

## STARS ANNUAL PICNIC THIS WEEK

In keeping with tradition, the annual **STARS** picnic will take place at the Nike Base Clubhouse on Thursday, August 6<sup>th</sup>, at 7 PM. There will be a short business meeting prior to official dining and socializing activities.

As usual, primary items, such as hamburgers, hot dogs, rolls and soft drinks will be provided. Members are asked to bring a dish to share. Popular dishes brought in previous years included salads, such as macaroni salad, potato salad, lettuce salad, and bean salad. Also popular have been different style baked bean dishes and casseroles. Or, if you prefer the fun foods,

desserts, such as pies, cakes, cupcakes, cookies, and gelatin dishes are also welcome.

Members are encouraged to bring family members or a friend. It's also recommended that you bring lawn chairs or other seating devices..

The International Space Station will fly over at 9:00 PM.



# 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, KC2WRV
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Clubhouse Chair	Pat Groom, KC2VWG
Telstar Editor	Tom Dean, KA2NXY
Webmaster	Don Niles, K2PMC

# YOU GOOFED

What - are we chopped liver??

Despite the production of ten pages worth of newsletter for the July issue, no one brought any of the errors to our attention. Does anyone read this?

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

[wb2elw@verizon.net](mailto:wb2elw@verizon.net)

# 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 & PICNIC

Well, it's summertime. That means that the July and August meetings of **STARS** will take place at the Nike Base Clubhouse, 2982 Lakeview Road, Hamburg, NY.

However, for the August meeting, business issues will be kept to minimum, and **STARS** officers will challenge the record for the shortest meeting time ever.

Why??

It's PICNIC TIME! Whatever time usually spent on the meeting will be used for enjoyment of food, socializing with other members, viewing of the newly cleaned radio shack and meeting the local insect life as they try to distract/taste the humans.

Come out and enjoy the summer with other amateurs.

# 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 August 6<sup>th</sup>, 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 **August 27<sup>th</sup>**, 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

## 08/01 [Ithaca Hamfest 2015](#)

Location: Trumansburg Fair Grounds  
2150 Trumansburg Road  
Trumansburg, NY

Sponsor: Tompkins Co Amateur Radio Assn

Website: <http://tcara-ny.org/hamfest/>

## 08/08 [Rome Radio Club](#)

Location: Griffiss Institute  
725 Daedalian Drive  
Rome, NY

Sponsor: Rome Radio Club

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

## 8/15 [KLARA Hamfest](#)

Location: Howard Community Building  
7481 Hopkins Road  
Howard, NY

Sponsor: Keuka Lake Amateur Radio Association

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

## 08/16 [CARS 2<sup>nd</sup> Annual Hamfest](#)

Location: Lakewood Rod and Gun Club  
433 East Terrace Avenue  
Lakewood, NY

Sponsor: Chautauqua Amateur Radio Service

Website: <http://Chautauqua-ars.org>

## 08/23 [Cuyahoga Falls ARC's 7th Annual Tailgate Hamfest](#)

Location: Robert Pinn Armory  
4630 Allen Road  
Stow, OH

Sponsor: Cuyahoga Falls Amateur Radio Club

Website: <http://cfarc.org/tailgate2015.php>

(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](mailto:wb2wpm@arrl.net)

# ANTENNA AVAILABLE

A Force 12/C-4 beam antenna may be available at no charge. The only requirement is the ability to safely remove it from the roof of a **STARS** member.

If interested, contact Tomm Dean, KA2NXY at:  
[tommdean@verizon.net](mailto:tommdean@verizon.net).

# 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	●

# HIGH SCHOOL AMATEURS LAUNCH BALLOON

by Tomm Dean, KA2NXY

On July 2nd, an energetic crew of high school students in Olean culminated a project with the launch of a hydrogen filled balloon. The balloon carried a camera and an amateur radio with APRS capabilities. Part of a project entitled "**Marathon to the Sky**", their hope was to send the balloon around the world. This wasn't their first launch; information from an earlier launch provided information on how to improve their efforts.

The balloon was set up on the Olean Middle School athletic track. Present were school officials, an ambulance and the Olean Fire Department (remember, hydrogen was used instead of helium) as well as a crowd of interested persons. At 2 PM, team leader **Saad Mirza, KD2FZW**, gave the signal, and the balloon was released. Within ten minutes, the balloon was so small it could no longer be seen.

The tracking teams departed, hoping to retrieve the balloon and its equipment if it did not circle the globe. The primary tracking crews used Interstate 86. I didn't see the need to use a high speed roadway, so I took Route 417.

The APRS system worked well. Each beacon from the balloon would show up on my new Yaesu FTM400-DR radio, with direction, speed and altitude information from the balloon.

As I began my travel, I noticed the distance between the balloon and me was under 10 miles. Since I was moving at 35 to 40 miles per hour, I assumed I would soon catch up with the balloon. This did not happen. The distance separating my car and the balloon began to increase. That meant the balloon was moving faster than me.

When the separation distance rose over 50 miles, I decided to abandon the chase and head home. I began heading north to intercept Route 20A.

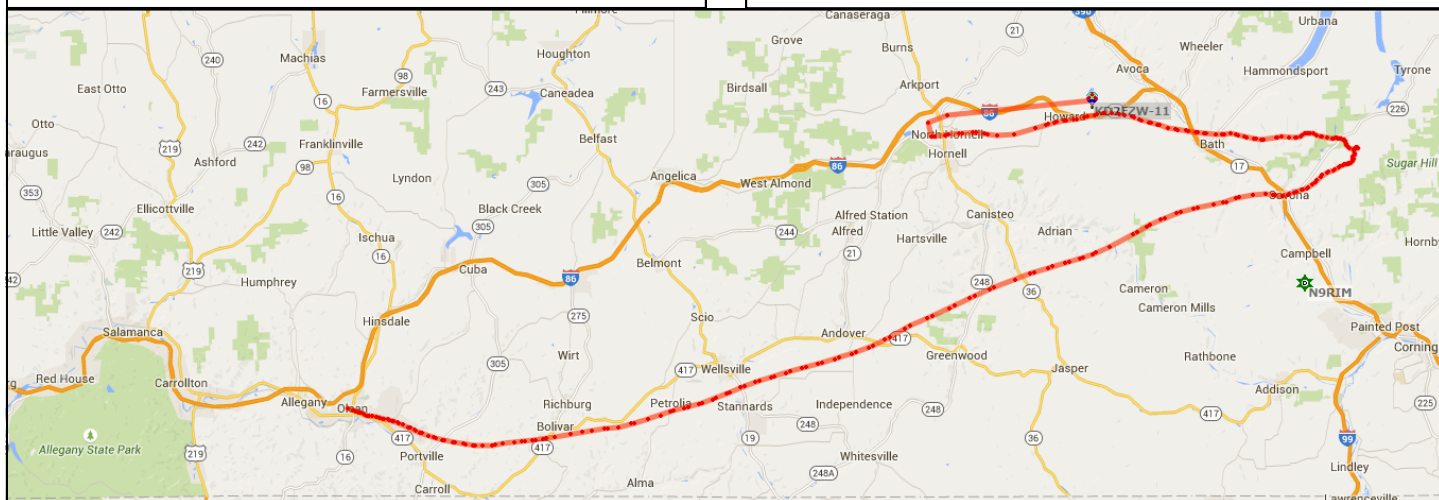
As I headed home, I noticed something strange. Even though I changed direction, the separation distance began shrinking. It did not make sense to me.

After reaching home, I went to the APRS site on my computer to see where the balloon went (see illustration below). I was surprised to learn that the unit reversed direction near the Steuben/Schuyler County line. A second reversal occurred over North Hornell.

It turned out that the first reversal from an easterly course to a westerly course occurred at an altitude of about 69,000 feet. The second reversal, back to an easterly path also occurred at the same altitude.

The trip brought the balloon to a maximum altitude of 115,000 feet (over 21 miles) over North Hornell. At

*(Continued on page 5)*



*(Continued from page 4)*

that point, the balloon burst, causing a rapid loss of altitude, with the last transmitted APRS beacon showing 39,105 feet. It was 5:34 PM.

The tracking teams began a 2 hour search for the balloon before finding it in the treetops between Howard and Avoca. While no beacons were received by the fixed APRS stations, the balloon continued to send signals. The mobile units in their travels were eventually able to receive signals, leading to the balloon's discovery. Some resourceful techniques were used to recover the balloon from treetops.

In summary, the balloon travelled about 115 miles, rose to an altitude of over 21 miles, and reached a speed of over 107 miles per hour at one point.

Amateur radio, especially the APRS feature, played a significant role in relaying information back to the project directors. Each beacon sent by the balloon is represented by a small red square on the APRS map.

You can control-click on any of them to see the speed, altitude, and other parameters. Use this link::

[Olean Balloon Flight Map](#)

A video of a preliminary balloon flight is here:

[Preliminary Balloon Flight Video](#)

Here's a link to the Olean Times Herald coverage:

[Olean Times Herald.Balloon](#)



**SAAD MIRZA, KD2FZW, AND BALLOON CREW**



BALLOON PHOTO TO THE NORTHWEST DIRECTION FROM THE SOUTHERN TIER, SHOWING LAKE ERIE & LAKE ONTARIO, WITH THE OUTLINE OF GRAND ISLAND VISIBLE ON THE LAND MASS BETWEEN THE LAKES. THE CURVATURE OF THE EARTH IS ALSO NOTICEABLE.

8<sup>th</sup> Annual

# K.L.A.R.A. Hamfest

**Contact Info:**Email: [KeukaLakeARA@gmail.com](mailto:KeukaLakeARA@gmail.com)Website: [www.klara.us](http://www.klara.us)

## August 15, 2015 - Howard, NY

Admission: \$5.00

One free flea market or inside table space per ticket.  
(i.e. - 3 tickets = 3 flea market or table spaces. Limit 5.)  
All spaces first come, first served. Bring your own tables.

Talk-In Frequency: 145.190 (-) PL 110.9

Great food - Hearty breakfast with never-ending coffee!

VE Testing\*\* - Check our website for details

KLARA club meetings 2<sup>nd</sup> Wednesday 7 p.m. Civil Defense Training Center, Rte 54, Bath. Weekly net Sunday 8:30 p.m. 145.190, 147.045, 137.33, 147.135 (PL 110.9)

*Hosted by:*

## Keuka Lake Amateur Radio Association

Send us your email address and we'll keep you informed of the latest Hamfest news and updates.

"Like" us on Facebook: Keuka Lake Amateur Radio Association (KLARA)

**Schedule of Events**

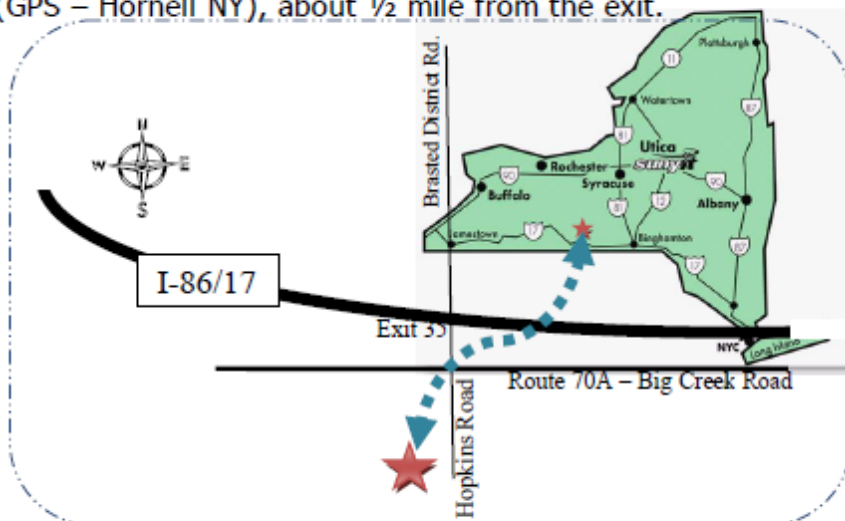
- 7:00 Vendor Admission
- 8:00 Open to the Public\*
- 8:00 Breakfast
- 10:30 VE Testing\*\*
- 12:00 Door Prize Drawing
- 1:00 Auction (see page 2)

*Friendliest  
Little Hamfest  
in the  
Southern Tier!*

Near to hotels/motels,  
supermarkets, and restaurants in  
Bath and Hornell, NY.

\*Vendor set-up and on-site overnight  
camping (no extra charge, no hookups)  
available Friday evening - must RSVP!  
(SEE CAMPING INFO ON PAGE TWO)

About 40 miles west of Corning, 70 miles south of Rochester, between Hornell & Bath. Just off I-86/17 at Exit 35 (easy-on, easy-off). Follow signs to the Howard Community Building, **7481 Hopkins Rd** (GPS - Hornell NY), about 1/2 mile from the exit.



## BURGERFEST SEES STARS

Many years ago, a quick-thinking manager of a sausage booth at the Erie County Fair substituted ground beef for his sandwiches when he ran out of sausage. The product was a huge success. It was given the name of "hamburger", out of deference to the town in which it was invented. The product took off and spread around the world.

To commemorate the development of the hamburger, Burgerfest has become an annual event on Main Street and Buffalo Street in Hamburg.

This year, **STARS** sponsored a booth at Burgerfest, to introduce the concept of amateur radio and its advantages to the population. The booth included

working amateur radios, as well as a laptop computer with an APRS display. Also present were documents and literature about amateur radio, as well as applications for membership.

Several **STARS** members took turns greeting visitors to the booth, providing information about amateur radio, as well as live demonstrations and actual QSOs.

Participating members seemed to have enjoyed the experience. The **STARS** booth was right across the street from the Hamburg High School Cheerleaders. Their booth was directly in front of Tina's Italian Kitchen on Main Street.

### STARS MEMBER JON HALL, KC2QKB, CONDUCTS AN AMATEUR RADIO CONVERSATION AT BURGERFEST



PHOTO BY KEN POKIGO, KC2AYK

## AREA EXAM SITES

08/01/2015

[Jamestown](#)

Sponsor: CARSC  
 Location: Prendergast Library  
 509 Cherry St 2nd fl conference room  
 Time: 2:00 PM (Walk-ins allowed)

08/12/2015

[Niagara Falls](#)

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

08/15/2015

[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)

08/18/2015

[Meadville PA](#)

Sponsor: Crawford ARS  
 Location: St Brigid Church Social Hall  
 383 Arch Street  
 Time: 6:30 PM (No walk-ins)

08/19/2015

[Lyons](#)



Sponsor: Drumlins ARC  
 Location: Wayne Co Office of Emergency Mgmt  
 7336 State Route 31  
 Time: 7:00 PM (Walk-ins allowed)

08/29/2015

[San Juan PR](#)

Sponsor: ARRL/VEC PR VE Team  
 Location: Interamerican University  
 METRO Campus-Room #500  
 Time: 8:00 AM (Walk-ins allowed)

(control-click on City for more info)



: (no fee charged)

## TESTING RESULTS

STARS held amateur radio license examinations on Saturday, July 18<sup>th</sup>.

Two candidates earned new credentials:

**Elizabeth Hittle**    **KD2JBO**    **Technician**

**Stephen Shepherd**    **KD2JBN**    **Technician**

The STARS VE team included

**Jim Starr, N2TFA;**

**Ed Jablonski, KC2YMN;**

**Conrad Barrick, KC2WRY;** and

**Thomas Dean, KA2NXY.**

## NEW GENERAL EXAMS

A new pool of questions for the general exams are now in effect. They went into service on July 1<sup>st</sup>.

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

Start and Finish	Contest Title	Sponsor's Website
Wed 0230Z - 0300Z	Phone Fray	<a href="http://www.perluma.com/Phone_Fray_Contest_Rules.pdf">www.perluma.com/Phone_Fray_Contest_Rules.pdf</a>
Wed 1300Z - See web	CWops Weekly Mini-CWT Tests	<a href="http://www.cwops.org/cwt.html">www.cwops.org/cwt.html</a>
Fridays 0100Z - 0230Z	QRP Fox Hunt	<a href="http://www.qrpfoxhunt.org/summer_rules.htm">http://www.qrpfoxhunt.org/summer_rules.htm</a>
Fridays, 0145Z - 0215Z	NS Weekly RTTY Sprint	<a href="http://www.ncccsprint.com">www.ncccsprint.com</a>
Fridays, 0230Z - 0300Z	NS Weekly Sprint	<a href="http://www.ncccsprint.com">www.ncccsprint.com</a>
Aug 1, 0001Z - Aug 2, 2359Z	Intl Lighthouse-Lightship Weekend	<a href="http://arlhs.com/llw-rules.html">http://arlhs.com/llw-rules.html</a>
Aug 1, 0000Z - Aug 1, 2359Z	TARA Grid Dip Shindig	<a href="http://www.n2ty.org">www.n2ty.org</a>
Aug 1, 0001Z - Aug 2, 2359Z	10-10 Intl Summer Contest, SSB,	<a href="http://www.ten-ten.org">www.ten-ten.org</a>
Aug 1, 1200Z - Aug 1, 2359Z	European HF Championship	<a href="http://lea.hamradio.si/scc">http://lea.hamradio.si/scc</a>
Aug 1, 1800Z - Aug 2, 1800Z	ARRL August UHF Contest	<a href="http://www.arrl.org/august-uhf">www.arrl.org/august-uhf</a>
Aug 1, 1800Z - Aug 2, 0559Z	North American QSO Party, CW	<a href="http://www.ncjweb.com/NAQP-Rules.pdf">www.ncjweb.com/NAQP-Rules.pdf</a>
Aug 2, 0700Z - Aug 2, 0830Z	RSGB RoPoCo CW	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
Aug 2, 1300Z - Aug 2, 1630Z	SARL HF Phone Contest	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
Aug 4, 0100Z - Aug 4, 0300Z	ARS Spartan Sprint	<a href="http://www.arsqrp.blogspot.com">www.arsqrp.blogspot.com</a>
Aug 5, 1300Z - Aug 6, 0400Z	CWops Mini-CWT Test	<a href="http://www.cwops.org/cwt.html">www.cwops.org/cwt.html</a>
Aug 6, 1700Z - Aug 6, 2100Z	NRAU 10 Meter Activity Contest	<a href="http://www.nrau.net/activity-contests">www.nrau.net/activity-contests</a>
Aug 7, 0145Z - Aug 7, 0215Z	NCCC RTTY Sprint	<a href="http://www.ncccsprint.com/rtty.html">www.ncccsprint.com/rtty.html</a>
Aug 7, 0230Z - Aug 7, 0300Z	NCCC Sprint Ladder	<a href="http://www.ncccsprint.com/rules.html">www.ncccsprint.com/rules.html</a>
Aug 8, 0000Z - Aug 9, 2359Z	WAE DX Contest, CW	<a href="http://darc.de/referate/dx/contest/waedc/en">http://darc.de/referate/dx/contest/waedc/en</a>
Aug 8, 1200Z - Aug 9, 2359Z	SKCC Weekend Sprintathon	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
Aug 8, 1600Z - Aug 9, 2359Z	Maryland-DC QSO Party	<a href="http://mdcqsoparty.w3vpr.org">http://mdcqsoparty.w3vpr.org</a>
Aug 8, 2300Z - Aug 9, 0300Z	50 MHz Fall Sprint	<a href="http://svhfs.org">http://svhfs.org</a>
Aug 12, 0030Z - Aug 12, 0230Z	NAQCC CW Sprint	<a href="http://naqcc.info/sprint201508.html">http://naqcc.info/sprint201508.html</a>
Aug 12, 0400Z - Aug 14, 0359Z	MMMonVHF Meteorscatter Sprint	<a href="http://www.mmonvhf.de/ctestinfo.php">www.mmonvhf.de/ctestinfo.php</a>
Aug 12, 1300Z - Aug 13, 0400Z	CWops Mini-CWT Test	<a href="http://www.cwops.org/cwt.html">www.cwops.org/cwt.html</a>
Aug 12, 1900Z - Aug 12, 2000Z	RSGB 80 Meter Club Sprint, CW	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
Aug 15, 0000Z - Aug 16, 1600Z	SARTG WW RTTY Contest	<a href="http://www.sartg.com">www.sartg.com</a>
Aug 15, 0600Z - Aug 16, 2359Z	ARRL 10 GHz and Up Contest	<a href="http://www.arrl.org/10-ghz-up">www.arrl.org/10-ghz-up</a>
Aug 15, 0800Z - Aug 16, 0800Z	Russian District Award Contest	<a href="http://rdaward.org/rdac1.htm">http://rdaward.org/rdac1.htm</a>
Aug 15, 1200Z - Aug 16, 1200Z	Keyman's Club of Japan Contest	<a href="http://www.kcj-cw.com">www.kcj-cw.com</a>
Aug 15, 1800Z - Aug 16, 0559Z	North American QSO Party, SSB	<a href="http://www.ncjweb.com/NAQP-Rules.pdf">www.ncjweb.com/NAQP-Rules.pdf</a>
Aug 15, 2000Z - Aug 15, 2159Z	Feld Hell Sprint	<a href="http://sites.google.com/site/feldhellclub">http://sites.google.com/site/feldhellclub</a>
Aug 15, 2100Z - Aug 16, 2100Z	CVA DX Contest, CW	<a href="http://www.craec.org">www.craec.org</a>
Aug 16, 1300Z - Aug 16, 1630Z	SARL HF Digital Contest	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
Aug 16, 1800Z - Aug 16, 2359Z	ARRL Rookie Roundup, RTTY	<a href="http://www.arrl.org/rookie-roundup">www.arrl.org/rookie-roundup</a>
Aug 17, 0100Z - Aug 17, 0300Z	Run for the Bacon QRP Contest	<a href="http://fpqrp.org/pigrun">http://fpqrp.org/pigrun</a>
Aug 19, 1300Z - Aug 20, 0400Z	CWops Mini-CWT Test	<a href="http://www.cwops.org/cwt.html">www.cwops.org/cwt.html</a>
Aug 22, 0400Z - Aug 24, 0400Z	Hawaii QSO Party	<a href="http://www.hiqsoparty.org">www.hiqsoparty.org</a>
Aug 22, 1600Z - Aug 23, 0400Z	Ohio QSO Party	<a href="http://www.ohqp.org/adminRules.htm">www.ohqp.org/adminRules.htm</a>
Aug 22, 2100Z - Aug 23, 2100Z	CVA DX Contest, SSB	<a href="http://www.craec.org">www.craec.org</a>
Aug 26, 0000Z - Aug 26, 0200Z	SKCC Sprint	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
Aug 26, 1300Z - Aug 27, 0400Z	CWops Mini-CWT Test	<a href="http://www.cwops.org/cwt.html">www.cwops.org/cwt.html</a>
Aug 27, 1900Z - Aug 27, 2000Z	RSGB 80 Meter Club Sprint, SSB	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
Aug 29, 0000Z - Aug 29, 2359Z	Feld Hell Sprint	<a href="https://sites.google.com/site/feldhellclub/Home/">https://sites.google.com/site/feldhellclub/Home/</a>
Aug 29, 0400Z - Aug 30, 1359Z	ALARA Contest	<a href="http://www.alara.org.au/contests">www.alara.org.au/contests</a>
Aug 29, 1200Z - Aug 30, 0259Z	WVE Islands QSO Party	<a href="http://www.usislands.org">www.usislands.org</a>
Aug 29, 1200Z - Aug 30, 1159Z	SCC RTTY Championship	<a href="http://lea.hamradio.si/scc">http://lea.hamradio.si/scc</a>
Aug 29, 1200Z - Aug 30, 1200Z	YO DX HF Contest	<a href="http://www.yodx.ro/en/english">www.yodx.ro/en/english</a>
Aug 29, 1400Z - Aug 30, 2000Z	Kansas QSO Party	<a href="http://www.ksqsoparty.org">www.ksqsoparty.org</a>
Aug 30, 0000Z - Aug 30, 0400Z	North American SSB Sprint Contest	<a href="http://ssbsprint.com/rules/">http://ssbsprint.com/rules/</a>
Aug 30, 1300Z - Aug 30, 1630Z	SARL HF CW Contest	<a href="http://www.sarl.org.za">www.sarl.org.za</a>



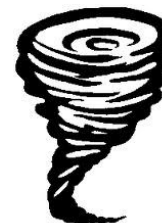
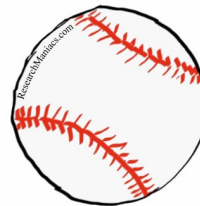
(control +click to activate a link)

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

# SPECIAL EVENT STATIONS

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

7/20 - 8/10	PA12HJ	12th Haarlem Jamborette
7/30 - 8/2	W9H	40th Anniversary of Hoffa Disappearance
8/01	W0W	Baseball Around the Clock
8/01 - 8/3	K1CG & K4US	Coast Guard Birthday
8/02	W8C	37th Annual Mahoning Valley Olde Car Club Show
8/03 - 8/9	W9IMS	Indianapolis MotoGP Special Event
8/03 - 8/7	K2BSA/8	National Order of the Arrow Conference (NOAC) 2015
8/07 - 8/9	K5B	Billy The Kid Pageant/Old Lincoln Days
8/07 - 8/24	W9ISF	Indiana State Fair
8/07 - 8/16	N1N	Lightship Nantucket Beacon Re-Lighting and Lighthouse/Lightship Weekend 2015
8/08	W1NAS & K1USN	Anniversary of the Flight of the Blimp "Snow Goose" to the Arctic Circle
8/08 - 8/9	W3C	Civilian Conservation Corps (CCC) On-the-Air (including W4K, W5KS, & KG8JK)
8/08 - 9/4	GB2VJ	Commemorating the 70th anniversary of VJ day in Europe and USA
8/08	K9EAM	Grassy Island Range Lighthouses
8/08	NI6IW	USS Midway Museum Ship USCG Birthday and Purple Heart Day Special Event
8/08	N1S	"Operation Northwest Passage" USS NAUTILUS SSN 571
8/09	WE7GV	Titan Missile Museum Moonlight Madness
8/14 - 8/16	N7C	Navajo Code Talkers Day
8/15 - 8/16	W7ORC	82nd Annual Omak Stampede and World Famous Suicide Race
8/15	WA0COL	Andrew Jackson Higgins Memorial at Columbus Days
8/15	W8LKY	Commemorating Alliance, OH as the home of Ohio's State flower; the Scarlet Carnation.
8/15 - 8/16	W5BMC & W2HAL	International Lighthouse & Lightship Weekend
8/15	KC1TAC	BBQSO, Celebration of Life of NI1X
8/15 - 8/23	W3M	Meadowcroft 16,000-year-old Rockshelter
8/15 - 8/16	N6P	Point Reyes Lighthouse Activation
8/15	W8R	Raven Hill Discovery Center 25th Anniversary
8/19 - 8/24	CZ2F	50th Anniversary of the Canadian Maple Leaf Flag
8/21 - 8/22	W3MUM	100th Anniversary of the 1915 Hanover, PA, Tornado
8/21 - 8/29	N9Q	73rd Anniversary of the Cubical Quad Antenna
8/21 - 8/22	W0DBQ	RMS Titanic Exhibition at the National Mississippi River Museum
8/22	WE7GV	Tucson Arizona's 240th Birthday
8/22	K4C	35th Annual Cedars of Lebanon Hamfest
8/22	W7SVD	National Park Service Birthday
8/26 - 9/02	K5H+ others	Hurricane Katrina 10th Anniversary Week-Long Special Event:
8/27 - 8/30	N5V	Clovis Music Festival Special Event Station.
8/29	W7T	100th Anniversary of Teton County, Idaho
8/29	K4C	125th Anniversary of Casar, NC
8/29 - 8/30	W9JCA	50th Tri-State Antique Engine and Tractor Show
8/29 - 9/7	W3B	Buhl Day Celebration, 100th Anniversary, at Buhl Farr
8/29	K5R	Hurricanes Katrina & Rita 10th anniversary
8/29	N4G	NGA East Family Day
8/30	K0ASA	Hollenberg Pony Express



## 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](mailto:wb2elw@verizon.net)