



# FEEDBACK



AUGUST 2004

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## AUGUST MEETING

The meeting for the month of August will be held on August 6, 2004 at 8:00 PM, as always at the Massillon Senior Center in downtown Massillon, Ohio.

This month we will be going over the results of Field Day and "relive" perhaps one of the best Field Day's we have ever had! The weather was just perfect with temperatures in the 70's and low 80's. We did better than last year on contacts, but the weekend was not without problems. A computer malfunction on the GOTA station listed all contacts as phone contacts, losing many CW and Digital contacts. As promised, the full report on the results are listed below.

	CW	DIGITAL	PHONE
80M	266		145
40M	216	2	227
20M	227		81
15M	90		259
10M	1		
6M			39
2M			3
SATELLITE			1
GOTA			102

TOTAL QSO'S			
	800		857
	<u>X2</u>		<u>X1</u>
	1600		857

X2 MULTIPLIER= 4,922 CLAIMED SCORE

ADD 1200 BONUS POINTS (estimated, final points to be determined by the ARRL) =

GRAND SCORE 6, 122 POINTS TOTAL (ESTIMATED)

## -- SHORT SKIP --

Wow ! August already, where 0' where did Summer go ? Now's the time to take a close look at your antenna farm Bunkey for preventive maintenance. Ya simply can't beat great weather for antenna work. But we could just enjoy this weather and take a look at the antenna's sudden 6:1 SWR in mid-January...

Aw shucks Bunkey, back to the hammock !

73 de WB80WM

## Contents

page 2	Secretary's Report
page 3	N8ATZ Column
page 4	In Memoriam WD8CIB, Thelma Peine
page 5	Other Notable Deaths
page 6	FCC News
page 6	Ohio/Penn DX News
page 8	Field Day Picture Page
page 9	Operating opportunities (excerpts)

## MARC MINUTES

### July 2,2004

The Massillon Amateur Radio Club meeting was held at the Massillon Senior with 29 members present.

MARC President Jim WA8GXM opened the meeting at 8:00 P.M. The Pledge of Allegiance was given and a round of introductions was made. He then asked to suspend reading the June minutes . They were accepted as stated in the FEED-BACK by John K8LBZ and second by Tim WB8HHP.

MARC Treasurer Anne N8GAF gave the financial report.

MARC Vice President Joe WD8BGW Had newsletters from other Amateur Radio Clubs. He gave a list of area Hamfests and VE sessions. He talked about the average age in 2004 of a "Ham" is 54 but in 1979 it was age 45 years old. We need to get younger people interested in the hobby.

### OLD BUSINESS

Gary WC8W said he would have Field Day results next month.

Jim WA8GXM had some Field Day thank you. To Dan N8DZM for cooking the meat. Don W8DEF, Linda K8MOO, and Gary KC8IHR for cooking breakfast Sunday morning. He also thanked Don W8DEF for making the W8NP flag with Obie on it. He thought everything went well. He thanked everyone that did anything from contesting, bringing a covered dish, setting up to tearing down.

Ed WA8DRT brought a VHS tape he made at Field Day, anyone wanting to view it may do so.

### NEW BUSINESS

Petros Park has been reserved for June 25 & 26 2005 for MARC Field Day Event next year.

MARC Hamfest ads have been sent out to QST, World Radio, CQ, and Nuts and Volts. We have already received door prizes from World Radio.

Terry N8ATZ has already received 20 table reservations for Hamfest 2004.

Ralph K8HSQ again asked about the 442.85 repeater. He was told the work is in progress.

Jim WA8GXM said Homeland Security has put in a new radio at Doctors Hospital. Terry N8ATZ said Homeland would like a new radio in every hospital and Police Station.

Charlie KB8STV wanted to know if we could get earlier notice about incoming storms.

Terry N8ATZ gave the GOBA ride report. He was pleased that everyone made it thru Stark County safely.

There was no other business so the meeting ended at 8:45 P.M. with motion made by Sandra N8TZB.

Congratulations goes to Egor K8INN for winning the 50-50 for \$16.00.

**Minutes by Linda K8MO  
Secretary MARC**

### NOTICE!

This issue of Feedback does not contain a calendar. Richard Ross, KA8ZQH who has been doing the calendar for the past few years is experiencing computer troubles and will no longer print the calendar. So in it's place is an operating "opportunity" guide for the month.

## ... Another MARC Field Day ...

By the time you read this article our official Field Day honcho Gary – WC8W will have submitted the results of yet another MARC Field Day to the ARRL for consideration. How did we do this year ? Pretty well I think, Gary should have the full report for us at the next club meeting as the deadline for submission will have passed. Will we be able to reclaim the coveted Field Day Trophy from you know who ? That is hard to say. We won't know the answer to that question until the official results are posted in QST sometime around November 15th. I hope everyone remembers that's not the only reason we participate in this yearly exercise. The League states it's a preparedness exercise so that a club can emergency communications readiness. I think we already won that one. We are fortunate enough to have a well equipped EComm trailer that can be delivered and set up ready to communicate nearly anywhere on short notice. We have a club full of very dedicated volunteers that helps fulfill that mission. We also know how to have a lot of fun which is why our Field Day's are successful year after year. So I'm not worried too much about the final score, we already number one in my book.

I have posted a few thoughts from Field Day on the club's website on a special Field Day page. There you will also find lots of great pictures thanks to Ed – WA8DRT, Denny – N8UDL and Don – W8DEF. I hope you will check it out and enjoy. Just click on the link you will find on the home page.

## .... EOC Meeting Includes Amateur Radio ...

A planning meeting was held on Friday, July 9th at the Emergency Operations Center for the purpose of discussing the present and future roles of the agency and the various community organizations that provide support and assistance to the EOC.

The meeting was chaired by current EMA Director Rick Alatorre with representatives from the American Red Cross, Central Stark Chapter, Civil Air Patrol, Tri-County Alert, Stark County Building Department, United Way Services of Stark Co. and the Amateur Radio Emergency Service. Several amateur's were present including the President of the Alliance ARC and members of the Canton ARC. Representing the ARES was Assistant EC Terry Russ - N8ATZ.

Rick opened the meeting by defining the role of the EOC in both small and large scale disasters and briefly discussed the roles that each community agency would play in the event of such disasters. He showed the meeting participants the current layout of the EOC which was prepared in 1999. It was interesting to note that Amateur Radio was not included on the list.

Rick is proposing a new layout of the EOC responsibilities which now includes a more defined role of the Amateur Radio

Service. As part of this effort, Rick is updating each agencies file to include the exact role and responsibility each agency would play including the ARES.

Rick is also proposing adding a new component to county emergency operations called VOAD which is Voluntary Organizations Active in Disasters. This umbrella organization helps bring together community groups during disaster situations to maximize resources and manpower. What role Amateur Radio would play is yet to be determined.

Rick concluded the meeting by reaffirming his commitment to work together with all community organizations to make a stronger EOC office that is fully prepared to handle all emergencies that may happen here in Stark County. A follow up meeting is being planned for sometime in August or September.

## .. The 2003 Simulated Emergency Test Results ..

The July issue of QST Magazine has the results of the 2003 Simulated Emergency Test (SET) and once again the Ohio Section has made the top 10 list placing 2nd overall with 3,559 points and 7th in Section/Local Nets with 610 points.

Congratulations to our Stark County amateurs as we placed 12th in the State with 94 points. While this is lower than our past two years scoring, we continue to show a strong ARES participation.

While not really a point generating contest, the SET is an important indicator of each local ARES group's commitment to community service. The basic theme of the SET is to determine the strengths and weaknesses of each ARES groups program as it relates to providing emergency communications. October 2 and 3 is the main weekend for this years SET. This is also the weekend of the 2004 Akron Marathon and we hope to combine this large scale public service event with this years SET.

That's it for this month, see you at the club meeting.

**73's  
Terry –**



Terry, N8ATZ (left, background) and Don, W8DEF, setting up the information table at Field Day.

## IN MEMORIAM

### ARLAN SMITH, WD8CIB

Arlan Smith age 80 passed away on Sunday July 4, 2004 at Massillon Community Hospital, following a brief illness. He was born on April 6, 1924. He was a Massillon resident his entire life. Arlan or Smitty as he was often called was retired from the B.F. Goodrich as a mechanic. He was a veteran of the U.S. Air Force, serving during World War II and the Korean Conflict. He was a member of Grace United Church of Christ, The American Legion Post 221, the North Lawrence Fish & Game Club and of course the Massillon Amateur Radio Club, where he has been a member since 01/04/1971 obtaining Life Membership in the Club.

He was preceded in death by his first wife, Artina in 1990 and a daughter, Loran Crabb in 2003. He is survived by his second wife Mildred U. Smith, a daughter and son-in-law, Barbra and Ted Miller, two step daughters, six grandchildren, and five great-grandchildren, his sisters Edna Perdue, and Florence Snyder and his brother and sister-in-law Stanley (WA8NZE) and Doris Smith (WD8IKC) of Perry Township.

Services were conducted at the Arnold-Lynch Funeral Home on July 7, 2004 and he was interred at the Sunset Memory Gardens. Contributions may be made to Grace United Church of Christ 933 Main Ave. West, Massillon, Ohio 44647.

Our most sincere sympathy goes to the Family.



### THELMA F. PEINE

Thelma Peine, wife of Club member Lester Peine (K8LP) and mother of Leslie Peine (K8CP), passed away on June 27, 2004. Born on January 12, 1925 in East Cleveland, Oh and was a Chardon resident for over 70 years. She retired in 1972 after working 15 years for the former API/LFE Corp in Chester Twp. She also worked for the Reliance Electric Co. A member of the Chardon United Methodist Church she was active in the United Methodist Women's Guild and sang with the choir.

Thelma is survived by her husband Lester and daughters, Karen (Richard) Knierim of Mentor, Oh and Connie (Dr. Warren) Williams of Mathews NC, tow sons Rev Leslie (Beryl) Peine of Canton, Oh and William (Susan) Peine of McClean, VA. She is also survives by nine grandchildren, two sisters, Viola Jamenson of Chardon and Ruth Smith of Westlake, OH. Thelma was preceded in death by her parents, John and Rosa Collins, five brothers and two sisters. Funeral Services were held in Chardon, Oh. Memorial donations may be made to the Building Fund of the Chardon United Methodist Church, 15 North St. , Chardon, Oh.

Our most sincere condolences goes to the Family.



## John Kraus, W8JK Silent Key

John Kraus, W8JK died at the age of 94 on July 20. Kraus, a creative thinker, made several significant contributions to the antenna world in general and Ham Radio in particular. A professor at Ohio State University, he also contributed significantly to radio astronomy.

Prior to his invention of the W8JK antenna in the mid 30s, it was commonly thought that to get more gain from an antenna it had to be made bigger and bigger. Kraus realized that by placing elements closer together and forcing a phase shift that gain could be realized from an antenna much smaller than conventional arrays at the time. This was not generally accepted thinking among the professional EE community at the time and he had difficulty publishing professionally, so he published it in Radio magazine, a forerunner to the present CQ magazine. The W8JK antenna was a popular antenna for many years, in many forms and derivatives, including the ZL special and W7EL's field day special.

Kraus invented the helix antenna after seeing the then new Traveling Wave Tube (TWT) amplifier demonstrated at an OSU seminar. The TWT uses a tightly wound helix to amplify by traveling waves of electrons. Kraus asked the lecturer if the helix radiated. The lecturer replied no, that the circumference was too small. Kraus realized that the larger helix might make an effective circularly polarized antenna. Kraus went home that evening and wound one with a larger circumference and the helix antenna was born. The helix antenna has been a main stay of the space community since its inception.

Kraus also invented the corner reflector antenna after realizing that the method of images could be implemented physically. It was a widely used antenna for UHF TV and point to point microwave transmission for many years.

Kraus also invented the Big Ear radio telescope at OSU after realizing that electrically steering an antenna was far simpler than moving giant dishes.

Kraus was the author of "Antennas", an excellent textbook on antennas. It is still in print, in the second edition, more than 50 years after its initial publication. He will be missed.

## ASCII DEVELOPER DIES

Bob Bemer, a computer pioneer who published warnings on the Y2K problem in the early 1970's and helped invent a widely used coding system, has died, following a battle with cancer.

Bemer was not a radio amateur, but played a role in how the world's computers operate and indirectly, how hams communicate today.

His career began in 1949, working at companies, such as Rand, IBM and Honeywell. He also helped devise the ASCII coding system, used to represent letters, numbers and other characters, in the data world and contributed the escape key and back slash to the computer language.

Bemer published warnings of the Y2K computer problem in 1971 and 1979. He made several appearances to discuss the issue in the years leading up to the millennium. He died Tuesday, June 22, 2004 at his home, some 120 miles west of Dallas, Texas, at age 84.

## FCC NEWS



## VANITY CALL SIGNS PRICE INCREASE

The FCC regulatory fee to obtain an Amateur Radio vanity call sign will rise from \$ 16.30 to \$ 20.80 on Friday August 6, 2004.

The FCC announced the new fee in a Report and Order (R&O) in MP Docket 04-73, which will become effective 30 days after publication in the Federal Register.

## THE FCC TURNS 70

(From QRM Newsletter Volume 28, number 2 August issue)

On July 1, 2004 the Federal Communications Commission (FCC) turned 70 years old. That was the effective date of the Communications Act of 1934, passed by Congress on June 19, 1934, in a document consisting of 333 pages. The FCC replaces the Federal Radio Commission, which was established seven years earlier.

The FCC is directly responsible to congress with regulating interstate and international communications by radio, television, wire, satellite and cable. Jurisdiction covers all 50 states, the district of Columbia and US possessions.

The FCC has five members, all appointed by the president and confirmed by the Senate and six bureaus. Previously, the Commission had seven members and three divisions. According to the FCC, the term 'amateur station' means a radio station operated by a duly authorized person interested in radio technique solely with a personal aim and without pecuniary interest.

## The Ohio/Penn DX PacketCluster

### DX Bulletin No. 670

BID: \$OPDX.670

July 26, 2004

Editor Tedd Mirgliotta, KB8NW

Provided by BARF80.ORG (Cleveland, Ohio)

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AB5K & the AR TelNet Clusters Network, ARRL W1AW Bulletin, K1XN & GoList, NG3K, W3HC, W3UR & The Daily DX, K4SV, N4AA & QRZ DX, K8YSE, 3D2AA, DJ7IK, DL1EK & The DX News Letter, F5CWU & La Gazette du DX, F5NQL & UFT, I1JQJ/IK1ADH & 425 DX News, JI6KVR & JA-IOTA Islands News, JR3TVH, M3ZYZ, VA3RJ & ICPO, VU3DJQ and YV5RCV for the following DX information.

**5X, UGANDA.** Jay, K4ZLE, will once again return here and be active (as time permits while there) as **5X2A** from **August 3-21st**. Some effort will be made to operate on the lower bands this year, mostly CW. Activity is also planned for PSK31. QSL direct via K4ZLE.

**A35, TONGA** (Update/Change In Plans/Rotuma - Possibly Later). Aisea, 3D2AA, informs OPDX that Christian, 3D2EA, has changed his plans and is now active from **Tonga** instead of Rotuma. Christian was first heard active as **A35EA**, but now it seems he is signing **A35DX**. He is expected to be active **until July 29th**. Activity will be on 40/17 meters and mainly on 20 meters. Christian is still hoping that when he gets back from Tonga he shall reconsider his Rotuma trip. QSL via 3D2EA.

**AFRICA TRIPLE HOP DXPELITION 2004.** Dave/ K4SV and Neil/VA7DX return to Africa **July 28th** and will be active from three DX locations through **August 17th**. Dave and Neil will operate from **Lesotho, July 29th to August 6th, Swaziland, August 7-11th** and **Mozambique, August 12-17th**. Activity will be on CW, SSB, RTTY and other digital modes, with operations planned for 160-10 meters; subject to daily propagation conditions, with 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 2m and 6m using FSK441 and JT65. Patience will be required because neither operator has much experience in either mode. Verticals will be used on 160 to 30 meters with 4 element A4S and WARC beams at 75 feet for the higher bands.

Towers, antennas, logistical support, licensing and all in-country arrangements have been handled by African DX Safaris - ZS6WPX. They suggest that anyone needing these countries get your antennas ready to go now. Last year's call signs will be reactivated with Dave using **7P8DA, 3DA0SV** and **C91DA**. Neil will use **7P8NK, 3DA0WC** and **C91NK**. Information on how to QSL and online 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. QSL Manager for the entire operation will be: Stephen K4YL, PO Box 183, Flat Rock, NC 28731-0183 USA.

**P40, ARUBA.** Ken/K6TA and Kay/K6KO will be active from here as **P40TA** and **P40K**, respectively, from **November 30th to December 21st**. Both operators plan to be active as **P40K** in the **ARRL 10 Meter Contest (December 11-12th)** as a Multi-Single/High-Power entry. Also, look for **P40TA** in the **ARRL 160m Contest**. QSL both call signs via WM6A.

#### QSL INFO AND NEWS.....

- Andy, DJ7IK, informs OPDX that the **3V8 QSL Bureau** is now working. The Bureau is located in Tunis at the headquarter of the Tunisian Scouts. The address: Scouts Tunisiens, Amateur Radio 3V8ST, Avenue Juguartha, P.O. Box 339, Tunis Mahrajene 1082, TUNISIA
- Mac, W3HC, informs OPDX that he is now the QSL Manager for **9A6DR**. He also mentions that the new cards are being printed for **PS2T** at this time.

**T6, AFGHANISTAN.** Henry, F6EAY, is currently assigned in Kabul, Afghanistan, and is active using the call sign **T6RF** only on PSK31. Henry states, "The propagation is not very good and the signals are weak." QSL via his manager, Jean Pierre, F6ITD.

**XU7, CAMBODIA.** Jaak, ES1FB, will once again be active as **XU7ACE** starting around **October 15th and end November 5th**. QSL via ES1FB.

**YV0, AVES ISLAND.** The official YV0 DXpedition announcement was finally released this past week by the RCV. The press release states:

"The Radio Club Venezolano (RCV) is celebrating the 70th anniversary and would hereby announce an expedition to Aves Island - one of the top ten most wanted DXCC entities.

Aves Island (**NA-020**) is located at 15 40' 33" North 63 36' 27" West (FK85eq) which is around 600 kilometres 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 a wildlife sanctuary. In 1978 the Venezuelan Navy established a garrison in Aves called the Simon Bolivar = Scientific-Military Base. Now a new garrison has been installed this month, and this expedition will be there at the time of its inauguration. Last DXpedition to YV0 was in 1994.

**Dates:** From **July 28th until August 8th.** (on-the-air period depends on voyage to Aves)

**Operators:** K4UEE, K6MYC, OH2BH, OH0XX - as invited guest operators. The host group is YV1AVO, YV1DIG, YV4BOU, YV5AMH, YV5IVB, YV5JBI, YV5KM, YV5KXE, YV5OIE and YV6BTF. Also YY5FRD will be part of the crew.

**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. boomers 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:** SSB, CW, RTTY, PSK, SSTV, FM and some other digital, many modes for the 1st time from YV0.

**Bands:** 75cms thru 160m including WARC's and satellite.

EME: Moon bounce operation for the 1st time from YV0.

**Suggested Frequencies:**

- CW - 1823,3503/3523, 7003/7023, 10103, 14023, 18073, 21023, 24893, 28023, 50103, 144100 and 432100

- SSB - 1843, 3795, 7055, 14195/14260, 18145, 21295/21195\*, 24945, 28480/28905\*, 50103 and 144200
- RTTY - 3580, 7035, 10133, 14083, 18101, 21083, 24920 and 28083
- SSTV - 14233, 21343 and 28683
- PSK - 3580, 7035/7080, 10143, 14071, 18101, 21071, 24920 and 28120
- FM - 29600 and 146520

Excerpts and distribution of The OPDX Bulletin are granted as long as KB8NW/OPDX/BARF80 receive credit. To contribute DX info, please send via InterNet Mail to: kb8nw@barf80.nshore.org - OR - kb8nw@arrl.net Information can now be faxed to the following "NEW" phone line at: 1-419-828-7791 (F A X only!)



Sandy, K8FUN and Byron KF8UN (confusing, isn't it?) try to make digital contacts during Field Day. Observing from behind is Stan, WA8NZE making sure "they do it right" ! (Sadly to say due to a computer malfunction, we lost all digital contacts from Byron's effort!!!) Sandy's call was chosen for the GOTA station, because it's FUN to operate..... get it? Fun on Field Day... oh well just poking ahem....FUN!

## FIELD DAY PICTURE PAGE



Tim, WB8HHP, a Perry Township Police Officer stops by to "inspect" the work being done for Field Day



The "best" CW operators MARC has; conferring and doing final set up on the CW station. Perry W8AU (foreground) and Igor K8INN. Together they racked up an impressive 800 QSO's !



Assembling the 2, 6 meter array are Jim (l-r) WA8GXM Dan N8DZM and Scott N3JJT.



While 'Old Glory' flies in the breeze, Jim WA8GXM does the final "tune up" on the triband & dipole on top of the "rocket launcher" on front of the E-Com trailer.

Thanks goes to Ed Clinger WA8DRT for all the fine photos in this issue of Feedback. On page 9, thanks goes to the ARRL web site for the operating excerpts.



**Berneget Light, NJ:** Old Barney Amateur Radio Club, N2OB. 1300Z-2200Z **Aug 7.** ARLHS Lighthouse #USA-039, IOTA NA-111, USI-NJ001S. 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. 1600Z **Aug 6-2100Z 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. 1300Z **Aug 6-0200Z 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. 1800Z **Aug 6-2200Z 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](http://www.aviationky.org).

**Ancona, Italy:** Associazione Radioamatori Italiani, IY6GM. 0600Z **Aug 6-2200Z Aug 10.** Centenary of experiments by Marconi Cappuccini Mount Ancona (ARLHS Lighthouse ITA104). 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. 1330Z-2130Z **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. 1300Z-1900Z **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@arri.net](mailto:kb9rds@arri.net).

**Thompson, OH:** Geauga Amateur Radio Association, N8T. 1300Z-2200Z **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. 1400Z-1900Z **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](http://www.westriverradio.net).

**Alexandria, VA:** Mount Vernon Amateur Radio Club, K4CG. 1300Z-2400Z **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](http://www.mvarc.org).

**Mathews County, VA:** Middle Peninsula Amateur Radio Club, N4P. 1300Z **Aug 7-1800Z 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](http://www.qsl.net/mparc).

**St Augustine, FL:** St Augustine Amateur Radio Society, N4AUG. 1400Z **Aug 7-2200Z 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](http://www.saars.net)

**Zoar, OH:** Tuscarawas Amateur Radio Club, W8ZX. 1400-2100Z 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](http://www.zca.org).

**East Tawas, MI:** Hazel Park ARC, K8S. 0000Z **Aug 7-0000Z 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. 1600Z **Aug 7-0400Z 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](http://www.alconaradio.org).

**Sycamore, IL:** Northern Illinois Steam Power Amateur Radio Operator's, W9S. 1300Z **Aug 10-2300Z 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](http://www.w9icu.com)

**Rush Springs, OK:** FAA Aeronautical Center ARC, W5F. 1400Z-2200Z **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](http://www.w5paa.org).

**West Union, OH:** DeForest Amateur Radio Club, W8S. 1400Z-1900Z **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](http://www.qsl.net/ohio-covered-bridges).

**Hagerstown, MD:** Antietam Radio Association, W3CWC. 1600Z-1930Z **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](http://www.w3cwc.org).

**Russellville, OH:** Grant Amateur Radio Club, W8B. 1500Z **Aug 14-2000Z Aug 15.** Ohio Covered Bridges-Brown County. 14.275 possibly 15/40 m gen bands. QSL. Carolyn Donner, PO Box 158, Hamersville, OH 45130. [www.geocities.com/garcobio](http://www.geocities.com/garcobio)

**Boxborough, MA:** FEMARA, K1A. 0000Z **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](http://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/](http://www.qsl.net/ohio-covered-bridges/). [Work 6 bridges for certificate.]

**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.