



HAMLETTER

Published Monthly

Wheaton Community Radio Amateurs

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AUGUST QST REVIEWED

BY JIM WARD, W9DHX

This 160 page issue is another winner, with entertainment, information, product reviews and a big bargain for the newsstand price of \$5. If you aren't a subscriber, you can pick it up at the Public Library's reading room and enjoy the articles. We'll mention a few that caught our eye, and hope you'll enjoy them too!

Product Review of the ICOM IC-7800 (HF Bands and 6 meters) Transceiver

The "Street Price" of this fantastic box is \$10,599, so if you don't plan to buy one right away, you might want to turn to page 64, and enjoy a complete review. It includes fairly large photos of the displays and description of all the bells and whistles you'd expect for that price tag. Seven pages will answer most of your questions on this "top of the line" transceiver.

"On Air" Sign Project

If you've always wanted to impress visitors with the fact that you're a professional, then this "rf activated sign is just what you want to build. Pages 56 and 57 tell you how to construct it. The device is lighted by two 12-volt dc automotive lamps which glow when you are transmitting.

Heathkit History

If you are like most hams, you've owned a piece of Heathkit equipment and will enjoy reading on pages 86 and 87 about the famous makers of the "Benton Harbor Lunch Box" and other kits. It is hard to believe that today's equipment was preceded by such elementary stuff!

(Continued on Page 4)

Field day is different when you're retired. REALLY different.

First you need two fans if you have the rig on a picnic table. One to cool you and the rig and one to blow the sand fleas and giants off your back.

You also need a tarp handy to cover the rig when it rains. It does that a few times every afternoon and no one is spry or ambitious or smart/organized enough to put up a shelter. So you sit under a tree for shade and move the table as the sun moves so you stay in the shade and when it rains you cover the rig and grab a beer and sit in a car for a little while.

You hang a G5RV in a tree as high as you can reach. No one is spry or ambitious or smart/organized enough to have a sling shot or rope or a pole or anything like that. So as high as the tallest geezer can reach is how high the antenna is.

OR you just sit in your SUV with the engine and AC running and use the mobile whip. See attached picture (on bottom of page 11) of yours truly and the rocket scientist I had as a logger.

However, it all works out really well. The club's goal was to get anyone at all out and work anyone at all to demonstrate we could do it. We worked about 15 or 20 QSOs on 40 SSB and about 25 or 30 on 20 SSB and declared the effort to be a success beyond our highest expectations. We worked someone from both coasts, Canada to Miami, and all across the midwest. Since we covered the country and worked way more stations than we expected we had a beer and went away happy.

Look for us in 2A in QST. ki4fis. Kicking It 4 Florida's Incontinent Seniors.

73

John; k9fid

From the President's Gavel

by Mike Wolff, AB9AX WCRA President



Greetings Fellow Hams and Radio Enthusiasts!

I'd like to start this month with expressing my sincere gratitude to those members in attendance at the last meeting, who voted to approve our annual fiscal budget. There were some good questions raised, and some good ideas and answers to those questions -- quite a few from the membership themselves. Truly, it is an honor to serve such a fine bunch of folks!

As many of you are aware, John Siepmann (N9NA) was to go before the Zoning board (City of Wheaton) for a hearing on a variance that would allow him to construct a 48 ft. tower. Originally, the hearing had been scheduled for 7:30 PM on July 13th, but was moved to 7:30 PM on July 27th. I was planning to attend, but with the date change, I have a schedule conflict, where my income-earning job requires me to be in the Mid-Atlantic region of our country from mid-day July 26th through the evening of August 1st. So, unfortunately, I will not be able to participate; however, I am hopeful that others within our club are able to be present as a demonstration of support of both John and our hobby. Please join John's cause if you are able on July 27th, 2004, 7:30 PM at the Wheaton City Hall (Continued on page 4)

WCRA Staff

Elected Officers

President	Mike Wolff	AB9AX	630: 778-1070
Vice President	Steve Peterson	N9OA	630: 742-3581
Secretary	Mary James	K9GAL	630: 968-1844
Treasurer	Jack Feldman	KA9HEL	630: 515-0377
Custodian	Roberto Beltramelli	WA9E	630: 668-5688

Volunteer Committee Chairs

Club Call Trustee	Tom Geletka	N9CBA	630: 289-2535
Christmas Party	Dale Kwart	NJ9E	630: 858-8541
Club Awards	John Cheney	N9MWF	708: 848-2885
Club Truck			
Elmer/Know-Code	George Reichert	W9GWR	630: 871-1786
Elmer/Know-Code	Charlie Matthews	WB9SGD	630: 665-4506
Field Day	Frank Krozel	KG9H	630: 653-9090
Field Day	Dale Kwart	NJ9E	630: 858-8541
Field Day	Peter Richey	N9HDW	630: 260-9447
Hamfest	Bruce Plantz	K9OZ	630: 604-0157
Chaplin	Harry Sheaffer	W9AXI	630: 483-2044
Historian			
Interference			
Refreshments	Steve Peterson	N9OA	630:742-3581
Membership			
Membership	Robert Mitilieri	N9EF	630:510-7816
Membership Retention	Robert Noles	N9XS	630:372-7036
Public Relations			
Public Service	Joe LeFebvre	N9WRO	630:587-8059
VHF/HF Awards	John Cheney	N9MWF	708: 848-2885

Amateur License Staff

Training Classes	Jack Feldman	KA9HEL	630: 515-0377
Tech Instructor	Mike Wolff	AB9AX	630: 778-1070
Tech Instructor	Robert Mitilieri	N9EF	630: 510-9783
General Instructor	Pat Byrne	K9JAU	630:858-1959
Extra Instructor			
Volunteer Exam.	Harry Kamer	K9HK	630: 953-0519

WCRA Repeater Administrative Board (RAB)

Trustee/Tech Adv	Tom Geletka	N9CBA	630: 289-2535
Chairman	Don Motz, Jr.	N9NYX	630: 665-7757
Secretary	Doug Totel	W9NJM	630: 469-3001
Tech Advisor	Gary Henle	N9VLL	630: 736-9102
Member	George Henry	KA3HSW	630: 830-6659
Member	Larry Schroeder	KA9KDC	630: 665-3228

WCRA Radio Nets

Sunday	8:00 pm	145.390/(-600)	Net Control: Rotates
Sunday	8:30 pm	224.140/(-1.600)	Net Control: Marty KA9RCC
Tuesday	8:00 pm	145.390(-600)	ARES Net
Tuesday	8:30 pm	444.475/(5.0)	UHF Net

WCRA Repeaters

145.390/ 144.790	103.5(1A) or 107.2(1B)	PL Encode/Decode
224.140/222.540	Carries Access - SKYWARN	Service Liaison
444.475/449.475	114.8 Hz(2A)	PL Encode/ Decode
145.310/144.710	WCRA, W9CCU-1	Full Duplex Packet Repr

HAMLETTER

Editor	Don Motz, Jr.	N9NYX	630:665-7757
Photos	Larry Schroeder	KA9KDC	630: 665-3228
Features	Peter Barr	W9UF	630:971-8581
Features	Jin Ward	W9DHX	630: 469-4054
HAMLETTER	24 HOUR FAX		630:665-7757
HAMLETTER	eMail address:	donlin@xnet.com	

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WCRA Meeting Minutes

by: Mary James
K9GAL
WCRA
Secretary

President **Mike, AB9AX**, called the meeting to order at 20:40. The board and all in attendance made introductions. **Peter, N9DHW**, made a motion to accept the minutes of the previous meeting and **Doug, W9NJM**, seconded it. A vote was taken and the motion carried. Mike made the president's announcements, emphasizing the schedule for the Fourth of July Parade to be held Sunday in Wheaton. He encouraged members to participate, and said set-up would start at 11 a.m. at the Fifth Third Bank in Wheaton. **Jack, KA9HEL**, asked how the new insurance policy for the Club Truck would get to the parade. **Steve,**

N9OA, offered to take the policy since he would be working at the parade. Vice President Steve gave his report, after saying he had presented the First Aid Program earlier. He thanked Peter for giving the presentation of photos from Field Day. Steve said the program for August would be on Pedestrian Mobile Radio by **Bruce, K9OZ**. Steve announced programs for the rest of the year including the Six-Meter Beam Antenna program in September and a Show & Tell session in October. Secretary **Mary, K9GAL**, presented applications for WCRA new membership and renewals. **John, WB9VGJ**, (who was visiting from his home in Prescott, AZ) made a motion to accept the new members (and renewals) and Jack seconded it. The motion carried. Mary announced that updated rosters and membership cards were available at the front table.

Treasurer Jack reported there is \$2,692.43 in the money market, \$11,969.24 in the checking account, for a total of \$14,661.67. He updated members on the insurance situation, saying the club had saved about \$1,600 by changing insurance policies to State Farm. In his report, Custodian Roberto, WA9E, said the Club Truck went to Field Day, and the generator stopped working between 1 and 1:30 a.m. He had heard that **George, KA3HSW**, and **Kevin, N9OBO**, had worked on the generator and rigged up back-up power until the generator was working again around 7 a.m. For the time being, Roberto said they would probably do a bypass of the generator until it could be worked on. He also reported on free storage possibilities for the Truck. Roberto gave Steve a manual about logistics for the Fourth of July parade.

Hamfest Bruce announced there would be a committee meeting in September. Elmer/Know-Code, **George, W9GWR**, said there would probably be another Know Code class in September. In Public Service news, Mike repeated the announcement about the Fourth of July parade. Training Classes Jack said that we still have the space for the Technician class at College of DuPage, but that the class is not attracting much interest. Classes have gone to a quarterly schedule, and the tuition for the Tech class has been decreased to \$20. Jack said he had heard talk of doing the class in a weekend, but no action was taken. Field Day Peter, N9HDW, announced that he would like to form a committee to look into new technology that could be used at the next Field Day. **Dale, NJ9E**, announced there would be certificates for those who participated in Field Day at the next meeting. In Volunteer Exam news, Mike reported that there were five elements at the most recent session and that four passed. Membership Mike announced he had sent out e-mails to members who have lapsed. Mike reported he has updated the Web Page, and has made a PDF of club's by-laws that could be posted on the page if the club approved. **Jim, W9DHX**, made a motion to accept the committee reports, **Tom, N9WBW**, seconded the motion, and it passed.

In old business, Mike presented an updated version of the budget for 2004. Mike opened the floor for questions. The biggest concerns were missing figures for a couple of years and whether the club needs an audit.

Minutes continued

Doug, W9NJM, said he felt an audit would be too costly for the club, but **Winnie, KC9BJJ**, suggested the club form a group of volunteers who could do an informal audit. Jack offered to let any club member look at the books. Another question was raised about the issues with the IRS. Jack said that matter had been handled. Jack said that a club member and accountant has offered to help file IRS reports in the future. A few questions were raised about the low numbers allotted for equipment and maintenance. Dale made a motion to accept the budget and John, WB9VGJ, seconded the motion. **John, N9NA**, announced that the date for the Wheaton Planning and Zoning Board has been changed to July 27. The time is still 7:30 p.m. at the Wheaton City Hall. At the meeting, John will present an application for a zoning variation to put up a 48-foot tower and 2 element quad. He said he would appreciate it if club members would show their support by attending the meeting.

In new business, Dale suggested we go to other club meetings between now and January to promote the Hamfest. He offered to make posters and other promotional materials. Tom made a motion to adjourn; Steve seconded the motion. The motion passed and the meeting was adjourned at 21:50.



From the President's Gavel (Continued from page 2)

at 303 W. Wesley (parking is available at the rear of the building). John has also invited all members to participate, and a visit to his QTH for hors d' oeuvres beginning at 6:00 PM on Tuesday the 27th. (before the hearing). John's home is at 305 Browning Court in Wheaton. That's near the corner of Naperville Rd. and Farnham Lane (about half a mile south of Roosevelt) (west on Farnham to the end, turn left onto Wadsworth for a short distance and right into Browning Ct.).

Thanks for your continued support, and I look forward to seeing you at the next meeting, Friday August 6th 2004.

73,

Mike - AB9AX

QST Reviewed (Continued from page 1)

UK Sponsored Dxpediton to Rodrigues Island(Indian Ocean)

Those dedicated hams who go to the “ends of the earth” to make more countries more available are always a source of interest. What motivates them to bust their buns to make those hundreds of QSOs? There are some great photos and an interesting narrative on pages 45 through 48. The maps also tell you it is near Mauritius.

We hope you enjoy this review—QST is a great resource for making your Ham Hobby more fun.

Fellow WCRA Hams,

I'm sorry to inform you that my hearing before the Wheaton Zoning Board set for next evening has been postponed ("continued" in legal terms) to August 24th at my request. Late last Friday afternoon we (my attorney, Jim O'Connell and I) received a fax from the Wheaton Planning Dept. offering a "compromise". We felt that it will take some time to adequately study and evaluate the offer. Therefore, we requested that the Board "continue" the zoning variation request. I'd like to also ask that you not attend the meeting tomorrow night. And likewise, I'd like to postpone the hors d'oeuvres to a later date. Thank you very much for your interest and support.

73,

John Siepmann, N9NA





Activities on the HF Bands

by:
Peter Barr
W9UF

The Radio Club Venezolano (RCV) is celebrating the 70th anniversary and has launched a DXpedition to Aves Island - one of the top ten most wanted DXCC entities. Aves Island (NA-Ø2Ø) is located at 15 40' 33" North 63 36' 27" West (FK85eq) which is around 600 kilometers north of mainland Venezuela. The island is about 580 meters long and 150 meters wide. The highest point on the island is only about 3 meters above sea level. Aves Island was claimed by Venezuela in 1865. On August 23, 1972 the island was declared wildlife sanctuary. In 1978 the Venezuelan Navy established a garrison in Aves called the Simon Bolivar Scientific-Military Base. Now a new garrison is being installed

and this expedition will be there at the time of its inauguration. The last DXpedition to YVØ0 was in 1994.

The operation should have commenced as you read this and will be on the air until August 8th. (On-the-air period depends on voyage to Aves). Guest operators joining the host group include: K4UEE, K6MYC, OH2BH and OHØXX.

Antennas: Sigma & SVDA vertical monoband antennas for HF provided by FORCE 12, the leading edge antennas for many successful DXpeditions and contest operations. On VHF, M2 2x 41 ft. yagis on 6m and a 15.7 dbd yagi for 2m will be used. Crossed yagis for UHF and VHF will be used in satellite operation.

Modes of operation will include SSB, CW, RTTY, PSK, SSTV, FM and some other digital. Several of these digital modes will be used for the first time from this DX entity. In addition, this will be the first moon-bounce operation from here.

Bands: 75cm through 160m including WARC and satellite.

Suggested Frequencies:

CW - 1.823, 3.503/3.523, 7.003/7.023, 10.103, 14.023, 18.073, 21.023, 24.893, 28.023, 50.103, 144.100, 432.100

SSB - 1.843, 3.795, 7.055, 14.195/14.260, 18.145, 21.295/21.195*, 24945, 28.480/28.905, 50.103, 14.4200

RTTY - 3.580, 7.035, 10.133, 14.083, 18.101, 21.083, 24.920, 28.083

SSTV - 14.233, 21.343, 28.683

PSK - 3.580, 7.035/7.080, 10.143, 14.071, 18.101, 21.071, 24.920, 28.120

FM - 29.600, 146.520

EME - 50.103, 144.080

* only for novice class operators. Please do not call if you are not a novice.

Follow operator instructions for split range and frequencies.

If a good communication can be established, daily uploaded logs will be on the radio club (RCV) web page. Additionally, logs will be on ARRL's LOTW (Log of the World) but the expedition will NOT load logs into EQSL.

At the top of each hour, 00 minutes) operators will ask for only Africa, Asia or Oceania stations. Please be courteous and wait until the next general QRZ. On half-hours (30 minutes), the operators likewise ask for short skip stations only. This is intended for Caribbean & the northern areas of South America. Again, please follow the instructions.

WEB Page: www.radioclubvenezolano.org and follow Aves link on the left menu, then choose 2004.

The QSL Manager for this event is KB6NAN. Please include a SASE. Additional contributions will be gratefully excepted welcome to cover expenses of the DXpedition and printing the QSL cards.

The African Triple Hop DXpedition continues through the middle of this month. Dave Anderson, K4SV and Neil King, VA7DX will be returned to Africa July 28, with plans to operate from three DX locations through August 17th. Dave and Neil currently in until August 6th. They will move to Swaziland August 7th to August 11th and Mozambique August 12th to August 17th. CW, SSB, RTTY and other digital mode operations are planned on 10 meters to 160 meters, subject to daily propagation conditions, with a focus on the low bands nightly. Special effort will be made to work the general portion of the bands. Equipment has been provided by ZS6WB for meteor scatter and EME operation on 2 and 6 meters using FSK441 and JT65. Patience will be required as neither operator has much experience with these modes.

Verticals will be used on 30 to 160 meters with 4 element A4S and WARC beams at 75 feet for the higher bands. Their call signs from last year have been reactivated with Dave using 7P8DA, 3DAØSV and C91DA. Neil will use 7P8NK, 3DAØWC and C91NK. Information on how to QSL and on-line logs will be available at <http://www.k4sv.com>. Logs will be uploaded daily and will be updated with the date of any QSL requests received and sent. The QSL manager for the entire operation will be K4YL. QSL to P.O. Box 183, Flat Rock, NC 28731-0183.

Masa, JQ3DUE/4S7DUG and a group of hams from Japan have set up a trip to Sri Lanka for September 17-24, with operations on the 18th – 23rd. They will operate on 160 – 6 meters, concentrating on the low bands, especially for North America. They will have two 500-watt rigs and a V80E vertical for 160-40. They may put as many as four stations on HF. Call signs and suggested frequencies have not been announced.

SG1RK is the special call sign for the Gotlands Radioamatörklubb for the rest of 2004. QSL via SK1BL, Gotlands Radioamatörklubb, Gyle Ala, SE-62023 Romakloster, Sweden. Gotland Island is IOTA EU-Ø2Ø.

Mark, HI3/KB2MS will be on the air from the Dominican Republic until August 15, mostly on 20 & 6 meters. QSL to his home call. Mark is also QSL manager for HI3NR.

Larry, VQ9LA also known as NØQM, has been on vacation in the U.S. for two months and is now back on Chagos. Larry will be staying in the Chagos Islands at least another year. He plans to be on 160M and 30M more often.

K4ZLE, Jay Slough, will return to Uganda as 5X2A from August 3 to 21. He plans to reactivate his Ugandan call as time permits while there. Some effort will be made to operate on the lower bands this time, mostly on CW. Activity is also planned for PSK31. QSL direct via K4ZLE.

Falk, DK7YY, Hajo, DJ9MH, and Rolf, DL7VEE are planning a short trip to 4U1VIC in Vienna, Austria.

With the help of Jun, JH4RHF they hope to be on the air from Friday August 13th (European midnight) to Sunday August 15 (midnight). Plans are to use two stations with amplifiers and vertical antennas nearly around the clock and a third transceiver as reserve. Activity will be on CW, SSB and RTTY on all bands. Priority will be on the WARC bands along with CW and RTTY. One station will take part in the Worked All Europe (WAE) CW Contest. QSL via the call book address (CBA) or via the bureau to OE1ZKC. This operation will help to achieve the popular WAE awards. Please note that this planned operation could be canceled at the last minute.

Henri, F6EAY is now in Kabul, Afghanistan and has been issued the call T6RF. Currently he is only working PSK31 as the propagation has not been very good and the signals have been weak. Jean Pierre, F6ITD is the QSL manager and has a copy of the official license for submission to the DXCC desk.

In celebration of the 2004 Olympic Games in Athens, a group of Greek amateurs are active as SY2ØØ4KF until September 15, from Kefallonia Island, IOTA EU-052, in the Ionian Sea. Activity is on 160 to 10 meters, including the WARC bands, using mostly CW, SSB, RTTY and PSK31. QSL via operators' instructions.

Ralph, DL9MWG, will be active as HI9/DL9MWG in the Dominican Republic until August 16.

Activity will be mostly CW on all HF bands. QSL his home call via the bureau.

FIJI, 3D2. Christian, EC3ADC is now on the air as 3D2EA from Viti Levu, Fiji IOTA OC-Ø16, and is active on 40, 20 and 17 meters. He is here until September. QSL via EB2AYV.

IOTA

Look for Terry, KH6SQ to be active as VK7SQ from Tasmania (OC-ØØ6) from August 8 to September 2. He will be mostly on 20 meters SSB.

Oskar, ES7NY/2 will be on Naissaar Island, EU-149, for two months. He'll have 100 watts to a delta loop.

9A/Z32FD will be on Pag Island, EU-17Ø from August first. QSL via Ace Jevremov, DJØLZ P.O. Box 14, D-82378, Peissenberg, Germany.

9A/HAØHW and 9A/HA4DX will be on Krk Island, EU-136, August 2-12, especially their early morning and late evening, HF, mostly CW, with some PSK31, RTTY and SSB. QSL to their home calls.

DL4AO/P will be on Usedom Island, EU-129 through August 6. He will be mostly on CW, 40, 30, 20 and 17M, with a little SSB and RTTY.

Steve, W3HF/4 will be on Bogue Banks, NA-112, August 9-15, QRP, 40-15 meters, mostly PSK with some SSB. To request an SSB schedule, e-mail him before the trip at w3hf@arrl.net. QSL to his home call.

IOTA frequencies –

CW 28.040 24.920 21.040 18.098 14.040 10.114 7.030 3.530

SSB 28.560 28.460 24.950 21.260 18.128 14.260 7.055 3.765

SPECIAL EVENTS

Grand Haven, MI: North Ottawa Amateur Radio Club, W8CSO. 12ØØz Aug 5-16ØØz Aug 6. Honoring Grand Haven's Coast Guard Festival. 14.240 7.200. QSL. NOARC, Box 44, Ferrysburg, MI 49409. www.ghcgfest.org <http://www.qsl.net/noarc/>.

Door Peninsula, WI: Wisconsin Lighthouse Expedition, N9L. 14ØØz-21ØØz daily Aug 5-Aug 14. Activation of Wisconsin Lighthouses, including Eagle Bluff Lighthouse (USA-252). 14.270 7.270. Certificate. Jim Martin, W5AZN, 637 Newberry Dr, Richardson, TX 75080-5622. www.w5azn.com.

Bernegat Light, NJ: Old Barney Amateur Radio Club, N2OB. 13ØØz-22ØØz Aug 7. ARLHS Lighthouse #USA-039, IOTA NA-111, USI-NJØØ1S. 14.280 7.280. QSL. Old Barney ARC, PO Box 345, Tuckerton, NJ 08087. Raindate August 8. <http://www.obarc.org/>

Burnett, WI: Rock River Radio Club, W9A. 16ØØz Aug 6-21ØØz Aug 8. 36th Annual Dodge County Antique Power Show. 14.275 7.250. Certificate. Rock River Radio Club, W9TCH, PO Box 26, Juneau, WI 53039.

Canton, OH: Canton Amateur Radio Club, W8AL. 13ØØz Aug 6-Ø2ØØz Aug 8. Annual Pro Football Hall of Fame Festival. 28.365 21.365 14.265 7.265. Certificate. Donald E. Perry, WQ8J, 968 Culverne Ave NW, Massillon, OH 44647.

Lexington, KY: Aviation Museum of Kentucky, KY4AMK. 18ØØz Aug 6-22ØØz Aug 8. Historic Fly-In. 21.320 21.070 14.070 7.238. QSL. Aviation Museum of Kentucky, PO Box 4118, Lexington, KY 40544. www.aviationky.org.

Ancona, Italy: Associazione Radioamatori Italiani, IY6GM. Ø6ØØz Aug 6-22ØØz Aug 10. Centenary of experiments by Marconi Cappuccini Mount Ancona (ARLHS Lighthouse ITA1Ø4). 28.000 21.000 14.000 7.000. QSL. QSL via Bureau or direct to: Associazione Radioamatori Italiani, PO Box 122, Ancona, ITALY 60100. <http://antares.fastnet.it/enti/ari-an/>.

Hawley, PA: Science Camp Watonka Amateur Radio Club, KB3BUM. 133ØZ-213ØZ Aug 7. 7th Annual Event. 28.440 21.340 14.240 7.240. Certificate. Camp Watonka ARC, PO Box 127, Hawley, PA 18428.

Indianapolis, IN: Indianapolis Repeater Association, W9Z. 13ØØz-19ØØz Aug 7. Broad Ripple Hamfest, youth operators from Kids only Net (146.700). 28.500 21.375 14.265 7.285. Certificate. Steven Wendt, 9559 Neptune Dr, Indianapolis, IN 46229. kb9rds@arrl.net.

Thompson, OH: Geauga Amateur Radio Association, N8T. 13ØØz-22ØØz Aug 7. 20th anniversary of the TRIVA NET. 14.270 7.270 146.940. QSL. Dennis Brostek AB8NI, 7187 Maple St, Mentor, OH 44060.

Townshend, VT: West River Radio Club, K1KU. 14ØØz-19ØØz Aug 7. Grace Cottage Hospital Fair Days--55th year of founding. 14.270. QSL. Darrel Daley, PO Box 445, Putney, VT 05346. www.westriverradio.net.

Alexandria, VA: Mount Vernon Amateur Radio Club, K4CG. 13ØØz-24ØØz Aug 7. 214th anniversary of the Coast Guard. 14.250 10.110 7.250 7.045 . QSL. US Coast Guard, K4CG, Telecommunication and Information Systems, 7323 Telegraph Rd, Alexandria, VA 22315. www.mvarc.org.

Mathews County, VA: Middle Peninsula Amateur Radio Club, N4P. 13ØØz Aug 7-18ØØz Aug 8. Pan-American Lighthouse-Lightship Weekend, Commemorating New Point Comfort Lighthouse, USA-543. 21.370 14.270 7.270 3.970 145.37. Certificate. MPARC/QSL Manager, Carter Clements/WA4CC, PO Box 1121, Gloucester Point, VA 23062. www.qsl.net/mparc.

St Augustine, FL: St Augustine Amateur Radio Society, N4AUG. 14ØØz Aug 7-22ØØz Aug 8. Activation of St Augustine Lighthouse #789 for NLLW. 21.270 14.270 14.035. QSL. SAARS, PO Box 860084, St Augustine, FL 32086-0084. www.saars.net

Zoar, OH: Tuscarawas Amateur Radio Club, W8ZX. 14ØØ-21ØØz daily Aug 7 and Aug 8. 31st Zoar Harvest Festival. 14.275 7.275 146.73 Dpx. Certificate. Tim Ashcraft, 502 Oakdale Dr, Dover, OH 44622. www.zca.org.

East Tawas, MI: Hazel Park ARC, K8S. ØØØØz Aug 7-ØØØØz Aug 9. National Lighthouse-Lightship Weekend from Tawas Point Lighthouse, Tawas Point State Park. 28.370 21.370 14.270 7.270. Certificate. Gary I. Sklar, K8IKW, 7296 Green Farm Rd, West Bloomfield, MI 48322.

Lincoln, MI: Alcona County Amateur Radio Group, K8A. 16ØØz Aug 7-Ø4ØØz Aug 15. 33rd Annual Alcona County Fair. 21.345 14.245 7.245 3.945. QSL. Stanley L. Darmofal, W8SZ, PO Box 15, Harrisville, MI 48740. www.alconaradio.org.

Sycamore, IL: Northern Illinois Steam Power Amateur Radio Operator's, W9S. 13ØØz Aug 10-23ØØz Aug 16. 48th Annual Show commemorating Steam Power on the Farm. 28.390 14.245 7.245 3.980. Certificate. Bob Yurs, W9ICU, PO Box 341, Sycamore, IL 60178. www.w9icu.com

Rush Springs, OK: FAA Aeronautical Center ARC, W5F. 14ØØz-22ØØz Aug 14. The Rush Springs Watermelon Festival. 10/15/20/40/80 M. QSL. David Begue, K5FOZ, 2155 County Rd, Tuttle, OK 73089-3112. www.w5paa.org.

West Union, OH: DeForest Amateur Radio Club, W8S. 14Øz-19ØØz Aug 14. Ohio Covered Bridges On The Air--Adams County, Ohio. 14.250 7.233. QSL. DeForest Amateur Radio Club, PO Box 73, West Union, OH 45693. www.qsl.net/ohio-covered-bridges.

Hagerstown, MD: Antietam Radio Association, W3CWC. 16ØØz-193Øz Aug 14. Leitersburg Peach Festival in conjunction with MDC QSO Party. 20/40 m phone 146.55. Certificate. Antietam Radio Association Certificate, PO Box 52, Hagerstown, MD 21740. www.w3cwc.org.

Russellville, OH: Grant Amateur Radio Club, W8B. 15ØØz Aug 14-2ØØØz Aug 15. Ohio Covered Bridges-Brown County. 14.275 possibly 15/40 m gen bands. QSL. Carolyn Donner, PO Box 158, Hamersville, OH 45130.

Boxborough, MA: FEMARA, K1A. ØØØØz Aug 14-2359Z Aug 15. 2004 ARRL New England Division Convention. 21.250 14.250 7.250. QSL. Mike Bernock, N1IW, 22 Redfield Circle, Derry, NH 03038.

Kankakee, IL: Kankakee Area Radio Society, W9AZ. 1400z Aug 14-2000z Aug 15. Celebrating KARS 80th anniversary. 14.280 7.280. QSL. James Schreiner, K9BIG, 436 S Prairie Ave, Bradley, IL 60915. www.w9az.com.

Newton Falls, OH: Western Reserve Amateur Radio Association, W8T. 1200z Aug 14-2100z Aug 15. Ohio Covered Bridges on the Air. 10 20 49. QSL. Gail Wells, 708 Delaware SW, Warren, OH 44485. www.qsl.net/ohio-covered-bridges/. [Work 6 bridges for certificate.]

Window Rock, AZ: Navajo Amateur Radio Club, N7C. 1400z Aug 14-0200z Aug 15. Commemorating Navajo Code Talkers Day. 14.260 14.033 7.260 7.033. QSL. N7HG, PO Box 3611, Window Rock, AZ 86515.

Baltimore, MD: Social Security Employees Amateur Radio Club, W3SSA. 1300z-2200z Aug 15. 69th Anniversary of The Social Security Act. 14.280 7.280. Certificate. Greg Stec, K3ANG, 1624 Pickett Rd, Lutherville, MD 21093.

Pikes Peak, CO: Colorado 14er Event Task Force, Various calls. 1500z-1800z Aug 15. Colorado 14er Event. 147.42 21.330 14.260 14.060. QSL. Bob Witte, 21060 Capella Dr, Monument, CO 80132. www.14er.org. Contact 10+ summits for award.

Wrightstown/Grange Fair, PA: Warminster Amateur Radio Club, K3DN. 1600z Aug 18-2000z Aug 22. 50th anniversary of the Agricultural Research Service and 90th ARRL anniversary. 21.280 14.280 7.280 3.880. Certificate. Warminster ARC, Box 113, Warminster, PA 18974.

Marshfield, MA: Marshfield Fair Radio Club, NN1MF. 1600z Aug 20-2359Z Aug 29. 137th annual Marshfield Fair. 18.160 14.260 7.260 3.860 2 m 70 cm. QSL. Robert F. Burns, K1RB, 27 George St, Apt 3, Whitman, MA 02382.

Alliance, OH: Alliance Amateur Radio Club, W8LKY. 1600z-2100z Aug 21. 100th Anniversary of Scarlet Carnation and Carnation Days. 28.405 14.295 14.045 7.045. Certificate. AARC-W8LKY, PO Box 3344, Alliance, OH 44601.

Saranac Lake, NY: North Country Chapter American Red Cross, W2B. 1400z-2000z Aug 21. Celebration of Flight, Lake Clear Air Show. 14.257 14.030 7.250 7.045. QSL. Roland Patnode, W2WIZ, 162 Neil St, Saranac Lake, NY 12983.

Buffalo, NY: Western NY DX Association, W2DXA. 1300z Aug 21-1600z Aug 22. International Lighthouse Weekend K2L ARLHS-US-090. 21.040 14.040 HF bands CW and SSB. QSL. Robert Nadolny, WB2YQH, PO Box 73, Springbrook, NY 14140.

Burnt Island Lighthouse, ME: Yankee ARC, KA1RFD. 0001z Aug 21-2359Z Aug 22. International Lighthouse/Lightship Weekend. 21.270 14.270 7.270. QSL. Rod Scribner, KA1RFD, RR 4 Box 6770, Gardiner, ME 04345.

Dunkirk, NY: Dunkirk Lighthouse/Lancaster Amateur Radio Club, W2SO. 0001z Aug 21-2359Z Aug 22. International Lighthouse Weekend--USA 248 Lake Erie. 21.350 14.250 7.225 3.950. Certificate. Via <http://dunkirkighthouse.com> or Lancaster Amateur Radio Club, 525 Pavement Rd, Lancaster, NY 14086.

Fire Island National Sea Shore, NY: Great South Bay ARC, W2GSB/LH. 1400z Aug 21-2000z Aug 22. International Lighthouse Weekend at Fire Island Lighthouse ARLHS #286. 7.240 14.260 21.260 28.460. QSL. GSBARC, W2GSB/LH, PO Box 1356, West Babylon, NY 11704. www.gsbarc.org.

St Augustine, FL: St Augustine Amateur Radio Society, N4AUG. 1400z Aug 21-2200z Aug 22. Activation of St Augustine Lighthouse #789 for ILLW. 21.270 14.270 14.035. QSL. SAARS, PO Box 860084, St Augustine, FL 32086-0084. www.saars.net.

Sioux City, IA: Sooland ARA, K0D. 0001Z Aug 21-2359Z Aug 22. Bicentennial of the Lewis and Clark Corps of Discovery. 14.250 7.250. Certificate. Mike Clayton, WD0CJZ, 3600 Transit Ave, Sioux City, IA 51106.

Tuckerton, NJ: Old Barney Amateur Radio Club, W2T. 1300z Aug 21-2200z Aug 22. ARLHS Lighthouse #USA-911 and 4th Annual Classic Boat Festival. 14.280 7.280 146.835. QSL. Bob Schenck

N200, PO Box 345, Tuckerton, NJ 08087. <http://www.obarc.org/>

Spirit Lake, IA: Iowa Great Lakes Amateur Radio Club, WØDOG. 1400z Aug 24-0200z Aug 28. To celebrate 50 years of Club charter. 21.350 14.260 7.250 3.965. Certificate. Bryce Denker, 1818 350th St, Spencer, IA 51301.

Ringoes, NJ: Cherryville Repeater Association II, W4H. 1400z Aug 25-2200z Aug 29. 2004 Hunterdon County 4H & Agricultural Fair, since 1840. 28.375 21.375 14.275 7.275. Certificate. W4H Cherryville Special Event, PO Box 308, Quakertown, NJ 08868-0308. www.qsl.net/w2cra/.

Core, WV: Greene County Amateur Radio Association, N3GC. 2200z Aug 27-2000z Aug 29. Celebration of the "Mason Dixon Line" completion. 14.255 14.055 7.255 7.055. Certificate. Roger Swanson, KC8GOJ, 319 Happy La, Fairview, WV 26570.

Owatonna, MN: Owatonna Steele County Amateur Radio Club, KCØBXJ. 1400z-2300z Aug 28. 150th anniversary of Owatonna, MN. 14.270 7.270. Certificate. Kris Christenson, 1510 Mineral Springs Rd, Owatonna, MN 55060. <http://150.owatonna.org> .

Wausau, WI: WVRA, MAARS, RMRA, W4S. 0900z Aug 28-0600z Aug 29. Walk for Sarcoma from Marsfield, WI, to Wausau, WI. 21.360 18.150 14.260 7.260. QSL. Gerald Graebel, 624 E Bridge St, Wausau, WI 54403.

Bedford, VA: Roanoke Valley Amateur Radio Club, W4CA. 1100z Aug 28-2300z Aug 29. Christmas Tree Island, new US Island on the Air. 14.260 7.260. QSL. Ray Crampton, AB4YZ, 1670 Catawba Rd, Troutville, VA 24175. <http://w4ca.host4www.com>.

Green River, WY: Sweetwater Amateur Radio Club, WY7U. 1800z Aug 28-1800z Aug 29. Butch Cassidy and the Wild Bunch UPRR train robberies. 21.365 14.265 7.265 3.625. QSL. Sweetwater Amateur Radio Club, 1000 South Dakota, Green River, WY 82935. www.qsl.net/wy7u. [Special certificate for working both Jun and Aug events.]

Hanover, MI: Jackson County QRP Outlaws, N8H. 1400z Aug 28-2200z Aug 29. Hanover's "Rust - N- Dust" Days. 14.250 7.250 5.403.5 3.975. Certificate. William Lauterbach, PO Box 87, Hanover, MI 49241.

Hanover, KS: Crown Amateur Radio Association, KØASA. 1400z-2100 Aug 29. Hollenberg Pony Express Station Festival. 18.085 14.245 14.040 7.125. Certificate. Crown Amateur Radio Association, 11551 W 176th Terr, Olathe, KS 66062. www.kshs.org/places/hollenberg/index.htm.

CONTESTS

Time	Date	Contest	Band	Mode
0000z	August 7	TARA		
2359z	August 7	Grid Dip	160-10	RTTY/PSK31
0001z	August 7	10-10 International		
2359z	August 8	Summer Contest	10	SSB/AM/FM
1800z	August 7	North American		
0600z	August 8	QSO Party CW	80-10	CW
0001z	August 8	Nat'l Lighthouse/Ship		
2359z	August 8	QSO Party http://arlhs.com	160-10	All Modes

ØØØØz 2359z	August 14 August 15	Worked All Europe DX Contest www.waedc.de	80-10	CW
ØØØØz Ø8ØØz 16ØØz 2359z Ø8ØØz 16ØØz	August 21 August 21 August 21 August 21 August 22 August 22	SARTG World-Wide DX Contest (Observe break on the 21st)	80-10	RTTY
12ØØz 12ØØz	August 21 August 22	SEANET (SE Asia) DX Contest	160-10	All Modes
18ØØz Ø6ØØz	August 21 August 22	North American QSO Party Phone	80-10	SSB
Ø6ØØz 1159z	August 28 August 29	ALARA (Australian YL) Contest www.wia.org.au	80-10	SSB
ØØØØz ØØØØz	August 28 August 29	SCC RTTY Championship	80-10	RTTY

Thanks to Bernie, W3UR and his Daily DX Bulletin, Tedd Mirgliotta, KB8NW and the Ohio/Penn DX Bulletin., WA7BNM Contest Calendar and the ARRL for information used this month.



Thanks for using the web to submit your 2004 ARRL Field Day entry. Print this page to use as proof that you submitted your entry.

Call Used:W9CCU GOTA Station Call: N9HDW ARRL/RAC Section:IL Class:11A

Participants: 66 Club/Group Name: Wheaton Community Radio Amateurs (WCRA)

Power Source(s): Generator, Battery

Band/Mode QSO Breakdown:

	CW	DIGITAL	PHONE
Power Multiplier: 2X	QSO/PWR	QSO/PWR	QSO/PWR
Bonus Points:			

100% Emergency power:1,100

160M 6 100

Media Publicity:100

80M 135 100

251/100

Set-up in Public Place:100

40M 302 100

370/100

Information Booth:100

20M 306/100

630/100

W1AW Field Day Message:100

15M 15/100

64/100

Satellite QSO completed:100

10M

61/100

Site Visit by invited served agency official:100

6M

Submitted via the Web:50

2M

Non-traditional mode: ATV 100

1.25M

Non-traditional mode: SSTV 100

Others

Total Bonus Points: 1,950

Satelite

13/100

Score Summary:

GOTA

9/100

	CW	Digital	Phone	TOTAL
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TOTAL	764	0	1398
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Total Qso's	764	0	1398
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Total Points	1528	0	1398
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List of GOTA Operators:

KB9LBG, KC0GQT, N9HDW, N9MWF

Claimed Score: 5852

Submitted by: Peter Richey, N9HDW
 1555 Orchard Road, Wheaton, IL 60187
 E-mail: n9hdw@yahoo.com

THE BIRTHDAY MEMBERS OF AUGUST



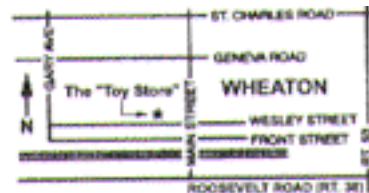
If you are a member of WCRA and don't find your birthday on the adjoining list as your birth month rolls around, please advise the editor as the birth dates have been deleted as part of the FCC database.

GEORGE	N9EJS	08-04-29
PETER	W9UF	08-04-55
ROBERT	KB9OAQ	08-07-46
KEITH	KA9HPL	08-11-62
JIM	W9DHX	08-12-21
HARRY	K9HK	08-19-54
ROBERT	N9EF	08-24-50

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AUGUST CALENDAR OF EVENTS:

- 3rd: Club breakfast **every** Tuesday morning 7-9 AM, Glen Oaks Resturant, Glen Ellyn
- 5th: Club Brunch **1st & 3rd** Thursday's 10:30 AM Carol's Garden, Carol Stream
- 6th: Monthly membership meeting at Wheaton College 7:30pm in **classroom #138** in the Billy Graham Center. The Billy Graham Center is located on the South side of Seminary Avenue across from Old Main just east of Washington Street.. Classroom #138 is on the first floor at the rear of the building on the west side. This months program will on Pedestrian Mobile Radio by Bruce, K9OZ .
- 15th: DEADLINE FOR HAMLETTER SUBMISSIONS FOR SEPTEMBER. Remember we are doing a limited printed edition. **Please be prompt.**
- 26th: VEC testing at the Helen Plum Library in Lombard from 6:30 till 8:30pm.

WCRA General Membership Meeting - August 6th - Wheaton College - 7:30 PM

WCRA was founded in 1948 and continues to be involved in all facets of Amateur Radio supporting the healthy growth of the hobby through diversification and participation. Our members have always been our most important asset and we would like to see you join us for our next meeting. Our business meetings are followed by a break for conversation, coffee, soda pop, and fat pills. This is followed by an amateur radio related program. We would like to see you there to share the enthusiasm.

HAMLETTER

Newsletter Address:

526 South Gables Boulevard
Wheaton, Illinois 60187-4728
eMail: donlin@xnet.com

Club Mailing Address:

Wheaton Community Radio Amateurs
P.O. Box QSL
Wheaton, Illinois 60189

First Class Mail

