

EXPANDED FREQUENCIES!

Remember when television channels in the country were changed from analog to digital? That was done several years ago, with the intent of saving frequency space. You see, the old analog TV channels each occupied 6 megahertz of space. That would be enough space for nearly 500 channels for FM two way radios (such as amateur, police or fire operations).

Well, the fruits of that policy are coming to amateur radio. After years of planning, the FCC has realigned the frequency spectrum in such a way that amateurs will now have nearly twice the operating spectrum previously available. The realignment was necessary to make the newly found space available to other radio services, as well as amateur operators. So, effective July 1, 2017, the newly expanded amateur frequency bands are as follows:

BAND	CURRENT RANGE	NEW RANGE
80 meters	3.5 → 4.0 MHz	4.0 → 5.0 MHz
40 meters	7.0 → 7.3 MHz	7.4 → 8.0 MHz
20 meters	14.0 → 14.35 MHz	14.65 → 15.4 MHz
15 meters	21.0 → 21.45 MHz	20.0 → 21.0 MHz
10 meters	28.0 → 29.7 MHz	30.0 → 33.5 MHz
6 meters	50.0 → 54.0 MHz	44.0 → 50.0 MHz
2 meters	144.0 → 148.0 MHz	148.0 → 154.0 MHz
70 centimeters	420.0 → 450.0 MHz	360.0 → 420.0 MHz

Amateurs should begin preparations for these changes as soon as possible. Unless your radio gear is home-built, you may need professional assistance to realign the frequencies in your ra-

(Continued on page 5)



CLUB OFFICERS

President	Ken Pokigo, KC2AYK
Vice President	Paul Blachowski, WA2DII
Secretary	Scott Barto, KB2KOL
Financial Sec'y	Patrick Groom, KC2VWG
Treasurer	John Leitten, KA2RFT
Director (1 yr.)	Jon Hall, AA2CC
Director (2 yr.)	Allen Mitzo, WA2TTT

Clubhouse Chair Patrick Groom, KC2VWG

Fundraising Chair Don Niles, K2PMC

Hospitality Chairs Richard Neubeck, W2RLN

Net Control Stations Scott Barto, KB2KOL (VHF)
Bob Lehning, WA2YSJ (HF)

NYQP Chair John Leitten, KA2RFT

Photographer Richard Neubeck, W2RLN

Program Chair Larry Plumb, WA2TLY

Repeater Chairs Pat Groom, KC2VWG
Ken Pokigo, KC2AYK

Special Events Chairs Joe Claus, KB2JDB
Bob Koster, KA2WYE

Telstar Editor Tomm Dean, KA2NXY

VE Team Liaison Tomm Dean, KA2NXY

Webmaster Don Niles, K2PMC



WE GOOFED

John Czuba, W2IV, and Jon Hall, AA2CC, report that the word, "MARCCH" appeared in the newsletter's heading. It should have been "MARCH".

Thanx to John & Jon for notifying us about this error. We appreciate any errors that are brought to our attention. It helps us do better.

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

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, 200 Prospect Avenue (near Hawkins Avenue) in Hamburg.

This month's meeting will be on April 6th, 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 April 27th, at the Nike Base Radio Clubhouse, 2982 Lakeview Road, Hamburg.

All members are welcome.

BLUE AND UNDERLINED

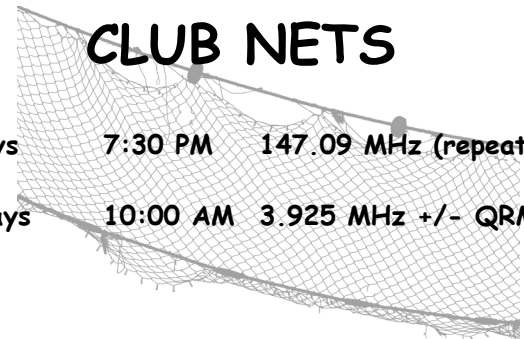
When you see something in *Telstar* in blue letters and underlined, that means it is an Internet link. Hold the "Control" key and click on the link to open.

Try it!  [sample link](#) (control + click)

CLUB NETS

Tuesdays 7:30 PM 147.09 MHz (repeater)

Saturdays 10:00 AM 3.925 MHz +/- QRM



NEXT MEETING SPEAKER

At the April 6th meeting, **Pat Groom, KC2VWG**, will provide a presentation on oscilloscopes and spectrum analyzers, especially as they apply to amateur radio.

There will be "hands on" opportunities with these items.

If you have any RFI causing device, bring it down!

WIND & ANTENNAS

A few weeks ago, our area experienced winds gusting above 50 mph. One such wind storm coincided with our weekly 2 meter radio net. Intermittent crackling noises were evident from our repeater (Hamburg).

It became obvious that our antenna's connections were compromised in high winds. They will be checked in the near future, as a replacement beam is installed for the HF frequencies.

Timing is dependent upon our ability to schedule the local fire company's tower ladder.

Member help will be needed. Further discussions will occur at our April 6th meeting.

STARS 2017 GOALS

Participate in Field Day.	●
Participate in NYS QSO Party.	●
Conduct fundraising events.	●
Acquire new equipment.	●
Attend mini-maker faire(s).	●
Conduct club build project(s).	●
Install three rd yagi antennas.	●
Present 4 monthly programs.	●
Conduct training on club equipment.	●
Conduct General & Extra Classes.	●
Install satellite antennas.	●
Maintain repeater systems.	●

STARS TO HOST NWS SKYWARN TRAINING

STARS will host the National Weather Service's presentation of SKYWARN training at the May 4th meeting.

Completion of the program leads to certification as a volunteer observer for the National Weather Service, during unusual weather situations.



NWS SKYWARN TRAINING

Upcoming training is listed in the table below. For more information, and to register for a training session, use this link:

<http://www.weather.gov/buf/Skywarn> or jon.hitchcock@noaa.gov

DATE	COUNTY	LOCATION	ADDRESS	SPONSOR
Tuesday 4/18/2017 7 PM	Erie	Buffalo State College	Bulger Communication Center Room West 2 Buffalo, NY 14222	Western NY AMS Chapter and Dr. Stephen Vermette
Tuesday 4/18/2017 7 PM	Chautauqua	Saint Peter Church	12 Elm St Westfield, NY 14787	Chautauqua and Erie Amateur Radio Club

CAN YOU HELP A HAM?

Sidney Emmons, K8ZES is eighty years old, with nearly half a century as an amateur radio operator. He lives in an adult residence in Orchard Park,

He is seeking help in setting up an antenna on his patio, for limited 2meter and/or 6 meter operation.

If you live in the area of Armor Duells Road (between Route 219 and California Drive, see if you can help.

He's at Brookdale (formerly known as Orchard Glen):

Sidney Emmons
6055 Armor Duells Road, Apt 239.
Orchard Park, NY 14127

Contact **Jon Barkhurst, WB8NTA**, for details at 740-558-9907, or at jonbarkhurst@embarqmail.com.

FOR SALE - FT-450D

Yaesu FT-450D HF amateur band radio, with DSP and ATU in mint condition; hardly used (taken out of the box once). New models are about \$800. Asking price for this one is **\$525**.

This is a great unit for newly licensed amateur operators, and costs only a fraction of the price of a \$3,000 top of the line model.

Contact: **Jim Meahl, KB2JM**
meahls@netzero.com
(716) 622-9474

TECHNICIAN CLASS

EMPact America, West Seneca CERT and **Elma CERT**, in cooperation with **STARS**, will be offering a technician class, beginning on Wednesday, May 3rd, at 6:30 PM. Classes will be held in the basement of EMPact America, 7615 Seneca Street, in East Aurora.

Classes will be three hours long, each Wednesday, for about six weeks. The classes are free, however, a fee is **charged** for a text book, and for the final exam.

Registration can be done through EMPact America website, or through mamcculloch@empactny.org.

Under the direction of **Robert Koster, KA2WYE**, past classes have produced many new amateur operators.

ICOM 765 OUT OF SERVICE FOR REPAIR

The primary radio at the club shack is out for repair. It has been replaced with the backup Yaesu.

AMATEUR OPERATORS NEEDED

Every year, several events take place where amateur radio operators provide the necessary communications for successful outcomes. In this area, those events include the Tour de Cure (for diabetes), Ride for Roswell (cancer treatment), and the MS Bike-athon (for multiple sclerosis).

The amateur radio operations are conducted under the auspices of the **Erie County ARES/RACES** team. They coordinate communications for event check-points, route patrols, sweep vehicles, participant assistance units, and other functions. They welcome assistance from all amateurs.

If you would like to participate in this activity, get in touch with the ARES/RACES team. The best way to do this is by attending one of their meetings. They take place on the second Monday of each month, at 7:30 PM, at the Erie County Fire Training Academy, 3359 Broadway (just east of Union Road), Cheektowaga.

You can also check out the ARES/RACES website at:

<http://ecar.wnyserv.com/>

Your assistance would be appreciated!

(Continued from page 1)

EXPANDED FREQUENCIES

dio. Most equipment from the common amateur radio manufacturers (ICOM, Yaesu, & Kenwood), rely on programmed integrated circuits for frequency limits. These are not easily adjustable. Unless and until manufacturers devise a way to modify these radio characteristics, your current radio may not be useable.

This may be the right time to replace your radio with a newer model with the updated frequencies. This may be dependent upon the cost for adjusting your old radio. We'll have to wait and see how much the makers will charge for this work.

Here's another thing to consider. You may want to sell your current radio. However, if you go this route, you will want to act fast. You see, these frequency changes are not well known yet. So, SELL FAST, before most potential buyers realize that things have changed. Once known, the market will disappear. Few knowledgeable people will want to buy these things.

We'll share more information as it becomes available.

HAMFESTS

4/11

RAWNY MINI HAMFEST

Location: The Church of the Nativity
1530 Colvin Blvd.
Tonawanda, NY

Sponsor: Radio Association of Western NY

Website: <http://w2pe.com/>

4/22

DRUMLINS HAMFEST

Location: Palmyra VFW Post 6778
4306 Route 31
Palmyra, NY 14522

Sponsor: Drumlins Amateur Radio Club

Website: <http://drumlinsarc.us>

(control-click on name for more info)

VE SESSION RESULTS

STARS conducted an examination session on March 18, 2017. Seven candidates appeared, taking eight examinations, resulting in new licenses.

Wilhelm Aubrecht	AC2VA	Extra
James Keough	KD2LYE	General
Anthony Love	KD2NFW	Technician
Gregory Plumb	KD2NET	Technician
Kevin Tirpak	KD2MSJ	General
David Tormey	KD2NFK	Technician
Gregory Whittemore	KD2NFR	Technician

Of interest, **Wilhelm Aubrecht** (now AC2VA, formerly KD2MSF) was the first person to take and pass the revised Extra examination administered by our team.

Volunteer Examiners included **Scott Barto, KB2KOL;** **Shane Brady, WB2WPM;** **Thomas Dean, KA2NXY;** and **Matthew Starr, N2TFA.** **John Leitten, KA2RFT** served as "short notice - on call" back-up.



Radio Association of Western New York
presents

the
19th Annual
**RAWNY
Mini
HAMFEST**

The Largest Hamfest
East of the Mississippi (on a Tuesday Night)

Tuesday, April 11, 2017

The Church of the Nativity
1530 Colvin Blvd., Tonawanda, NY
(one block north of Sheridan Drive)

Doors open at 6:30 pm until ??

Donation: \$2.00 Vendors can set up at 5:30 pm

Tables are limited: \$6.00 for 6' table - \$8.00 for 8' table
NO EARLY BIRDS!!! Coffee is on us!!!

Call Kevin - WA2FKV - at 693-3917 (days), or send an email
to wa2fkv@arrl.net to reserve a table.

REFLECTIONS... (Items from past *Telstar* issues)

This is the November 1968 Telstar. Of interest, are the new frequencies for amateur operators. (Sound familiar?)

TELL * STARS
XI

VOL II
1 NOV '68

PUBLISHED MONTHLY BY THE SOUTH TOWNS AMATEUR RADIO SOCIETY

WB2YNE-L J (RAF) COLA-Pres.
WB2VVF- Bob Jamieson - V Pres.
K2KQC- Valeria Orgera - Secty.

K2KCB - Jack Miller - Treas.
WB2FBE - Ray Limpert - Sgt at Arms.

The S.T.A.R.S. meets on the first and third Thursdays of each month, at the Town Hall, Hamburg, N.Y., on South Park Ave., just North of the Village of Hamburg.

The STARS Net meets every Sunday afternoon at 3850 Kc. at 1400 EST.

Any items reaching the editor by the 25th of the month, will be included in the newsletter.

We're well into the Fall season. The leaves are turning to their brilliant Autumn hues, and propagation is starting to go into its Winter cycle. They tell me that it's even possible to work DX on 160 meters sometimes in the Winter.

The Fall class schedule is about to go into full swing. Our Novice group (going for Novice) is moving right along. We have about 12 members in this group.

The General, Advanced and Extra classes will begin on November 7th. If the number of interested people is as large as we anticipate, we're going to need some help on this and W2VW has been doing a tremendous job with the classes so far. So let's see if we can help Jim out with parts of the class. The classes will be set up as follows:

The Novice class will comprise one group which I will attempt to teach.

The General class will comprise another group. This is the group that we are looking for some help with.

The Advanced and Extra will comprise the third group and will be taught by W2VN.

It I'd like to congratulate Dick Converse on passing his Novice exam, and Don Blackura on his new call, W2BFW.

Yours truly went up to FCC on Oct 4th and somehow got passed the Advanced exam.

In the last newsletter we made a statement that WB2FBE had a new Drake 2C. Now we've found out he didn't get the 2C, but a brand new Hammarlund HQ 215. Good luck, Ray, with that real fine new piece of gear.

NEW FREQUENCIES

Starting November 22nd there will be certain frequencies that each class license holder will be able to use. I'll list them according to license class.

NOVICE: 3.7-3.75Mc, 7.15-7.2Mc, 21.1-21.25Mc, and us a card boys, and let us know what time 145-147Mc. There have been no change in

frequencies for the Novices. However after the 22nd, Novices will be allowed only A1 (CW) transmissions on all of the Novice frequencies.

TECHNICIAN: 50.1-54Mc, 145-147Mc and all Amateur frequencies above these.

GENERAL: All frequencies listed for Tech., plus 1.8-2Mc, 3.525-3.8Mc, 3.85-4Mc, 7.025-7.2Mc, 8.225-7.3Mc, 14.1-14.3Mc, 14.225-14.35Mc, 21.025-21.35Mc, 21.3-21.45Mc, 28-29.7Mc and 144-148Mc.

CONDITIONAL: Frequency privileges are the same as General.

ADVANCED: All frequencies listed for general, plus, 3.825-3.85Mc, 7.025-7.25Mc, 14.2-14.35Mc, 21.275-21.3Mc and 50-50.1Mc.

EXTRA: All frequencies listed for Advanced, plus 3.5-3.55Mc, 3.8-3.85Mc, 7-7.025Mc, 14-14.025Mc, 21-21.025Mc and 21.25-21.275Mc. In other words the Extras will be entitled to work any Amateur freq.

On November 22nd, next year, there will be more frequencies for use by the Advanced and Extra exclusively.

For those of you that get QST, there is a very nice removable chart, that shows, very clearly, the frequencies allotted to each class license.

I'd like to welcome two new members to the club. They are; Tom Ray, and Carl Callenberg, both of Hamburg. Glad to have you with us, boys.

I reported in the October newsletter that none of our out of town members had been contacted as yet. Well, right after the newsletter was printed, I was able to have a real FB QSO with K2HNE W5HF, in Fayetteville, Ark. I try to keep a QSO with Fred every Wednesday evening at 10:00 PM EST. The frequency is usually between 7.22 and 7.24Mc.

I don't think Hank (WB4KRS) and Jerry (WB4KDM) have been able to contact yet. Keep your's usually on. I don't think the early evening would be too good for 40 meters. Later in the evening, probably after 9 would be better continued on page 2.

Hamvention® 2017

sponsored by Dayton Amateur Radio Association since 1952

Same Friends, New Home!

**Greene County Fairground & Expo Center, 120 Fairground Road, Xenia, Ohio 45385
May 19, 20 and 21, 2017**



- Indoor exhibits and meeting areas featuring Amateur Radio manufacturers, equipment dealers, radio clubs, forums, and more!
- Buy your Tickets, Flea Market, and Inside Exhibit spaces online
- Onsite and ADA parking
- Convenient to Dayton (15 miles), Cincinnati (46 miles), and Columbus (53 miles)
- Find lodging and restaurants at www.greenecountyohio.org
- Bring your family: National Museum of the USAF, great shopping, arts & entertainment

www.hamvention.org



ARRL EXPO 2017

Your Hamvention® admission includes entry to ARRL EXPO



Program Highlights

- Special Exhibits and Guests
- ARRL Bookstore
- Presentations
- DXCC Card Checking
- Join or renew with ARRL – and receive a FREE GIFT



ARRL The national association for
AMATEUR RADIO®
www.arrl.org/expo

EXAM SITES

4/01/2017

[Jamestown](#)

Sponsor: CARSC
 Location: Prendergast Library
 509 Cherry Street 2nd fl conf rm
 Contact: Russell D. Trippy (716) 489-4279
 Time: 2:00 PM (Walk-ins allowed)

4/01/2017

[North Tonawanda](#)

Sponsor: ARA of the Tonawandas
 Location: North Tonawanda Fire Headquarters
 495 Zimmerman Street - Training Rm
 Contact: William F. Klepser (716) 839-3525
 Time: 10:00 AM (Registration preferred)

4/5/2017

[Springville](#)



Sponsor: CCARET
 Location: Bertrand Chaffee Hospital Board Room
 222-East Main Street
 Contact: Ray Feness (716)-289-0612
 Time: 7:30 PM (Walk-ins allowed)

4/08/2017

[Jamestown](#)

Sponsor: CCAFMA
 Location: Jones Hill Auditorium
 51 Glasgow Avenue
 Contact: Darlene J. See (716) 450-9752
 Time: 12:00 PM (Walk-ins allowed)

4/09/2017

[Little Valley](#)



Sponsor: Little Valley Vol Fire Dept
 Location: Little Valley Fire Hall
 101 Third St - 2nd fl Banquet Hall
 Contact: Hyler J Gray (716) 945-2055
 Time: 3:00 PM (Walk-ins allowed)

4/11/2017

[Niagara Falls](#)

Sponsor: Niagara Radio Club, Inc.
 Location: Venture Forthe, Inc.
 3900 Packard Road
 Contact: Darren Wade Robbins (716) 478-9663
 Time: 6:30 PM (Walk-ins allowed)

4/15/2017

[Rochester](#)



Sponsor: Rochester ARA
 Location: RIT Gleason Engineering Bldg Rm 3139
 1 Lomb Memorial Drive
 Contact: Donald W. Kiser (585) 613-1035
 Time: 9:45 AM (Walk-ins allowed)

4/22/2017

[Perry](#)

Sponsor: Genesee Valley ARA
 Location: Brick Presbyterian Church
 6 Church Street
 Contact: Lawrence Omans (585) 322-4829
 Time: 2:00 PM (Walk-ins allowed)



- Free; no charge for examination

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

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 0100Z - 0229Z	QRP Fox Hunt	www.qrpfoxhunt.org/winter_rules.htm
Fridays, 0145Z - 0215Z	NS Weekly RTTY Sprint	www.ncccsprint.com
Fridays, 0230Z - 0300Z	NS Weekly Sprint	www.ncccsprint.com
Apr 1, 0000Z - Apr 2, 2359Z	15-Meter SSTV Dash Contest	contests.wsstvc.org/rules
Apr 1, 0400Z - Apr 1, 0800Z	LZ Open 40-Meter Sprint Contest	lzopen.com/lzocc40/indexF.htm
Apr 1, 1000Z - Apr 2, 0400Z	PODXS 070 Club PSK 31 Contest	www.podxs070.com
Apr 1, 1400Z - Apr 2, 0200Z	Mississippi QSO Party	www.arrlmiss.org
Apr 1, 1400Z - Apr 2, 2000Z	Missouri QSO Party	www.w0ma.org
Apr 1, 1500Z - Apr 2, 1500Z	SP DX Contest	www.spdxcontest.pzk.org.pl
Apr 1, 1600Z - Apr 2, 1600Z	EA RTTY Contest	concurso.ure.es/en
Apr 2, 0000Z - Apr 2, 0400Z	North American SSB Sprint Contest	ssbsprint.com/rules
Apr 2, 1900Z - Apr 2, 2030Z	RSGB RoLo SSB	www.rsgbcc.org/hf
Apr 3, 1900Z - Apr 3, 2030Z	RSGB 80-Meter Club Championship, CW	www.rsgbcc.org/hf
Apr 4, 0100Z - Apr 4, 0300Z	ARS Spartan Sprint	arsgrp.blogspot.com
Apr 5, 2000Z - Apr 5, 2100Z	UKEICC 80-Meter Contest	www.ukeicc.com
Apr 6, 1700Z - Apr 6, 2000Z	SARL 80-Meter QSO Party	www.sarl.org.za
Apr 6, 1700Z - Apr 6, 2100Z	NRAU 10-Meter Activity Contest	www.nrau.net
Apr 8, 0700Z - Apr 9, 1300Z	JIDX CW Contest	jidx.org/jidxrule-e.html
Apr 8, 1200Z - Apr 9, 1200Z	OK/OM DX Contest, SSB	okomdx.crk.cz
Apr 8, 1200Z - Apr 9, 2359Z	SKCC Weekend Sprintathon	www.skccgroup.com
Apr 8, 1200Z - Apr 9, 2359Z	QRP ARCI Spring QSO Party	qrparci.org
Apr 8, 1400Z - Apr 9, 2000Z	Texas State Parks on the Air	www.tspota.org
Apr 8, 1400Z - Apr 9, 0200Z	New Mexico QSO Party	www.newmexicogsoparty.org
Apr 8, 1800Z - Apr 9, 2359Z	Georgia QSO Party	www.georgiaqsoparty.org
Apr 8, 2100Z - Apr 9, 2100Z	Yuri Gagarin International DX Contest	gc.qst.ru/en/section/32
Apr 9, 1300Z - Apr 9, 1900Z	International Vintage Contest HF	contestvintage.beepworld.it
Apr 9, 1500Z - Apr 9, 1700Z	Hungarian Straight Key Contest	hskc.ha8kux.com
Apr 10, 0000Z - Apr 10, 0200Z	4 States QRP Group 2 nd Sunday Sprint	http://www.4sgrp.com/SSS/sss_rules.pdf
Apr 12, 0030Z - Apr 12, 0230Z	NAQCC CW Sprint	naqcc.info
Apr 12, 1900Z - Apr 12, 2030Z	RSGB 80-Meter Club Championship, SSB	www.rsgbcc.org/hf
Apr 14, 2100Z - Apr 15, 2100Z	Holyland DX Contest	iarc.org/iarc/#HolylandContest
Apr 15, 0500Z - Apr 15, 0859Z	ES Open HF Championship	www.erau.ee
Apr 15, 0600Z - Apr 16, 0559Z	Worked All Provinces of China	www.mulandxc.org/438
Apr 15, 1200Z - Apr 16, 1159Z	YU DX Contest	yudx.yu1srs.org.rs/2017
Apr 15, 1200Z - Apr 16, 2359Z	CQ Manchester Mineira DX Contest	www.cqmmdx.com/rules
Apr 15, 1600Z - Apr 16, 0400Z	Michigan QSO Party	www.miqp.org/Rules.htm
Apr 15, 1700Z - Apr 16, 1300Z	EA-QRP CW Contest	www.eaqrp.com
Apr 15, 1800Z - Apr 15, 2159Z	Feld Hell Sprint	sites.google.com/site/feldhellclub
Apr 15, 1800Z - Apr 16, 1800Z	Ontario QSO Party	www.va3cco.com/ogp
Apr 15, 1800Z - Apr 16, 1800Z	North Dakota QSO Party	w0nd.com
Apr 16, 1200Z - Apr 16, 2200Z	WAB 3.5/7/14 MHz Data Modes	wab.intermip.net
Apr 16, 1800Z - Apr 16, 2359Z	ARRL Rookie Roundup, SSB	www.arrl.org/rookie-roundup
Apr 17, 0200Z - Apr 17, 0400Z	Run for the Bacon QRP Contest	qrptest.com/pigrun
Apr 17, 1400Z - Apr 17, 2000Z	Low Power Spring Sprint	http://www.hornucopia.com/contestcal/
Apr 17, 1900Z - Apr 17, 2300Z	144 MHz Spring Sprint	sites.google.com/site/springvhfupsprints
Apr 22, 0800Z - Apr 22, 1800Z	QRP to the Field	www.zianet.com/qrp
Apr 22, 1200Z - Apr 23, 1200Z	SP DX RTTY Contest	pkrvq.org/strona.spdxrttyen.html
Apr 22, 1200Z - Apr 23, 1200Z	UK/EI DX Contest, CW	www.ukeicc.com
Apr 22, 1400Z - Apr 23, 2300Z	Nebraska QSO Party	qcwa.org/chapter025.htm
Apr 23, 1700Z - Apr 23, 2059Z	BARTG Sprint 75	www.bartg.org.uk
Apr 25, 1900Z - Apr 25, 2300Z	222 MHz Spring Sprint	sites.google.com/site/springvhfupsprints
Apr 26, 0000Z - Apr 26, 0200Z	SKCC Sprint	www.skccgroup.com
Apr 26, 2000Z - Apr 26, 2100Z	UKEICC 80-Meter Contest	www.ukeicc.com
Apr 27, 1900Z - Apr 27, 2030Z	RSGB 80-Meter Club Championship, Data	www.rsgbcc.org/hf/
Apr 29, 0000Z - Apr 29, 2359Z	Feld Hell Sprint	sites.google.com/site/feldhellclub
Apr 29, 0001Z - Apr 30, 2359Z	10-10 International Spring Contest, Digital	www.ten-ten.org
Apr 29, 1300Z - Apr 30, 1259Z	Helvetia Contest	www.uska.ch
Apr 29, 1600Z - Apr 30, 2159Z	Florida QSO Party	www.floridaqsoparty.org

(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>

Mar 15-Apr 15	NP2VI/100	USVI Transfer Centennial	
Apr 1-Apr 9	VE100VIMY	Canadian Amateurs Remember WWI Battle of Vimy Ridge	
Apr 1-Apr 2	W5C	Chisholm Trail 150th Anniversary	
Apr 3-Apr 9	W0W	Petal-Southern Mississippi Pow-Wow	
Apr 4-Apr 9	W4S	43 Annual SUN n FUN International FLY - IN & EXPO	
Apr 7-Apr 9	AC4RC	70th annual North Carolina Azalea Festival	
Apr 8	NI6IW	Doolittle Raid Special Event	
Apr 11	NY2SP/100	New York State Police 100 year anniversary	
Apr 13-Apr 17	KB7QPS	First Space Shuttle Launch	
Apr 14-Apr 15	various calls	Maritime Radio Day	
Apr 15-Apr 30	W8P	100th Anniversary of the Michigan State Police	
Apr 15-Apr 16	W7ZA	GHARC Birthday Event	
Apr 20-Apr 23	NN4SA	Apollo 16, 45th Anniversary	
Apr 22	W8PRC	5th Annual Earth Day Celebration	
Apr 22	W5BMC	Bayou Teche Black Bear Festival	
Apr 22	N9E	Earth Day 2017	
Apr 22	W8TFC	Feast of the Ramson	
Apr 22	KM1CC	International Marconi Day	
Apr 22-Apr 23	WS8EOC	Michigan State Police 100th Anniversary	
Apr 22	OE17ATOM	OE17ATOM from nuclear energy to SOLAR energy	
Apr 22	WA5PC	Republic of Texas International Boundary Marker Anniversary	
Apr 22	W1BSA	W1BSA on the USS Massachusetts	
Apr 25-Apr 30	* 	150th Anniversary of the Chisholm Trail	
Apr 25-Apr 27	W5M	W5A, W5B, W5C, W5D, W5E, W5F, and W5G.	
Apr 28-May 8	N5B	SIMCOM 2017	
Apr 29-May 5	KM4RE	City of Baton Rouge 200th Anniversary	
Apr 29	W2M	Russell Elementary's 19th Annual 27-hour Space Shuttle Mission Simulation	
Apr 29	N4M	Samuel F. B. Morse Day	
Apr 29	N4M	Samuel F. B. Morse Exhibition	

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