

JULY PARTicles



The newsletter of PART of Westford, MA – WB1GOF

Celebrating 44 years of public service 1975-2019

President's Column

- Andy Stewart (KB1OIQ)

By all accounts, Field Day 2019 was a success! I was happy to help 12 people make contacts in the GOTA station. A few of them were under age 18. We tried the FT8 digital mode for the first time and made many contacts. We added a 10m rig to the VHF station. I never made it to the SSB station, but I startled the operator when I called him from the GOTA station. The operators of the CW station cranked out the contacts. As always, dinner was enjoyed by all. It is always a pleasure to get a visit from Tom (K1TW), our [ARRL Eastern Massachusetts Section Manager](#).

Our Field Day site was unexpectedly visited by several soldiers from the [211th Military Police Battalion](#). They were interested in our radio operations, and especially our ability to build simple but effective wire antennas out of commonly available supplies from the local hardware store. The soldiers toured all of our Field Day operations, and each took a turn at the GOTA station. I understand that they had a great time while learning a lot. George (K1IG) will have a lot more to say about Field Day activities at our next club meeting.

After Field Day, the airwaves didn't get much rest. The [13 Colonies Special Event](#) got started on July 1st, and ran until July 7th. Stations representing each of the original 13 Colonies were creating pileups while people tried to make contact with all 13 colony stations, plus the 3 bonus stations (K2Z, WM3PEN, and GB13COL). I was fortunate to make all 16 contacts on SSB on the evening of July 4th. It took extra effort to make those same 16 contacts on CW, but I succeeded. The 40m band was long in the evening, so it was challenging to hear RI and NH, for example. 80m worked best for those local contacts. There is a certificate for contacting the stations, and each one has its own QSL card. I'll bring them to a meeting sometime soon.

Shortly after the 13 Colonies Special Event, the [IARU HF Championship](#) heated up the airwaves. I'm not a contester, but I had fun chasing the stations. I made 40-50 CW contacts in about 4 hours using a Ten-Tec Century 22 which I rebuilt a year or two ago. This rig puts out about 15-20 watts, and I was using wire antennas. My most distant contact was RU6K at 4800 miles. It was a unique and interesting experience to correctly tune one of the densely packed stations with this direct conversion receiver. I must admit that I like the sound of CW *much* better on this rig than I do on the IC-7300. The Ten-Tec filters are much more pleasing to my ears, as they lack that "wind tunnel" sound.

One of the things that all good ham radio clubs share is the participation of a large percentage of the membership. PART has opportunities in various areas where you can help. Another way to participate is to share your stories about your projects and on-air activities. People will learn from you and they'll be motivated to try something different. We have an amazing amount of brain power and experience in this club, and I'd like to find ways to leverage that for everybody's benefit. While I like to share my stories about what I'm doing in the hobby, I want to encourage you to share your stories, too! Please consider writing an article for PARTicles, or perhaps doing a brief presentation at a club meeting.

Our next club meeting will be held on Tuesday, July 16th, at the Cameron Senior Center in Westford. The meeting starts at 7:30 PM, but people often arrive as early as 7:00 PM to socialize and help setup the chairs. Please consider bringing a non-perishable food item for the [Westford Food](#)



July 2019

Pantry. Your donation will be very much appreciated. Our Field Day Chairman, George (K1IG), will have a lot more to say about Field Day.

Parking on the grass on the left of the driveway is permissible and encouraged.
Have a lot of fun, and 73, Andy (KB1OIQ).

Treasurer's Report

PART Treasury between 21-May'19 and 17-June'19 (As of 18-June'19)

	General Fund	+	Repeater Fund	=	Checking Total
Old Balance	=\$6433.14	+	\$6235.41	=	\$12668.55
Income	+\$ 122.00	+	+\$ 33.00	= +	\$ 155.00
Expenses	-\$ 64.93	+	-\$ 0.00	= -	\$ 64.93
Net	+\$ 57.07	+	+\$ 33.00	= +	\$ 90.07
New Balance	=\$6490.21	+	\$6268.41	=	\$12758.62
Acc. Receivable	+\$1089.70	+	+\$ 11.00	= +	\$ 1100.70
Acc. Payable	-\$ 974.40	+	-\$ 213.35	= -	\$ 1187.75
Net Credit	+\$ 115.30	+	-\$ 202.35	= -	\$ 87.05
Net Worth	=\$6605.51	+	\$6066.06	=	\$12671.57

PART 2019 Membership as of 2-July'19

	Individuals (= New for 2019 + Renew for 2019)	Households (= New for 2019 + Renew for 2019)
Full (\$25)*	28 (= 5 + 23)	[28 (= 5 + 23)]
Senior (\$15)*	43 (= 2 + 41)	[43 (= 2 + 41)]
Family (\$30)	16 (= 0 + 16)	7 (= 0 + 7)
Student (\$15)	0 (= 0 + 0)	[0 (= 0 + 0)]
Associate (\$10)	0 (= 0 + 0)	0 (= 0 + 0)
Grand Total*	87 (= 7 + 80)	78 (= 7 + 71)

ARRL members:* 78
(Including ARRL Life members:* 13)
Starred lines changed since 5-Jun'19.

PART members in good standing for 2019 as of 7/2/2019

AA1HO	AA1O	AB1HD	AC1DJ	AG1A	AJ1Y	K1ALL
K1ARG	K1CL	K1EJ	K1GOI	K1IG	K1NS	K1OPE
K1OTA	K1PAK	K1SRW	K1TW	K1VNV	K1ZY	K3XL
K9DOG	KA1IKK	KA1ULN	KA1VF	KA8SCP	KB1DY	KB1EDE
KB1GMX	KB1LSH	KB1NIQ	KB1OIQ	KB1OPM	KB1OPO	KB1QAT
KB1SWZ	KB1UKU	KB1WMH	KB1ZKD	KC1ACV	KC1AJJ	KC1EYO
KC1FAC	KC1FGH	KC1HSC	KC1JTQ	KC1LDV	KD1D	KE8UW

PARTicles - July 2019

KZ1CY	N1BE	N1BKR	N1CEO	N1DAM	N1ECC	N1HY
N1IEC	N1NCO	N1QGE	N1RXV	NE1RD	W0TJP	W1ADL
W1AHM	W1BP	W1BX	W1CCE	W1DJR	W1FDR	W1GCF
W1GXH	W1IS	W1KAZ	W1KBE	W1LKS	W1LTN	W1MGA
W1RAG	WA1CYB	WA1SMB	WA2YHR	WB1AAT	WB1AMY	WB1BQE
WB1HBE	WB2OSZ	WI1R				

Total: 87 individuals

 ***** Send your 2019 dues to *****

Check (to ``PART of Westford``):
 PART, P.O. Box 503, Westford, MA 01886-0015

-or-

Check (to ``PART of Westford``), or cash:
 Meeting, Cameron Senior Center,
 7:30PM, Tuesday, 16-July'19

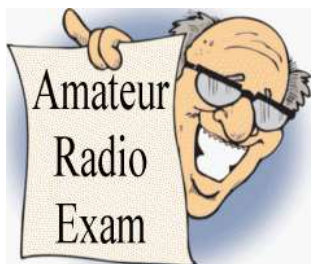
PART's official mailing address is:

PO Box 503
 Westford, MA 01886

Our website is: <http://wblgof.org>
 Our forum is: <http://wblgof.net/forums/>
 Contact us at: info@wblgof.org
 Follow us on Twitter: www.twitter.com/wblgof
 Like us on Facebook: www.facebook.com/wblgof

PART Officers:

President: Andy (KB1OIQ) Stewart
 Vice President: George (K1IG) Allison
 Secretary: Chauncey (K1OPE) Chu
 Treasurer: Alan (W1AHM) Martin
 Director-At-Large: Bob (W1IS) Glorioso



The Billerica BARS VE team conducts VE Sessions on 2nd Thursday of every month. They are held in the church hall of The Chelmsford Bible Church, 128 Gorham St, East Chelmsford at 7pm. New license and upgrade tests. Walk-Ins, not a problem. No Reservations needed. For more information, contact: Gary W1GFF at 978-453-1100 [Email Gary W1GFF](mailto:Gary.W1GFF@arrl.org)

Upcoming PART Meetings/Events

Tuesday July 16th 2019

- PART Meeting. 7:30 -9:00 p.m. LOCATION: Cameron Senior Center, 20 Pleasant St., Westford MA

Saturday August 3rd 2019

- PART monthly breakfast. Paul's Diner. 8-9:30 AM

Tuesday August 20th 2019

- PART Meeting. 7:30 -9:00 p.m. LOCATION: Cameron Senior Center, 20 Pleasant St., Westford MA

Saturday September 7th 2019

- PART monthly breakfast. Paul's Diner. 8-9:30 AM

Tuesday September 17th 2019

- PART Meeting. 7:30 -9:00 p.m. LOCATION: Cameron Senior Center, 20 Pleasant St., Westford MA

Saturday October 5th 2019

- PART monthly breakfast. Paul's Diner. 8-9:30 AM

Tuesday October 15th 2019

- PART Meeting. 7:30 -9:00 p.m. LOCATION: Cameron Senior Center, 20 Pleasant St., Westford MA



This is your pre-meeting reminder to add something to your weekly shopping to bring to the next meeting. Watch your e-mail for specific needs this month.

PART member donations have been greatly appreciated in the past and we hope to continue this great community service at every meeting.

Monthly PART Meetings and Social Events

- Every Sunday, 8 PM – PART Net on 146.955 repeater, Echolink Node 380799
- Every 3rd Tuesday, NEW TIME - 7:30 PM – PART Meetings at Cameron Senior Center
- Every 1st Saturday, 8 AM, Paul’s Diner Westford – PART Monthly Breakfast
- Every Wednesday, 6 AM, Owl Diner Lowell – Breakfast



Volunteers!



The club needs your help! We are looking for a couple of people to assist with the essential pieces.

Website administration – help us keep our website current with content, announcements and events.

Newsletter co-editor – share the role of editor to publish our newsletter.



WB1GOF/PART window/bumper stickers available at PART meetings and events. Proceeds go to the “repeater fund”.

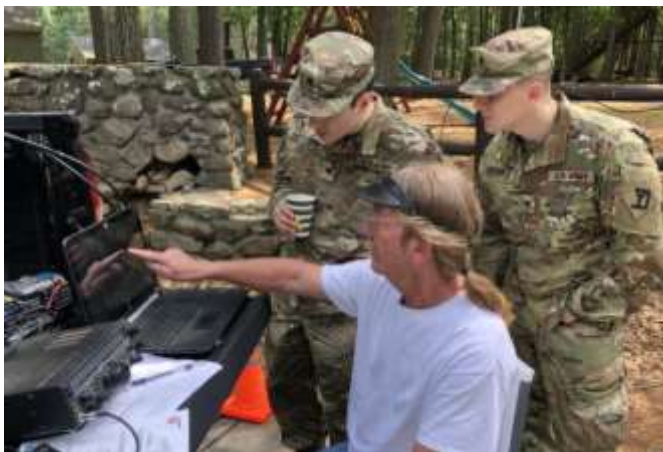


PART Field Day

Field Day 2019 was a great success – we ran four stations, along with a satellite and Get-On-The-Air (GOTA) station, made almost 1,300 contacts, and hosted 75 participants and visitors at the Concord Rod and Gun Club. Although rain and even a hailstorm on Saturday reduced our operating time, we were able to maintain a contact rate of almost one per minute for the whole 24 hours.

Highlights of the event included:

- Our first use of the new FT-8 digital mode. Rich, AB1HD, and Steve, W1KBE, ran the station and provided a lot of training to club members.
- A very efficient antenna set-up on the Friday before Field Day, and an even more efficient tear-down on Sunday. Thanks are due to the many volunteers who helped out on both days.
- A visit from communications specialists of the 211th Military Police Battalion, based in Lexington, MA. These soldiers came to Field Day to learn about communications under emergency conditions.



A full Field Day report will be given at the PART meeting on Tuesday, July 16, along with presentation of some very special awards. Come to the meeting and see how we did!

George, K1IG

Field Day Chairman

Monthly PART Meetings Minutes

Minutes PART meeting June 18, 2019

Cameron Senior Center, Westford, MA
7:30 PM - 9:00 PM

Officers Present:

Andy, KB1OIQ, Pres
George, K1IG, VP
Alan, W1AHM, Treasurer
Chauncey, K1OPE, Secretary
Bob, W1IS, Director at Large

Attendees: 36

Andy, KB1OIQ, opened the meeting with the usual round of introductions.

Andy and Hugh, N1QGE, thanked everyone for their Food Pantry donations.

Announcements

1. Kit building event. Steve, W1KBE, updated us that all parts are in. Just need to schedule a start date. The anonymous member who funded this kit building event has generously funded a second event. Thank you.
2. Alan, W1AHM, gave the Treasurer's Report:
 1. Last member count since May is 83.
 2. Recent balance in the cash account is \$12,758 with \$6,268 in the Repeater Fund.
3. Andy recently visited Bo, WA1QYM, in the Sunny Acres rehab hospital. He looks forward to being discharged in the next couple of days. We can help Bo by putting back his antennas that have fallen. Stay tuned for an antenna rising date.
4. From an earlier request, Andy, received a donated laptop and has passed this on to a fellow ham. Thank you.
5. Rob, KE8UW, passed around his finished edition of the PART brochure.
6. Steve mentioned the Nashua radio club's growth to 200 members with their emphasis on getting young people interested in the hobby and science.

The speaker for the evening was George, K1IG, who gave a thorough description of Field Day preparations:

1. Field Day to be held this June 22-23.
2. Classification 4A.
 1. Held at the Concord Rod and Gun Club, 74 Strawberry Hill Road in Concord.
3. Antenna setup will be on Friday, June 21, starting at noon
4. Schedule beginning Saturday:
 1. 8 AM Setup
 2. 11 AM Training
 3. 12:30 Lunch – cold cuts
 4. 2 PM Operations begin

5. 6 PM Spaghetti dinner
6. Sunday at Noon Lunch
7. 2 PM Operations end and teardown
5. Weather – Friday showers in the AM; weekend to be sunny in the 55⁰-80⁰ range.
6. Propagation forecast:
 1. Best bands will be 80m, 40m and 20m
 2. Look for band openings on 10m
7. Need to sign in to receive points for 18-and-under minors.
8. Site coordination will be on 446.025 simplex.
9. Looking for 50 visitors. Invite everyone.
10. George explained how to get the many bonus points.
11. Operating points:
 1. Class is 4A
 2. Eastern Mass = EMA
 3. Make sure correct section is exchanged
 4. License class of the control operator at the time determines band limits
 5. W1AW Field Day Bulletins
 6. Send Messages
 7. Generator operations - safety and refueling
 8. Bob, W1IS, spoke on the antennas to be used and their associated equipment.
12. Station Chiefs:
 1. CW – Bob, W1IS
 2. Phone – George, K1IG
 1. Described the functions of his K3 control board
 2. Use diversity reception
 3. Digital – Rich, AB1HD
 1. Use FT8
 2. Interested to see how this mode does
 4. VHF/10m – Allison, KB1GMX
 1. Will operate 2m, 6m and 10m, most modes
 5. GOTA – Andy, KB1OIQ
 6. Satellite – Bob, KB1SWZ
13. There will be a 2m and 80m Fox Hunt.
14. Dale, KB1ZKD, gave a Safety Briefing
 1. Safety risks
 1. Critters
 2. Weather
 3. Generator
 4. Slips and trips

Everyone have a safe and fun Field Day.

See everyone next month.

73

Chauncey, K1OPE

Ham Fleas/Events

Links to Massachusetts hamfest websites (partial)

Cambridge MA	Flea at MIT	http://www.swapfest.us
Boxborough MA	NE ARRL Conv	http://www.boxboro.org
Adams MA	N BerkshireARC	http://www.nobarc.org/hamfest.htm
Chicopee MA	MTARA	http://www.mtara.org
Falmouth MA	FARA	http://www.falara.org
Framingham MA	FARA	http://www.fara.org/
		http://www.n1em.org
Marlboro MA	AARC	http://www.qsl.net/n1em/
Newton MA	Waltham ARA Auction	http://www.wara64.org/auction/
Rockport MA	CAARA	http://www.caara.net
S Dartmouth MA	SEMARA	http://www.semara.org/
Wakefield MA	Photographica	http://www.phsne.org/
Westford MA	NEAntiqueRC	http://www.nearc.net/ (moved to Nashua NH)
Whately MA	FranklinCARC	http://www.fcarc.org/news.htm
Whitman MA	WARC	http://www.wa1npo.org
Worcester MA	WPI ACM	http://acm.wpi.edu/swapmeet/
Dayville CT	ECARA	http://www.qsl.net/k1muj
Gales Ferry CT	RASON	http://www.rason.org
Gales Ferry CT	TCARC	http://www.qsl.net/tricityarc
Goshen CT	SBARC	http://www.sberk.org
Hartford CT	ARRL 100 th	http://www.arrrl.org/convention-volunteers
Manchester CT	VHF/UHF Conf	http://www.newsvhf.com/ (was Enfield)
Manchester CT	PVRA	http://www.pvra.net
Meriden CT	Nutmeg CT Conv	http://www.nutmeghamfest.com (was Wallingford)
Newington CT	NARL	http://www.narlhamfest.org
Newtown CT	CARA	http://www.cararadioclub.org
North Haven CT		http://www.yankeehamfest.com
Southington CT	SARA	http://www.chetbacon.com/sara.htm
Vernon CT	NARC	http://hamfest.na1rc.org
Wallingford CT	Nutmeg CT Conv	http://www.nutmeghamfest.com (moved to Meriden CT)
Windsor CT	Vintage R Mus	http://vrcmct.org/
Agusta ME	AARA	http://www.w1tlc.com/
Alexander ME	StCVARC	http://stcroixvalleyamateurradioclub.org
Hermon ME	PSARC	http://n1me.org/index.php?pr=Hamfest
Lewiston ME	AARC	http://www.w1npp.org/pages/meconvention2018.html
S. Portland ME	PAWA	http://www.qsl.net/pawa/hamfest.html
St. Albans ME	PARC	http://www.qsl.net/parc/hamfest/hamfest.html
Thomaston ME	PBARC	http://penbayarc.org
Windsor ME	AARA	http://www.w1tlc.com
Brookline NH	NEAntiqueRC	http://www.nearc.net
Deerfield NH	NEAR-Fest	http://www.near-fest.com/
Hampton NH	PCARC	http://www.w1wqm.org
Henniker NH	CVRC	http://k1bke.org/
Londonderry NH	IRS	http://www.irs.nhradio.org/
Manchester NH	NEAntiqueRC	http://www.nearc.net (Moved to Westford MA) (Moved to Brookline NH)
N Conway NH	WMARC	http://www.w1mwv.com
Nashua NH	NEARC	http://www.nearc.net (was Westford MA)
Rochester NH	GBRA	http://www.w1fz.org/
Bergen NJ	BARA	http://www.bara.org/
Sussex NJ	SCARC	http://www.scarcnj.org/www.scarcnj.org/flyer_2007.htm
Ballston Spa NY	SCRACES	http://k2dll.net/



E Greenbush NY E Greenbush ARA <http://www.w2egb.org>
 Fishkill NY MtBARC <http://www.wr2abb.org/> (was LaGrangeville)
 Lake Placid NY NNY ARA http://www.northnet.org/nnyham/hamfest_flyer2004.htm
 Lindenhurst NY ToB ARES <http://www.tobares.org/hamfest.html>
 Lindenhurst NY GSB ARA <http://www.gsbarc.org/Hamfest.htm>
 Long Island NY LIMARC <http://www.limarc.org/fest.htm>
 Middletown NY OCARC <http://www.ocarc-ny.org/>
 Queens NY Hall of Science <http://www.hosarc.org/>
 Rochester NY AWA <http://www.antiquewireless.org/>
 Rochester NY RARA <http://www.rochesterham.org/hamfest.htm>
 Staten Island NY CPARA <http://www.wa2cp.org>
 Wallkill NY OCARC <http://www.ocarc-ny.org>
 Greenwich RI Fidelity ARC <http://users.ids.net/~newsm/dates.html>
 Forestdale RI RIFMRS <http://www.qsl.net/riafmrs/Auction.html>
 Woonsocket RI BVARC <http://www.w1ddd.org>
 Colchester VT HAM-CON VT Conv <http://www.ranv.org/hamcon.html> (Moved to S Burlington)
 St. Albans VT STARC <http://www.starc.org/>
 Springfield VT CVFMA <http://www.cvfma.org/>
 USA ARRL List <http://www.arrl.org/hamfests.html>

New England Area Ham/Electronic Fleas: <http://web.mit.edu/w1gsl/Public/ne-fleas>

2019

21 July Cambridge MA Flea at MIT Mitch 617 253 3776 F+
 27 July Windsor ME AARA @FG Bill K1NIT 207 623 9075 A+
 3 Aug Milo ME PARC @Kiwanis George WA1JMM 207 441 6112 A+
 10 Aug St Albans VT STARC @Elks Arnold N1ARN 802 782 6650 A+
 17 Aug Adams MA NoBARC @FG \$5@7 \$10/TG@6:30 Eric 413 743 9975 F+
 18 August Cambridge MA Flea at MIT Mitch 617 253 3776 F+
 25 Aug Newtown CT CARA @TownHall \$7@8 \$20/T John W1JGM 203 417 0160 +
 7 Sept Windsor CT VR+CMus @8 Antique John 860 673 0518 +
 7-8 Sept Boxboro MA NEHamXposition B\$18 Mike K1TWF 978 456 5031 +
 8 Sept Ballston Spa NY SCARA @FG Peter W2BEW 518 893 7484 A+
 15 Sept Cambridge MA Flea at MIT Mitch 617 253 3776 F+
 28 Sept Brookline NH NEARC antique 603 772 7516 +
 8 Oct Queens NY HOSARC @HOS Stephen WB2KDG 718 898 5599 +
 11,12 Oct Deerfield NH NEARfest XXVI @FG Mike K1TWF 978 250 1235 +
 13 Oct Meriden CT Nutmeg @Sheradon John Bee N1GNV : 203 440-4973 A+
 20 October Cambridge MA Flea at MIT Mitch 617 253 3776 F+
 27 Oct Queens, NY HOSARC @HOS Stephen WB2KDG 718 898 5599 +
 27 Oct Hicksville NY LIMARC @LevitHall\$6@9+\$22/T@7 Richard K2KNB 516 694 4937 A+
 2 Nov Gales Ferry CT TCARC @FireCo auction Tom WA2RYV 860 464 6555
 7 Dec Windsor CT VR+CMus @8 Antique John 860 673 0518 +

2020

18 Jan Whitman MA WARC @KoC Rt18 \$5@8:30 \$15/T@7 Chris N1CFB 508 224 8528 +
 7 Mar Chicopee MA MtTARA @Castle \$5@8:30 S@6:30 Brian N1FI 508 478 6790 +

Upcoming Nearby Hamfests/Fleamarkets

Flea at MIT

Sunday, 21-Jul'19

Sunday, 18-Aug'19

Buyers \$6.00, 9:00AM-2:00PM (\$1.00 discount with flyer:

<http://web.mit.edu/w1mx/www/swapfest/swapfest-2019.07.pdf>

Garage on Albany St. Cambridge, at Portland St.

<http://goo.gl/maps/KpTQO>

<http://web.mit.edu/w1mx/www/swapfest/buyers-parking.pdf>



The PART monthly meetings are held at the Cameron Senior Center, 20 Pleasant Street in Westford. ***NOW STARTING AT 7:30 PM***

Click [here](#) for the address and information.

Special Event Stations in New England

- **07/20/2019 | 50th Anniversary of the 1st Manned Moon Landing**

Jul 20-Jul 28, 1300Z-2359Z, K1M, Ansonia, CT. Stratford Amateur Radio Club, Inc.. 14.275 7.225 3.825. QSL. K1M , 32 Benz Street, Ansonia, CT 06401.

- **08/03/2019 | 31st Annual Salem Maritime Festival**

Aug 3-Aug 4, 1400Z-2200Z, N1S, Salem, MA. Hampden County Radio Association. 14.300 14.044 7.200 145.250. QSL. Nick Mollo, 199 Taft Road, Wilmington, MA 01887. Contact credit for WWFF / KFF, Parks on the Air, and ARLHS. Find us on the sats too! See QRZ for details. <https://www.qrz.com/db/n1s>

- **08/17/2019 | Burnt Coat Harbor Lighthouse International Lighthouse/Lightship Weekend**

Aug 17-Aug 18, 0001Z-2359Z, W2DAR, Swans Island, ME. W2DAR. 40 meters, SSB, near 7.240 MHz, power level 100 W. QSL. Ronald Jocher, W2DAR, 24 Park Terrace, East Hanover, NJ 07936. #US0232 ILLW, Burnt Coat Harbor Lighthouse, 433 Harbor Rd.

- **09/05/2019 | HamXposition**

Sep 5-Sep 8, 0000Z-2359Z, W1UE, Marlborough, MA. New England Division convention. 14.200. QSL. Dennis G Egan, 166 Wilson St, Marlborough, MA 01752. egan.dennis88@gmail.com

- **09/07/2019 | K1B Celebrating the Life and Legacy of PT Barnum Special Event Station**

Sep 7-Sep 8, 1330Z-2100Z, K1B, Westport, CT. Greater Bridgeport ARC, Westport Astro Society ARC, Housatonic ARC. 20, 40, 80 meters; SSB, CW and FT8. QSL. Ken Johnson, NE1CU, P.O. Box 421, Stratford, CT 06615.

- **09/14/2019 | Ashland, NH Railroad Station 150th Anniversary**

Sep 14, 1300Z-2200Z, W1A, Ashland, NH. Ashland, NH Railroad Station Museum. 14.125; SSB & CW on 80M, 40M, 20M. Talk-in on 146.52 Simplex. QSL. John Dufprat, 519 Norwich-Salem Turnpike, Oakdale, CT 06370. Celebration to commemorate the 150th anniversary of the Ashland, NH Railroad / Telegraph Station. WB1CFY@arrl.net

- **09/21/2019 | Scout Camps on the Air**

Sep 21, 1300Z-1900Z, W1M, Russell, MA. Western Mass Council-Scouting BSA. 14.290 14.060 7.030 7.190. QSL. Tom Barker WA1HRH, 329 Faraway Road, Whitefield, NH 03598. WHOA outdoor adventure weekend. Using special call sign W1M. Will operate on Saturday between 9am and 3pm ET on SCOTA recommended frequencies. A special QSL card is available for a 4x6 sase. Paper logging is used and there will probably be some delay in mailing qsl cards.

- **09/28/2019 | Dempsey Challenge Bicycle Race**

Sep 28-Sep 30, 1300Z-1200Z, N1D, Auburn, ME. Androscoggin Amateur Radio Club. 28.460 14.270 14.035 7.200. Certificate & QSL. Androscoggin ARC W1NPP, P.O. Box 1, Auburn, ME 04212-0001. This is 11th year. Thanks for your help in all these years! www.w1npp.org

- **10/19/2019 | Jamboree On The Air/Jamboree on the Internet.**

Oct 19-Oct 22, 1300Z-1900Z, W1M, Russell, MA. Western Mass Council, Scouting USA. 7.190 7.040. QSL. Tom Barker, 329 Faraway Road, Whitefield, NH 03598. Look for us on Brandmiester JOTA talk group as well as Mass, Vermont, and NH state wide tg's. Special QSL available through eqsl or sase to WA1HRH, good on QRZ.com.

- **11/16/2019 | Scout Camps on the Air**

Nov 16, 1400Z-2000Z, W1M, Russell, MA. Western Mass Council Scouting USA. 14.290 14.060 7.190 7.030. QSL. Tom, Barker, 329 Faraway Road, Whitefield, NH 03598.

Complete listings at: <http://www.arrl.org/special-event-stations>

D-STAR News

KC1EGN to go OFFLINE on August 1st, 2019!

The Windham KC1EGN D-STAR repeater, owned by Dave Merchant-K1DLM, has started advising area D-STAR hams and registrants, that the repeater will be taken offline on August 1, 2019. Current users who have registrants on KC1EGN, will be migrated to WB1GOF in the next few weeks. Terry-KA8SCP will be providing logon credentials to those users.

Users will NOT lose their ability to connect to DPLUS reflectors, the migration to the USTRUST affiliated WB1GOF will insure continued connectivity.

D-STAR Nets

The number of "nets" increases all the time on D-STAR. Here are a couple that are popular:

CANNet XRF021B, XRF038A or XRF905B

Fridays - 9pm Eastern, 8pm Central, 7pm Mountain, 6pm Pacific

<https://www.facebook.com/groups/1158811930948057> & Groups.io <https://groups.io/g/XRF038A>

New England D-STAR Net, Tuesdays 8:00 PM REF069C

Tuesdays - 8pm Eastern

Note: Most of the New England D-Star repeaters carry this net. Tune in the WB1GOF UHF D-STAR on 442.450

Reflectors

Over the years since WB1GOF D-STAR came online, we have traditionally kept our primary/wide-area repeater on 442.450, the B-side, on a New England based dplus-reflector. Early on we used to be on Reflector 10, Module C... or 10-Charlie. Due to regular outages, we left 10C and moved the B-side repeater to 50-Charlie where we remain at most of the time now, it is the repeater's DEFAULT state. 50 Charlie is where many of the other New England area repeaters call home: K1HBR in Hampton Beach, NH; K1HRO in Salem, NH; KC1EGN in Windham, NH, KB1ZEG in Falmouth; MMRA repeaters K1MRA in Brookline, MA and W1MRA in Marlborough, MA; KS1R in Brunswick, ME; W1DSR in Holliston, MA are almost always connected to. This gives an RF users a way to have a long-term QSO while driving thru New England.

On the 145.330, C-side, repeater it is usually tuned to an XRF reflector, 38-Alpha. XRF038A is linked to a "super" XRF reflector, 905A, which has multiple gateways and other reflectors. On Friday nights, these collection of reflectors via XRF021A/XRF005A hosts the Can-Net, an all Canada net.

New Users

It has been a busy last few months with plenty of new WB1GOF D-STAR registrations. If you hear them on... say hello! New users can register at <https://wb1gof.dstargateway.org/Dstar.do>

As of 7/14/2019, WB1GOF has 455 "registered users"

WB1GOF new users:

KB1GQK	2019-06-16 06:20:06.272277	joseph juliano
NI1L	2019-06-16 23:34:11.95787	Leszek Lechowicz
N1OSP	2019-06-17 18:25:01.421514	michael dennis
KB0UOU	2019-06-20 15:39:04.460613	Mark Poynor
KB1IWE	2019-06-21 20:55:13.479586	Paul
KD2CDU	2019-06-26 19:51:52.611524	Michael Barnard
KE4NTU	2019-06-27 01:13:29.756527	Bryan Pillai
6Y5WW	2019-07-01 18:13:45.5997	William Reynolds
KE1LU	2019-07-04 15:43:25.607284	Mike
KC1LKO	2019-07-06 01:44:10.834632	Miguel Estrada
DL6BFL	2019-07-06 07:43:51.285598	Bernd Stuh



Amateur Radio News



From eHam.net News:

Making Contact:

by marshallindependent.com on July 14, 2019

Ham radio operators practice for emergencies: Four members of the club huddle around Landby and the ham radio on the top floor of the five-story training tower next to the Minnesota Emergency Response and Industrial Training (MERIT) center in Marshall. Landby is wearing a brown cap with his name and call sign, KBOHAP,

in the front and also pinned to the side. The other club members huddled around him and the radio are also wearing their unique caps with their call signs on them. The American Radio Relay League (ARRL) is a national association for amateur radio in the U.S. Representing 170,000 FCC-licensed amateurs, according to press release on the Field Day event. The release claims Field Day is the single most popular on-the-air event held annually in the U.S. and Canada. The ARRL was expecting 35,000 radio amateurs to gather with their clubs, groups or friends to operate from remote locations. He and the other club members explained that the disaster could be a tornado with power lines down and cell towers damaged. They said ham radio operators can relay information for first responders or people trying to reach love ones.

2019 IARU World HF Championship Contest:

by WIA on July 13, 2019

The 2019 International Amateur Radio Union (IARU) High Frequency (HF) World Championship Contest takes place the second full weekend of July, beginning 1200 UTC Saturday and ending 1200 UTC Sunday (13-14 July 2019). Both Single and Multi operator stations may operate the entire 24-hour period.

2 Meter European Propagation Experiment on July 20, 2019:

by WIA on July 13, 2019

A lot is possible at the VHF and that became clear again last week. First a connection with the Longjiang2 and then the first transatlantic connection at 2 meters. That is why department a41 Flevoland wants to investigate this further. On Saturday, July 20, 2019 at 5 p.m. - 7 p.m. (7 p.m. local time) a41 Flevoland is organizing a 2-meter propagation experiment.

40-Foot Tesla Coil Demonstration Planned for Tesla Birthday Expo Saturday:

by riverheadnewsreview.timesreview.com on July 13, 2019

As part of this year's annual celebration of famed inventor Nikola Tesla's birthday, a demonstration of a 40-foot Tesla coil will be the centerpiece of Saturday's event presented by The Tesla Science Center at Wardenclyffe. The Tesla Birthday Expo Saturday afternoon will feature the giant four-story coil presented by its designer, Greg Leyh, an electrical engineer who has built some of the world's largest natural lightning devices. In addition to the Tesla coil demos, the 2019 Birthday expo will have a number of exhibits, including robotics, amateur radio, Tesla coils, Tesla vehicles, cymatics and more. Hands-on science and tech stations will also be available for kids and adults. Tesla-inspired entertainment and music, local food artisans and vendors, and local businesses focused on science and tech will be featured, as well as a new presentation on the history of Wardenclyffe from Joe Sikorski, director of the award-winning documentary "Tower to the People."

Foundations of Amateur Radio #214

by Onno VK6FLAB on July 13, 2019

What would you do if you found that at random times your garage door opener didn't work, or the Wi-Fi network dropped out, or you couldn't switch off a light with an RF controller?

Propagation Forecast Bulletin #28 de K7RA:

by W1AW Bulletin via the ARRL on July 12, 2019

Like June 24 to 27, July 7 had a new spot from cycle 25, according to the magnetic signature. This week's brief appearance was last Sunday with a daily sunspot number of 12.

Volunteers Provide Much Needed Help During Disasters and More:

by ksBW.com on July 12, 2019

SANTA CRUZ, Calif. -- Santa Cruz County has a very active Community Emergency Response Team, or CERT, presence as well as a team of ham radio operators who are the unsung heroes during a disaster. Each week ham radio operators check the California Office of Emergency Services and network with other ham

operators throughout the state. They play a pivotal role in emergencies and natural disasters through groups like the Amateur Radio Emergency Service (ARES) and The Amateur Radio Relay League (ARRL). They are volunteers trained and licensed to operate radio communications. CERT training happens all over the state - including Santa Cruz County for hazards that might impact their community. "We can talk to people and relay for the Sheriff's department, police department, or the fire where their radios can't. We can work with the Red Cross to communicate around the country," said, Gary Watson, assistant district emergency coordinator of Santa Cruz County ARES.

[Learn a 'New Way' to Communicate During an Emergency!](#)

by wowktv.com on July 12, 2019

KANAWHA COUNTY, W.Va (WOWK) -- We're always hearing the latest trends in cellphone and internet technologies. But what happens when you are not able to use them in emergency situations? These events have at times crippled methods of communication, such as phone calling, internet infrastructure, and texting. Jim Damron (N8TMW) is an amateur ham radio operator in Kanawha County. Ham radio is a hobby and service that brings together people, electronics, and communication. People use ham radio to talk across town or around the world without the use of the internet or cellphones. Though many see it as a fun hobby, it can be a lifeline during times of need. "The big plus of ham radio is that in emergencies, it can provide communication when none are available," remarks Damron.

[Solar Weather Has Real, Material Effects on Earth:](#)

by phys.org on July 12, 2019

On Sep. 1, 1859, solar astronomer Richard Carrington witnessed sunspots that suddenly and briefly flashed brightly before they disappeared. Just before dawn the next day, auroras erupted over most of the Earth, reaching as far south as the Caribbean and Hawaii while southern lights were seen as far north as Chile. The event produced not only a visible light show in areas where they do not typically appear, but it also sent telegraph systems around the world haywire. Given the state of technology during Carrington's time, the impact of a geomagnetic storm was limited to disruptions of telegraph service. If something similar happened today, the world's technological infrastructure could grind to a halt. Extreme space weather events such as geomagnetic storms are more disruptive now than in the past. This is because of our greater dependence on technical systems that can be affected by electric currents and energetic particles high in the Earth's atmosphere.

[Ham Radio Ops Enjoying Popularity Boost Thanks to Game Streaming Platform:](#)

by techiegamers.com on July 12, 2019

Ham radio appears to be a lot more popular than previously imagined, with an estimated 757,638 amateur radio enthusiasts living in the USA alone, according to data released by the National Association of Amateur Radio. The term 'ham operator' dates back to the 19th century, when amateurs who made mistakes in their Morse code transmissions were said to be 'ham fisted'. Today, ham radio is essentially considered to be a very geeky hobby, and despite having such a notable following, mainstream media outlets simply do not reflect its growing popularity. It's only since the internet became easily accessible by the masses that amateur radio operators have found a voice among a steadily-increasing audience. Amateur radio has enjoyed somewhat of an online revival of late, and it is mostly thanks to its connection to gaming. Twitch may be known as the world's leading live streaming platform for gamers, but it has also become home to a number of ham radio channels, such as NT1K and W2Re, whose presence was driven by the improved quality of modern-day transmission equipment. Due to this, ham radio streaming as a whole has garnered a huge following, especially in countries such as China and India that enjoy large-scale digital mobilization. These countries are putting the increase in ham radio usage to good use, and are actively developing essential infrastructure and communication projects that can be of great benefit to the amateur radio community.

[In Brief...](#)

by The ARRL Letter on July 11, 2019
In Brief...

[ARISS-International Delegates Meet In Montreal:](#)

by The ARRL Letter on July 11, 2019

Representatives of nine nations were on hand as Amateur Radio on the International Space Station (ARISS) held its 2019 "face-to-face" meeting of international delegates at the Canadian Space Agency in Montreal, June 26 - 28. ARISS-Canada was the host for the gathering. A high point of the conference came when JVC Kenwood Software Manager Shin Aota, JL1IBD, presented two Kenwood TM-D710GA transceivers to ARISS-Russia delegate Sergey Samburov, RV3DR. One of the TM-D710GA radios will replace aging Amateur Radio equipment currently in use on the International Space Station, while the other will remain on Earth as a spare for training cosmonauts. For more than a year, these radios have undergone rigorous NASA qualification testing followed by final software configuration and verification.

[Historic Amateur Radio Contact via Moon-](#)

by The ARRL Letter on July 11, 2019

A contact between radio amateurs in Germany and China took place on July 1 via the moon-orbiting LO-94 satellite, DSLWP-B, launched in May 2018. The two-way exchange between Reinhard Kuehn, DK5LA, in Sorup, Germany, and Harbin Institute of Technology club station BY2HIT (operated by Wei Mingchuan, BG2BHC), in Harbin, China, occurred between 0551 and 0728 UTC, according to reports. The GMSK-to-JT4G repeater onboard DSLWP-B was used to make the contact, the first ever via a lunar-orbiting repeater.

[W1AW, NU1AW To Be Headquarters Multipliers for The IARU HF Championship:](#)

by The ARRL Letter on July 11, 2019

During the IARU HF Championship contest July 13 - 14, the ARRL HQ station will be W1AW/7, on the air from Nevada with Tom Taormina, K5RC, as control operator. IARU Secretariat Club station NU1AW will be on the air from KC1XX in New Hampshire and K1TTT in Massachusetts and counts as the IARU HQ station.

[IARU President Offers Assurances Regarding French 144-146 MHz Proposal:](#)

by The ARRL Letter on July 11, 2019

International Amateur Radio Union (IARU) President Tim Ellam, VE6SH/G4HUA, said his organization empathizes with the concerns of radio amateurs worldwide regarding a French proposal to allocate 144 - 146 MHz to the Aeronautical Service on a primary basis, essentially sharing it with Amateur Radio. The band is currently allocated to Amateur Radio on a primary basis around the world. Ellam this week offered assurances that the IARU is on top of the matter, which is still a regional issue, and is already working to keep the band in the hands of radio amateurs. While the issue could end up on the agenda of World Radiocommunication Conference 2023 (WRC-23), a lot would have to happen first.



- [Introduction to DX News. From DXNews.com](#)
 - This is basic information for people with no prior knowledge of Amateur Radio, DX and Radiosport.
- [C5SP Gambia. From DXNews.com](#)

- Przem, SP3PS will be active as C5WP from Gambia, 23 July - 5 August 2019.
- [4L/G4ENL Georgia. From DXNews.com](#)
 - Peter Jewitt, G4ENL ex 9X9PJ has moved to Georgia for a few years and will soon be active on HF Bands SSB, with the call 4L/G4ENL.
- [5H3UA 5H3EME Zanzibar Island. From DXNews.com](#)
 - 5H3UA 5H3EME Team will be active from Zanzibar Island, IOTA AF - 032, 15 - 30 November 2019.
- [W9HT/VP9 Bermuda Islands. From DXNews.com](#)
 - Josh, W9HT will be active as W9HT/VP9 from Bermuda Islands, IOTA NA - 005, 1 - 6 August 2019.
- [TR8CR Gabon. From DXNews.com](#)
 - Roland, F8EN ex CN8EM, FO8BV, 3C3CR, TR50R will be active again as TR8CR from Gabon, in October - November 2019.
- [ZS9V Robben Island. From DXNews.com](#)
 - ZS9V Team will be active again from Robben Island, IOTA AF - 064, 15 - 20 August 2019.
- [XV9DXB Vietnam. From DXNews.com](#)
 - Sven, HB9DXB will be active as XV9DXB from Vietnam, starting 20 July 2019, for 2 - 3 weeks.
- [1A0C Sovereign Military Order of Malta. From DXNews.com](#)
 - 1A0C Team will be active from Sovereign Military Order of Malta, 15 - 21 July 2019.
- [ZF2GO ZF2NA Grand Cayman Island. From DXNews.com](#)
 - YL Gayle, K6GO and Mike, NA6MB will be active again from Grand Cayman Island, Cayman Islands, IOTA NA - 016, 8 - 19 July 2019, as ZF2GO and ZF2NA.
- [J28PJ Djibouti. From DXNews.com](#)
 - J28PJ/P is planning to be active from Moucha Island, IOTA AF - 053, Djibouti, September - October 2019.
- [P44W Aruba. From DXNews.com](#)
 - John, W2GD will celebrate his 70th birthday week operating as P44W during the IARU Radiosport HF Contest.
- [PJ7PL Sint Maarten Island. From DXNews.com](#)
 - Phil, N2HX will be active as PJ7PL from Sint Maarten Island, IOTA NA - 105, 20 October - 4 November 2019.
- [P4/PA7DA Aruba. From DXNews.com](#)
 - Jaap van Duin, PA7DA will be active again as P4/PA7DA from Aruba Island, IOTA SA-036, 17 - 31 October 2019, as P4/PA7DA.
- [4E1FJE Paranaque Philippines. From DXNews.com](#)
 - Aki, JA3FJE is receive new call and will be active as 4E1FJE from Paranaque city, Philippines.
- [R6AF/P RU6DX/P Sudjuk Island. From DXNews.com](#)
 - RU6DX/P will be active again from Sudjuk Island, IOTA EU - 185 in RSGB IOTA Contest, 27 - 28 July 2019.
- [DXNews Forum is Alive!. From DXNews.com](#)
 - As requested by many of our viewers, DXNews now feature a Forum covering the most important topics related to Amateur radio.
- [OJ0DX Market Reef Märket Island. From DXNews.com](#)
 - OJ0DX Team will be active from Market Reef, IOTA EU - 053, 25 - 31 July 2019.

- [E6ET DX Pediton Niue Story. From DXNews.com](#)
 - Niue is an island country in the South Pacific Ocean, 2,400 kilometres northeast of New Zealand, east of Tonga, south of Samoa, and west of the Cook Islands.
- [T88PB Koror Island Palau. From DXNews.com](#)
 - T88PB will be active again from Koror Island, IOTA OC - 009, Palau, 6 - 9 September 2019.
- [DXCC Most Wanted 2019. From DXNews.com](#)
 - DXCC Most wanted countries 2019 Club Log version. Updated 29 June 2019.
- [7P8AO Lesotho. From DXNews.com](#)
 - Pista, HA5AO will be active again as 7P8AO from Lesotho, 1 - 19 October 2019.
- [3DA0AO eSwatini. From DXNews.com](#)
 - Pista, HA5AO, will active as 3DA0AO from eSwatini (Swaziland), 15 September - 1 October 2019.
- [VK9NK Norfolk Island. From DXNews.com](#)
 - Janusz, SP9FIH will be active as VK9NK from Norfolk Island, IOTA OC - 005, 12 January - 12 April 2020.
- [T30ET Tarawa Atoll Kiribati. From DXNews.com](#)
 - Alex, 5B4ALX will be active as T30ET from Tarawa Atoll, IOTA OC - 017, 18 March - 2 April 2020.

From the League

ARRL Bulletins

- 2019-06-17 [ARLB017](#) ARRL Files Interim Report with FCC in "Symbol Rate" Proceeding
- 2019-06-17 [ARLB018](#) Montana to Get New Section Manager
- 2019-06-17 [ARLX005](#) 2019 W1AW Field Day Bulletin Schedule
- 2019-05-23 [ARLB016](#) Springtime Section Manager Election Results Announced
- 2019-05-16 [ARLB015](#) The FCC is Not Reinstating a Vanity Call Sign Fee
- 2019-04-17 [ARLB014](#) ARRL and FCC Sign Memorandum to Implement New Volunteer Monitor Program
- 2019-04-17 [ARLX004](#) Amateur Radio in Space Pioneer Astronaut Owen Garriott, W5LFL (SK)
- 2019-03-29 [ARLB013](#) Bob Famiglio, K3RF, Appointed to Fill Atlantic Division Vice Director Vacancy
- 2019-03-21 [ARLB012](#) FCC Adopts New Rules for Spectrum above 95 GHz in Branded "Spectrum Horizons" Initiative
- 2019-03-15 [ARLB009](#) Commenting Electronically on FCC Proceedings
- 2019-03-15 [ARLB010](#) FCC Invites Comments on ARRL Technician Enhancement Proposal
- 2019-03-15 [ARLB011](#) New West Gulf Division Vice Director Appointed
- 2019-03-14 [ARLB008](#) ARRL Supports No Change to Table of Allocations for 45.5 - 47 and 47 - 47.2 GHz Bands
- 2019-03-11 [ARLB007](#) W1AW 2019 Spring/Summer Operating Schedule
- 2019-03-01 [ARLB006](#) FCC Universal Licensing System will be Down for Maintenance
- 2019-02-21 [ARLB005](#) Winter Section Manager Election Results Announced
- 2019-02-15 [ARLX003](#) Ninth District Incoming QSL Bureau has New Manager and Address
- 2019-02-14 [ARLX002](#) Former Colorado Section Manager Tim Armagost, WB0TUB (SK)
- 2019-02-13 [ARLB004](#) FCC Invites Comments on Amateur Radio-Related Petition for Rule Making
- 2019-01-31 [ARLB003](#) Geoffrey Starks Sworn in as FCC Commissioner
- 2019-01-25 [ARLB002](#) John Robert Stratton, N5AUS, is New ARRL West Gulf Division Director
- 2019-01-03 [ARLB001](#) W1AW 2019 Winter Operating Schedule
- 2019-01-03 [ARLX001](#) Third Wednesday Monthly Communications Exercises Set



ARRL News

[Hurricane Watch Net Secures after Hurricane Barry Activation](#) (07/13/2019)

The Hurricane Watch Net (**HWN**) officially secured operations for Hurricane Barry at 1900 UTC. “When we first activated the Net on Friday, July 12 at 2300 UTC, Barry was a tropical storm forecast to become a hurricane prior to landfall,” Net Manager Bobby Graves, KB5HAV, said. “The storm was finally upgraded to a Category 1 Hurricane at 1500 UTC Saturday. Barry made landfall near Intracoastal Cit...

[IARU HF Championship Contesters: Clear Frequencies Requested for Storm Emergency Traffic](#) (07/13/2019)

The Hurricane Watch Net (**HWN**) is active on 14.325 MHz and 7.268 MHz in response to Category 1 Hurricane Barry. WX4NHC at the National Hurricane Center has activated and plans to operate through landfall on Saturday. In addition, the Maritime Mobile Net is expected to be active on 14.300 MHz. All amateurs not involved in the storm response are encouraged to avoid these frequencies, allowing some...

[FAA Reauthorization Act Language Serves to Exclude Vast Majority of Amateur Radio Towers](#) (07/12/2019)

Language in the Federal Aviation Administration (FAA) **Reauthorization Act of 2018** will exclude all but a small number of Amateur Radio towers from marking requirements. Thanks to action taken in 2017 and 2018 by ARRL, the bill’s original language was amended to the extent that amateur towers, as well as residential towers used for over-the-air TV reception, were effectively exempted from markin...

[The Latest Episode of ARRL Audio News is Available](#) (07/12/2019)

Listen to the new episode of ARRL Audio News on your iOS or Android podcast app, or online at <http://www.blubrry.com/arrrlaudionews/>. Audio News is also retransmitted on a number of FM repeaters. Click [here](#) and then scroll down to see the list.

[The K7RA Solar Update](#) (07/12/2019)

Like June 24-27, July 7 had a new spot from cycle 25, according to the magnetic signature. This week’s brief appearance was last Sunday with a daily sunspot number of 12.

Average daily solar flux declined marginally from 67.5 to 67.1.

Predicted solar flux for the next 45 days is 67 on July 12 through August 25. That’s right, 67 on every day.

Predicted planetary A index is 8 on July 12, 5 on July 1...

[So Now What? Podcast](#) (07/11/2019)

“Fan Questions” will be the focus of the new (July 11) episode of the *So Now What?* podcast for Amateur Radio newcomers.

If you're a newly licensed Amateur Radio operator, chances are you have lots of questions. This biweekly podcast has answers! *So Now What?* offers insights from those who've been just where you are now. New episodes will be posted every other Thursday, alternating new-episode we...

[2018 Leonard Award for Outstanding Video Journalism Presented](#) (07/11/2019)

ARRL Hudson Division Director Ria Jairam, N2RJ, and Vice Director Bill Hudzik, W2UDT, recently presented the ARRL 2018 Leonard Award for Outstanding Video Journalism to **NJTV** public television correspondent Andrew Schmertz. The presentation took place at NJTV in Newark, New Jersey.

Schmertz was recognized for his story that featured interviews with New Jersey Institute of Technology (**NJIT**) Assist...

[Window Closing on July 15 for Volunteer Monitor Program Applications](#) (07/10/2019 10:39)

As of the close of business on Monday, July 15, applications for the new **Volunteer Monitor Program** no longer will be accepted. Some 250 applications have been submitted to fill approximately 150 Volunteer Monitor (VM) positions in the program, which is succeeding the Official Observer (OO) program. Retired FCC special counsel and former Atlantic Division Vice Director Riley Hollingsworth, K4ZDH...

[Special Event Stations to Commemorate 50th Anniversary of the Apollo Moon Landing](#) (07/10/2019 10:00)

[Chinese CAS-7B Satellite Carrying an FM Transponder to Launch](#) (07/09/2019)

Another Amateur Radio satellite is set to launch from China. CAMSAT CEO Alan Kung, BA1DU, reports that CAS-7B (BP-1B) is expected to launch on July 22 at 0500 UTC, on the Hyperbola 1 vehicle. CAS-7B is a spherical spacecraft, 500 millimeters (approximately 19.7 inches) in diameter with a mass of 3 kilograms (about 6.6 pounds). The CW telemetry beacon will be on 435.715 MHz. The V/U FM 16 kHz wi...

Monthly PART Breakfast

Venue - Paul's Diner

Since early March of 2018, PARTers and guests have been assembling on the **FIRST** Saturday of every month at Paul's Diner. meet at 8 AM and order shortly thereafter. They have a wide assortment of eggs and omelets, waffles, pancakes and breakfast sandwiches.

Paul's Diner is located at 6 Carlisle Rd in Westford, MA 01886. Directions to Paul's Diner can be found at this link:

<http://www.paulsdiner.com/Directions>



We

- [*IARU President offers assurances regarding French 144-146 mhz proposals*](#)

International Amateur Radio Union (IARU) President Tim Ellam, VE6SH/G4HUA, said his organization empathizes with the concerns of radio amateurs worldwide regarding a French proposal to allocate 144 - 146 MHz to the Aeronautical Service on a primary basis, essentially sharing it with Amateur Radio. The band is currently allocated to Amateur Radio on a primary basis around the world

- [*QSO Today - Dino Papas - KLOS*](#)

Dino Papas, KLOS, leads the Williamsburg Area Amateur Radio Club in Williamsburg, Virginia, using the leadership skills that he acquired after 26 years in the US Army

- [*Another look at the remarkable opening on 144 MHz from Cape Verde Islands to Italy*](#)

Back on the 9th of June 2019, there was a remarkable opening on 144 MHz when D41CV on the Cape Verde Islands off the coast of Africa managed to work into Italy and Slovenia. At the time, the reports were a bit sketchy but more information is now available

- [*VK6WIA NewsWest*](#)

In this broadcast: It's HISTORY week - and we travel back 50 years to 1969. We've got news on the 6m repeater - back ON AIR, RFI from the NBN, The 2m band and aviation proposals from France

- [*LABRE raises LED traffic light interference with ABNT*](#)

Brazil's national amateur radio society LABRE has raised the issue of pollution of the precious RF spectrum by LED traffic light signals with the Brazilian Association of Technical Standards (ABNT)

- [*40-foot Tesla Coil demonstration for Tesla Birthday Expo*](#)

As part of this year's annual celebration of famed inventor Nikola Tesla's birthday, a demonstration of a 40-foot Tesla coil will be the centerpiece of Saturday's event presented by The Tesla Science Center at Wardenclyffe

- [*New Orbitrack iOS app free for Apollo 11 Anniversary*](#)

On the 50th anniversary of Apollo 11's first manned moon landing, a new iOS app – Orbitrack – lets you explore the universe of spacecraft in orbit around our home planet today, using cutting-edge augmented and virtual reality technology

- [*Propagation Report from Hannes Coetzee, ZS6BZP*](#)

Hannes Coetzee, ZS6BZP, reports that the solar activity is expected to remain at low levels

- [*Foundations of Amateur Radio #214*](#)

What would you do if you found that at random times your garage door opener didn't work, or the Wi-Fi network dropped out, or you couldn't switch off a light with an RF controller?

- [*144 MHz: 'Houston... we have a problem'*](#)

Jacques Verleijen ON4AVJ writes in issue 83 of the IARU Region 1 VHF/UHF/uW newsletter about the proposal for potential Aeronautical Mobile Service use of the amateur radio 144 MHz band

- [*144 MHz - Austria supports radio amateurs*](#)

Austria's ÖVSV reports the Austrian Ministry for Transport, Innovation and Technology (BMVIT) has assured radio amateurs of the Ministry's support against the French proposal to allocate 144-146 MHz to the Aeronautical Mobile Service

- [*National VOA Museum of Broadcasting to celebrate 75 years of VOA Bethany Station*](#)

While much of the WW2 propaganda streamed from radio broadcasts originated in Hitler's Germany and the Empire of Japan, the Voice of America Bethany Station in West Chester helped calm the chaos by transmitting accurate VOA war news to Allied troops and people living in oppressed countries that lacked a free press

- [*RSGB considering new exam similar to City and Guilds RAE*](#)

RSGB volunteers have developed a syllabus for a new amateur radio exam that will provide a direct route to the Full licence just like the original City and Guilds RAE

- [*The Space Weather Woman*](#)

New Hope for the Coming Cycle - The latest space weather forecast from Dr Tamitha Skov WX6SWW

- [*50th anniversary of Apollo 11 moon landing*](#)

VERON reports that PA11APOLLO and GB5EHL will be among the many special event stations on-the-air to celebrate the 50th anniversary of the Apollo 11 moon landing

Ham radio contest calendar

- [ARRL Contest Calendar](#) ★★★★★ - Comprehensive ARRL contest calendar, includes rules sopbox web reports and QST results. Contest Corral include non-ARRL contests schedule for coming months.
- [DL2NBY Contest Calendar](#) ★★★★★ - This site provides dates and rules of nearly 400 Amateur Radio HF contests. Based on google calendar system, offer the possibilty to integrate calendar events in your google calendar too.
- [HB9DHG Contest calendar](#) - Yearly contest calendar with links to rules and contest results. Contest information is validated and checked.
- [HF Digital Contest Calendar](#) - Monthly Digital Contest Calendar, this site offer a list of scheduled ham radio digital modes contests.
- [Monthly QRP contest calendar](#) - QRP Contest Calendar All contest have QRP Categories by N3EPA but no more updated since 2011.
- [RTTY Contests](#) ★★★★★ - An RTTY only contest calendar, which includes scores and rules and records of recent and upcoming RTTY contests.
- [SM3CER Contest Calendar](#) ★★★★★ - SM3CER Contest Service is one of the most up-to-date and complete contest calendar available online since the early internet era, it offers monthly constest calendar with rules links and results
- [VHF UHF Contest Calendar](#) - European VHF UHF Contest calendar by G4ZTR
- [WA7BNM Contest Calendar](#) ★★★★★ pop - Complete listing of upcoming ham radio contests, including rule summaries of this week's contests. You can even subscribe to his email service or subscribe to rss feeds.



Repeater Nets

146.955 Nets – There are a number of nets that are regularly scheduled on the 955 repeater.

- Sunday night at 2000/8:00 PM [Sunday Night PART Net](#)
- [Sector 1C Emergency Communications Net](#) – this net occurs the 1st Monday or every month (except when it is a holiday). [Skywarn](#) and [ARES Nets](#) – these nets are spontaneous when local conditions warranted.

442.450 D-Star Nets – There are a number of nets that are regularly scheduled.

- Sunday 8:00 PM [Ozark Mtn D-STAR Net](#) – Reflector 001C
- Tuesday 8:00 PM [New England Amateur D-STAR Net](#) – Reflector 010C
- Friday 8:00 PM [CanNet D-Star Net](#) – XRF021B

NOTE: The status of the WB1GOF D-Star repeaters can be seen at <https://wb1gof.dstargateway.org>

Not sure if you are aware that there is a W. Middlesex ARES group that has been on for a few years. The station has two VHF/UHF rigs and antennas which is located at the new Stow Fire Station. It is a simplex net on the second Tuesday of the month on 147.435 MHz, 110.9 Hz tone.

Repeater Information

Repeater Interference

The 146.955 repeater periodically has had interference to in-progress conversations as well as at random quiet times throughout the day and night. The repeater interference committee needs your help in collecting data. If you hear any type of interference, please report the following info to "repeater" at "wb1gof.org":



- Time: When did the event happen?
- Observing location: Where were you? Were you mobile?
- Frequency: Input only (146.355 MHz)
- What you heard: Voices, tones, kerchunking or whatever.
- Signal strength: Either by ear (noisy, quiet or full quiet) or S meter
- Radio: To get an idea of the reporter's radio situation.

* Most important - what direction: How did you determine direction? This is the most essential piece of information. Even if it's an estimate as in "Roughly east" or "from the Northeast" it's useful. NEVER EVER reply or direct any thing to the sick person causing the interference. Because some of us have answered this person, he knows we are aware of him and that is what keeps him doing it. Also since you are communicating with a non IDing station you are operating just as illegally as he is. YOU ARE BROADCASTING! NEVER TALK ABOUT INTERFERENCE on air. NEVER

If you are interested in assisting in helping us identify the sources of interference, contact Terry-KA8SCP.

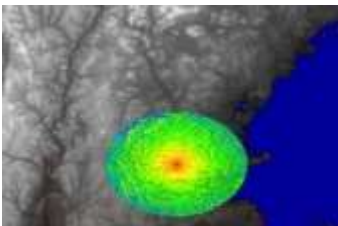
EmComm events and repeater use

Most everyone knows that the 146.955 repeater is used during times of emergency situations, drills and exercises. Skywarn and the monthly EmComm drills are the normal events.

So what does this mean to those that are just looking for regular QSOs with other users? It means that if you are in a regular QSO and there is a significant weather situation that has been getting press/air-time lately, you can expect that if severe weather develops in our area, the folks from Taunton-WX1BOX may interrupt a QSO and ask anyone on frequency what may be happening weather wise. The BOX operator will probably ask for specific information, hail, wind damage, property damage from lightning or wind, etc. Please give him the information he needs or tell him that you've not heard of any such activity. You don't need to tell him it is sunny in Nashua!

There may come a time when an unexpected emergency situation arises. These will significant events that may affect life and property. This is where EmComm activity may step in. Usually an NCS will interrupt a QSO and announce the situation and ask for a QSO to cease or to be "aware" of the possibility of priority calls/traffic. Please make sure you leave breaks between transmissions so stations with traffic can get in between QSOs. If there is enough traffic, it may be necessary for your existing/interrupted QSO QSY to another frequency. You should use your best judgment or check with the NCS on what he feels is best.

If you have any questions, please feel free to correspond with Terry-KA8SCP. All requests for repeater use can be initiated by email to info@wb1gof.org.



Repeater propagation info is available on the PART [website](#). Check out the links to the summit information as well as coverage and plot plans maps for the WB1GOF repeaters. Complete info on the site can be found at this [URL](#).

PART Gear

The PART Quartermaster has lots of great PART-ware for sale including mugs and shirts. You can get information how you can obtain your PART-ware at the monthly club meetings.

Club members are also encouraged to obtain an official PART badge (the first one is FREE to new members). We use The Sign Man of Baton Rouge as our official supplier, and you can browse the club's design at: <<http://thesignman.com/clubs/part.html>>. However, please place your order via the PART Membership Chairman, Hugh Maguire-N1QGE, hulin127@verizon.net so that we may benefit from bulk pricing.



EmComm

Emergency Communications – The WB1GOF 146.955 repeater is used on the first Monday of every month (except federal/state holidays) for an EmComm Net starting at 1930 local time. If you are interested in being part of the local emergency communications team your community, feel free to contact any of the following folks:
Terry Stader – KA8SCP, MEMA Region 1 Communications Officer & Town of Westford

Bill Ohm – W1OHM, for the Town of Chelmsford
Darrel Mallory – K1EJ, North Middlesex ARES

- We need radio operators that can pass messages on to the local emergency management directors in several towns in northern Middlesex County.

Skywarn - The WB1GOF 146.955 repeater is also used for reporting significant weather events to the National Weather Service from our local spotters. You can provide valuable information even if you have not attended one of the training sessions. Listen to the Skywarn Net Control Station for reporting criteria, when you have information that qualifies, please advise him with your report.

Situational Awareness – Recently, the Massachusetts Emergency Management Agency has asked the Amateur Radio community to provide situational awareness and disaster intelligence information within your local community via EmComm nets and/or Skywarn stations. Significant events such as widespread power outages can be reported and by agencies such as MEMA to evaluate the scope of a blackout for example. Initially, you should try and contact the EmComm Net Control Stations on the Westford 146.955 repeater to pass this information. More on this new program will be forthcoming.

PART Sunday Night Net – The PART Net each Sunday night is an IMPORTANT part of our regional EmComm function. With each station that checks in from the surrounding communities, we test our ability to communicate vital information to the ham radio community. Sure we announce club info but we can also communicate regional disaster news and serve as a “hub” for news of situations in our communities. The repeater is on a generator, so even if we loose power in the region, an HT with a supply of batteries will reconnect you to other local hams.



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Our website is: <http://wb1gof.org>

Our forum is: <http://wb1gof.net/forums/>

Contact us at: info@wb1gof.org

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