

telstar



THE NEWSLETTER OF STARS (SOUTH TOWNS AMATEUR RADIO SOCIETY)

SEPTEMBER 2016

VOL 50 Issue 1

TELSTAR 50th YEAR BEGINS

Forty-nine years are in the books. This *Telstar* represents the first issue of the fiftieth year of *Telstar*.

We've come a long way since the origin in 1967. For one thing, technology has changed dramatically.

Radios used to be much larger. Tubes were the standard; transistors were just getting started. Digital signaling was a rarity. The use of computers and microchips had not yet infiltrated the hobby.

More noticeable, newsletters such as *Telstar*, were created on what are now strange machines: typewriters! Also, the distribution of the newsletters was done via the U.S. Postal Service. The Internet and computer deliv-



ery was not yet in use.

Today, *Telstar* is created on a computer, using a program known as Microsoft Publisher. Delivery is almost totally done on the Internet.

We can only wonder how things will change in the next half century. No matter what happens, we will try to keep up with the latest technologies and processes.

In the meantime, the quality of *Telstar* continues to thrive with the gracious tips, articles, and information that our members provide to the *Telstar* staff.

For the past, and for the future, thanx to those who contribute.

Thomas Dean, KA2NXY
Telstar Editor

CLUB OFFICERS

President	Ken Pokigo, KC2AYK
Vice President	Conrad Barrick, KC2WRY
Secretary	Scott Barto, KB2KOL
Financial Sec'y	Patrick Groom, KC2VWG
Treasurer	John Leitten, KA2RFT
Director (1 yr.)	Paul Blachowski, WA2DII
Director (2 yr.)	Jon Hall, KC2QKB

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

WE GOOFED?

Last month's *Telstar* incorrectly identified one of amateurs appearing in a photo. The correct name of the person in the middle is **Joseph Hochulski, KC2KOM.**



If ewe sea sum thing that is knot correct, pleas let-tuce no at the a dress bee low.

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)

NEXT MEETING

The next **STARS** meeting will be on September 1st.

Please note, the location of the meeting has reverted back to the Hamburg Memorial Youth Center, 200 Prospect Avenue, Hamburg.

After two months of meetings outdoors, it may take a bit to get readjusted to indoor meetings. Therefore, no special speaker or topic has been designated.

This will be a great opportunity to get to know other club members. Remember, we recently gained several new club members through applications and also the associate memberships granted to those who take examinations through the **STARS** VE Team.

See you on Thursday, September 1st!

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 on September 1st, 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.
- ★ The next board meeting will be **September 22nd**, at the Nike Base Radio Clubhouse, 2982 Lakeview Road, Hamburg.
- ★ All members are welcome.

CLUB NETS

Tuesdays 7:30 PM 147.09 MHz (repeater)
Saturdays 10:00 AM 3.925 MHz +/- QRM

STARS 2016 GOALS

Participate in ARRL Field Day	●
Participate in the NYS QSO Contest	●
Participate in Hamburg's Burgerfest	●
Conduct fundraising events	●
Conduct a "Homebrew Build Project"	●
Hold at least 4 monthly programs	●
Install satellite antenna at clubhouse	●
Acquire new equipment	●
Investigate linking repeater systems	●
Enhance back-up power for repeater	●

THURSDAY AT THE SHACK

The open Nike Base Clubhouse Station on Thursday evenings is gaining in popularity.

Whether you plan to operate or not, you can enjoy the company of other amateurs, or even engage in the amateur related conversations that take place.

Sorry, not open on the first Thursday of the month; that's meeting night.

The Clubhouse Station is at 2982 Lakeview Road, Hamburg, just west of the Hamburg Ice Arena.

TUESDAY NET

Each Tuesday, at 7:30 PM, **STARS** conducts a network on the 2 meter repeater (147.09 MHz., PL 88.5).

In addition to checking in, an amateur radio related topic is brought up for discussion, with all participants asked for their input.

Recent topics have been quite interesting!

WE'LL BE SEEIN' YA IN XENIA!

In our last issue, we mentioned how the Dayton Hamvention® would no longer be at the Hara Arena. The management of the arena was closing the facility.

Unknown, was the status of the Hamvention® for 2017. The organizers, Dayton Amateur Radio Association, were positive about continuing the event. However, the new location was still unknown.

Well, a new site has been named. The Hamvention® for 2017 will be held at the Greene County Fairgrounds & Event Center in Xenia, Ohio. Owned by the Greene County Agricultural Society, it is a 32 acre site, in the northwest area of Xenia. Most of the buildings on the grounds are less than 20 years old.

The buildings are new, as the original structures (17 buildings) were flattened by a large tornado, in 2000.

Unlike the Dayton area, Xenia has limited motel space. Attendees are advised to seek reservations early.

While Xenia is not serviced by the same number of Interstate highways as Dayton, it is about 20 miles closer to Buffalo.

For more information, use this site:

[Dayton Hamvention® 2017 Info](#)

WANTED: 2 METER MOBILE RIG (USED)

One of our members would like to purchase a used 2 meter transceiver for his vehicle.

This will allow him to join in on the Tuesday evening **STARS** network..

If you can help, contact **Al Mitzo, WA2TTT**, at:

mitzo@roadrunner.com.

LANCASTER HAMFEST

Lancaster Hamfest – Sunday -September 11, 2016

Bowen Road Grove

3845 Bowen Rd, Lancaster NY 14086

(located across from rear entrance of Como Lake Park)

Large flea market for tailgaters and an outdoor covered Pavilion that sellers can use

only \$7.00 admission and free tailgating

Talk in – 147.255 MHz (PL 107.2)

RADIO PIONEER QUIZ

Which of the following actresses was one of the great pioneers of wireless communications?

Her technology was developed by the U.S. Navy, which has used it ever since. You are probably using her technology, too. Her patent sits at the foundation of "spread spectrum technology," which you use every day when you log on to a wi-fi network or make calls with your Bluetooth-enabled phone. It lies at the heart of the massive investments being made right now in so-called fourth-generation "LTE" wireless technology. This next generation of cell phones and cell towers will provide tremendous increases to wireless network speed and quality, by spreading wireless signals across the entire available spectrum. This kind of encoding is only possible using the kind of frequency switching that she invented. - - *(thanx to Jon Hall, KC2QKB for this information)*



MARLENE DIETRICH



GRETA GARBO



HEDY LAMARR

DID YOU MISS THE STARS 2016 PICNIC?

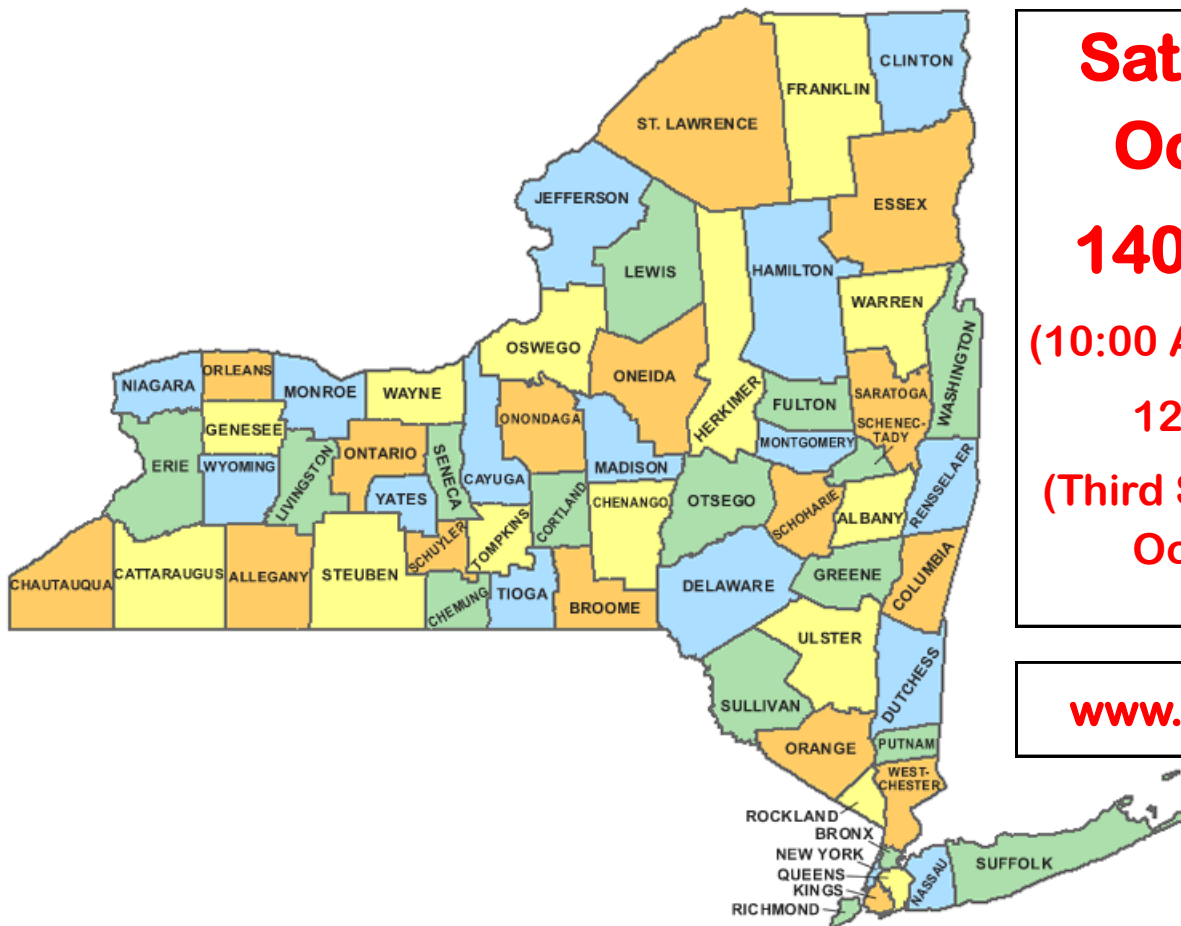
(photos by Rick Neubeck, W2RLN & Joe Kurcz, KD2FZD)



2016

New York QSO Party

Phone – CW – RTTY/Digital



**Saturday,
Oct. 15
1400 UTC
(10:00 AM Eastern)
12 Hours
(Third Saturday in
October)**

www.NYQP.org

OBJECT

- Stations in New York State may work everyone.
- Stations outside of NY State work as many NY stations in as many NY counties as possible
- Stations may be contacted on multiple bands and modes subject to entry class.

HAMFESTS

09/11 [Lancaster NY Hamfest](#)

Location: Como Park - Bowen Road Grove
3845 Bowen Road
Lancaster, NY

Sponsor: Lancaster Amateur Radio Club

Website: <http://w2so.org>

09/24 [Elmira Int'l Hamfest](#)

Location: Chemung County Fairgrounds
Grand Central Avenue
Horseheads, NY

Sponsor: ARAST & CCARES

Website: <http://ARAST.org>

(control-click on name for more info)

FOOTBALL POOL FILLED

Thanx go to all the **STARS** members who helped fill the 100 squares in the 2016 **STARS** Football Pool.

Names were entered into the squares. Following that, randomly chosen digits the sixteen its for each of the sixteen assigned to each col- each row, and umn. All per- sons entered in the pool re- ceived a



entered into Following chosen dig- the sixteen assigned to to each col- sons entered ceived a

copy of the resulting grids. If you do not have them, and want them, let us know: wb2elw@verizon.net.

The three top sellers were **Don Niles, K2PMC**; **Jon Hall, KC2QKB**; and **Rick Neubeck, KD2GEF W2RLN**. Together, those three members sold over half the boxes.

Also, special thanx go to **Don Niles, K2PMC**, for setting up the football pool.

STARS WILL WORK THE NYS QSO PARTY

Over the years, the **STARS** club has participated in the annual NYS QSO Party. During that period, **STARS** has finished at or near the lead several times.

This year, the **STARS** clubhouse station will be open to try to regain the top position (we were second last year.) All members are invited down to participate in the event. It begins at 1400 UTC on October 15th, and runs for a twelve hour period. Permissible operating modes will include phone, CW, and RTTY/digital.

As a station in a New York State county, we will be an actively sought contact. For us, it will be easier. Any contact is acceptable.

This is a great opportunity for new amateurs to get on the air and develop their communications skills. Operating positions will be available. Also, help from more experienced operators will be offered.

To enhance the **STARS** performance, a special call sign has been obtained for the date:

W2E


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.


[\(more info\)](#)

EXAM SITES


9/03/2016 [Jamestown](#)
 Sponsor: CARSC
 Location: Prendergast Library
 509 Cherry Street 2nd fl conf rm
 Time: 2:00 PM (Walk-ins allowed)

9/07/2016 [Springville](#) 
 Sponsor: CCARET
 Location: Bertrand Chaffee Hospital Board Room
 222-East Main Street
 Time: 7:30 PM (Walk-ins allowed)


9/10/2016 [North Tonawanda](#)
 Sponsor: ARA of the Tonawandas
 Location: North Tonawanda Fire Headquarters
 495 Zimmerman Street - Training Rm
 Time: 10:00 AM (Walk-ins allowed)

9/11/2016 [Chaffee](#) 
 Sponsor: CCARET
 Location: Manion Park (at picnic)
 9990 Grove Street
 Time: 1:30 PM

9/13/2016 [Niagara Falls](#)
 Sponsor: Niagara Radio Club, Inc.
 Location: Venture Forthe, Inc.
 3900 Packard Road
 Time: 6:30 PM (Walk-ins allowed)

9/14/2016 [Canandaigua](#) 
 Sponsor: SQUAW Island ARC
 Location: Ontario Co. Safety Training Facility
 3019 County Complex Drive
 Time: 6:30 PM (Walk-ins allowed)

9/17/2016 [Hamburg](#) 
 Sponsor: **STARS**
 Location: Hamburg Youth Center
 200 Prospect Avenue
 Time: 9:00 AM (Walk-ins allowed)

9/17/2016 [Rochester](#) 
 Sponsor: Rochester ARA
 Location: RIT Gleason Engineering Bldg Rm 3139
 1 Lomb Memorial Drive
 Time: 9:45 AM (Walk-ins allowed)

9/17/2016 [Bath NY](#)
 Sponsor: Civil Defense Center
 Location: Route 54
 Time: 6:00 PM (Walk-ins allowed)

9/20/2016 [Meadville PA](#)
 Sponsor: Crawford ARS
 Location: St Brigid Church Social Hall
 383 Arch Street
 Time: 6:30 PM (No walk-ins; preregister!)

9/25/2016 [Geneseo](#)
 Sponsor: Genesee Valley ARA
 Location: Livingston County Government Center
 2 Court Street Rm 205
 Time: 5:30 PM (Walk-ins allowed)

9/27/2016 [Lancaster](#)
 Sponsor: Lancaster ARC
 Location: Lancaster ARC- Club House Building
 525 Pavement Road
 Time: 7:00 PM (Walk-ins allowed)

[\(control-click on City for more info\)](#)



- Free; no charge for examination

CONTEST CALENDAR



Start and Finish

Contest Title

Sponsor's Website

Weds 0230Z-0300Z	Phone Fray	www.perluma.com/Phone_Fray_Contest_Rules.pdf
Weds 1300Z - See web	CW Ops Weekly Mini-CWT Tests	www.cwops.org/cwt.html
Wed & Fri 0200Z - 0329Z	QRP Fox Hunt (winter)	www.grpfoxhunt.org/winter_rules.htm
Fridays, 0145Z - 0215Z	NS Weekly RTTY Sprint	www.ncccsprint.com
Fridays, 0230Z - 0300Z	NS Weekly Sprint	www.ncccsprint.com
Sep 1, 1700Z - Sep 1, 2100Z	NRAU 10 Meter Activity Contest	www.nrau.net/activity-contests
Sep 2, 0100Z - Sep 2, 0229Z	QRP Fox Hunt	www.grpfoxhunt.org
Sep 2, 2300Z - Sep 4, 2300Z	G3ZQS Memorial Straight Key Contest	www.fistsna.org/operating.html
Sep 3, 0000Z - Sep 3, 2359Z	CWops CW Open	www.cwops.org/cwopen.html
Sep 3, 0000Z - Sep 3, 2359Z	Russian RTTY WW Contest	www.grz.ru/contest/detail/93
Sep 3, 0000Z - Sep 4, 2359Z	All Asian DX Contest, Phone	www.jarl.org/English/grp.ru/contest/wakeup
Sep 3, 0600Z - Sep 3, 0800Z	Wake-Up! QRP Sprint	www.agcw.org/index.php/en/ppraa.org/coqp
Sep 3, 1300Z - Sep 3, 1600Z	AGCW Straight Key Party	www.darc.de/
Sep 3, 1300Z - Sep 4, 0400Z	Colorado QSO Party	www.rsgbcc.org/hf
Sep 3, 1300Z - Sep 4, 1259Z	IARU Region 1 Field Day, SSB	www.podxs070.com/
Sep 3, 1300Z - Sep 5, 1300Z	RSGB SSB Field Day	www.wab.intermip.net
Sep 3, 2000Z - Sep 4, 2000Z	PODXS 070 Club Jay Hudak Memorial	www.darc.de/referate
Sep 4, 1000Z - Sep 4, 1400Z	WAB 144 MHz QRO Phone	www.tngp.org/rules
Sep 4, 1100Z - Sep 4, 1700Z	DARC 10-Meter Digital Contest	www.gsl.net/miqrpclub
Sep 4, 1800Z - Sep 5, 0300Z	Tennessee QSO Party	www.arsgrp.blogspot.com
Sep 5, 2300Z - Sep 6, 0300Z	MI QRP Labor Day CW Sprint	www.ukeicc.com
Sep 6, 0100Z - Sep 6, 0300Z	ARS Spartan Sprint	g4foc.org/gsoparty
Sep 7, 2000Z - Sep 7, 2100Z	UKEICC 80 Meter Contest	kpctest.ru/?pg=content/ruleen
Sep 10, 0000Z - Sep 10, 2359Z	FOC QSO Party	www.darc.de/referate/
Sep 10, 0000Z - Sep 10, 2359Z	Kulikovo Polye Contest	www.sarl.org.za
Sep 10, 0000Z - Sep 11, 2359Z	WAE DX Contest, SSB	www.skccgroup.com
Sep 10, 1000Z - Sep 11, 1000Z	SARL Field Day Contest	www.grz.ru/contest/detail/86.html
Sep 10, 1200Z - Sep 11, 2359Z	SKCC Weekend Sprintathon	www.ospota.org/ospota
Sep 10, 1500Z - Sep 11, 0959Z	Russian Cup Digital Contest	www.arrl.org/september-vhf
Sep 10, 1600Z - Sep 10, 2359Z	Ohio State Parks on the Air	www.ncjweb.com/Sprint-Rules.pdf
Sep 10, 1800Z - Sep 12, 0300Z	ARRL September VHF Contest	www.htc.ch/node/138
Sep 11, 0000Z - Sep 11, 0400Z	North American Sprint, CW	www.classicexchange.org
Sep 11, 1300Z - Sep 11, 1900Z	Swiss HTC QRP Sprint	www.rsgbcc.org/hf
Sep 11, 1300Z - Sep 14, 0800Z	Classic Exchange, CW	www.ev5agb.com/contest
Sep 14, 1900Z - Sep 14, 2000Z	RSGB 80 Meter Club Sprint, SSB	www.arrl.org/10-ghz-up
Sep 16, 2100Z - Sep 16, 2359Z	AGB NEMIGA Contest	www.sarl.org.za
Sep 17, 0600Z - Sep 18, 2359Z	ARRL 10 GHz and Up Contest	www.sarl.org.za
Sep 17, 1000Z - Sep 18, 1000Z	SARL VHF/UHF Contest	www.sactest.net/blog/rules
Sep 17, 1200Z - Sep 18, 1200Z	All Africa International DX Contest	www.strangeradioteam.com/
Sep 17, 1200Z - Sep 18, 1200Z	Scandinavian Activity Contest, CW	www.newenglandqrp.org
Sep 17, 1300Z - Sep 18, 1300Z	SRT HF Contest SSB	www.k2td-bcrc.org/njqp
Sep 17, 1600Z - Sep 17, 2200Z	QRP Afield	www.w1wqm.org/nhqso
Sep 17, 1600Z - Sep 18, 2000Z	New Jersey QSO Party	www.wwdx.org
Sep 17, 1600Z - Sep 18, 2200Z	New Hampshire QSO Party	sites.google.com/site/feldhellclub
Sep 17, 1600Z - Sep 18, 2359Z	Washington State Salmon Run	www.ncjweb.com/Sprint-Rules.pdf
Sep 17, 1800Z - Sep 17, 1959Z	Feld Hell Sprint	www.bartg.org.uk
Sep 18, 0000Z - Sep 18, 0400Z	North American Sprint, RTTY	www.qrpcontest.com/pigrun
Sep 18, 1700Z - Sep 18, 2100Z	BARTG Sprint 75	www.svhfs.org
Sep 19, 0100Z - Sep 19, 0300Z	Run for the Bacon QRP Contest	naqcc.info/sprint201609.html
Sep 19, 1900Z - Sep 19, 2300Z	144 MHz Fall Sprint	www.arrl.org/eme-contest
Sep 22, 0030Z - Sep 22, 0230Z	NAQCC CW Sprint	www.cq-amateur-radio.com
Sep 24, 0000Z - Sep 25, 2359Z	ARRL EME Contest	www.gsl.net/ws1sm
Sep 24, 0000Z - Sep 25, 2359Z	CQ Worldwide DX Contest, RTTY	www.agcw.org/index.php/en
Sep 24, 1200Z - Sep 25, 1200Z	Maine QSO Party	www.txqp.net
Sep 24, 1400Z - Sep 24, 1800Z	AGCW VHF/UHF Contest	www.rsgbcc.org/hf
Sep 24, 1400Z - Sep 25, 2000Z	Texas QSO Party	www.uba.be/en
Sep 24, 1700Z - Sep 24, 2100Z	RSGB International Sprint, CW	www.classicexchange.org
Sep 25, 0700Z - Sep 25, 1000Z	UBA ON Contest, 6 meters	www.nogaqrp.org
Sep 25, 1300Z - Sep 28, 0800Z	Classic Exchange, Phone	www.svhfs.org
Sep 25, 2000Z - Sep 25, 2200Z	Peanut Power QRP Sprint	www.skccgroup.com
Sep 27, 1900Z - Sep 27, 2300Z	220 MHz Fall Sprint	www.ukeicc.com
Sep 28, 0000Z - Sep 28, 0200Z	SKCC Sprint	www.rsgbcc.org/hf
Sep 28, 2000Z - Sep 28, 2100Z	UKEICC 80 Meter Contest	www.ylrl.org/index.php/contests-and-dx-awards
Sep 29, 1900Z - Sep 29, 2000Z	RSGB 80 Meter Club Sprint, CW	
Sep 30, 1400Z - Oct 2, 0200Z	YLRL DX/NA YL Anniversary Contest	

(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>

Aug 19 - Sep 2	W9Y	York Radio Club 80th Anniversary	
Aug 26 - Sep 5	W3B	Buhl Day - Annual celebration of Buhl Farm Park	
Aug 27 - Sep 7	K5E	Burning Man '2016 - A Catalyst Global Art	
Aug 27 - Sep 5	W3M	Meadowcroft 16,000-year-old Rockshelter	
Sep 1 - Sep 4	W4NYR	60th Annual Shelby Hamfest Special Event	
Sep 2 - Oct 13	W5M	History of Radio in the Mesilla Valley	
Sep 3 - Sep 5	K7RDG	37th Trek to Ghost Town of Paradise	
Sep 4 - Sep 5	W8G	194th Great Geauga County Fair	
Sep 6 - Sep 10	W3YXE	95th Spartansburg Fair	
Sep 7 - Sep 12	W1A	ARRL New England Division Special Event	
Sep 7 - Sep 13	W9W	World Waterski Show Tournament	
Sep 8 - Sep 12	N8D	Darttown Fall Festival	
Sep 9 - Sep 12	WA2NYC	15th Anniversary of the Attack on the World Trade Center	
Sep 10	KK4NC	48th Annual National Hollerin' Contest Spiveys' Corner	
Sep 10 - Sep 30	CF31CER	Canadian Forces Elgin Regiment 150th Anniversary	
Sep 10 - Sep 18	W6J	Route 66 On The Air (also W6O, W6Q, W6R & W6JBT)	
Sep 10	NI6IW	USS Midway Museum Ship; USS Midway Commissioning Special Event	
Sep 12 - Sep 18	K4MIA	National POW MIA Recognition Day Special Event Station	
Sep 17	W8VP	North Country National Scenic Trail /Salt Fork State Park	
Sep 17 - Sep 18	N5J	Sheppard AFB 75th Anniversary & ENJPT 35th Anniversary: Sheppard AFB Texas	
Sep 17 - Sep 18	W1AQ	The 90th Anniversary of The Associated Radio Amateurs of Southern New England	
Sep 17	W8FW	WACO Fly-In	
Sep 18	W9EFU/KC9WQI	Riley Memorial Air Show Special Event Station	
Sep 19 - Oct 7	K9E	60 years of Amateur Radio K9ESC	
Sep 23 - Sep 25	N5B	Plano Balloon Festival	
Sep 24	WC8VOA	72nd Anniversary of the Voice Of America Bethany Relay Station (West Chester,	
Sep 24 - Sep 25	W5SFA	Anniversary of the Founding of Austin's Colony in Texas	
Sep 24	NC4AR	EVERYBODY'S DAY	
Sep 24	K9UXZ	HAM Radio Awareness	
Sep 24	N4V	Meet A Veteran	
Sep 24 - Sep 26	KL7HOM	North America's Most Westerly Contiguous Highway Point	
Sep 24	W5G	Old Yeller Days	
Sep 24 - Sep 25	K0C	Southeast Nebraska Radio Club 80 Year Anniversary	
Sep 25	W9M	WWII Days at Midway Village Museum	

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