

June PARTicles



The newsletter of PART of Westford, MA – WB1GOF

Celebrating 44 years of public service 1975-2019

President's Column

- Andy Stewart (KB1OIQ)

Field Day is fast approaching: June 22 and 23, 2019. We're hoping for good weather and good propagation. This is the largest club event of the year, and I hope you will attend.

What is Field Day? Field Day is many things. It is a big social event with your fellow hams. It is an emergency exercise, where we setup radios, generators, batteries, solar panels, computers, and antennas, in a location away from our own homes. It is a contest to see how many contacts we can make with this temporary setup. It is a lot of FUN!

This year, we will have a Morse code station (CW), a digital station that will be running FT8, a voice station (SSB), a 10m / VHF station, and a GOTA (get on the air) station. Each station will be operated by club members who will balance their efforts between making a lot of contacts and helping those who are less experienced.

The Morse code station will be staffed by experienced CW operators who will be making quick contacts with people all over the country, and perhaps a few nearby countries. It is really something to experience, even if you don't (yet) know Morse code. Can you type reasonably? If so, you might offer to help log the contacts on the computer.

The digital station merges computer and radio technology. You would start the appropriate software on the computer, type the text to be transmitted, and wait for a typed message from another ham to appear on the computer screen. Some people call this "keyboard to keyboard" communication, but no internet is used, just radio waves. FT8 is an interesting mode where the signal carries a small amount of useful data. Very brief contacts can be made, even during conditions of poor radio propagation.

The 10m / VHF station is a great place to learn about higher frequency radio propagation. These frequencies are available to technician class

licensees. If the bands "open", communication can occur over great distances. The antennas are typically smaller, which may be advantageous for people who don't have enough space to accommodate large antennas. These communications could involve voice or Morse code.



The SSB station uses voice communications to talk to other ham radio operators across the country. Our goal is to contact at least one person in each of the 50 states, and to make as many contacts as possible.

For people who are relatively new to amateur radio, the GOTA station exists so you can make your first radio contacts under the patient tutelage of a more experienced ham radio operator. Whether or not you have a ham radio license, you can chat with people on the radio at the GOTA station. Many people experience a great feeling of excitement and accomplishment when they make their first radio contacts in this no pressure environment.

Setup will probably start around 8 AM on Saturday morning. We'll have a couple of brief talks before lunch at noon. At 2 PM, the event officially starts, and the radios will be running constantly until 2 PM on Sunday afternoon.

In addition, there will be a "fox hunting" activity, in which anybody can participate. A few low power transmitters will be hidden, and your goal is to find them using a radio receiver and an antenna. We'll show you how it is done, and we'll loan you the gear you'll need to find the hidden transmitter (called a "fox"). It is a great excuse to walk around in the woods while trying to find the transmitter.

June 2019

Look around for the guy with the antenna on a camera tripod, and you'll have found the satellite station. This equipment is used to communicate via satellite with other similarly equipped ham radio operators. This station will be in operation when a satellite is overhead, which only lasts for perhaps 10-15 minutes. One year, we made a quick contact with an astronaut on the International Space Station!

Dinner time is perhaps the social highlight of the entire weekend. We'll have perhaps 40-50 people enjoying a spaghetti dinner in the large indoor dining area. If you leave hungry, it is your own fault! Who thought hams could cook? :-) You'll enjoy it, so don't miss it.

As you can tell, there is a LOT going on at Field Day. There are many opportunities to learn and have fun doing it. People are eager to share equipment and knowledge. You'll get to see how ham radio uses many different technologies to foster communication.

We'll be at the Concord Rod and Gun Club, in Concord, MA, on Strawberry Hill Road, on Saturday, June 22, and early on Sunday, June 23. I look forward to seeing you there! You'll probably find me at the GOTA station.

Have a lot of fun, and 73, Andy (KB1OIQ).

Treasurer's Report

PART Treasury between 16-Apr'19 and 20-May'19 (As of 21-May'19)

	General Fund	+	Repeater Fund	=	Checking Total
Old Balance	=\$6288.25	+	\$6181.41	=	\$12469.66
Income	+\$ 210.00	+	\$ 54.00	=	+\$ 264.00
Expenses	-\$ 65.11	+	\$ 0.00	=	-\$ 65.11
Net	+\$ 144.89	+	\$ 54.00	=	+\$ 198.89
New Balance	=\$6433.14	+	\$6235.41	=	\$12668.55
Acc. Receivable	+\$ 0.00	+	\$ 30.00	=	+\$ 30.00
Acc. Payable	-\$ 640.58	+	\$ 213.35	=	-\$ 853.93
Net Credit	-\$ 640.58	+	\$ 183.35	=	-\$ 823.93
Net Worth	=\$5792.56	+	\$6052.06	=	\$11844.62

PART 2019 Membership as of 5-Jun'19

	Individuals (= New for 2019 + Renew for 2019)	Households (= New for 2019 + Renew for 2019)
Full (\$25)*	25 (= 5 + 20)	[25 (= 5 + 20)]
Senior (\$15)*	42 (= 2 + 40)	[42 (= 2 + 40)]
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*	83 (= 7 + 76)	74 (= 7 + 67)

New Members:

David/KC1EYO (Woburn)

ARRL members:* 74
 (Including ARRL Life members: 12)
 Starred lines changed since 13-May'19.

PART members in good standing for 2019 as of 6/5/2019

AA1HO	AA1O	AB1HD	AC1DJ	AG1A	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	KB1UKU
KB1WMH	KC1ACV	KC1AJJ	KC1EYO	KC1FAC	KC1FGH	KC1HSC
KC1JTQ	KC1LDV	KD1D	KE8UW	KZ1CY	N1BE	N1BKR
N1CEO	N1DAM	N1ECC	N1HY	N1IEC	N1NCO	N1QGE
N1RXV	NE1RD	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: 83 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, 18-June'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.com)

Upcoming PART Meetings/Events

Tuesday June 18th 2019

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

Saturday/Sunday June 22nd / 23rd 2019

- Field Day 2019. LOCATION: Concord Rod and Gun Club (see article below)

Saturday July 6th 2019

- PART monthly breakfast. Paul's Diner. 8-10 AM pricing – see note below)

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



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.

PART Field Day

We've been waiting all year, and Field Day is just ONE WEEK AWAY! The Concord Rod & Gun Club is ready, the station leads are ready, the food team is ready, so, are YOU ready?

At the PART meeting on Tuesday, June 18, (7:30 at the Cameron Senior Center in Westford), the Field Day team will be presenting the plans for Field Day fun and success, so plan on being there and getting all your questions answered. Be sure to bring your HT to the meeting, programmed to the Field Day frequency of 446.025 MHz, simplex, no tone, and we'll have a mass radio check.



Some other last-minute things to do:

- Charge your HT batteries.
- The weather forecast is partly cloudy with possible showers, and temperatures between 60 and 80 degrees, but as usual this can be expected to change. Be ready for anything.
- Send an email to Andy, KB1OIQ@arrl.net telling him you want to be an ambassador at the Field Day site.
- On Wednesday, start coughing heavily at work. Your boss then won't be suspicious when you call in sick on Friday so you can come help put up antennas.



Did I mention that we're putting up antennas at the Field Day site on Friday, June 21? The event starts at noon, but you can show up any time and stay as long as you like. Address of the site is 74 Strawberry Hill Road, Concord, MA.

See you at Field Day!

73, George -K1IG
Field Day Chairman

Field Day on Social Media!

Click below to join the ARRL Field Day 2019 Facebook Group.



Share your plans, tips and tricks to a successful Field Day. When posting content from Field Day, use hashtag **#ARRLFD** on all social media to receive 100 bonus points!

Monthly PART Meetings Minutes

Minutes PART meeting May 21, 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: 38

KB1OIQ opened the meeting with the usual round of introductions.
Three members made the visit to the Dayton/Xenia Hamvention this past weekend.

Announcements

- 1) Kit building event. Due to some persistent digging by Allison, KB1GMX, and Steve, W1KBE, they have received the full documentation for the Arduino based kit, and have placed an order for production of the required pcb's. Steve mentioned delivery is scheduled for the first week in June. Details to follow afterwards.
- 2) Terry, KA8SCP, thanked the 14 volunteers who assisted in the Westford Apple Blossom Parade this past Saturday. A number of new folks participated. Alan, K1ALL, and George, K1IG, helped out as net control operators. The usual Net Control station, KA8SCP, was busy riding in the parade as Terry was honored as the Kiwanis Person of the Year.
- 3) Alan, W1AHM, gave the Treasurer's Report:
 - a. Latest member count is 80 - for the same period, a slight decline from the prior year;
 - b. Recent balance in the cash account is \$12,668 with \$6,235 in the Repeater Fund.
- 4) Hugh, N1QGE, Membership, thanked everyone for their Food Pantry donations.
- 5) Rob, KE8UW, passed around his revised edition of the Club brochure;
- 6) Sunday evening emergency net will try a new check-in format;
- 7) George, K1IG, had an aerial view of the Hamvention with an overlay of the high number of APRS stations active on the site;
- 8) K1IG gave a summary of Field Day preparations:
 - a. Field Day to be held this June 22-23;
 - b. Classification 4A;
 - c. Antenna setup will be on Friday, June 21, starting at noon;
 - i. Will set up ~10 antennas;
 - ii. Will have two G5RV's and W1IS will try out an OCF wire antenna;
 - iii. Need about 15 volunteers;
 - iv. Need lots of coax terminated with PL259's. Make sure your name is attached.
 - d. Station Chiefs:
 - i. CW – Bob, W1IS
 - ii. Phone – George, K1IG

- iii. Digital – Rich, AB1HD
- iv. VHF/Tech – Allison, KB1GMX
- v. GOTA – Andy, KB1OIQ
- e. AB1HD gave a brief introduction of the Field Day operation on FT8, accompanied by a short video;
- f. Need a few volunteers to act as Ambassadors to welcome and introduce visitors around the operations.
- g. Need someone to handle the 10 traffic messages to be sent from the site;
- h. Next month's meeting will be a full presentation on Field Day.

The speaker for the evening was Colin Brench, W1DJR, who spoke on Stealth Antennas. This was a presentation from

Tom Fagan, K7DF of Tucson, AZ.

Due to the many Home Owners Associations in the Tucson area with antenna restrictions, one can still get on the air. Colin illustrated a number of alternatives:

- 1) Vent pipe antenna;
- 2) Various attic antennas;
- 3) Under roof eaves;
- 4) Loading a metal railing;
- 5) Slinky antenna;
- 6) Dipole laid out on roof top;
- 7) Mobile antennas, e.g., Hamsticks;
- 8) Loading a rain gutter;
- 9) Use an antenna tuner;
- 10) N6BT antennas specifically designed for use in Home Owners Associations.

Colin afterwards demonstrated his SDRPlay receiver and software as a spectrum analyzer.

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 100th <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/>
 Augusta 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.starv.org/>
 Springfield VT CVFMA <http://www.cvfma.org/>
 USA ARRL List <http://www.arrrl.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 +
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 +

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-2018.07.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

- **09/14/2019 | 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 Dufrat, 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.

- **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

D-STAR Nets

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

CANNet XRF021B or XRF038A

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 6/15/2019, WB1GOF has 444 “registered users”

WB1GOF new users:

N7WJ	2019-05-24	Joseph McCullough
N4RIX	2019-05-25	Jeffrey Dunbar



KD9NGL	2019-05-26	Allen Holz
N0MEM	2019-06-04	Matt Mercer
K1GB	2019-06-04	GORDON BELLO
K8COH	2019-06-04	Mike Womer
VU3WXH	2019-06-06	Vineesh Pillai
N1ATP	2019-06-12	Knut Finnevolden
N3MEL	2019-06-15	Glenn Allison

Amateur Radio News



From eHam.net News:

[Foundations of Amateur Radio #210:](#)

by Onno VK6FLAB on June 15, 2019

One of the unsung hero components of a Software Defined Radio is the A/D or Analogue to Digital converter. Its job is to convert the analogue signal that's coming in via the antenna into a digital signal that is processed by software.

[O.S.C.A.R. To Participate In Amateur Radio Field Day:](#)

by krforadio.com on June 15, 2019

O.S.C.A.R. (Owatonna Steele County Amateur Radio Club) is participating in the national Amateur Radio Field Day exercises, to be held on Saturday, June 22 starting at 8 am, and going until Sunday, June 23 at 1 pm. This is all taking place at McKinley School in Owatonna, now on 22nd St NE. They will be setting up on the 22nd from 8-noon, and operating for 24 hours. The public is invited to come down and see the amateur radios, also known as ham radios, in action. Ham radios operate independent of Internet and cell phone infrastructure. They will be setting up temporary stations in order to explain what they can do during planned events, as well as unplanned emergencies when communication may be difficult.

[Ham Radio Operators Lend Support:](#)

by ahmedabadmirror.indiatimes.com on June 15, 2019

Ham radio operators played a crucial role to keep communication channels open while being stationed at the State Emergency Operations Centre (SEOC) in Gandhinagar. Amateur radio, also known as ham radio, is a mode of communication which can come in handy during natural disasters when other modes of communication are disrupted.

[Tune In To Ham Radio Field Day In Lancaster:](#)

by caledonianrecord.com on June 15, 2019

Field Day is an annual event in which groups of Amateur Radio (Ham) operators world-wide set up their radios under simulated emergency conditions to see how well they can communicate with other Hams. Field Day is also fun event, which allows the Ham community to show their skills to the local community. When disaster strikes and normal communications channels are disrupted, the Amateur Radio community has been able to get the lines of communication set up so that critical resources can be moved to the areas of need. This has been true for disaster relief, like hurricanes and tornadoes; internationally following earthquakes and tsunamis; and in times of local severe weather. Ham operators work with the local authorities as well as with many disaster relief groups in all these cases.

Ham Radio Takes the Spotlight with Field Day, June 22-23:

by recordonline.com on June 15, 2019

POUGHKEEPSIE -- Dutchess County's 'hams' will join with thousands of amateur radio operators who will be showing off their emergency capabilities, in an annual event known as "Field Day".

Ham Radio Satellites to Deploy from ISS:

by W1AW Bulletin via the ARRL on June 14, 2019

Three BIRDS-3 satellites with Amateur Radio payloads are scheduled to be deployed from the International Space Station on Monday, June 17. The BIRDS-3 constellation includes CubeSats from three countries: They are Nepal's first satellite, NepaliSat-1; Uguisu from Japan, and Sri Lanka's first satellite, Raavana-1.

MacDoppler Version 2.30 Released:

by Don Agro (VE3VRW) on June 14, 2019

Dog Park Software is pleased to announce that MacDoppler Version 2.30 has been released.

Propagation Forecast Bulletin #24 de K7RA:

by W1AW Bulletin via the ARRL on June 14, 2019

The long string of days with no sunspots continues, with spots last observed nearly a month ago, on May 18. According to spaceweather.com on June 12, there have been no sunspots for 24 days in a row.

'The World's Best Hobby': Radio Team Backs Up State Hospitals:

by aikenstandard.com on June 14, 2019

In an air-conditioned room on the roof of Aiken Regional Medical Centers, Kent Hufford started his morning chatting with a stranger in England. "You can talk to Moscow on your cellphone," Hufford said. "With Ham radio you can talk to Moscow and you won't even know who's there. Hams will just talk to each other." Hufford serves as the lead for a volunteer Radio Response Team that operates out of Aiken Regional Medical Centers. His team provides emergency backup communications within and between health care facilities across South Carolina and the CSRA. Amateur radio, commonly referred to as Ham radio, is an off-the-grid type of personal communication. There are no minutes, bills, or data plans like with a cellphone, and it can be used to communicate with people across the state and all over the world. "Almost every hospital in South Carolina has a Ham radio team on it, and in emergencies and disasters we tie all the hospitals together," Hufford said.

See How Ham Radio Works at the Amateur Radio Field Day Exercise June 22-23:

by pe.com on June 14, 2019

Members of the Riverside County Amateur Radio Association will participate in the national 2019 Amateur Radio Field Day exercise at Martha McLean-Anza Narrows Park, 5759 Jurupa Ave., Riverside. The event begins 11 a.m. Saturday, June 22, and runs until 11 a.m. Sunday, June 23. It is free and open to the public. Since 1933, ham radio operators across North America have established temporary ham radio stations in public places during Field Day to showcase the science and skill of amateur radio, according to a press release from the Riverside County Amateur Radio Association. For more than 100 years, amateur radio, also called ham radio, has allowed people to experiment with electronics and communications techniques and to provide a free public service to their communities during a disaster or emergency, according to the press release. The Field Day event demonstrates ham radio's ability to work reliably under any conditions from almost any location and create an independent communications network.

NASA Predicts the Next Solar Maximum Will Peak On This Date:

by express.co.uk on June 14, 2019

NASA'S space weather forecasters have predicted the next 10 years of solar activity as the Sun approaches its

“weakest” period in 200 years. NASA expects the next cycle to kick off in 2020, followed by a solar maximum in the year 2025.

[DX News -- ARRL DX Bulletin #24:](#)

by W1AW Bulletin via the ARRL on June 13, 2019

This week's bulletin was made possible with information provided by The Daily DX, The OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

[Just Ahead In Radiosport:](#)

by The ARRL Letter on June 13, 2019

Just Ahead In Radiosport:

[NISFE, Joins ARRL Headquarters Staff as Contest Program Manager:](#)

by The ARRL Letter on June 13, 2019

Paul Bourque, NISFE, of Middletown, Connecticut, has joined the ARRL Headquarters staff as Contest Program Manager. He succeeds Bart Jahnke, W9JJ, who recently was promoted to the post of ARRL Radiosport and Field Services Manager. Licensed since 1994, Bourque's interest in radio began when, as a youngster, he listened for distant AM stations, and he later developed a career involving various aspects of broadcasting.

[Rick Murphy, K1MU, to Receive ARRL President's Award:](#)

by The ARRL Letter on June 13, 2019

At its May 20 meeting in Dayton, Ohio, the ARRL Executive Committee, acting on behalf of the Board of Directors, conferred the prestigious ARRL President's Award on Rick Murphy, K1MU, one of the unsung heroes of Logbook of The World (LoTW). The President's Award recognizes individuals showing long-term dedication in support of ARRL programs. Murphy was credited for his work to upgrade and improve the LoTW TQSL software to help users more easily and successfully use LoTW. Murphy was cited for single-handedly rewriting TQSL to make it accessible to those with limited vision, to display information in languages other than English (more than 10 so far), and for providing consistent online support to users.

From the League

ARRL Bulletins

- 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

[ARRL Files Interim Report with FCC in “Symbol Rate” Proceeding](#) (06/14/2019 06:23)

ARRL has filed an **interim report** with the FCC in order to report on its efforts to find common ground regarding issues surrounding the “symbol” or “baud” rate proceeding, FCC Docket WT 16-239 (the FCC has issued a **Notice of Proposed Rulemaking** in WT 16-239, which stemmed from ARRL’s rulemaking petition RM-11708). ARRL highlighted that the public benefits from the FCC’s “fairly flexible” regulat...

[Ham Radio Satellites to Deploy from ISS](#) (06/14/2019 09:55)

Three **BIRDS-3** satellites with Amateur Radio payloads are scheduled to be deployed from the International Space Station on Monday, June 17. The BIRDS-3 constellation includes CubeSats from three countries: They are Nepal’s first satellite, NepaliSat-1; Uguisu from Japan, and Sri Lanka’s first satellite, Raavana-1.

The primary mission of the BIRDS constellation is to provide ciphered short message...

[ARRL Executive Committee Establishes Ad Hoc Committee on Communications](#) (06/14/2019 07:23)

Meeting right after Dayton Hamvention® at the University of Dayton on May 20, the ARRL Board’s Executive Committee (EC) adopted a motion to establish an Ad Hoc Committee on Communications with ARRL Members. The panel would review ARRL communications with members and members’ perceptions to “consider areas needing enhancement, [and] ways in which such communications might be enhanced,” and it wo...

[Over-the-Horizon Radars Continue to Plague Amateur Bands](#) (06/14/2019 07:07)

[Tuning Electrically Short Antennas for Field Operation is Research Topic](#) (06/14/2019 06:58)

An article by two well-known radio amateurs, “Tuning Electrically Short Antennas for Field Operation,” appeared in *Microwave Journal*. Authored by *QEX* Editor Kai Siwiak, KE4PT, and award-winning researcher Ulrich Rohde, N1UL, the article points out that both Amateur Radio and military applications exist for 20-W battery-powered radios equipped with whip antennas. “In general, the whip antenna wh...

[Proposed WRC-23 Agenda Items Causing Concern](#) (06/14/2019 06:53)

[The K7RA Solar Update](#) (06/14/2019 05:30)

The long string of days with no sunspots continues, with spots last observed nearly a month ago, on May 18. According to [spaceweather.com](#) on June 12, there have been no sunspots for 24 days in a row.

Predicted solar flux for the next 45 days is 68 on June 14 through July 28. That's right, the prediction updated on June 13 is nothing but 68 on every day for the near future.

Predicted planetary A ...

[Rick Murphy, K1MU, to Receive ARRL President's Award](#) (06/13/2019 12:07)

At its May 20 meeting in Dayton, Ohio, the ARRL Executive Committee, acting on behalf of the Board of Directors, conferred the prestigious ARRL President's Award on Rick Murphy, K1MU, one of the unsung heroes of Logbook of The World (LoTW). The President's Award recognizes individuals showing long-term dedication in support of ARRL programs. Murphy was credited for his work to upgrade and impro...

[On-the-Air Activity to Mark 50th Anniversary of First Market Reef DXpedition](#) (06/13/2019 11:01)

The Aland Islands Postal Administration is issuing a postcard this year to commemorate the 50th anniversary of the first DXpedition to Market Reef, OJ0MR, in late December 1969 and its attainment of DXCC status. Soon after that initial operation, the permanent lighthouse keeper, Karl-Erik, OJ0MA, also hit the airwaves, and a stream of DXpeditions followed, establishing Market Reef as a dream lo...

[Ham Radio Newscast Producer Hap Holly, KC9RP, and The RAIN Report Retiring](#) (06/13/2019 10:59)

Hap Holly, KC9RP, who's been producing the *The RAIN Report* Amateur Radio newscast every week for 30 years, has announced that he's retiring and closing down *The RAIN Report* (Radio Amateur Information Network). "The archives will remain online for those who want to download and/or broadcast them," Holly told ARRL.

"My thought is to expand the archive from *RAIN Reports* that have never been archive...

[So Now What? Podcast](#) (06/13/2019 06:07)

"Highlights from Hamvention" is the focus of the new June 13) episode of the *So Now What?* podcast for Amateur Radio newcomers. It will feature segments from Tony, KD8RTT, and Andy Milluzzi, KK4LWR, of The Collegiate Amateur Radio Initiative, (CARI), Teachers Institute instructor Tommy Gober, N5DUX, who was at the ARRL Lifelong Learning booth this year, Jet Jurgensmeyer, KE0UWZ, of *Last Man Stan*...

[Paul Bourque, N1SFE, Joins ARRL Headquarters Staff as Contest Program Manager](#) (06/12/2019 01:18)

Paul Bourque, N1SFE, of Middletown, Connecticut, has joined the ARRL Headquarters staff as Contest Program Manager. He succeeds Bart Jahnke, W9JJ, who recently was promoted to the post of ARRL Radiosport and Field Services Manager. Licensed since 1994, Bourque's interest in radio began when, as a youngster, he listened for distant AM stations, and he later developed a career involving various a...

[FCC Settles with Massachusetts Pirate Broadcaster](#) (06/12/2019 12:14)

After filing a civil action and seeking an injunction to stop a church-related pirate radio station from operating in Worcester, Massachusetts, the US Attorney's Office this week reached a settlement with the station's operators, Vasco Oburoni and Christian Praise International Church. US Attorney Andrew E. Lelling and FCC Enforcement Bureau Chief Rosemary Harold announced the settlement on Jun...

[QRZ.com Institutes Password Security, Seller Verification Programs](#) (06/12/2019 12:10)

In an effort to combat fraudsters and password phishers, the popular **QRZ.com** Amateur Radio website is offering the option of establishing two-factor authentication (2FA) for its registered users. The site's founder and president, Fred Lloyd, AA7BQ, explains that 2FA secures a user's password on the site.

“With 2FA, your actual password becomes nearly moot, and revealing it to a crook has no det...

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



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

[Foundations of Amateur Radio #210](#)

Milking Software Defined Radio One of the unsung hero components of a Software Defined Radio is the A/D or Analogue to Digital converter. Its job is to convert the analogue signal that's coming in via the antenna into a digital signal that is processed by software

[MacDoppler Version 2.30 released](#)

Dog Park Software is pleased to announce that MacDoppler Version 2.30 has been released

[144 and 1240 MHz on WRC-19 Special Focus page](#)

The RSGB WRC-19 Special Focus page has been updated with information concerning the background for WRC-19 and the latest on concerns regarding WRC-23 proposals for 144 and 1240 MHz bands

[FT8 used in June VHF Contest](#)

The ARRL Letter reports on the observations of WSJT-X Developer Joe Taylor K1JT on using the popular digital mode FT8 in the June VHF contest

[VK6WIA NewsWest](#)

NewsWest, for Sunday 16th June 2019 is the New Amateurs edition. NewsWest is produced by WA Amateur Radio News, and goes to air every Sunday of the year

[ECO 2018 Report published](#)

The CEPT Electronic Communications Committee (ECC) has tweeted that the ECC's permanent office, the ECO, has published its Annual Report for 2018

[ARRL Executive Committee minutes for May published](#)

The ARRL has released the minutes of their Executive Committee meeting which took place on May 20

[NEXUS transponder to be active for Friedrichshafen](#)

The amateur radio linear transponder (SSB/CW) on the NEXUS (FO-99) satellite will be active during the Friedrichshafen Ham Radio event June 22-23

[SARL Top Band QSO Party this week](#)

Have you got the SARL Top Band Certificate? By participating in the SARL Top Band QSO Party from 00:00 UTC on Thursday 20 June 2019 to 00:00 UTC on Monday 24 June 2019, you can make the required QSOs for this certificate

[Propagation de K7RA](#)

The long string of days with no sunspots continues, with spots last observed nearly a month ago, on May 18. According to spaceweather.com on June 12, there have been no sunspots for 24 days in a row

[Ham radio satellites to deploy from ISS](#)

Masa JN1GKZ reports three BIRDS-3 satellites with amateur radio payloads will be deployed from the International Space Station during the morning of June 17, 2019

[Essex Table Top Sale](#)

The annual CARS Table Top Sale returns to Danbury Village Hall, Essex on Monday, June 17

[LimeSDR mini satellite ground station](#)

Daniel Estévez EA4GPZ / MOHXM has written about using a LimeSDR Mini as the basis for a ground-station for the amateur radio transponders on the geostationary satellite Es'hail-2 / QO-100

[Telebridge contact for Tasmania web streamed](#)

As already announced, an International Space Station school contact has been planned for David St-Jacques KG5FYI with participants at King Island District High School, Currie, TAS, Australia

[Former Colliery Sites on the Air](#)

We would like to invite Radio Amateurs to take part in Former Colliery Sites on the Air

[DX News from the ARRL](#)

The American Radio Relay League's round-up of the forthcoming week's DX activity on the amateur radio bands

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.

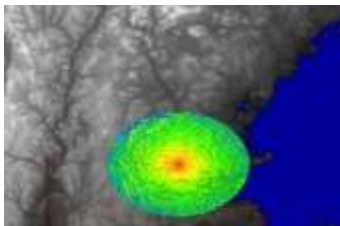
EmComm events and repeater use

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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This month's editor: Terry Stader – KA8SCP

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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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