

## INTERNATIONAL SPACE STATION SEEN AT STARS PICNIC



PHOTO BY LINDA JABLONSKI, KC2YMM

It's there! As promised, the International Space Station (ISS) made an appearance shortly after 9 PM during the annual **STARS** picnic. A repeat performance was made after 10 PM.

Anyone can get a schedule of ISS appearances. Just enter your location at the following web address: [http://spotthestation.nasa.gov/sightings/index.cfm#.VAYV\\_s9MthE](http://spotthestation.nasa.gov/sightings/index.cfm#.VAYV_s9MthE)

## CLUB OFFICERS

President	Ken Pokigo, KC2AYK
Vice President	John Leitten, KA2RFT
Secretary	Mettieirene Wagner, KD2DFQ
Financial Sec'y	Judy Levan, N2TEZ
Treasurer	John Czuba, W2IV
Director (1 yr.)	Conrad Barrick, KC2WRV
Director (2 yr.)	Jon Hall, KC2QKB
<hr style="border-top: 1px dashed red;"/>	
Clubhouse Chair	Pat Groom, KC2VWG
Telstar Editor	Tomm Dean, KA2NXY
Webmaster	Don Niles, K2PMC

## WE GOOFED

**Scott Barto, KB2KOL**, pointed out that last month's "STARS Meetings" item mentioned that the June meeting would be on August 8th. It should have been the August meeting. A recheck of the July issue, found the same error (no one reported that error).

**Don Niles, K2PMC**, reported that the "Up With Antennas" column had two different illustrations labelled, "Figure 2". The second one should have read, "Figure 3".

If you see something that is not correct, let us know 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)

## SEPTEMBER MEETING

There is no guest speaker for the September meeting.

Two upcoming projects will be discussed. The first will be the upcoming Chinese Auction in October. Also, discussion will be open concerning particulars of **STARS** offering an IRLP connection.

## RADIO ROMANCE

Two antennas met on a rooftop, fell in love and got married. The wedding wasn't much, but the reception was excellent!

I met the man who shot the wedding...he's an aerial photographer.

## STARS MEETINGS

**STARS** meetings are usually at 7:00 PM on the first Thursday of each month, at the Hamburg Memorial Youth Center, 200 Prospect Avenue (near Hawkins Avenue) in Hamburg.

This month's meeting will be **September 4<sup>th</sup>**, at 7:00 PM, at the Hamburg Memorial Youth Center.

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, just west of the Hamburg Town Arena, 2982 Lakeview Road, Hamburg.

This month, the board will meet on **September 25<sup>th</sup>**, at the Nike Base Radio Clubhouse.

All members are welcome.

## CLUB NETS

Saturdays	10:00 AM	3.925 MHz +/- QRM
Sundays	9:30 AM	28.380 MHz
Sundays	10:30 AM	147.09 MHz (repeater)



# South Towns Amateur Radio Society

## 3<sup>rd</sup> ANNUAL FUNDRAISER

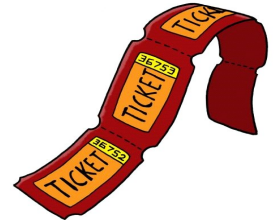
# CHINESE AUCTION

### Thursday, October 2<sup>nd</sup>, 2014



### 7:00 PM

**Hamburg Youth Center**  
**200 Prospect Avenue**  
**Hamburg, NY 14075**



**FREE ADMISSION**  
 (+ 1 Free Door Prize Raffle Ticket)



**Theme Baskets**  
**Raffles**

### 50/50

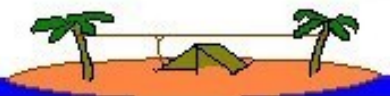
### Refreshments Available



# UP with antennas



by Don - K2PMC



Well well, it appears that someone is actually reading the pearls of wisdom offered up by yours truly every month. One of our members has asked if I would discuss the characteristics of a Windom antenna. Of course, I would be happy to do that. So here goes.....

When we hear the word dipole, we naturally think of a center fed antenna. A Windom is the same length as a dipole but it is not a center fed antenna. But before I get into some of the technical aspects of the Windom, a history lesson is in order.

The Windom antenna dates back to the 1920s. Not surprisingly, it owes its name to its inventor, Loren Windom, W8GZ. The length of a Windom antenna is a half wave length on its fundamental frequency. An 80 meter Windom is about 132 feet long. Unlike the dipole, where the feed point is located in the center, the feed point on the Windom is roughly 33% in from one end. Now, the original Windom used a single wire feeder, worked against ground. Because, this feeder was actually a part of the antenna, RF energy was brought into the shack. We all know that RF in the shack is a "No No" for a multitude of reasons.

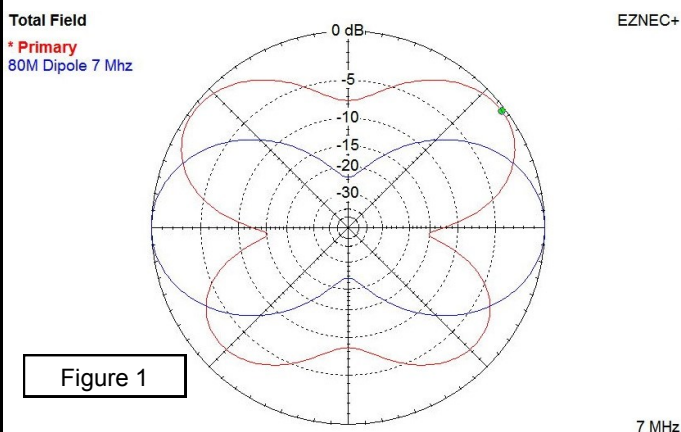
As time progressed, hams began feeding the antenna with coax or balanced feeders, but the Windom name remained. So, those antennas are not really Windom antennas. They are "Off Center Fed" (OCF) dipoles.

Sometime ago some clever hams began marketing their version of the OCF dipole, calling it the Carolina Windom and promulgating claims of "low angle, omnidirectional radiation patterns." We will discuss these claims later on in this column.

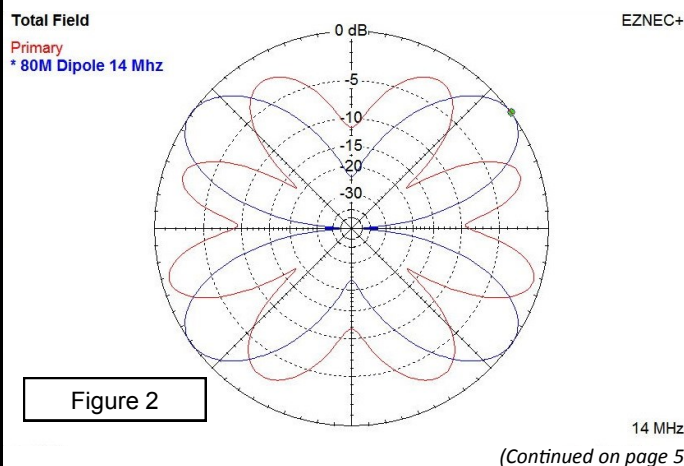
OK, let's see how an OCF dipole stacks up against a conventional dipole. First of all, forget about a change

in take off angle, because there is none. You have to raise the antenna to lower the take off angle.

On their fundamental frequency, there is no difference between the two antennas. They both exhibit the classic figure 8 pattern. However, on the 2nd harmonic the conventional dipole still maintains its figure 8 pattern while the OCF dipole displays more of a cloverleaf pattern. Figure 1 is an azimuth display of an 80 meter antenna used on its 2nd harmonic (i.e. 40 meters).



As you can see, the overall gain is about the same, but the OCF dipole exhibits directional characteristics in line with the longer leg. Figure 2 compares the antennas on their 4th harmonic (i.e. 20 meters)



(Continued from page 4)

UP with antennas  
by Don - K2PMC



Note that the conventional dipole now exhibits a cloverleaf pattern with slightly more gain in certain directions. However, the OCF dipole exhibits more of an omnidirectional pattern, covering more points on the compass.

So, if the cloverleaf pattern on 40 meters and the more omnidirectional pattern on 20 meters suits your needs, then go for the OCF dipole. Otherwise, you can never go wrong with the conventional dipole.

As I was writing this I started thinking about moving the feed point of the OCF dipole to somewhere other than 33%. Keep in mind that we must keep the feed point somewhere on the current up slope to maintain impedance values at a manageable level for our antenna tuner. Figure 3 compares the conventional dipole to the OCF dipole, fed 10% in from the end.

Total Field  
\* Primary  
80M Dipole 14 Mhz

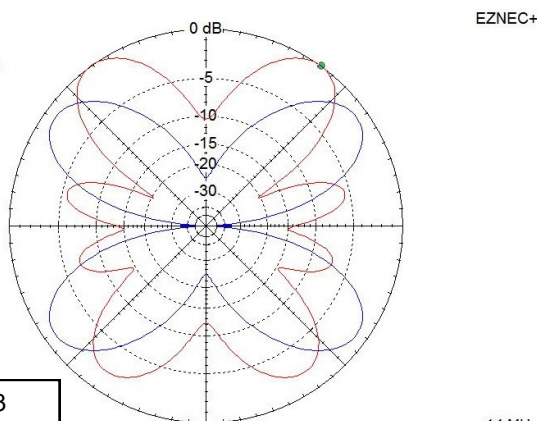


Figure 3

14 MHz

I found that the patterns on 80 and 40 meters are essentially the same as they were before. However, you will notice that on 20 meters the OCF dipole loses some of its omnidirectional characteristics and tends to focus its power in line with the long end, thereby exhibiting considerable gain over the conventional dipole. If you want to poke a strong signal into a particular area, of the world then this configuration would work well.

Now let me devote a few words to the well marketed (and expensive) Carolina Windom. The omnidirectional claims made are in reference to 20 meters. Studies have shown that when mounted above, or very near to

salt water, the vertical coaxial portion does somewhat enhance the omnidirectional characteristics of the antenna. Ergo, if you can erect your antenna above or near the ocean, then go for it. But, don't buy it; make it for a lot less! However, if you look at Figure 2 you can see that the OCF dipole exhibits very good omnidirectional characteristics, sans any vertical elements.

I sincerely hope I have satisfied my reader's curiosity with respect to the OCF (aka Windom) antenna.

See you next month.....

73,

Don, K2PMC

(Editor's note: If you have questions or comments regarding anything from "Up with Antennas", feel free to email Don Niles at: [k2pmc@arrl.net](mailto:k2pmc@arrl.net).)

## Lancaster Hamfest

**Sunday - September 14, 2014**

7:00 am - till

Bowen Road Grove [MAP](#)

\$7.00 admission and free tailgating

3845 Bowen Rd, Lancaster NY 14086  
(Located across from rear entrance of Como Lake Park)



APRS Hamfest Beacon "W2SO-2"

Talk in: 147.255 PL 107.2

# STARS PICNIC HIGHLIGHTS



ALL STARS CULINARY TEAM AT WORK



GETTING READY FOR THE INTERNATIONAL SPACE STATION



ENJOYING THE WORK OF THE CULINARY TEAM



YLs AND XYLs HEAT UP THE PICNIC



JUDY LEVAN, N2TEZ, SELLING RAFFLE TICKETS



KEN POKIGO, KC2AYK, SELECTS RAFFLE WINNERS

**Thanx to Linda Jablonski, KC2YMM, for all the photographs...**

# HAMFESTS

## 09/07/2014 [BCARA SwapFest](#)

**Location:** Location: Unionville Fire Department  
102 Mahood Road  
Unionville, PA  
**Sponsor:** Butler County Amateur Radio Assn  
**Website:** <http://www.w3udx.org>

## 09/07/2014 [Findlay Hamfest](#)

**Location:** Hancock County Fairgrounds  
1017 East Sandusky Street  
Findlay, OH  
**Sponsor:** Findlay Radio Club  
**Website:** <http://www.w8ft.org>

## 09/14/2014 [Gloucester County ARC Hamfest](#)

**Location:** Gloucester County 4-H Fairgrounds  
240 Bridgeton Pike (Route 77)  
Mullica Hill, NJ  
**Sponsor:** Gloucester County Amateur Radio Club  
**Website:** <http://w2mmd.org>

## 09/14/2014 [Lancaster Hamfest](#)

**Location:** Bowen Road Grove  
3845 Bowen Road  
Lancaster, NY  
**Sponsor:** Lancaster Amateur Radio Club  
**Website:** <http://gbhamfest.hamgate.net>

## 09/20/2014 [DVRA Fall Hamfest](#)

**Location:** West Windsor Community Park  
Route 571  
West Windsor, NJ  
**Sponsor:** Delaware Valley Radio Association  
**Website:** <http://w2zq.com>

(control + click on name for full information)

## 09/20/2014 [Garden State ARA Fall Hamfest](#)

**Location:** MOESC Building  
100 Tornillo Way  
Tinton Falls, NJ  
**Sponsor:** Garden State Amateur Radio Assn  
**Website:** <http://www.gardenstateara.org>

## 09/26/2014 [Mid-Atlantic States VHF Conference](#)

**Location:** InnPlace Hotel  
3327 Street Road  
Bensalem, PA  
**Sponsor:** Mt. Airy VHF Radio Club  
**Website:** <http://packratvhf.com>

## 09/27/2014 [39th Annual Elmira Int'l Hamfest/Computerfest](#)

**Location:** Chemung County Fairgrounds  
Grand Central Avenue  
Horseheads, NY  
**Sponsor:** ARA of the Southern Tier & Chemung County ARES  
**Website:** <http://www.ARAST.org>

## 09/27/2014 [Ocean Monmouth ARC Tailgate Hamfest](#)

**Location:** Infoage Learning Ctr - Proj. Diana Site  
2300 Marconi Road  
Wall Township, NJ  
**Sponsor:** Ocean Monmouth Amateur Radio Club  
**Website:** <http://www.n2mo.org>

## 09/28/2014 [Cleveland Hamfest and Computer Show](#)

**Location:** Cuyahoga County Fairgrounds  
164 Eastland Road  
Berea, OH  
**Sponsor:** Hamfest Association of Cleveland, Inc.  
**Website:** <http://www.hac.org>

(control + click on name for full information)

## EXAM SITES

09/06/2014 [Jamestown](#)

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

09/06/2014 [North Tonawanda](#)

Sponsor: ARA of the Tonawandas  
 Location: North Tonawanda Fire Headquarters  
 495 Zimmerman St - Training Room  
 Time: 9:30 AM (Walk-ins allowed)

09/10/2014 [Canandaigua](#) 

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

09/13/2014 [Coudersport PA](#) 

Sponsor: Elk County ARA  
 Location: Charles Cole Mem'l Hospital—Conf. Rm.  
 Route 6 East  
 Time: 10:00 AM (Walk-ins allowed)

09/16/2014 [Meadville PA](#)

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

09/20/2014 [Hamburg](#)

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



09/20/2014 [Erie PA](#)

Sponsor: Wattsburg Wireless Association  
 Location: Greene Township Muni Bldg Rm 114

9333 Tate Road  
 (use district justice entrance)  
 Time: 9:00 AM (Walk-ins allowed)

09/20/2014 [Rochester NY](#) 

Sponsor: Rochester ARA  
 Location: RIT Gleason Engineering Bldg Rm 3139  
 1 Lomb Memorial Drive  
 Time: 10:00 AM (Walk-ins allowed)

09/23/2014 [Lancaster](#)

Sponsor: Lancaster ARC  
 Location: Lancaster ARC- Club House Building  
 525 Pavement Road  
 Time: 7:00 PM (Walk-ins allowed)

09/27/2014 [Ridgeway PA](#) 

Sponsor: Elk County ARA  
 Location: Elk County Courthouse Annex  
 300 Center Street  
 (use district justice entrance)  
 Time: 9:30 AM (Walk-ins allowed)

09/28/2014 [Geneseo](#)

Sponsor: Genesee Valley ARA  
 Location: Livingston County Government Center  
 2 Court Street Rm 205  
 Time: 5:30 PM (Walk-ins allowed)

(control-click on City for more info)

## 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

[\(more info\)](#)



# CONTEST CALENDAR



Start and Finish	Contest Title	Sponsor's Website
Sep 1, 1630Z - Sep 1, 1730Z	OK1WC Memorial Contest	<a href="http://www.memorial-ok1wc.cz">www.memorial-ok1wc.cz</a>
Sep 1, 2300Z - Sep 2, 0300Z	MI QRP Labor Day CW Sprint	<a href="http://miqrp.org">http://miqrp.org</a>
Sep 2, 0100Z - Sep 2, 0300Z	ARS Spartan Sprint	<a href="http://www.arsgrp.blogspot.com/">www.arsgrp.blogspot.com/</a>
Sep 3, 0000Z - Sep 3, 0300Z	NAQCC/FISTS	<a href="http://naqcc.info/nancy.html">http://naqcc.info/nancy.html</a>
Sep 3, 0100Z - Sep 3, 0300Z	ARS Spartan Sprint	<a href="http://www.arsgrp.blogspot.com/">www.arsgrp.blogspot.com</a>
Sep 3, 1300Z - See website	CWOps Weekly Mini-CWT Tests	<a href="http://www.cwops.org/cwt.html">www.cwops.org/cwt.html</a>
Sep 5, 0100Z - Sep 5, 0230Z	QRP Fox Hunt	<a href="http://www.qrpfoxhunt.org/summer_rules.htm">www.qrpfoxhunt.org/summer_rules.htm</a>
Sep 5, 0145Z - Sep 5, 0215Z	NCCC RTTY Sprint Ladder	<a href="http://www.ncccsprint.com/rules.html">www.ncccsprint.com/rules.html</a>
Sep 5, 0230Z - Sep 5, 0300Z	NS Weekly Sprint	<a href="http://www.ncccsprint.com">www.ncccsprint.com</a>
Sep 6, 0000Z - See website	CWops CW Open	<a href="http://www.cwops.org/cwopen.html">www.cwops.org/cwopen.html</a>
Sep 6, 0000Z - Sep 6, 2400Z	All-Asian DX Contest	<a href="http://www.jarl.org/English">www.jarl.org/English</a>
Sep 6, 0000Z - Sep 6, 2400Z	Russian Radio RTTY WW X	<a href="http://www.radio.ru/cq/contest/rule-results/index2.shtml">www.radio.ru/cq/contest/rule-results/index2.shtml</a>
Sep 6, 0600Z - Sep 6, 0800Z,	Wake-Up! QRP Sprint	<a href="http://grp.ru/contest/wakeup/333-wakeup-eng">http://grp.ru/contest/wakeup/333-wakeup-eng</a>
Sep 6, 1100Z - Sep 6, 1700Z	DARC 10 Meter Digital "Corona"	<a href="http://www.darc.de/referate/ukw-funksport">www.darc.de/referate/ukw-funksport</a>
Sep 6, 1300Z - Sep 7, 1300Z	IARU Region I Field Day	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
Sep 6, 1300Z - Sep 6, 1600Z	Straight Key Party	<a href="http://www.agcw.de/index.php/en/">www.agcw.de/index.php/en/</a>
Sep 6, 1600Z - Sep 6, 2400Z	Ohio State Parks On the Air	<a href="http://www.ospota.org/ospota/index.php">www.ospota.org/ospota/index.php</a>
Sep 6, 1600Z - Sep 6, 2400Z	Indiana Parks on the Air	<a href="http://inpota.com/">http://inpota.com/</a>
Sep 7, 0000Z - Sep 7, 0400Z	North American Sprint	<a href="http://ncjweb.com/Sprint-Rules.pdf">http://ncjweb.com/Sprint-Rules.pdf</a>
Sep 7, 0000Z - Sep 7, 0600Z	070 Club KA3X Memorial Sprint	<a href="http://www.podxs070.com">www.podxs070.com</a>
Sep 7, 1100Z - Sep 7, 1700Z	DARC 10-Meter Digital Contest	<a href="http://www.darc.de">www.darc.de</a>
Sep 7, 1500Z - See website	QRP ARCI Two Sidebands Sprint	<a href="http://www.qrparci.org/contests">www.qrparci.org/contests</a>
Sep 7, 1800Z - Sep 8, 0300Z	Tennessee QSO Party	<a href="http://www.tngp.org">www.tngp.org</a>
Sep 12, 0100Z - Sep 12, 0230Z	QRP Fox Hunt	<a href="http://www.qrpfoxhunt.org/summer_rules.htm">www.qrpfoxhunt.org/summer_rules.htm</a>
Sep 12, 0145Z - Sep 12, 0215Z	NCCC RTTY Sprint Ladder	<a href="http://www.ncccsprint.com/rules.html">www.ncccsprint.com/rules.html</a>
Sep 13, 0000Z - Sep 13, 2359Z	FOC QSO Party	<a href="http://www.g4foc.org">www.g4foc.org</a>
Sep 13, 0000Z - Sep 14, 2400Z	Worked All Europe DX Contest	<a href="http://waedc.de">http://waedc.de</a>
Sep 13, 1000Z - Sep 14, 1000Z	SARL VHF/UHF Analog/Digital Contest	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
Sep 13, 1200Z - Sep 14, 2359Z	Straight Key Weekend Sprintathon	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
Sep 13, 1400Z - Sep 14, 0200Z	Arkansas QSO Party	<a href="http://www.arqqsoparty.com">www.arqqsoparty.com</a>
Sep 13, 1800Z - Sep 15, 0259Z	ARRL September VHF Contest	<a href="http://www.arri.org/september-vhf">www.arri.org/september-vhf</a>
Sep 14, 0000Z - Sep 14, 0359Z	North American Sprint	<a href="http://ncjweb.com/Sprint-Rules.pdf">http://ncjweb.com/Sprint-Rules.pdf</a>
Sep 14, 1300Z - Sep 15, 0700Z	Classic Exchange	<a href="http://www.classicexchange.org">www.classicexchange.org</a>
Sep 14, 1300Z - Sep 14, 1900Z	Swiss HTC QRP Sprint	<a href="http://www.htc.ch">www.htc.ch</a>
Sep 15, 0100Z - Sep 15, 0300Z	Run For the Bacon	<a href="http://www.fpgqp.org">www.fpgqp.org</a>
Sep 18, 0030Z - Sep 18, 0230Z	NAQCC Monthly QRP Sprint	<a href="http://naqcc.info">http://naqcc.info</a>
Sep 19, 0145Z - Sep 19, 0215Z	NCCC RTTY Sprint Ladder	<a href="http://www.ncccsprint.com/rules.html">www.ncccsprint.com/rules.html</a>
Sep 20, 1000Z - Sep 21, 0400Z	ARRL 10 GHz Cumulative Contest	<a href="http://www.arri.org/10-ghz-up">www.arri.org/10-ghz-up</a>
Sep 20, 1200Z - Sep 21, 1159Z	Scandinavian Activity Contest	<a href="http://www.sactest.net">www.sactest.net</a>
Sep 20, 1300Z - Sep 21, 1300Z	SRT HF Contest SSB	<a href="http://www.strangeradioteam.com/SRT-HF-SSB-eng.asp">www.strangeradioteam.com/SRT-HF-SSB-eng.asp</a>
Sep 20, 1400Z - Sep 21, 0300Z	South Carolina QSO Party	<a href="http://scqso.com">http://scqso.com</a>
Sep 20, 1500Z - Sep 21, 0300Z	QRP Afield	<a href="http://newenglandqrp.org/afield">http://newenglandqrp.org/afield</a>
Sep 20, 1600Z - Sep 20, 1800Z	Feld-Hell Hell on Wheels Sprint	<a href="http://www.feldhellclub.org">www.feldhellclub.org</a>
Sep 20, 1600Z - Sep 21, 2400Z	Washington State Salmon Run	<a href="http://www.wwdxc.org">www.wwdxc.org</a>
Sep 21, 1300Z - Sep 23, 0700Z	Classic Exchange	<a href="http://www.classicexchange.org">www.classicexchange.org</a>
Sep 21, 1700Z - Sep 21, 2100Z	BARTG Sprint 75	<a href="http://www.bartg.org.uk">www.bartg.org.uk</a>
Sep 22, 1100Z - Sep 23, 0300Z	144 MHz Fall VHF Sprint	<a href="http://www.svhfs.org">www.svhfs.org</a>
Sep 24, 0000Z - Sep 24, 0200Z	SKCC Straight Key Sprint	<a href="http://www.skccgroup.com/sprint/sks">www.skccgroup.com/sprint/sks</a>
Sep 26, 0145Z - Sep 26, 0215Z	NCCC RTTY Sprint Ladder	<a href="http://www.ncccsprint.com/rules.html">www.ncccsprint.com/rules.html</a>
Sep 27, 0000Z - Sep 28, 2359Z	CQ WW RTTY Contest	<a href="http://www.cqwwrtty.com">www.cqwwrtty.com</a>
Sep 27, 1200Z - Sep 28, 1200Z	Maine QSO Party	<a href="http://www.maineqso.com">www.maineqso.com</a>
Sep 27, 1400Z - See website	Texas QSO Party	<a href="http://www.txqp.net">www.txqp.net</a>
Sep 27, 1400Z - Sep 27, 1800Z	AGCW VHF/UHF Contest	<a href="http://www.agcw.org/index.php/en/">www.agcw.org/index.php/en/</a>
Sep 28, 2000Z - Sep 28, 2200Z	Peanut Power Sprint	<a href="http://www.nogaqrp.org">www.nogaqrp.org</a>
Sep 30, 1100Z - Oct 1, 0300Z	222 MHz Fall VHF Sprint	<a href="http://www.svhfs.org">www.svhfs.org</a>

(Control + click to activate a link)



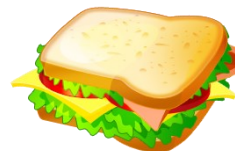
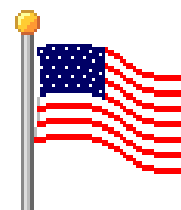
For more information on contests: <http://www.arri.org/contest-calendar>



# SPECIAL EVENT STATIONS

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

09/01/2014	Aberdeens of the World	
09/01/2014	West Alexander Fair	
09/04/2014	North Carolina Mountain State Fair	
09/05/2014	Treasure Island ExPedition	
09/06/2014	Cumberland County PA Amateur Radio Club 50th Anniversary Celebration	
09/06/2014	Fox Trotters of Missouri Special Event	
09/06/2014	Portland Amateur Wireless Association Centennial	
09/06/2014	Route 66 On The Air	
09/06/2014	World War 1 Centennial Commemoration	
09/07/2014	50th Anniversary Laguna Woods Village Retirement Community	
09/08/2014	Kansas Preparedness Day	
09/10/2014	National POW MIA Recognition Day Special Event Station	
09/11/2014	Day out with Thomas 2014	
09/12/2014	46th Annual National Hollerin' Contest	
09/12/2014	Battle of Plattsburgh Commemoration	
09/12/2014	Old Mulkey Meetinghouse Special Event	
09/13/2014	Battle of North Point Bicentennial War of 1812	
09/13/2014	Bi-Centennial of the writing of the Star Spangled Banner during the battle of Baltimore	
09/13/2014	Celebrating 69 Years of Operating	
09/13/2014	Nashville Mini Maker Fair	
09/13/2014	SATERN's First International Response - Hurricane Gilbert 1988	
09/13/2014	State Line Radio Club Annual Picnic	
09/13/2014	USS Midway Commissioning Special Event	
09/14/2014	200th Anniversary of the Writing of the Star Spangled Banner	
09/14/2014	Battle of Britain Commemorative Station	
09/16/2014	Sandwich IL Public Library Grand Opening	
09/20/2014	2014 Royal Rangers NJ District Powwow Amateur Radio Event	
09/20/2014	80th Anniversary of Nashville Amateur Radio Club	
09/20/2014	Grayson County Amateur Radio Club 20th Anniversary	
09/26/2014	Northwest Angle Station Activation	
09/27/2014	20th Annual Fiesta Sahurita	
09/27/2014	Dempsey Challenge Bicycle Race	
09/27/2014	Everybody's Day	
09/27/2014	Home on the Range Cabin Rededication and Anniversary of the Writing of the Song	
09/27/2014	Long Island East Qualification for US Islands Program	



## 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>