



Getting Ready for the
Tailgate Hamfest and a
Day at the Old Fort

Page 2



Time for the Annual
ACARTS Picnic

Page 4



Summer Maintenance
on the Antennas

Page 6

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association Allen County Amateur Radio Technical Society

August 2012
Volume 13
Issue 8

CARL LUETZELSCHWAB, K9LA, WINS JULY QST COVER PLAQUE AWARD

The winner of the July QST Cover Plaque award is Carl Luetzelschwab, K9LA, for his article "Our Recent Solar Minimum and Sunspot Cycle 24 Progress." Congratulations Carl! The QST Cover Plaque award -- given to the author or authors of the best article in each issue -- is determined by a vote of ARRL members on the QST Cover Plaque Poll web page. Cast a ballot for your favorite article in the current issue today.

Also, Carl Luetzelschwab, K9LA presented a July 2012 Webinar reviewing the recent solar minimum, Cycle 24's present status, and propagation in relation to the progress of Cycle 24. The effect of trees on HF and MF propagation and the best height for your antenna were also discussed. You can find the webinar on the Potomac Valley Radio Club's website archive of past webinars:

<http://www.pvrc.org/>

In addition to receiving QST by mail each month, ARRL members have access to the digital edition of QST. You can choose to read QST online, or download the entire issue to your computer or laptop. Digital QST offers enhanced content,

Continued on Page 3

QST
DIGITAL EDITION

DEVOTED ENTIRELY TO AMATEUR RADIO
July 2012 WWW.ARRL.ORG

QST reviews:

44 | **Alinco DJ-G29T**
Dual Band Handheld
Transceiver

47 | **WaveNode WN-2d**
Station Monitoring System

Inside:

36 | **Can Compromise**
Antennas be Effective?

38 | **Upgrading an Analog**
Transceiver to SDR

42 | **How High Can You Go**
with a 43 Foot Vertical?

68 | **Simulated Emergency**
Test Results

DIGITAL FEATURES

47 | Product Review: Alinco DJ-G29T

50 | Product Review: WaveNode WN-2d

65 | A Transceiver Comes Home

66 | QST Video Contest Winners

**Ol Sol Bestows
HF Propagation
—for Now**

Page 33

Official Journal of
ARRL The national association for
AMATEUR RADIO

Also this month

SKYWARN	5	Foxhunt Chronicles.....	8
Trip to Greengate Farms	5	ARRL In Action.....	9
Classified Ads	7	Local Nets.....	11
Area Hamfests.....	7	Activities Calendar	12

Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	http://www.qsl.net/fwdxa/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at ab9zd at arrl.net. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is the first day of the month.

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

THE PRESIDENT'S CORNER

Time sure flies when you are having fun! This July we got a few hours to join the VHF fun for the CQ magazine VHF (that's 6 and 2 meters only) contest. Conditions on 6 were a little sour, but I did manage to work some new states. And ground wave on 6 and 2 was pretty decent, with my "Stealth" antennas working over 200 miles to other stations. Of course, these stations had killer antenna systems to make up for my puny signal, but hey we got the job done! I was surprised how much CW I heard on 6 and 2 as well.

Our biggest upcoming event for the near future is annual Tailgate Hamfest. We will once again be in the church parking lot on August 17th. As many of you may have heard, the club has received a donation of electronic parts from an Auburn company that has closed its doors. The BOD members are going through the 8 bins of stuff now, and compiling a total list of the parts which will be posted on the web site prior to the TG HF, so if you are looking for something in particular, you will be ready to hunt it down when you arrive. Should be good fun, and help out the club in the process. To top it off, I was just given two pieces of vintage HP test equipment for the club as well.

With fall approaching, it is time to think about upcoming events. The biggie for us as a club will be the Special event station on September 8th, a Saturday, from 10 to 6 at the Old Fort. This is to celebrate the 200th anniversary of the Siege of Fort Wayne, during the war of 1812. We plan to operate out of the club trailer on 40 and 20 meters, with a possible rig on Echolink via the '91 and maybe even the D-STAR system, if the internet comes back at the temple. This should be a great time.

Certificates will be available on the web. Thanks to Joseph, K9RFZ, for promoting this idea and working on photos for the special QSL card and Certificate.



Hopefully, we can put together an effort for the upcoming CQ WW DX contest on both CW and SSB coming in October and November, and the ARRL SS, too. I have had people request the 10 meter contest and 160 meter CW contest in December as well. All those in favor, let me know (it's not a commitment; just like to hear the interest level).

With the TG Hamfest coming up and Findlay HF in September, along with good fox hunting weather in the fall, and all those contests, the Fort Wayne Radio Club will continue to be "The most Radio Active Club in Indiana".

Best Regards, Steve, W9SAN

Coming Special Events:

August 4th: Balloon launch in Illinois; cross band repeater on board.

September 8th: FWRC Special Event Station for the 200th anniversary of the Siege of Fort Wayne, Old Fort



Officers

President

Steve Nardin, W9SAN
260-482-4039
w9san at arrl.net

Vice President

Jim Pliett, K9OMA
260-693-9211
jhp16702 at frontier.com

Secretary

Al Burke, WB9SSE
260-637-1989
aburke55 at comcast.net

Treasurer

Bob Streeter, W8ST
260-672-9737
w8st at arrl.net

Communications

Paul Prestia, KA3OPZ
260-247-2806
pixher at gmail.com

Directors

Tom Baker, N9TB
260-747-2714
n9tb at arrl.net

Terry Bowman, K9FMX
260-493-7177
tjbowman at frontier.com

Charles Ward, KC9MUT
260-749-4824
kc9mut at yahoo.com

W9TE Trustee

Carole Burke, WB9RUS

Webmaster

Jay Farlow, W9LW

August 17: FWRC Tailgate Hamfest; at the church, setup starts at 6:00 pm; open at 6:30 pm open till the mosquitoes get bad or it gets too dark.

Unless otherwise scheduled, all meetings are held at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

FORT WAYNE RADIO CLUB MEETING MINUTES

The July Meeting of the Fort Wayne Radio Club was held at the Good Shepherd United Methodist Church on 20 July 2012 with club president Steve Nardin, W9SAN, serving as host. There were about 30 persons present.

Old Business:

Steve started the meeting with the pledge of allegiance and followed this by having all in attendance introduce themselves and their calls.

The Treasurer provided the following report regarding club finances as of 20 July, 2012:

Income \$4,272.93

Expenses \$4,462.15

Cash on hand \$555.99

Checking balance \$5,511.46

Savings balance \$2,041.73

Minutes from the June meeting were not read as they are available on the club web page as well as in the July edition of the HamNews.

Charles Ward provided a report regarding the July Foxhunt. Four teams participated including W9SAN, KB9DOS & DOT, KC9UHU & KB9VTK, and KC9AUQ. The roll of the fox was provided by KC9MUT, KC9EZZ and AB9IZ who were hid out behind the Cinema Grill on Stellhorn Rd. As it turned out KC9UHU & KB9VTK were the first to find the fox and won the hunt based upon total points, so they will serve as the fox for the August hunt.

New Business:

Joseph Lawrence noted that a state-wide ARES/RACES exercise would occur on 21 July using the 146.94 machine. Local check-in would start at 08:30 with the state-wide exercise starting at 09:00.

Steve Nardin noted that the CQ World-wide six and two meter contest would commence tomorrow, Saturday, starting at 2pm and would run through Sunday evening.

Steve also noted that plans are afoot for the club to operate a special events station during the 200th anniversary celebration of the Siege of Ft. Wayne (oc-

curred during the War of 1812) which would be commemorated at the Old Fort. The club will set up the special events station near the Old Fort and would plan to operate it on 20 and 40 meters, and perhaps 2 meters-Echo Link from around 10am to 6pm on 8 September. Joseph Lawrence is coordinating things with the folks organizing the Siege of Ft. Wayne commemorative event at the Old Fort.

Steve announced that the August meeting would feature the Tailgate Hamfest in the church parking lot. It will start at 6:00 pm. Items recently donated to the club (components, project boxes, shrink tubing, solder stations, LCD displays, solid state switches, etc.) will be one of the attractions featured on the Tailgate Hamfest's bill of fare.

Following the formal business meeting, Steve Nardin and Charles Ward gave a wrap-up of the club's Field Day efforts. Highlights of the presentation were as follows:

A total of 7,012 claimed points was submitted to the ARRL,

Contacts made included 15 on 160 meters, 449 on 80 meters, 1413 on 40 meters, 398 on 20 meters, 115 on 15 meters and 25 on 6 meters,

W1AW worked all sections for the first time since it's been participating in Field Day,

The 160 meter operation featured a balloon tethered vertical (wire) antenna,

Jack Shutt provided a vintage (circa the late 1940's) AM station operating at 35 watts,

The claimed score is close to last year's score.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC

K9LA Wins QST Cover Plaque Award

Continued from Page 1

convenient access, and a more interactive experience. Members must have a valid ARRL website login to access the current digital edition of QST and archived editions.

ARRL Periodicals Archive and Search

The ARRL QST database contains an index of articles for QST from 1915 to December 2011, QEX from 1981 to the present, Ham Radio from 1968 to 1990 and NCJ from 1973 to the present. QST issues beginning with January 2012 can be accessed through the digital QST archive link that appears in every issue of digital QST. (Note: Beginning in 1998, each issue of QEX covers two months. This index shows the first month. For example, the index shows the January/February 1998 issue of QEX as Jan 1998 QEX.)

Looking for the printed annual index? You can find a link to each annual index, starting with 2002, at the left side of the QST page.

ARRL Periodicals on CD-ROM - Recent volumes of QST magazine and back issues of QEX, NCJ and Ham Radio magazines are available on CD-ROM.

Need a higher quality reprint or scan? Some of the scans contained within the periodical archive were produced with older imaging technology. If you require a higher quality reprint or scan, please contact the ARRL Technical Information Service for assistance. Photocopies are \$5 for ARRL members, \$10 for nonmembers. For members, TIS can send the photocopies immediately and include an invoice. Nonmembers must prepay. The availability of past articles from QST is a great membership benefit that will save a nonmember \$5 just by joining ARRL. Details are available on the ARRL TIS page or email tis@arrl.org.



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

It seems that the weather has changed into a normal August pattern, at least for the next couple of weeks. The little bit of rain that we have received has helped green things up so it no longer appears that Fort Wayne is in the middle of a desert.



to go. Let me know if you experience and problems with any of the ACARTS repeaters. After a year of our moving the repeaters, WANE-TV has torn down the old repeater shack. The only ones that will miss the old building are the creatures that had made their home in burrows under-

neath the shack, and the bees, mice, and occasional squirrel that found their way inside.

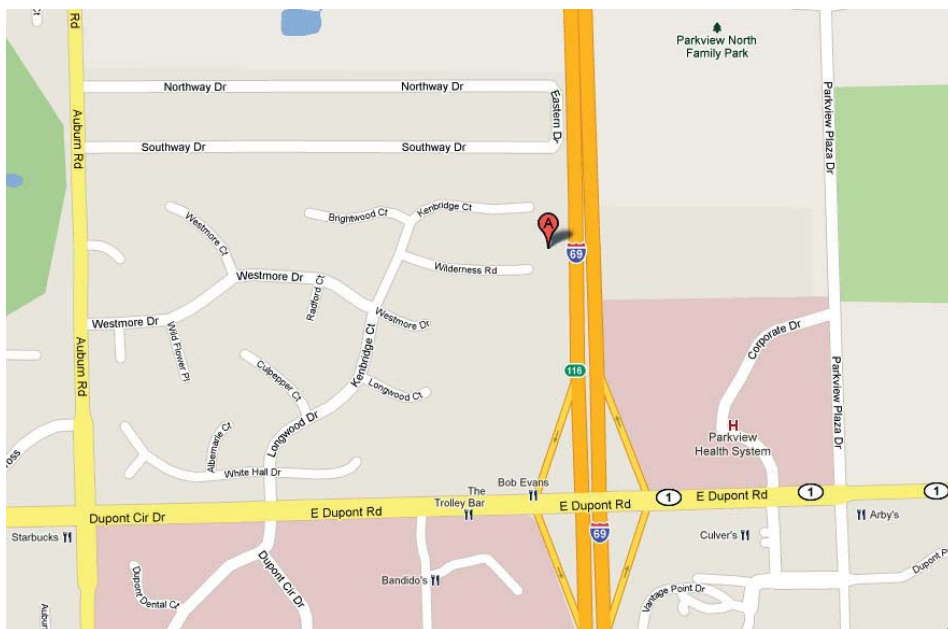
Do you have an idea for a meeting program? Would you like to hear a presentation that has been made in the past? Contact me with your thoughts and I will try to arrange the programs that you wish to hear.

73,

Dave Lindquist, W9LKH

Speaking of August, August is the month for the annual ACARTS picnic. It will be held this year on Saturday, August 18th, again at 1:00 p.m. at the home of Jim Boyer, KB9IH. The club will supply the hamburgers, but please bring a dish or dessert for everyone to enjoy. Let Jim know at kb9ih@arrl.net if you plan to attend. I hope to see you there.

The 146.88 MHz and 443.800 MHz repeaters both had issues last month. Both have been repaired and should be good



August 18: The annual ACARTS Family Picnic will be held on Saturday, August 18th, at the home of Jim & Corrine Boyer, 3031 Wilderness Rd, Fort Wayne, IN.

Unless otherwise scheduled, all meetings are held at the Salvation Army Center, 2901 N. Clinton Street, Fort Wayne, IN.

ACARTS Officers

President

Dave Lindquist, W9LKH
260-485-6135
w9lkh at comcast.net

Vice President

Dave Keiser, WB9UNL
260-244-3322
wb9unl at yahoo.com

Secretary

Rita Alvey, KC9VCX
260-241-4907
kc9vcx at hotmail.com

Treasurer

Howard Pletcher, N9ADS
260-747-5252
n9ads at arrl.net

ACARTS Managers

Activities

Open

Emergency Preparedness

Dan Soper, KB9NGM
260-637-5787
dlsoper at frontier.com

Communications

Open

Station Manager

Open

Fundraising Manager:

Jim Boyer, KB9IH
260-489-6700
kb9ih at arrl.net

W9INX Trustee:

Dave Lindquist, W9LKH
260-485-6135
w9lkh at comcast.net

Tech Committee

Open

A THANKS TO SKYWARN OPERATORS



By Jay Farlow, W9LW, IMO SKYWARN
Quadrant Two Director

SKYWARN spotters who refrain from transmitting are very valuable. These are the well-trained operators who know the National Weather Service reporting criteria by heart. When they see nothing that meets those criteria, they keep their microphones on their hooks. A recently implemented change in IMO SKYWARN Quadrant Two procedures will recognize these helpful operators. When a SKYWARN quadrant operation ends, the active net control operator (NCO) now takes check-ins from all stations who participated in the operation, including those who had nothing to report. The net control team thanks Ron Busch, WB9AA, for suggesting the change.

The team also made a slight change in the suggested call-in procedure for use during standby mode. To refresh your memory, during standby mode, an NCO is on frequency but the repeater is available for normal use. The NCO team has noticed that many stations that want the NCO's attention during standby mode simply transmit their own call signs once. So the NCO team has made that the suggested procedure. Now, when an operator transmits his or her call sign alone during standby mode, the NCO on duty will assume the call is meant for the NCO and respond accordingly.

An updated version of the IMO SKYWARN Quadrant Two operations manual that contains these changes will soon be available on the SKYWARN page of the Fort Wayne Radio Club website.

A TRIP REPORT TO W9EVT AT GREENGATE FARMS IN WISCONSIN

Washington Island, Wisconsin

June 25 through June 27 I had a really neat ham radio excursion to Washington Island, Wisconsin. Go a 2 hour drive north of Green Bay up the "finger" on the East coast of Wisconsin and eventually you'll come to the end of the highway. There you'll find a ferry that will take you and your vehicle the remaining half hour to Washington Island.

There's a ham up there (W9EVT) who has a station out of Star Wars that will make you feel like a "kid in a candy store." He and his wife run a bed and breakfast (minus the breakfast) on the North side of the Island.

I saw his hamshack (a self-contained house)... featured in a lengthy QST article last winter. I made the necessary contact in order to stay a couple days there in "ham heaven" at the end of June. Please check the pictures of his shack in QRZ. Please.

George Ulm (W9EVT) is quite a gentleman with a collection of radio gear (including a room dedicated to exclusively Collins equipment). I would estimate that he has some 200-250 radios on display there and he admitted that two-thirds of his collection is unseen in storage. The collection includes top of the line Yaesu, Kenwood, Icom, and Ten-Tec radios with more knobs than I would ever know how to twist and turn. My wife and I stayed in

the accompanying rooms in the shack. A door plus a sound proof door separated our living quarters from the shack.

George had stories to tell of his employment history and how he came to collect so much radio gear. He continues to collect as his budget allows. I operated with him 2 nights until midnight or 1 a.m. ... at which time George exited the shack to go to bed. Basically, he "gave me the keys" and told me to "shut down the station" whenever I wanted to hit the hay.

We made what seemed to be "effortless" contacts with New Zealand, Australia, Europe, the Hawaiian Islands, Alaska, as well as both coasts of the U.S. It was quite a learning experience. Combine this with unforgettable sunsets on the Great Lakes and it was an excursion never to be forgotten.

Please check "W9EVT" in QRZ ...and should you desire to make the trip, I'm sure George and his wife Susan would be happy to reserve a very reasonably priced room. They can be reached by google on the web at "Greengate Farms Wisconsin". Pictures and accommodations are found there. I rate my experience AAA and should you have a vacation plan that includes Wisconsin ...I guarantee you will not be disappointed.

Ron Busch, WB9AA

rbusch (at) frontier.com



George Ulm, W9EVT Ham Shack. From Left: Tomislav, Dog Bo, George W9EVT, Mimi, Susan, Darko

FWDXA

Fort Wayne DX Association

SUMMER MAINTENANCE

Carl Luetzelschwab K9LA

If you have a modest (or bigger) station for operating on HF, eventually you're going to have to do some maintenance to keep it in good shape. Necessary tasks include checking the tower sections and bolts, checking the rotators and cables, checking the coaxes, and checking the antennas. Since a couple issues had already surfaced at my QTH, this summer is my 'summer of maintenance' for my modest station.

If you read the December 2011 column, you know that the East tower with the new 10-Meter 5-element monobander was temporary for last year's CQ World Wide DX Phone contest. Being temporary, it was only three 8-foot sections of tower. So my first job was to take the 10-Meter antenna off the tower, dismantle the temporary tower, and eventually erect the permanent (and taller) tower.

Unfortunately taking the 10-Meter Yagi off the tower didn't go very well. Three of the four stainless steel nuts and bolts that held the boom to the mast were frozen. My only recourse was to crank the tower over with the antenna on top so I could work on it on the ground. After lots of

work with a hacksaw (and going through several blades), I finally got the antenna off the mast. So now the 5-element monobander is on the ground waiting for the new tower to go up.

With the East tower down, initial work on the West tower commenced (it has the Tenna-dyne T6 14-30 MHz antenna). This effort went much easier (see photo). I already knew of two problems: a scratchy direction-indicator potentiometer in the HAM IV rotator and the tip of one of the T6 elements had fallen off. Once the tower and T6 were down, I also found a couple additional problems: a loose T6 element where it attached to the boom (see photo – also note the crack in the boom) and some rusted U-bolts on the HAM IV rotator (see photo). These repairs are in process.

Having let both towers down, it's also now obvious that I am on the verge of having interference problems with trees. More than likely I'll have to call my tree guy (with his bucket truck) to do some trimming. This work will be done in conjunction with clearing two dead trees that are close to the house.

I'm also thinking of replacing all the coaxes due to nicks in the outer jacket



and the possible intrusion of water. Most of the coaxes have been up over 15 years, so it would be a good investment to have new coax.

The purpose of all this work is to start with everything in top-top shape. My goal is to have all this done by the CQ World Wide DX Phone contest for our annual multi-op effort. Although I have much to do, I think this goal is very achievable.



Classified Ads

Items for Sale

Want to Buy

If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at ab9zd@arrl.net.

2012 FORT WAYNE HAMFEST

The 2012 Fort Wayne Hamfest & Computer Expo and the 2012 Indiana State A.R.R.L. Convention will be held on November 17th and 18th at the Allen County War Memorial Coliseum and Exposition Center, located at 4000 Parnell Avenue in Fort Wayne (at the corner of Parnell and Coliseum Blvd).

The 2012 Fort Wayne Hamfest & Computer Expo, and Indiana ARRL State Convention will be open to the public from 9 AM to 4 PM on Saturday November 17th, and from 9 AM to 3 PM on Sunday, November 18th. Admission is only \$6.00 per person (good for both days), or \$4.00 for just Sunday, and there is plenty of parking in a large, paved parking lot, but please note that the Coliseum charges a \$4.00 parking fee. Children 11 and under are free with an adult.

We will once again be offering VE testing. See the Forums/VE test page for details.

We have several forums each day, on many subjects relating to amateur radio and electronics.

We will also be welcoming several representatives from the American Radio Relay League.

Say Again?

"A road sign of the future is likely to read 'No wheeled vehicles on this highway.' Cars without wheels will float on air, bringing about the passing of the wheel."

Arthur C. Clarke

Scientist and author, stated in 1975 of his vision of transportation in the year 2000.

AREA HAMFESTS

Angola Hamfest

Location: Angola, IN

08/04/2012

Sponsor: Land of Lakes Amateur Radio Club

Website: <http://llarc.tripod.com/>

Tippecanoe ARA's Annual Hamfest

08/19/2012

Location: Lafayette, IN

Type: ARRL Hamfest

Sponsor: Tippecanoe Amateur Radio Association

Website: <http://w9reg.org/hamfest/index.htm>

Findlay Hamfest

Location: Findlay, OH

09/09/2012

Sponsor: Findlay Radio Club

Website: <http://w8ft.org>

Kalamazoo Hamfest

Location: Kalamazoo, MI

10/21/2012

Type: ARRL Hamfest

Sponsor: Kalamazoo Amateur Radio Club (KARC) & Southwest Michigan Amateur Radio Team (SMART)

Website: <http://www.KalamazooHamfest.com>

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 7.

SO WHAT DOES YOUR HAM SHACK LOOK LIKE? SEND A PHOTO TO THE EDITOR



THE FOXHUNT CHRONICLES FOR JULY 2012

The sixth foxhunt of the 2012 season occurred on Sunday, the first of July. The July hunters included Steve Nardin, W9SAN, the team of Bob Dean and Dave Spence, KC9UHU and KB9VTK, the team of Kim & Jim Machamer, KB9's DOS and DOT, and Steve Irving, KC9AUQ.

The part of the fox in this little melodrama was provided by Charles Ward, Fred Gengnagel and Phil Hooper, KC9MUT, KC9EZP and AB9IZ. Since the author was not able to participate in this hunt, details of their nefarious actions to hide are unavailable to the author other than they located behind the Cinema Grill



off Stellhorn road, and that they used a transmitter outputting around 250 milliwatts as the actual fox device.

Based upon the data I do have the July hunt was won by the team of Bob Dean and Dave Spence followed by Kim and Jim Machamer, Steve Nardin, and Steve Irving in that order. Points garnered by the participants turned out as follows:

Consequently for the August hunt the duties of the fox will be provided by Bob Dean and Dave Spence.

Respectfully submitted,

Al Burke, WB9SSE

FOX HUNT YEAR TO DATE POINTS

	WA7NXI	KB9VTK	KC9MUT	KC9EZP	KB9DOS	KB9DOT	W9SAN	W9LAN	WB9BGJ	KB9ZQG	KC9UHU
This Hunt	-	705	591	591	690	690	650.5	-	-	-	705
Total	3020	3707	3400.5	3400.5	3362.5	3362.5	2206	1555.5	575.5	575.5	2528
	K9OMA	KA9YYI	WB9SSE	KC9AUQ	WB9RUS	ALEX					
This Hunt	-	-	-	410	-	-					
Total	3156	2346	3156	1149	366.5	891.5					

2012 Foxhunt Schedule

The following is the planned Foxhunting schedule for 2012. Each start at Trakside, the Off Track Betting Complex, 1820 W Washington Center Rd:

August	08/05/12	1:30 pm	Sunday
September	09/09/12	1:30 pm	Sunday
October	10/07/12	1:30 pm	Sunday
November	11/04/12	1:30 pm	Sunday

AB9ZD DONATES 100TH PINT OF BLOOD TO RED CROSS

Ken, AB9ZD stopped by the local Red Cross blood donation center across from the Memorial Coliseum a couple of days ago to donate a pint of blood. He's been doing it long enough that this was donation number 100. While quite a milestone, it is no were near the record of 315 pints donated by John Sheppard of Fort Meyers, Florida.

We all know the great work that the Red Cross does during emergencies and in providing blood products for those who need them. No one receives whole blood these days. Donated blood is separated into red cells, platelets, and plasma. It is also possible to donate just red blood cells or just platelets (needed by cancer patients).



ARRL IN ACTION: WHAT HAVE WE BEEN UP TO LATELY?

08/01/2012

Compiled by S. Khrystyne Keane, K1SFA
ARRL News Editor
k1sfa(at)arrl.org

This feature is a concise monthly update of some of the things ARRL is doing on behalf of its members. This installment covers the month of July.

The ARRL Board of Directors met in Connecticut for its 2012 Second Meeting. The Minutes from that meeting are now available.

At its 2012 Second Meeting, the ARRL Board of Directors honored four radio amateurs with annual awards and named a former ARRL Director as Director Emeritus.

The ARRL launched the integration of its Logbook of the World program with CQ's WPX Award.

The ARRL reassured amateurs that an Executive Order -- streamlining emergency communications at the federal level -- poses no risk to the Amateur Radio Service.

The ARRL hosted a webinar, presenting information about the 2012 hurricane season and the Amateur Radio response.

Additional tools and reports are now available for those radio amateurs seeking to earn the ARRL Diamond DXCC Award.

NASA Astronaut Don Pettit, KD5MDT, sat down with ARRL News Editor S. Khrystyne Keane, K1SFA, on Thursday, July 12, for a one-on-one interview about ham radio and life on the International Space Station.

The 2011 ARRL DXCC Yearbook is now available to all ARRL members as a supplement in the digital edition of the August issue of QST. A printed copy of the Yearbook is also available for purchase in the ARRL Online Store.

Vic Poor, W5SMM, of Melbourne, Florida, was awarded the ARRL President's Award for his involvement with the development of many hardware and software

innovations that are used both in Amateur Radio and in industry.

After a brief hiatus, the W1AW Echo-Link Conference Server W1AWBDCT and W1AW's IRLP Node 4292 are back in service.

The Membership and Volunteer Programs Department at ARRL Headquarters is getting ready to welcome more than 10 newly elected or appointed Section Managers next month.

The ARRL's Maxim Society -- comprised of radio amateurs who have made financial commitments to the ARRL exceeding \$10,000 in lifetime contributions -- now has 108 members.

DXCC News: The DXCC Desk approved three operations for DXCC credit: The 9X0PY (Rwanda) operation (December 24, 2011-January 7, 2012), the S21YD (Bangladesh) operation (1994, 1995, 1998 and 1999) and the 2012 H44UD operation (Solomon Islands).

A new QuickStats poll was made available on the ARRL website.

The winner of the July QST Cover Plaque award is Carl Luetzelshwab, K9LA, for his article "Our Recent Solar Minimum and Sunspot Cycle 24 Progress."

The September print issue of QST was released to the printer and the digital edition was released to the digital publisher. The August digital edition of QST was made available to members.

Official Observer Desk: ARRL Field and Regulatory Correspondent Chuck Skolaut, K0BOG, handled complaints concerning commercial RTTY signals on 20 meters, interference to a 75 meter net in Idaho, continuing interference on 14.313 MHz and a steady carrier on 3.906 MHz.

Member Contact: ARRL Chief Executive Officer David Sumner, K1ZZ, the Radio Society of Great Britain's annual meeting. ARRL Regulatory Information Manager Dan Henderson, N1ND, attended the Central States VHF Conference in Cedar Rapids, Iowa.

Some of the Items on Sale at ARRL

ARRL Handbook (2012 Hardcover Edition)

The most comprehensive guide to radio electronics and experimentation. 2012 Hardcover Edition.

Special Member Price!
Only \$49.95 (regular \$59.95)

Order No. 6634 - \$49.95



[Details](#)

[Add to Cart](#)

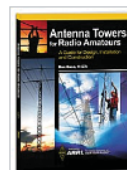
[Add to wish list](#)

Antenna Towers for Radio Amateurs

Learn the skills, climbing techniques, and safety measures necessary to improve your antenna system.

Special Offer! Only \$29.95
(regular \$34.95 -- save \$5)

Order No. 0946 - \$29.95



[Details](#)

[Add to Cart](#)

[Add to wish list](#)

Radio Amateur Callbook CD-ROM (2012)

More than 1,600,000 licensed radio amateurs! Includes International and North American listings and Amateur Radio Prefix Maps.

Special Offer! Only \$39.95
(regular \$49.95 -- save \$10)

Order No. 3683W - \$39.95



[Details](#)

[Add to Cart](#)

[Add to wish list](#)

ARRL Library Book Set

Popular ARRL publications, for clubs or individuals that wish to make a gift to a local library or school.

Special Bundle Offer!

Order No. LIBSET - \$200.00



[Details](#)

[Add to Cart](#)

[Add to wish list](#)

DXing on the Edge

The Thrill of 160 Meters!

Closeout Special!

Order No. 6354 -
\$19.95



[Details](#)

[Add to Cart](#)

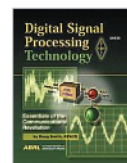
[Add to wish list](#)

Digital Signal Processing Technology

An understandable presentation and reference on DSP in contemporary communications technology.

Closeout Special!

Order No. 8195 - \$34.95



[Details](#)

[Add to Cart](#)

[Add to wish list](#)

CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest Web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contest include:

ARRL Contest Corral Web page: <http://www.arrl.org/contests>

WA7BNM Contest Calendar: <http://www.hornucopia.com/contestcal/>

ARRL's National Contest Journal calendar: <http://www.ncjweb.com/contestcal.php>

Contesting On-Line: <http://www.contesting.com/>

HF	Contest Title	Ph	CW	Dig	Exchange & Frequencies (MHz)	Logs Due
VHF+	Dates / Times				Sponsor's Web Site	
1.8-28	Int'l Lighthouse-Lightship Contest	X	X	X	Serial or ARLHS mbr/light nr and name, S/P/C	Aug 31
	Aug 4, 0000Z - Aug 5, 2359Z					
1.8-28	European HF Championship	X	X		RS(T), last two digits of 1st year licensed	Aug 31
	Aug 4, 1200Z - Aug 4, 2359Z				lea.hamradio.si/~scc/euhf/euhfc.htm	
	ARRL UHF Contest	X	X	X	4-char grid square	Sept 6
222+	Aug 4, 1800Z - Aug 5, 1800Z				arrl.org/contests	
1.8-28	North American QSO Party		X		Name and state	14 days
	Aug 4, 1800Z - Aug 5, 0600Z				ncjweb.com	
	ARRL 10 GHz and Up Contest	X	X	X	6-character grid locator	Oct 19
10G+	Aug 18, 6 AM - Aug 19, 12 AM				arrl.org/contests	
1.8-28	North American QSO Party	X			Name and state	14 days
	Aug 18, 1800Z - Aug 19, 0600Z				ncjweb.com	
3.5-28	ARRL Rookie Roundup			X	Both calls, name, check, S/P/XE or "DX"	See web
	Aug 19, 1800Z - Aug 19, 2359Z				www.arrl.org/contests	
3.5-28	Ohio QSO Party	X	X		Serial and S/P or "DX"	30 days
	Aug 25, 1600Z - Aug 26, 0400Z				www.ohqp.org	

ARRL NEWS AND PRESS RELEASES

CQ WW Director, Bob Cox K3EST announced, "With the technology available today and the presence of the Internet practically everywhere, it has been decided to reduce the log submission time for all CQ contests to five (5) days. Approximately 70% of all electronic logs (more than 10,000!) were received within 7 days after the contest. We realize that in some cases circumstances may not allow a timely submission. If an entrant requires more time to submit a log, an extension can be granted for legitimate reasons by contacting questions@cqww.com. Send your email to that address prior to the submission deadline - including before the contest if you expect to require more time. We encourage clubs to notify their

members of the new deadline as they may not be aware of the rule change. This is an excellent opportunity for clubs to help members generate and email Cabrillo-formatted logs if they have not done so before." CQ Editor, Rich W2VU notes, "The five-day log submission deadline takes effect with the SSB weekend of the 2012 CQWW DX Contest in October. The deadline for the 2012 CQWW RTTY DX Contest (Sept. 29-30) remains 15 October, as published in the July issue of CQ."

Also from CQ Communications, we receive word that John Lindholm, W1XX, has stepped down as director of the CQ WW VHF Contest. John ran the VHF contest for 10 years and quintupled the number of logs submitted. Steve Bolia, N8BJQ, (who was once the CQ WPX Director) has graciously agreed to step into John's shoes. In addition to his current responsibilities as WPX Award Manager, Steve has already been helping John with VHF Contest log-checking for the past several years. Thanks to both John and Steve for their service!

Membership Application for ☐ ACARTS - and/or - ☐ FWRC

Name: _____ Call sign: _____ License class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ - _____ 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 \$20.00/yr. premium.

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

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

Regular membership ☐ \$12.00 / year
 Additional family members¹ ☐ \$6.00 / year
 Student membership² ☐ \$6.00 / year
 Associate membership³ ☐ \$6.00 / year
 (New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year
 Family membership¹ ☐ \$30.00 / year
 Student membership² ☐ \$5.00 / year
 Associate membership³ ☐ \$20.00 / year
 Mailed newsletter premium ☐ \$20.00 / year
 (Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. Unlicensed member

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

ACARTS Fort Wayne Radio Club.
 PO Box 10342 PO Box 15127
 Fort Wayne, IN 46851 Fort Wayne, IN 46885

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

ACARTS Voice Repeaters

146.880 (-) General use / Skywarn priority

147.255 (+) General use

443.800 (+) General use

(For autopatch 88 has only speed dial emergency #'s.)

ACARTS Digital Repeaters (digirepeaters)

144.390 (s) APRS - wide

145.530 (s) W9INX-1 Digipeater and Node

Fort Wayne Radio Club Repeaters

Voice:

146.76 (-) General use

146.94 (-) General use with autopatch

146.91 (-) EchoLink connection repeater

Node number 519521

444.875 (+) General use

ATV: 439.25 In, 910.250 Out, 144.340 Audio & control

D-STAR

442.99375, Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G

Indiana D-STAR net, 1st and 3rd Thursday, 7:30 - 8:30,

Reflector REF024B

Area Traffic Nets

(please submit any changes or corrections to the editor)

IMO: meets nightly at 6:30 p.m. on 146.88-

Tri State Two Meter Net: meets daily at 7:00 p.m. on 147.015+

21 Repeater Group: Wed. at 7:30 p.m. on 147.150

Help and Swap Net: Mon. at 9:00 p.m. 146.94(-)

Daily Indiana Traffic Net: 3.910 @ 8:30 a.m. & 4:30 p.m. local.

Daily (QIN) Indiana Section CW net: 3.535 @ 9:30 a.m. & 7:00 p.m. local times.

Miscellaneous Nets

Allen Co. ARES Training Net: Tue. at 9:00 p.m. on 146.94-

Emergency Preparedness Net: Thurs. at 9:00 p.m. on 146.88-

Huntington ARES: Sat. at 8:00 p.m. on 146.685-

Whitley Co. ARES: Wed. at 8:00 p.m. on 145.270

(Note 131.8 PL disabled for all nets)

Whitley Co. Sunday: Sun. at 8:00 p.m. on 444.550+, 131.8 PL

"No-Name" Net: 8:30 pm Sunday and Wednesday nights. 1.965 MHz or cross band on the 146.91 repeater.

Little Red Barn Net: Weekdays @ 8:30 a.m. on 3820 kHz. Thursdays at 3826 kHz.

Northeast Indiana Packet Net: Sunday at 9:00 p.m. on 145.530 @ 1200 baud. We use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.

FWRC YL Net: Wed. 7:00 p.m. on 146.76-

FWRC 6 Meter Net: Tue. 8:00 p.m. on 50.580 USB

6 Meter AM Net: Thurs. 8:00 p.m. on 50.580 AM

FW Area Student Net: Wed. 9:00 p.m. on 146.91-

To:

Activities Calendar



Date	Time	Event	Place
08/04/2012	9:00 AM	Amateur License Examinations	Fort Wayne Boy Scout Council HQ
08/05/2012	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
08/07/2012	7:00 PM	FWRC Board Meeting	On the 146.76 repeater
08/14/2012	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
08/17/2012	6:00 PM	FWRC Tailgate Hamfest	GSUMC
08/18/2012	1:00 PM	ACARTS Picnic	QTH of Jim, KB9IH
09/08/2012	9:00 AM	FWRC Special Event Station: 200th anniversary of the Siege of Fort Wayne, Old Fort	
09/08/2012	9:00 AM	Amateur License Examinations	DeKalb County Court House Annex
09/09/2012	1:30 PM	Foxhunt	Fort Wayne Off Track Betting Complex
09/11/2012	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
09/11/2012	7:00 PM	FWRC Board Meeting	GSUMC
09/18/2012	7:00 PM	ACARTS General Meeting	Salvation Army Facility
09/21/2012	6:30 PM	FWRC General Meeting	GSUMC