

NOVEMBER PARTicles



The newsletter of PART of Westford, MA – WB1GOF

Celebrating 44 years of public service 1975-2019

President's Column

- *George Allison (K1IG)*

We're Number One! We're Number One!

The complete Field Day results are now officially posted on the [ARRL website](#) and in November QST, and PART is right up on top of the listings with 5,746 points. In the 4A category (four transmitters on emergency power), we were:

#1 in the Eastern Massachusetts section!

#1 in the New England Division!

#19 nationwide!

Of the 3,112 total Field Day entrants in all categories nationwide, we ranked #152.

Considering that we were off the air for several hours because of hail and thunderstorms, and at the very bottom of the sunspot cycle, we did very well in the total number of contacts. Just as impressive, the number of participants and guests we had at Field Day (75), ranked #42 nationwide out of 3,112 entrants. I'll have a slide or two at the November PART meeting with more details.

The Field Day results certainly show that PART is one of the country's more active clubs, and we've got some big events coming up to maintain the activity.

Our annual holiday party on Tuesday, December 17, will replace the regular December meeting and will be held at Il Forno in Littleton. Note that this is a change in location from our former venue, and it also requires a reservation and payment in advance. Every PART member should have received an announcement via email; if not, there's a copy of the flyer in this issue of Particles. Chauncey,



K1OPE, has done an outstanding job of arranging this event and with the customary Yankee swap it should be a lot of

fun.

If you just can't get enough of Field Day operations, we're going to try winter Field Day for the first time in January. Similar to summer Field Day, the event runs for 24 hours on January 25-26, and the objective is to make as many contacts as possible. Brian, W1BP, is Field Day chairman for this event and will describe the plan at the November PART meeting.

And, if that wasn't enough activity, our kit-building event is off to a great start, thanks to Andy, KB1OIQ. The kit-building group met at Andy's house on November 7 to start construction and programming of Arduino microcontrollers. See Andy's description and pictures of the event later in this month's Particles. PART has a well-endowed kit-building fund, and we look forward to more building events; if you have a suggestion for a building project, let Andy or me know and we'll try to make it happen.

The next PART meeting is Tuesday, November 19, 2019, at 7:30 PM at the Cameron Senior Center in Westford. Our speaker will be Paul, W1SEX, who will speak on test equipment and measurements. See you there!

November 2019

Treasurer's Report

PART Treasury between 17-Sep'19 and 14-Oct'19 (As of 15-Oct'19)

	General Fund	+	Repeater Fund	+	Kit +Fund=	=	Checking Total
Old Balance	=\$5209.55		\$6370.41		+\$1259.25		= \$12839.21
+++++							
Income	+\$ 131.10		+\$ 45.00		+\$ 0.00		= +\$ 176.10

Expenses	-\$ 22.47		-\$ 0.00		-\$ 0.00		= -\$ 22.47
=====							
Net	+\$ 108.63		+\$ 45.00		+\$ 0.00		= +\$ 153.63
=====							
New Balance	=\$5318.18		\$6415.41		+\$1259.25		= \$12992.84
+++++							
Acc. Receivable	+\$0.00		+\$ 21.00		+\$ 0.00		= +\$ 21.00

Acc. Payable	-\$ 0.00		-\$ 0.00		-\$ 0.00		= -\$ 0.00
=====							
Net Credit	+\$ 0.00		+\$ 21.00		+\$ 0.00		= +\$ 21.00
=====							
Net Worth	=\$5318.18		\$6436.41		+\$1259.25		= \$13013.84
=====							

PART 2019 Membership as of 3-Nov'19

	Individuals (= New for 2019 + Renew for 2019)	Households (= New for 2019 + Renew for 2019)
Full (\$25)	33 (= 10 + 23)	[33 (= 10 + 23)]
Senior (\$15)	47 (= 4 + 43)	[47 (= 4 + 43)]
Family (\$30)*	18 (= 0 + 18)	8 (= 0 + 8)
Student (\$15)	0 (= 0 + 0)	[0 (= 0 + 0)]
Associate (\$10)	0 (= 0 + 0)	0 (= 0 + 0)
Grand Total*	98 (= 14 + 84)	88 (= 14 + 74)
ARRL members:*	84	
(Including ARRL Life members:	13)	

Starred lines changed since 6-Oct'19.

No new PART members.

PART members in good standing for 2019

3-Nov'19

AA1HO	AA1O	AB1HD	AC1DJ	AG1A	AJ1Y	KOHNL
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	KC1LHM	KC1MOZ
KD1D	KD1IT	KD1NNY	KE1LU	KE4NTU	KE8UW	KG1RY
KI5CVI	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	W1RS	WA1CYB	WA1MCR	WA1SMB	WA2YHR
WB1AAT	WB1AMY	WB1BQE	WB1HBE	WB2FIX	WB2OSZ	WI1R

Total: 98 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, 19-Nov'19

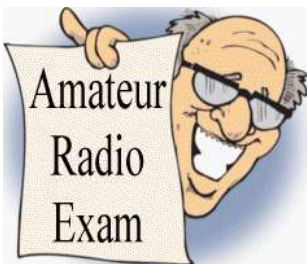
PART's official mailing address is:

PO Box 503
 Westford, MA 01886-0015

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: George (K1IG) Allison
 Vice President: Andy (KB1OIQ) Stewart
 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@billsve.com)

Upcoming PART Meetings/Events

Tuesday November 19th 2019

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

Saturday December 7th 2019

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

Tuesday December 17th 2019

- PART Holiday Dinner (**NO monthly Meeting!**). 6:00 -9:00 p.m. LOCATION: Il Forno Restaurant, 529 King St, Littleton, MA 01460

Saturday January 4th 2020

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

Tuesday January 21st 2020

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

Saturday February 1st 2020

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

Tuesday February 18th 2020

- 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.



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



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. We 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>



PART Annual Holiday Dinner & Gift Swap

Members and a guest are invited to

The PART Annual Holiday Dinner & Gift Swap, Tuesday evening, December 17, 2019, beginning at 6 PM. This is in lieu of our regular monthly meeting. There is no meeting that night. We will be at a new venue this year, [IL Forno Restaurant](#), 529 King Street, Littleton MA 01460. 978-540-2880

**Celebrate the
2019 Holidays!**

Just down the road on Rt. 110, from the Yangtze River Restaurant. Last year's party

The cost will be \$30.00 per person. Table service for the cash bar is available. There is plenty of parking behind the restaurant.

The Italian buffet dinner consists of:

Cheese & Cracker Platter

Tossed Salad

Eggplant Rollatini

Chicken Broccoli Aglie w/Penne

Meat Lasagna

Garlic Bread

Assorted Mini Desserts

If you chose to participate in the gift swap each attendee should bring a holiday wrapped swap gift in the \$15-\$20 range. One gift should be a ham radio item of less than a cubic foot in volume. See what is in your junk box or check out the stuff on Amazon, eBay, etc. for QRP transceiver kits, test gear, etc. Your guest's gift, should they chose to participate in the swap, can be anything in the same dollar range.

Space is limited. This dinner is for members paid up by December 07, 2019. I need to provide an approximate headcount by that date so please email me your interest. However, your payment must be received by December 12, 2019, for a place(s). There are no cancellations – even for bad weather. IL Forno will be open rain/snow/sleet/ice/hurricanes.

There will be no door admissions.

Payments can be sent to PART of Westford, PO Box 503, Westford 01886 or made at the November club meeting or the December breakfast. Please remember, this is a Prepaid event.

Thanks for reading and hope to see you there for a fun time.

73, Chauncey - K1OPE



Kit Building

- *Andy Stewart - KB1OIQ*

The PART kit building team is Andy (KB1OIQ), Steve (W1KBE), and Allison (KB1GMX). We recently received a very generous donation from an anonymous member of ten (10) [DrDuino kits](#). You may remember reading about this kit in a recent issue of QST.

The PART kit building Activity got started in KB1OIQ's basement classroom on November 7th, 2019. There were five (5) kit builders: George (K1IG), Rakesh (KC1HTB), Niece (KA1ULN), Rich (AB1HD), and Scott (KB1WMH). The first session was spent soldering together the kit. The next two sessions will be Ardiuno programming lessons taught by Andy (KB1OIQ). The attendees will learn how to program switches, LEDs, potentiometers, a speaker, an ultrasonic distance measuring device, and those very colorful (and BRIGHT) LED strips. If there is time, we may also make a simple CW practice oscillator and a binary counter displayed on the LEDs.



There will be a future kit building activity using the four (4) remaining DrDuino kits (I built one). Additionally, this training will be a great prerequisite for the DDS VFO kit that we'll unleash during a future session.

All things considered; the first session went really well. I'm really looking forward to the next two sessions!

Ham Fleas/Events

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

2019

7 Dec Windsor CT VR+CMus @8 Antique

John 860 803 5530

2020

18 Jan Whitman MA WARC @KoC Rt18 \$5@8:30 \$15/T@7 Chris N1CFB 508 224 8528 +

15 Feb Marlboro MA AARC @MidSch \$20/T@6:30 \$5@9 Tim KA1OS 508 919 6136 F+

7 Mar Chicopee MA MtTARA @Castle \$5@8:30 S@6:30 Brian N1FI 508 478 6790 +

29 Mar Southigton CT @HS@8 Bruce WA1RR 203 704 7073 +

10,11 April Lewiston ME AARC @ Ramada Ivan N1OXA 207 577 5152 +

26 April Thompson CT ECARC @Raceway \$3@8 \$15/T Jon KA1MPG 508 943 4467 +



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

- 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.

- 11/30/2019 | The First Pilgrim Landing at Plymouth

Nov 30-Dec 1, 1300Z-1700Z, N1IX, Plymouth, MA. Whitman Amateur Radio Club. 18.160 14.260 7.260 3.860. Certificate. Whitman ARC, P.O. Box 48, Whitman, MA 02382. Times Are Daily. EchoLink: WA1NPO-R, IRLP:8691 www.wa1npo.org

- 12/07/2019 | 80th Anniversary of the Sikorsky VS-300 Helicopter

Dec 7-Dec 15, 0000Z-2359Z, K1S, Stratford, CT. Stratford Amateur Radio Club SARC. 18.150 14.240 7.230 3.925. QSL. SARC c/o Dave Arruzza, 32 Benz Street, Ansonia, CT 06401. SASE for commemorative QSL card.



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





Latest Amateur Radio News from around the world
URL: <http://www.southgatearc.org>

[Practical Wireless highlights Beginners licence proposal](#)

The editor of Practical Wireless magazine Don Field G3XTT reports on the proposal by the RSGB VHF Manager John Regnault G4SWX for a new Beginner's licence in the UK

[Russian OTH Radar Contayner now everywhere](#)

The latest IARU-R1 Monitoring System newsletter reports the Russian Over-The-Horizon Radar Contayner has been active in the 7, 10, 14 and 18 MHz amateur radio allocations

[QSO Today - Bob Logan - NZ5A](#)

Bob Logan, NZ5A, enjoys the simple pleasures of exploring new modes as well as mastering old modes, as well as ultra-low frequency bands

[ARISS school contact web streamed](#)

An International Space Station school contact has been planned with participants at two Italian schools on 11 November 2019. The downlink signals will not be audible in Europe but the event will be web streamed

[Australian Foundation Licence Manual - Supplement released following updated licence conditions](#)

Hello, this is Phil Wait VK2ASD with some important information for Foundation Licence candidates and, the clubs that provide Foundation Licence training

[IARU Region 1 - December is YOTA Month](#)

December is YOTA Month, when several youngsters from Member Societies will become active on the air with YOTA as suffix in the call signs

[That time the U.S. military launched a half a billion needles to space for reasons...](#)

In the early 1960s, international communications were limited to transmissions through undersea cables or occasionally unreliable radio signals bounced off of the ionosphere

[Technical clarification to Ofcom's 'calling line identification' guidelines](#)

Ofcom is consulting on a technical clarification to its 'calling line identification' guidelines

[RAC welcomes Directors for 2020](#)

Each year, the terms of office of roughly half of our Directors end – four in even-numbered years and three in odd-numbered years

[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](#)

The other day we were aligning an antenna for a contest. It had slipped on the rotator pole during a recent storm and when the rotator was set to zero it was pointing somewhere south east. Not ideal if you want to point your antenna at a particular station

[Annual Open Day](#)

Sunday 17th November sees the return of the joint NEVADA and Waters and Stanton open day from 10am to 4pm at our Portsmouth Warehouse

[CW Activity Week starts Monday Nov 11](#)

The CW activity week organised by the Essex CW Amateur Radio Club (ECWARC) starts on Monday, November 11 and continues until the end of Sunday, November 17

[VK6WIA NewsWest](#)

NewsWest for 10th November 2019 is the Amateur Radio history edition, mostly Western Australian or at least Australian. We're looking at items in the Amateur Radio Magazine in November 1939 and 1949

[Ham radio 600W broadband HF amplifier](#)

Dan Maloney KC1DJT writes on Hackaday about a 600W broadband HF amplifier using affordable LDMOS devices

[UK University Amateur Radio](#)

A new group has been formed to promote Amateur Radio and wireless activities in universities across the United Kingdom

[CEPT ECC report on WRC-19](#)

The CEPT ECC have released their report on the 2019 World Radiocommunication Conference which after 2 weeks has reached its halfway point



[Introduction to DX News. From DXNews.com](#) (03/18/2019 05:33)

This is basic information for people with no prior knowledge of Amateur Radio, DX and Radiosport.

[ED8W Canary Islands. From DXNews.com](#) (10/12/2019 05:16)

ED8W Team will be active from Canary Islands in CQ WW DX SSB Contest, 26 - 27 October 2019.

[TI5/W1USN TI5/AA1M Atenas Costa Rica. From DXNews.com](#) (10/12/2019 03:59)

Mike, TI5/W1USN and Bob, TI5/AA1M will be active from Atenas, Costa Rica, 20 February - 4 March 2020.

[5WoNA Apia Samoa. From DXNews.com](#) (10/11/2019 11:33)

Alex, K6VHF is currently active as 5WoNA from Apia, Samoa, IOTA OC - 097.

[5WoGK 5WoFY Samoa. From DXNews.com](#) (10/11/2019 02:03)

Lee, VK3GK and Chris, VK3FY will be active as 5WoGK and 5WoFY from Samoa, IOTA OC - 097, in Oceania DX CW Contest, 12 - 13 October 2019.

[VP2MDT Montserrat Island. From DXNews.com](#) (10/11/2019 11:59)

Duane, WV2B will be active as VP2MDT from Montserrat Island, IOTA NA - 103, 9 - 15 January 2020.

[ZC4UW UK Sovereign Base Area Cyprus. From DXNews.com](#) (10/11/2019 05:39)

ZC4UW Team will be active from UK Sovereign Base Area, Cyprus, IOTA AS - 004, 2 - 7 January 2020.

[P4oT Aruba. From DXNews.com](#) (10/10/2019 07:34)

Yuri, VE3DZ will be active as P4oT from Aruba Island, IOTA SA - 036, in CQ WW DX SSB Contest, 26 - 27 October 2019.

[P3F Cyprus. From DXNews.com](#) (10/10/2019 07:11)

Jamie, MoSDV will be active from Pafos, Cyprus in CQ WW DX SSB Contest, 26 - 27 October 2019.

[HI3CC Dominican Republic. From DXNews.com](#) (10/10/2019 06:46)

Nathan, N4YDU will be active as HI3CC from Dominican Republic, IOTA NA - 096, in CQ WW DX CW Contest, 23 - 24 November 2019.

[YJoCA Vanuatu. From DXNews.com](#) (10/09/2019 04:30)

Chris, VK2YUS will be active again as YJoCA from Vanuatu, 22 - 30 October 2019.

[TT8SN Chad. From DXNews.com](#) (10/09/2019 10:05)

Nicolas, F8FQX will be active as TT8SN from Chad.

[UAoLCZ/P Popov Island. From DXNews.com](#) (10/07/2019 10:35)

UAoLCZ and UDOLen will be active as UAoLCZ/P from Popov Island, IOTA AS - 066, 10 - 14 October 2019.

[9G5GS Ghana. From DXNews.com](#) (10/07/2019 09:30)

Matteo, IZ4YGS will be active as 9G5GS from Ghana, until 23 October 2019.

[D44EA Sal Island Cabo Verde. From DXNews.com](#) (10/07/2019 08:44)

Jan, OK7JR will be active as D44EA from Sal Island, IOTA AF - 086, Cape Verde, Cabo Verde, 10 - 22 October 2019.

[W8S Swains Island. From DXNews.com](#) (10/07/2019 02:25)

W8S Team will be active from Swains Island, IOTA OC - 200, 10 - 25 March 2020.

[T88UW Koror Island Palau. From DXNews.com](#) (10/06/2019 04:41)

Ichiro Takahashi JH7IPR, will be active again as T88UW from Koror Island, IOTA OC - 009, Palau, 10 - 16 October 2019.

[SM7DAY/P Senoren Island. From DXNews.com](#) (10/06/2019 04:35)

SM7DAY will be active again as SM7DAY/P from Senoren Island, IOTA EU-138, 5 - 12 October 2019. [PYoF Fernando de Noronha Islands. From DXNews.com](#) (10/06/2019 04:14)
 PYoF Team will be active from Fernando de Noronha, IOTA SA - 003, 21 - 25 October 2019. [CP1XRM Bolivia. From DXNews.com](#) (10/06/2019 03:57)
 Antonio, EA5RM will be active again from Bolivia, 10 - 30 November 2019, as CP1XRM. [PJ2T Curacao Island. From DXNews.com](#) (10/03/2019 04:26)
 PJ2T Team will be active from Curacao Island, IOTA SA - 099, in CQ WW DX SSB Contest, 26 - 27 October 2019. [9J2MYT Lusaka Zambia. From DXNews.com](#) (10/02/2019 02:32)
 Mario, IK1MYT will be active as 9J2MYT from Lusaka, Zambia, starting 6 October 2019. [D44C Santa Maria Sal Island Cabo Verde. From DXNews.com](#) (10/02/2019 05:29)
 Eric, OE4AAC will be active as D44C from Santa Maria, Sal Island, IOTA AF - 086, Cabo Verde, 17 - 30 November 2019. [HSoZME Thailand. From DXNews.com](#) (10/02/2019 04:28)
 Lars, SM6NT will be active again as HSoZME from Hua Hin, Thailand, 12 November 2019 - 6 April 2020. [V31AG Corozal Belize. From DXNews.com](#) (10/01/2019 09:56)
 Emilio, AG4T is currently active as V31AG from Corozal, Belize. [ZF2PG Grand Cayman Island. From DXNews.com](#) (10/01/2019 05:00)
 Peter, K8PGJ will be active again from Grand Cayman Island, IOTA NA-016, 11 - 19 January 2020 as ZF2PG. [PJ4A Bonaire Island. From DXNews.com](#) (10/01/2019 04:52)
 PJ4A Team will be active from Bonaire Island, IOTA SA - 006, in CQ WW DX CW Contest, 23 - 24 November 2019. [FG4KH Guadeloupe. From DXNews.com](#) (10/01/2019 04:20)
 Philippe, F1DUZ will be active again as FG4KH from Guadeloupe, IOTA NA-102, 14 - 29 October 2019. [JW7XK JW6VM JW9DL JW5X Svalbard Islands. From DXNews.com](#) (10/01/2019 04:13)
 JW5X Team will be active from Svalbard, IOTA EU - 026, 9 - 14 October 2019, including activity in SAC Contest. [DXCC Most Wanted 2019. From DXNews.com](#) (09/30/2019 05:22)
 DXCC Most wanted countries 2019 Club Log version. Updated 23 September 2019.

From the League

ARRL Bulletins - 2019

2019-11-05 [ARLB022](#) W1AW 2019/2020 Winter Operating Schedule
 2019-09-26 [ARLX010](#) WWV Centennial Celebration and Special Event Kick Off this Weekend
 2019-09-20 [ARLB021](#) Ad Hoc Legislative Advocacy Committee to Meet with Lawmakers
 2019-09-19 [ARLB020](#) ARRL Renews Request for FCC to Replace Symbol Rate with Bandwidth Limit
 2019-09-13 [ARLB019](#) FCC Seeks to Streamline its Hearings Process
 2019-09-11 [ARLX008](#) ARRL and IARU President Emeritus Larry Price, W4RA (SK)
 2019-09-11 [ARLX009](#) Past ARRL Iowa Section Manager Bob McCaffrey, K0CY (SK)
 2019-08-20 [ARLX007](#) WWV Centennial Committee Prepares for Trial Run of WW0WWV Special Event
 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

[IARU and Amateur Radio are Reaching “an Inflection Point”](#) (11/08/2019 05:00)

Participants at the 45th meeting of the International Amateur Radio Union (IARU) Administrative Council (AC) in late September discussed the organization’s role in advancing amateur radio going forward. The IARU released a **summary record** of the meeting this week. IARU President Tim Ellam, VE6SH/G4HUA, who chaired the AC meeting in Lima, Peru, observed that the IARU and amateur radio are reachin...

[The K7RA Solar Update](#) (11/08/2019 03:24)

Two new sunspot groups appeared this week, on two consecutive days, each lasting for only a day, with a daily sunspot number of 11 and 13 on Friday and Saturday of last week, just in time for ARRL CW Sweepstakes. Both sunspot groups had a magnetic polarity signature indicating Solar Cycle 25 and appeared after 4 weeks of no sunspots.

[HamSCI Founder Nathaniel Frissell, W2NAF, Wins \\$1.3 Million Ionosphere Study Grant](#) (11/07/2019 12:27)

Nathaniel Frissell, W2NAF, now a University of Scranton physics and electrical engineering professor, has won a \$1.3 million National Science Foundation (NSF) grant to study weather effects in the ionosphere by leveraging a network of amateur radio stations. Frissell is perhaps best known within the amateur radio community as the founder of HamSCI, the Ham Radio Science Citizen Investigation in...

[Boy Scouts Sound Last Call for US Jamboree on the Air Reports](#) (11/07/2019 11:01)

The Boy Scouts are urging stations that participated in the 2019 Jamboree on the Air (**JOTA**) to **submit** a report telling about their experiences. Information will be compiled into the US Jamboree on the Air Report.

If you don't have exact numbers for some of the information, provide a judicious estimate. An additional page seeks a list of communication modes used at your location as well as your s...

[Well-Known Contester, DXer Paul Newberry, N4PN, SK](#) (11/06/2019 01:09)

Well-known contester and DXpeditioner Paul H. Newberry, Jr., N4PN, of Macon, Georgia, died on November 5 after suffering a massive heart attack. An ARRL Life Member, Newberry turned 82 on November 1.

A major ARRL November Sweepstakes participant and perennial high-scorer, Newberry was first licensed in 1953 and operated under a long list of call signs, both foreign and domestic, and was on the a...

[W1AW to Commemorate 98th Anniversary of First Amateur Radio Signals to Span the Atlantic](#) (11/06/2019 08:36)

December 11 marks the 98th anniversary of the success of ARRL's **Transatlantic Tests** in 1921, organized to see if low-power amateur radio stations could be heard across the Atlantic using shortwave frequencies (i.e., above 200 meters). On that day, a message transmitted by a group of Radio Club of America members at 1BCG in Greenwich, Connecticut, was copied by Paul Godley, 2ZE, in Scotland.

[Preparations Resume for 3Y0I Bouvet Island DXpedition](#) (11/05/2019 08:22)

Another attempt to activate Bouvet Island is in the planning stages, according to the 3Y0I website. Efforts are under way to secure the necessary funds.

"As you probably know, our first attempt to reach the island of Bouvet in March 2019 failed," the news update said. "Despite complex preparations and training received in Cape Town, South Africa, our vessel got hit by a big storm so badly that w..."

[The American Legion Amateur Radio Club to Operate Special Event Station N9V on Veterans Day, November 11.](#) (11/05/2019 07:22)

The American Legion Amateur Radio Club (**TALARC**) headquarters station, K9TAL, will anchor Veterans Day operations for special event N9V on Monday, November 11.

K9TAL will be joined by several TALARC stations around the US for its annual national salute to veterans. The American Legion is celebrating its 100th anniversary this year. Operation will be from 1800 to 0000 UTC on or about 7.285, 14.285...

[Maine Radio Amateurs Helping to Deploy AM Band Public Information Radio Service](#) (11/05/2019 07:15)

Waldo County, Maine, is implementing the nation's first county-wide emergency AM radio station with the help of radio amateurs.

"We realized that the last option [in emergencies] most people have for getting information is by broadcast radio," said **Waldo County Emergency Management Agency** Director Dale Rowley, KC1LKI. He recalled an ice storm a few years ago that took down the power grid for a w...

[IARU Reports Early Progress, Contention on Difficult Issues Mark First Week of WRC](#) (11/04/2019 12:03)

The first week of World Radiocommunication Conference 2019 (WRC-19) saw agreement reached on several issues on which discussions prior to the conference had revealed consensus. Those were the easy ones; the rest will be more difficult, the International Amateur Radio Union (IARU) said. The conference is under way in Sharm El-Sheikh, Egypt. The IARU said the early agreements were only possible b...

[Pitcairn Island VP6R DXpedition Logs More Than 80,000 Contacts](#) (11/04/2019 12:01)

The **VP6R DXpedition** to Pitcairn Island shut down at 1800 UTC on November 1, reporting 82,700 contacts. They reported excellent weather for the teardown and got everything packed and aboard the *Braveheart*, which is taking them to Mangareva. According to their update, the oldest resident of Pitcairn Island died on November 1, and the VP6R team attended the funeral the next day. The individual was...

[FCC Asked to Clarify Amateur Rules Governing Encrypted or Encoded Messages](#) (11/04/2019 11:52)

The FCC's Wireless Telecommunications Bureau is soliciting comments on a *Petition for Declaratory Ruling* filed on behalf of New York University (NYU) seeking to clarify that Section 97.113(a)(4) of the Amateur Service rules prohibits the transmission of "effectively encrypted or encoded messages, including messages that cannot be readily decoded over-the-air for true meaning." Comments are due ...

[HuskySat-1 Successfully Lifted into Space](#) (11/04/2019 09:40)

AMSAT reports that on November 2, a Cygnus cargo spacecraft carrying the University of Washington's student-built **HuskySat-1** CubeSat was successfully launched atop a Northrop Grumman Antares rocket. The Cygnus will dock with the International Space Station (ISS) today, November 4.

Ham radio contest calendar

- [ARRL Contest Calendar](#) ★★★★★ - Comprehensive ARRL contest calendar, includes rules sobox 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 possibility 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 of 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 – XRF103B

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.

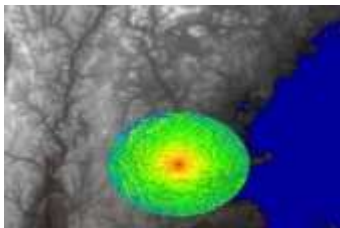
EmComm events and repeater use

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

Alan Martin – W1AHM, [Middlesex County District Emergency Coordinator ARES](#)

[Darrel Mallory – K1EJ, Middlesex County Assistant District Emergency Coordinator ARES](#)

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 lose power in the region, an HT with a supply of batteries will reconnect you to other local hams.



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PARTicles © 2016-2019, a publication of PART of Westford, MA – WB1GOF

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Contact us at: info@wb1gof.org

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