STARS TO SHINE AT BURGER FEST

http://www.hamburgburgerfest.com/Home_Page.php

The hamburger was invented in Hamburg to fill in for sold out pork sausage products at the Erie County Fair. To commemorate that wonderful invention, Burger Fest has been held in Hamburg since 1985. This year, on July 18th, **STARS** will operate a booth at the event. The public will see how useful amateur radio is today.

Members who can help at the event should notify **STARS** officers of their availability.

CLUB OFFICERS

President	Ken Pokigo, KC2AYK
Vice President	Scott Barto, KB2KOL
Secretary	Mettieirene Wagner, KD2DFQ
Financial Sec'y	Judy Levan, N2TEZ
Treasurer	John Leitten, KA2RFT
Director (1 yr.)	Jon Hall, KC2QKB
Director (2 yr.)	Conrad Barrick, KC2WRY

Clubhouse Chair	Pat Groom, KC2VWG
Telstar Editor	Tomm Dean, KA2NXY
Webmaster	Don Niles, K2PMC

BLUE AND UNDERLINED

When you see something in *Telstar* in blue letters and underlined, that means it is an Internet link. Hold the "Control" key and click on the link to open.

Try it! ⟹ sample link (control + click)

MEETING & FIELD DAY

Yes, the fourth full weekend of June has passed. That was the time for the **ARRL** sponsored Field Day, where amateurs were encouraged to work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions.

This month's meeting will take place at the scene of the activity last weekend., the Nike Base Clubhouse Station, 2982 Lakeview Road, Hamburg, NY.

A summary and review of the 2015 Field Day activities and highlights will be presented. Hear from the amateurs who worked transmitters at the WB2ELW **STARS** station.

WE GOOFED

Bill Wirth, WA2RPF; and **Tom Kocialski, KC2CAG** brought to our attention that last month's table of 70 centimeter repeaters in Western New York listed the 2 meter repeaters. A Special Edition with the correct items was sent to members.

We take pried in getting things rite. If ewe sea sum thing that is knot correct, lettuce no at:

wb2elw@verizon.net

STARS MEETINGS

STARS meetings are usually at 7:00 PM on the first Thursday of each month, at the Hamburg Memorial Youth Center.

However, this month's meeting will be on **July 2nd**, at 7:00 PM, at the **Nike Base Radio Clubhouse**, just west of the Hamburg Town Arena, 2982 Lakeview Road, Hamburg.

All are welcome,

The **STARS** board usually meets at 7:00 PM on the fourth Thursday of each month at the Nike Base Radio Clubhouse.

This month, the Board will meet at 7:00 PM on **July 23rd**, at the Nike Base Radio Clubhouse.

All members are welcome to attend.

CLUB NETS

Tuesdays	7:30 PM	147.09 MHz (repeater)
		(Input 147.69 MHz, CTCSS 88.5 for Hamburg or 107.2 for Colden)
Saturdays	10:00 AM	3.925 MHz +/- QRM

HAMFESTS

7/11   NW PA Hamfest

Location: Greene Township Municipal Building
                   9333 Tate Road
                   Erie, PA 16501

Sponsor: Wattsburg Wireless Association

Website: http://www.wattsburg-wireless.us/Hamfest_2.htm

7/18   Batavia Hamfest

Location: Alexander Fire Department Facility
                   10708 Alexander Road (Route 98)
                   Alexander, NY 14005

Sponsor: Lancaster Amateur Radio Club

Website: http://w2so.org

8/15   KLARA Hamfest

Location: Howard Community Building
                   7481 Hopkins Road
                   Howard, NY

Sponsor: Keuka Lake Amateur Radio Association

Website: http://www.klara.us/

(control + click on name for full information)

RADIO GEAR FOR SALE

⇒ **Kenwood TS2000 HF/VHF/UHF (mint condition)**

⇒ **Cushcraft 2-M 13B2 antenna**

⇒ **Cushcraft 432 17B2 antenna**

All Very Good Condition+, and on the air!

Asking $1300 net total for all 3 items; Firm

Contact Shane, WB2WPM

Phone: (716) 867-9008

Email: wb2wpm@arrl.net

HELP NEEDED

Two recent attendees at **STARS** training classes would like to get an antenna installed on their home in Clarence Center.

However, a recent injury is preventing them from using a ladder to their roof.

They are asking for help from other amateurs to install an appropriate antenna. They are willing to pay for the work done.

If you can help these amateurs, please contact them.

Bob and Jeanne Davis (KD2BZZ & KD2CAH) at

treatinc@gmail.com

STARS 2015 GOALS

Upgrade WB2ELW website	🟢
Install an IRLP node	🟢
Implement UHF repeater	🟢
Install a satellite antenna	🔴
Complete N1MM linking	🟢
Rebuild antenna interface box	🟢
Offer several monthly programs	🟡
Conduct a "Homebrew Build Project"	🔴
Participate in Field Day	🟢
Participate in the NYS QSO Contest	🟡
Participate in additional contests	🟡
Conduct 1 major fundraiser	🟡
Participate in Hamburg's Burgerfest	🟢

FIELD DAY 2015

DON NILES, K2PMC

PAT GROOM, KC2VWG

KEN POKIGO, KC2AYK

SCOTT BARTO, KB2KOL

PHOTOS ON THIS PAGE PROVIDED BY

RANDY SCHUELER, KA2RFW

FROM L TO R; KEN POKIGO, KC2AYK; SCOTT BAR-TO, KB2KOL; PAUL BLACHOWSKI, WA2DII; JON HALL, KC2QKB; DON NILES, K2PMC; AND PATRICK GROOM, KC2VWG.

AMATEUR RADIO AND THE RIDE FOR ROSWELL

by Tomm Dean, KA2NXY

The "Ride for Roswell" is an annual bike-a-thon held by the Roswell Park Cancer Institute. Reportedly, it is one of the largest such events in the country, with over 8,000 riders on 10 routes of differing lengths.

With so many riders, who may require medical, relief or repair services, prompt and accurate communications is a necessity. With that in mind, Roswell utilizes the volunteer services of the Erie County ARES/RACES team. Over sixty amateur radio operators volunteered for this event. That number is remarkable, considering the built-in conflict for amateurs; the Ride is always on the same weekend as Field Day.

I am one of those volunteer amateur radio operators. Assignments are made several weeks in advance. This allows us to study the routes, and make sure our amateur gear is in proper working order. I was assigned the "sweep" position on the 65 mile route, with the identifier of "Sweep 65".

Sweep units follow the last riders to make sure no rider is left behind on the course. If a rider stops or breaks down, the Sweep unit will find them, and stay with them until other assistance is called/arrives.

I did my homework, and found the 65 mile route would begin at SUNY Amherst, extending eastbound to the area of the Tonawanda Indian Reservation, and then returning to the SUNY Amherst campus. I studied the maps to become more familiar with the area.

Another preparation made for the assignment was the purchase of a new Yaesu FTM-400DR mobile radio. The unit included a built-in GPS, as well as an APRS tracker. The combination unit would preclude the need for a separate "Tiny Tracker" for indicating my position to the Operations Center. The eight possible operations frequencies were entered into the radio.

Since my reporting time was 6:15 AM, I planned to rise at 4:00 AM. However, severe weather was being predicted for the event. It turned out that the 102

and 65 mile routes were cancelled, with riders invited to join one of the other eight routes.

On the morning of the event, I activated my APRS and headed for the staging point, at the Amherst Police building at Dodge Road and Audubon Parkway. As I came to my exit off Interstate 990, I found that police were in the process of closing off the exit. I had to find an alternate way in.

Upon arrival I checked into staging. I was given an event tee shirt, wrapped in paper with my call sign. Staging confirmed that the 65 mile route was cancelled. I was assigned to provide communications for one of the Roswell officials assigned to the Canadian route, a 45 mile stretch.

We were told to select a truck from a row of nearly a dozen pick-ups. I was told to load my amateur radio equipment into the truck. The official chose a Ford. However, when I began loading my amateur gear, I found that the magnet-mount antenna would not stick to the roof. We discovered that the truck body was made of aluminum.

The official returned the truck and selected a Chevy. It was made of steel, and the magnet-mount stuck. I connected the radio, and used a suction cup mount to attach the control panel to the windshield. It worked!

I was told that our tactical ID would be "Canadian Border". I programmed that ID into the radio, so it would be visible whenever the APRS sent a signal. My official told me we would be stationed at the border crossing. We then proceeded to the Rainbow Bridge plaza in Niagara Falls.

Shortly after 8 AM, the first riders came back to the USA. That information was given to operations. Thereafter, riders came across in batches of 50. I wondered why. Then I saw that the Niagara Falls Police were holding riders at the exit from the Rainbow

RIDE FOR ROSWELL

(Continued from page 5)

Bridge until a batch of 50 arrived. Then they would use their lights and sirens to escort the group across the busy vehicle thoroughfare.

A light rain began at about 10 AM. This information was give to Operations.

At a certain point we were told the last riders were at the bridge exit. We changed our role from that of a stationary checkpoint to that of the sweep unit for the Canadian route. We followed the last riders through Niagara Falls and onto the Robert Moses Parkway.

Along the parkway, riders were on a foot path. At times, it was difficult to see where the last riders were. Occasionally, we would loop back on the parkway to confirm the position of the final bikers.

From that foot path, we came across our first disabled rider. We put the bike and rider in the truck and continued to the "water intake" for the power facilities. There, two more riders needing assistance were found. Again, they were loaded into the truck. Rider numbers were relayed to Operations. We continued on to the next rest stop at LaSalle City Park.

At the park, riders were transferred to a "sag" vehicle, which would bring them back to the starting point at the SUNY Amherst campus. We continued our sweep function.

As we travelled, the official, Kevin, would ask me to stop at stationary volunteers along the route. He would tell them the last riders had passed, dismiss them, and thank them for their service.

We also stopped at each rest stop. We would close them down and thank them for their service. Again, the information was given to Operations via radio.

We eventually crossed the bridge from North Tonawanda into Tonawanda. At that point, the Canadian route merged with other routes. Our sweep function was over. We became a "sag" vehicle.

Along our travels, we picked up another disabled rider. As we continued, Operations called us and told us of a rider stopped at East Niagara Street and Fillmore Avenue. We were told she was under the bridge, to avoid the rain. We found her and loaded her bike to the rear. She took a seat in the crew cab.

We continued on, dismissing volunteers and rest stops as necessary. Of course, Operations was advised.

We eventually reached the campus. Traffic was heavy, and it took some time to reach the point where we could discharge our passengers. After delivering them, we returned to "staging".

We notified Operations that we were at staging. Operations told us our mission was completed and that we were released.

The radio equipment was removed from the truck and remounted in my vehicle. I then returned to staging to mingle with the other amateurs.

The official I was with was great! We hit it off from the beginning. His first name was Kevin. What I didn't know until later in our activities, was that he was the Roswell manager for the Canadian route. He knew his stuff, including the neighborhoods and routes.

I must say, the amateur on our frequency, **John Morrow, KC2TXV**, was excellent. He kept a calm radio environment and handled all tasks in an efficient and proper manner. Also, his "fill-in", **Shane Brady, WB2WPM**, continued the professional performance.

APRS

APRS, once known as Automatic Position Reporting System, is now known as Automatic Packet Reporting System. Mostly known for showing a station's position on a map, the system can also transmit packets with information.

To show locations, there must be a GPS (ground positioning system) accessory. The map below shows the trail of a station (KA2NXY-9) over the course of the "Ride for Roswell" event held on Saturday, 6/27/15.

The trail in the map below shows the chronological connection of all transmitted positions by a particular station. In this case, the trail began in Blasdell, and ended when the equipment was powered off at SUNY.

These maps can be seen at this web site:

http://aprs.fi .

On those maps, you can click on each received position (shown as a red square) on the trail. Doing so will reveal information about the transmitting station, including direction of movement and speed.
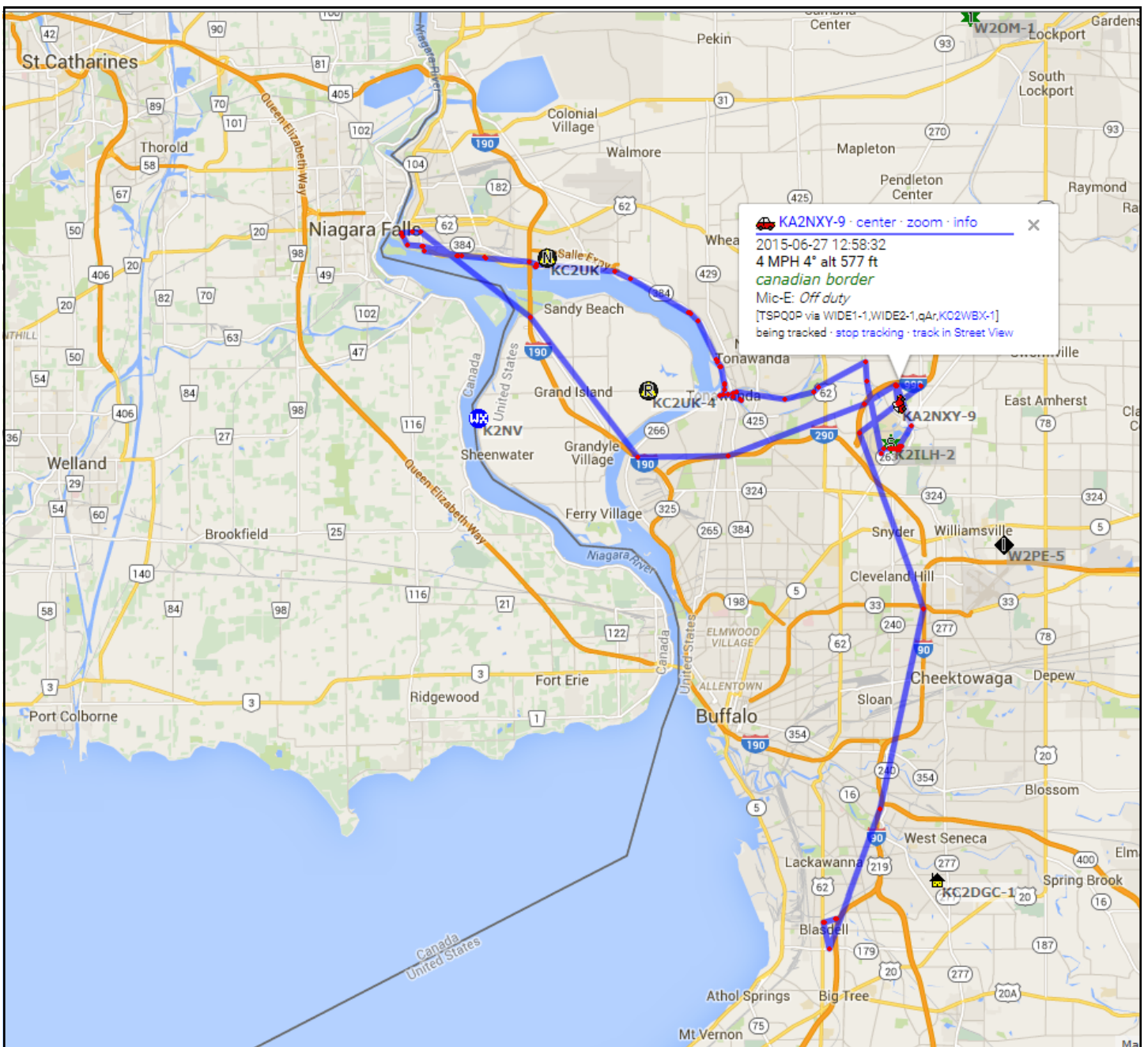
AREA EXAM SITES

07/04/2015   Jamestown   🚫$

Sponsor: CARSC
Location: Prendergast Library
                  509 Cherry Street 2nd fl conf rm
Time: 2:00 PM (Walk-ins allowed)

07/08/2015   Niagara Falls

Sponsor: Niagara Radio Club, Inc.
Location: Venture Forthe, Inc.
                  3900 Packard Road
Time: 6:30 PM (Walk-ins allowed)

07/08/2015   Canandaigua   🚫$

Sponsor: SQUAW Island ARC
Location: Ontario Co. Safety Training Facility
                  2914 County Road 48
Time: 6:30 PM (Walk-ins allowed)

07/11/2015   Erie PA

Sponsor: Wattsburg Wireless Association
Location: Greene Twnshp Mun Bldg Rm 114
                  9333 Tate Road
                  (use district justice entrance)
Time: 9:00 AM (Walk-ins allowed)

07/18/2015   Alexander

Sponsor   Lancaster ARC
Location: Batavia Hamfest
                  @ Alexander Firemen Grounds
                  10708 Alexander Road
Time: 8:30 AM (Walk-ins allowed)

07/18/2015   Hamburg

Sponsor: STARS
Location: Hamburg Youth Center
                  200 Prospect Avenue
Time: 9:00 AM (Walk-ins allowed)

- -

          🚫$:   (no fee charged)

07/18/2015   Erie PA

Sponsor: Wattsburg Wireless Association
Location: Greene Twnshp Mun Bldg Rm 114
                  9333 Tate Road
                  (use district justice entrance)
Time: 9:00 AM (Walk-ins allowed)

(control-click on City for more info)

NEW GENERAL EXAMS

Have you been studying for your amateur general license? After several months are you confident that you know every question that could possibly be on the exam? Is your photographic memory near its spilling point?

Surprise! A new pool of questions for the general exams are now in effect. They went into service a few hours ago.

You can see the new question pool at:

http://ncvec.org/page.php?id=364

TESTING NEEDS

- Legal photo ID (a driver's license is excellent!)

- Current license and/or CSCE documents, if any, and a non-returnable photocopy of each

- Federal Registration Number (FRN); if none, then Social Security Number (SSN)

- $15 in cash, check or money order

- Two #2 pencils with erasers, and a pen

- Calculators are permitted as long as any programming has been cleared.

(more info)

CONTEST CALENDAR

Start and Finish	Contest Title	Sponsor's Website
Wed 1300Z – See web	CWOps Weekly Mini-CWT Tests	www.cwops.org/cwt.html
Fridays 0100Z - 0230Z	QRP Fox Hunt	http://www.qrpfoxhunt.org/summer_rules.htm
Fridays, 0145Z - 0215Z	NS Weekly RTTY Sprint	www.ncccsprint.com
Fridays, 0230Z - 0300Z	NS Weekly Sprint	www.ncccsprint.com
Jul 1, 0000Z - Jul 1, 2359Z	RAC Canada Day Contest	www.rac.ca/en/rac/programmes/contests
Jul 2, 1700Z - Jul 2, 2100Z	NRAU 10m Activity Contest	www.nrau.net/activity-contests
Jul 4, 0000Z - Jul 5, 2359Z	Venezuelan Ind. Day Contest	http://yv5rcv.org/reglasindep.aspx
Jul 4, 1100Z - Jul 5, 1059Z	DL-DX RTTY Contest	www.drcg.de/index.php/en/dl-dx-rtty-contest
Jul 4, 1400Z - Jul 5, 1400Z	Marconi Memorial HF Contest	www.arifano.it/contest_marconi.html
Jul 4, 1500Z - Jul 5, 1500Z	Original QRP Contest	www.qrpcc.de/contestrules/oqrpr.html
Jul 4, 1700Z - Jul 4, 2100Z	FISTS Summer Slow Speed Sprint	http://fistsna.org/operating.html#sprints
Jul 4, 2400Z - Jul 5, 0600Z	PODXS 070 Club 40m Firecracker Sprint	www.podxs070.com/o7o-club-sponsored-contests
Jul 5, 1000Z - Jul 5, 1400Z	WAB 144 MHz Low Power Phone	http://wab.intermip.net/Contests.php
Jul 5, 1100Z - Jul 5, 1700Z	DARC 10-Meter Digital Contest	www.darc.de/referate/ukw-funksport/corona
Jul 5, 2000Z - Jul 5, 2359Z	QRP ARCI Summer Homebrew Sprint	www.qrparci.org
Jul 6, 1900Z - Jul 6, 2030Z	RSGB 80m Club Championship, CW	www.rsgbcc.org/hf/rules/2015/r80mcc.shtml
Jul 7, 0100Z - Jul 7, 0300Z	ARS Spartan Sprint	www.arsqrp.blogspot.com
Jul 11, 0000Z - Jul 11, 0400Z	FISTS Summer Sprint	www.fistsna.org/operating.html#sprints
Jul 11, 1200Z - Jul 12, 1200Z	IARU HF World Championship	www.arrl.org/iaru-hf-championship
Jul 11, 1200Z - Jul 12, 2400Z	SKCC Weekend Sprintathon	www.skccgroup.com
Jul 12, 2000Z - Jul 12, 2159Z	CQC Great Colorado Gold Rush	www.cqc.org/contests/gold2015.htm
Jul 15, 1900Z - Jul 15, 2030Z	RSGB 80m Club Championship, SSB	www.rsgbcc.org/hf/rules/2015/r80mcc.shtml
Jul 16, 0030Z - Jul 16, 0230Z	NAQCC CW Sprint	http://naqcc.info/sprint201507.html
Jul 18, 0800Z - Jul 18, 1400Z	Trans-Tasman Low-Bands Challenge	www.vkcc.com/australian-vk-contests
Jul 18, 1200Z - Jul 19, 1200Z	DMC RTTY Contest	http://digital-modes-club.org/index.php/en/contests-en
Jul 18, 1600Z - Jul 18, 1759Z	Feld Hell Sprint	https://sites.google.com/site/feldhellclub/Home/contests/sprint-rules
Jul 18, 1800Z - Jul 19, 0559Z	North American QSO Party, RTTY	www.ncjweb.com/NAQP-Rules.pdf
Jul 18, 1800Z - Jul 19, 2100Z	CQ Worldwide VHF Contest	www.cqww-vhf.com
Jul 19, 0900Z - Jul 19, 1200Z & Jul 19, 1300Z - Jul 19, 1600Z	RSGB Low Power Contest	www.rsgbcc.org/hf/rules/2015/rqrp.shtml
Jul 20, 0100Z - Jul 20, 0300Z	Run for the Bacon QRP Contest	http://fpqrp.org/pigrun
Jul 22, 0000Z - Jul 22, 0200Z	SKCC Sprint	www.skccgroup.com
Jul 23, 1900Z - Jul 23, 2030Z	RSGB 80m Club Championship, Data	www.rsgbcc.org/hf/rules/2015/r80mcc.shtml
Jul 25, 1200Z, - Jul 26, 1200Z	RSGB IOTA Contest	www.rsgbcc.org/hf/rules/2015/riota.shtml
Jul 25, 1400Z - Jul 25, 2400Z & Jul 26, 1400Z - Jul 26, 2400Z	County Hunters CW Contest	www.countyhunter.com
Jul 26, 1700Z - Jul 26, 2100Z	ARS Flight of the Bumblebees	www.arsqrp.blogspot.com

(control +click to activate a link)

For more information on contests: http://www.arrl.org/contest-calendar

SPECIAL EVENT STATIONS

Full information at: http://www.arrl.org/special-event-stations

6/30 - 7/7	W1G	152nd Anniversary of the Battle of Hanover and Gettysburg
6/30 - 7/1	N7GMH	Granite Mountain Hotshots Memorial
7/01 - 7/5	K4F	44th Annual Smithville Fiddlers Jamboree & Craft Festival
7/01 - 7/28	PA15TOUR	Grand Depart "Le Tour de France" 2015
7/04 -	W9EFU	2015 Madison Regatta Special Event Station
7/04 -	K4RC	Colonial Williamsburg July 4th Special Event Station
7/04 -	W3LRC	Fourth of July Celebration
7/04 - 7/11	K8N	Grid square EN67al activation from the summit of Brockway Mountain, Keweenaw County Michigan
7/04 -	WE7GV	HAPPY BIRTHDAY AMERICA
7/04 -	W7PX	Historic Fort Missoula Independence Day Celebration
7/04 - 7/5	W0NOZ	Laura Ingalls Wilder Pageant
7/05 - 7/11	N2M	Carranza Memorial
7/05 - 7/13	W3R	Whiskey Rebellion Festival Washington, Pennsylvania
7/11 -	W9L	Ashland Harbor Breakwater Light Centennial Celebration, Ashland, WI
7/11 -	KD8MQ	Commemorating Alliance, OH as the home of Taylorcraft Aviation
7/11 - 7/12	N2B	Great River Shakespeare Festival
7/11 -	W5I	Red River Bridge War Special Event Station
7/11 -	NI6IW	USS Midway Museum Ship Independence Day Special Event
7/13 - 7/19	K4C	Corvette Homecoming
7/15 - 7/17	K4R	Royal Rangers 2015 Camp-o-Rama
7/16 - 7/18	K0MIK	OMIK 63rd Anniversary Convention
7/16 - 7/30	N5SWE	Western Country Cousin net 51st Anniversary
7/17 - 7/26	W7AC	60th Anniversary of the Willamette Valley DX Club
7/18 - 7/25	W0R	Registers Annual Great Bicycle Ride Across Iowa
7/19 - 7/20	W0WIT	Winnebago-Itasca Travelers Grand National Rally
7/20 -	K2CAM	Apollo 11 Moon Landing
7/20 - 7/26	W9IMS	Brickyard 400 Special Event
7/20 - 7/25	W9W	EAA Warbirds AirVenture
7/22 – 7/26	W9ZL	EAA Airventure 2015
7/24 – 7/25	N5M	Ham Holiday 2015
7/24 – 7/25	W9A	Swiss Days
7/25 – 7/27	N8M	2015 Detroit Maker Faire
7/25 – 7/29	N9D	SS Andrea Doria Sinking

USEFUL INTERNET LINKS

(control + click to use link)

ARRL MAIN SITE: http://www.arrl.org/home

ARRL ATLANTIC DIV.:   http://www.atldiv.org

CONTESTS: http://www.arrl.org/contest-calendar

http://www.hornucopia.com/contestcal/perpetualcal.php

HAMFESTS: http://www.arrl.org/hamfests-and-conventions-calendar

STARS REFLECTOR: http://groups.yahoo.com/group/STARS-WB2ELW/

STARS WEBSITE: http://www.wb2elw.net

TELSTAR EDITOR: wb2elw@verizon.net