about a “cage” antenna that he was planning on putting together. It's broad banded, and used on ships a lot. (See article later in this newsletter). Bob then showed the sling shot/tennis ball “line shooter” that he has put together for erecting wire antennas. Tom asked for a show of hands about those that know about the 900 MHz repeater system in Indy. Quite a few were aware of it. Mike Sercer, WA9FDO, talked about the antennas used in 900 MHz. The system in Indy is split into a north and south system, tied together via the 443.900 repeater. Mike and others have found that for working in and around Indy, less gain is almost better than more gain due to reflections. Mike showed some antennas usable for mobile and fixed applications. He said line loss is more pronounced on the higher bands, so be wary of coax. Mike talked a little about the unconventional repeater offset that is used, due to the high congestion of the band. Next, Tom went over his presentation on wire antennas, giving their good points, such as being able to “hide” them. He talked about 80 and 160 meter inverted “L” antennas, they are part vertical and part horizontal. They tune and load very well. Counterpoises help a great deal on the inverted L. The formula for the total length = $234/F$ (MHz). Counterpoise formula is $246/F$. Tom then talked a bit about his latest project, which is utilizing an unused MECA tower for an 8 county repeater system.

Next, Chuck Arvo, K9RM, was introduced. He has been a ham since 1974, and the only commercial antenna he has had was a 2 meter “Ringo-Ranger”. Everything else has been wire. He talked about using good line (rope). He talked about techniques for keeping the antennas in the trees. He also showed some 26 gauge “stealth wire” that he has used for antennas where they need to be low profile. Chuck mainly works on 40 meters. His web site (<http://k9rm.com>) has lots of information on his antennas. He showed the diagram of his inverted “L”, utilizing his chain link fence for the counterpoise. He also showed diagrams of his 40 meter wire antennas with multiple elements, and over 10 dB of gain.

Next, door prizes were awarded, and the meeting was adjourned at 9:15.

Ham Radio News:

INDY HAMFEST DOUBLING THE HT GIVE-A-WAY

The Indianapolis Hamfest, coming up July 14, is doubling the HT per hour give-a-way from last year. One dual band hand held radio will be drawn from the ticket barrel each half hour. Need not be present to win!

Watch for the Indianapolis Hamfest Flyer or check the website:

<http://www.indyhamfest.com/>

FCC SEEKS COMMENT ON EMERGENCY COMMUNICATIONS BY AMATEUR RADIO

In response to the Congressional directive to prepare a study to assess Amateur Radio's role in emergency and disaster communications and the impact of private land use regulations on the amateur community's ability to provide such communications, the FCC issued DA 12-523 soliciting comments from the public. The period for public comment runs until May 17, 2012.

"As part of the study contained in Public Law No. 112-96, the Commission has opened a 45 day period for comments to be filed on the issue," said ARRL Regulatory Information Manager Dan Henderson, N1ND. "Because of the short deadline for the study to be completed and presented to Congress -- before the end of August -- the ARRL and the amateur community must quickly mobilize their response."

The FCC Public Notice focuses on two specific areas for comments.

The first is the role that Amateur Radio has played and continues to play to support emergency and disaster relief organizations, such as FEMA and local/state emergency management agencies. The second is to determine impediments to enhanced Amateur Radio communications. This would include the impact that private land-use regulations -- such as deed restrictions and homeowner association covenants -- have on the ability of licensed amateurs to fully participate in providing support communications to the served agencies.

To allow the ARRL to quickly collect and collate relevant information from the amateur community to help support the filing it will make with the FCC on this issue, a website has been setup. The site -- <http://www.arrl.org/ccr-study-information> -- provides details about what kind of information is needed by the ARRL.

HENDRICKS COUNTY PARK2PARK RELAY COMING UP

Note From Bob Burns, W9RXR:

The 2012 Hendricks County Parks Foundation Park2Park Relay running race is coming up on June 16, 2012. The event starts at Sodalis Park in southeastern Hendricks County and ends at McCloud Park in the northwestern part of the county. Amateur radio will be heavily involved this year and we'll need lots of operators to fully staff the event.

Please take a look at the amateur radio support web page at:

<http://www.hendricksraces.org/park2park>

There you'll find descriptions of the types of positions we need to fill. You can also download the assignment sheet listing the exact assignments along with their starting and ending times. A preliminary map of the running route is also available for download. More detailed maps will be posted in the near future.

If you would like to volunteer to help with this event, please check the assignment sheet for a position that fits your availability and then contact me via telephone or email as listed below.

This is a very important event for amateur radio in Hendricks County.

Not only will we provide a valuable service for the participants in the race, but we will be able demonstrate our communications skills to county public safety officials. The event organizers, our EMA Director, and myself are counting on amateur radio to help out with this event.

Thank you!

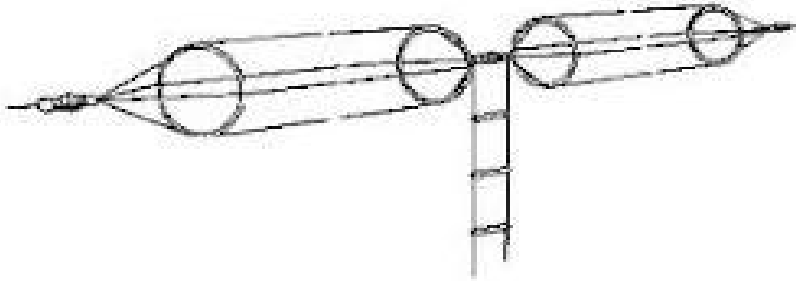
Bob Burns W9RXR
Hendricks County RACES
phone: 317-410-7721
email: w9rxr@rlburns.net

CAGE ANTENNAS

[Submitted by Bob Osterhous, W9PSE]

(DELUXE TYPE DIPOLE ANTENNAS)

[Broad band antennas]



For information on CAGE ANTENNAS and other deluxe dipole antennas do some searching on:

“GOOGLE”. “CAGE ANTENNA TYPES”, “HAM RADIO CAGE ANTENNAS”
“CAGE ANTENNA HAM RADIO” YOU TUBE INSTALLATION (FUNNY)

DX BLASTER 80 METER CAGE INSTALL [Funny you tube video]

ALSO: N3UJJ.COM > MY PROJECT > CAGE ANTENNA (GOOD)

N2WC.COM (Go to bottom right “antenna projects”)

DXBLASTER.COM -> “PRODUCTS”

80, 40, 20, 10-12 M CAGE MANUFACTURER
SMETER.NET/ANTENNAS/WIRE-CAGE-DIPOLE.PHP
(ANTENNA DESIGN SOFTWARE)

KF4BWG.COM MANUFACTURER OF CAGE ANTENNAS

KJ4SLY.COM CAGE USER.of KF4BWG CAGE Antenna

W1AW Installed 80 Meter cage antenna in May 2001.

(FOR WIDER TUNE FREE USE ON SOLID STATE AMPLIFIERS 2:1 OR LESS)

Cage antennas offer more band coverage with less than 2:1 SWR than simple dipoles etc.

ISLAND ACTIVATION ON MUSEUM SHIPS WEEKEND

Museum Ships Weekend 2012 – June 2 2012 0000Z June 3 2012 2359Z . Activating IOTA NA-143 (Pelican Is.) Brazos Valley ARC will be operating from radio rooms of WWII Submarine USS Cavalla and Destroyer Escort USS Stewart from Seawolf Park on Pelican Is. in Galveston, Texas. We will be operating on 10-40 meters (SSB and CW). Be a part of living history as we commemorate the actions of these ships and crews. More information at <http://www.bvarc.org/index.php?page=ms> Special Event QSL with SASE via KK5W (QRZ.com).

Ron Litt, K5HM
Event Coordinator

FRED MAIA, W5YI, (SK)

The holder of one of the best-known US Amateur Radio call signs, Frederick (Fred) Maia, W5YI, died of cancer Wednesday, March 28. He was 76 and was a resident of Arlington, Texas.

Fred was a leading Amateur Radio journalist for nearly 35 years and a pioneer of the volunteer examining program adopted by the FCC in 1984.

Maia published "The W5YI Report," dubbed "America's Oldest Ham Radio Newsletter," from 1978 to 2003, and has been a CQ contributing editor since 1985. His regulatory affairs column, first titled "Ticket Talk," then "Washington Readout," offered news and perspective on FCC Regulations and ITU actions. His final column will appear in the May 2012 issue of CQ.

After the FCC adopted volunteer examining for all levels of Amateur Radio licensing in 1984, Fred became the first Volunteer Examiner Coordinator (VEC) appointed by the FCC. Fred subsequently founded The W5YI Group in 1986 to develop, publish and sell amateur and commercial radio license study materials. In the realm of FCC commercial radio licensing, Fred formed National Radio Examiners to provide examination services.

Maia served as President of the W5YI-VEC until his retirement in October of 2000 when he sold The W5YI Group study material products to Master Publishing, Inc. The retail operations were purchased by General Manager Larry Pollock, NB5X, newly appointed President of the W5YI-VEC and National Radio Examiners organizations. Maia continued writing "The W5YI Report" newsletter until July 2003.

A graduate of the US Air Force Radio Operators School, Fred was an avid CW operator. He was first licensed as a teenager as W1NTK in Brockton, Massachusetts, where he grew up. Maia was later licensed as W5UTT, and held DXCC CW awards and EU-PX-A CW. He was a member of QCWA and Life Member of the ARRL.

For several decades, Maia also served on the National Conference of Volunteer Examiner Coordinators (NCVEC) as a member of the Question Pool Committee that oversees the development and maintenance of the Amateur Radio license examination question pools.

ARRL Chief Executive Officer David Sumner, K1ZZ, commented: "Amateur Radio is healthier today because of the tireless efforts of Fred Maia. While Fred did not always see things quite the same way as the ARRL, in my experience he always had the best interests of Amateur Radio at heart. He was a major figure who will be sorely missed."

WELCOME NEW MEMBERS

Kevin Nuetzman, KC9VKI,
Joe Smiddle-Brush

FEEL FREE TO SHARE OUR NEWSLETTER

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at <http://www.indyradioclub.org/rqstnewsletter.htm>.

SEND ME YOUR HAM RADIO NEWS

If anyone has any items for the newsletter, please send them to Ken Bandy at kj9b@arrl.net

Signals from the Past:

From the April 1953, *Amachewer*:

Daffynitions from our technical dictionary*****

THERMOCOUPLE – newlyweds. EXECUTIVE – man with a worried look (on the face of his assistant). CHLORINE – night club dancer. COPPER – guard on fire escape at a girl's dormitory. ANTIMONY – fee collected by ex-wives. OXIDE – outer covering of an ox. LATTICE – a vegetable. MISCIBLE – unhappy SILVER – the Lone Ranger's horse. TIN – not fat. CARBON – storage space for street cars. BORON – ham with low mentality. ATOM – Eve's husband. TENSION – Army order. CATALYST – ranch owner.

Upcoming Area Radio Events:

- May 5: Indiana QSO Party
- May 19: Bus trip to Dayton Hamvention. Bus ticket order form at the end of this newsletter. Tickets to the Hamvention available at <http://www.hamvention.org/>
- July 14: Indianapolis Hamfest Info at <http://www.indyhamfest.com/>

2012 Officers:

- President: Jerry Skoll, KC9DTB - ..EMAIL gskoll@msn.com
- Vice Pres.: Dave Miller, K9RTT - ..EMAIL dmiller@ivytech.edu
- Secretary: Ken Bandy, KJ9B - ..EMAIL kj9b@arrl.net
- Treasurer: Jay Willever, K9LJW - ..EMAIL k9ljw@arrl.net
- Chief Operator: Tom Chance, K9XV - ..EMAIL k9xv@arrl.net
- Dir. at large: Jim Rinehart, K9RU – EMAIL k9ru@arrl.net
- Dir. at large: Ron Cooper, WB9DKL - ..EMAIL wb9dkl@aol.com
- Dir. at large: Bob Begeman, W9KVK - ..EMAIL w9kvk@juno.com
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL don9doo@lightbound.com

IRC BUS TO DAYTON HAMVENTION

MAY 19, 2012

AVOID ALL THE TRAFFIC AND HIGH GAS PRICES • NO PARKING PROBLEMS OR FEES
DROP OFF AT HARA ARENA FRONT DOOR • BUS AVAILABLE ALL DAY TO DROP OFF YOUR
GOODIES OR JUST TO REST

TWO CONVENIENT PICK UP AND DROP OFF POINTS:

Southern Plaza Shopping Center • 4200 South East Street • Pick up at 6:30am
Peddler's Mall • 7803 East Washington Street. • Pick up at 7:00am

SCHEDULED STOPS:

US-40 and I-70, Richmond, IN for breakfast
Drop off at Hara Arena front door at 9am
Bus leaves Hara Arena at 4pm
MCL, Richmond, IN for dinner
Return/drop off at Peddler's Mall at approximately 7:30pm
Return/drop off at Southern Plaza at approximately 8:00pm

TICKETS ARE \$30 EACH AND WILL BE SENT TO YOU BY MAIL.

TICKETS WILL ALSO BE AVAILABLE AT IRC MEETINGS UNTIL ALL ARE SOLD.

PLEASE SEND YOUR CHECK FOR THE NUMBER OF TICKETS WANTED ALONG WITH THIS
FORM TO:

IRC DAYTON BUS TICKETS
12701 WHISPER WAY
FISHERS, IN 46037-7505

FOR LATEST DETAILS AND ANY QUESTIONS: e-mail k9ljw@arri.net or
CHECK IN TO THE MARION COUNTY INFO NET, WEDNESDAYS AT 7PM, 146.700.

NOTE: Please fill in all of the items below, legibly, so that we can accurately process your
reservation. DON'T FORGET THE CHECK! Make check payable to the **Indianapolis Radio Club**.
An early reservation would be wise since the bus may fill up fast due to fuel prices.

NAME_____ CALL_____NUMBER OF TICKETS_____
PHONE_____E-MAIL OR STREET ADDRESS_____
CITY_____STATE_____ZIP_____PICK UP (CIRCLE ONE) SP or PM

NOTE: BUS TICKET SALES ARE FINAL. THERE ARE NO REFUNDS. THE COST OF THE BUS
TICKET DOES NOT COVER BREAKFAST, DINNER AT RICHMOND OR ADMISSION TO THE
HAMFEST.