

MAY PARTicles



The newsletter of PART of Westford, MA – WB1GOF

Celebrating 40 years of public service 1975-2015

President's Column

- Andy Stewart (KB1OIQ)

I was looking forward to going to NEAR-Fest. It didn't happen. The weather was awful. It was cold, raw, and raining. I remember my first few trips to NEAR-Fest, as a new ham, and they were just like that. I understand from others that very few people attended. Oh well, there's another one in October.



The rather inclement weather has put quite a damper on other outdoor activities, such as antenna raising. A new antenna, or an existing one oriented differently, might help you contact parts of the world previously unreachable to you. Despite the lack of sunspots, there are contacts to be made. Is the band dead, or is everybody listening and nobody calling CQ? There's one way to find out. Give a shout anyway, what have you got to lose? You might be pleasantly surprised.

Have you heard about the Space Weather woman? Dr. Tamitha Skov is a space meteorologist who explains sunspots, solar flares, and aurora in a relatively non-technical way. She has a website here: <http://www.spaceweatherwoman.com>. I also encourage you to find her videos on YouTube. There is a new video approximately once per week.

By the time you read this, the Apple Blossom Parade will probably be history. I'd like to

thank the PART members who participated in this event, and I hope that somebody will give us a brief report at the PART meeting.

The Dayton Hamvention is taking place on May 19th-21st. Is anybody attending? I've never been, but I've been told that I should definitely go.

Field Day planning is well under way, and many people are stepping up to help. Thank you! George (K1IG) will talk more about Field Day at our club meeting on May 16th. Wow, that came up on me fast! I am looking for a speaker or two for the meeting. If interested, please contact me ASAP.

Shortly after Field Day, the 13 Colonies Special event will get under way. PART is no longer playing a major role in this event, but operators from Massachusetts will still be needed. The event takes place from July 1st - July 6th. An HF rig of 100 watts (or more), skill handling a phone pileup, and the desire to have fun and make lots (!) of contacts are all that is required. If interested, contact Joe Casieri (KA1JBE) at ka1jbe@hotmail.com.

The annual Boxboro Convention will be held this year on September 8th-10th. Tickets go on sale on June 1st on their newly revamped website: <http://www.boxboro.org>.

Have a lot of fun, and 73!

Treasurer's Report

PART Treasury between 21-March '17 & 17-April '17 (As of 18-April '17)

	<u>General Fund</u>	<u>Repeater Fund</u>	<u>Checking Total</u>
Old Balance	\$ 4,125.24	\$ 4,834.39	\$ 8,989.63
Income	\$ 181.25	\$ 14.51	\$ 195.76
Expenses	\$ (263.68)	\$ (0.00)	\$ (263.68)
Net	\$ (82.43)	\$ 14.51	\$ (67.92)
New Balance	\$ 4,072.81	\$ 4,848.90	\$ 8,921.71
Accounts Receivable	\$ 5.00	\$ 3.25	\$ 8.25
Accounts Payable	\$ (307.18)	\$ 0.00	\$ (307.18)
Net Credit	\$ (302.18)	\$ 3.25	\$ (298.93)
Net Worth	\$ 3,770.63	\$ 4,852.15	\$ 8,622.78

[Note: Positive GF net, positive RF net, negative overall net, negative GF net credit, positive RF net credit, negative overall net credit/AHM]

Treasurer's note: New report lines account for funds headed into or out of our club's checking account. Accounts Payable refers to checks we've written which haven't yet been cashed, wire transfers which haven't yet been withdrawn, etc. Accounts Receivable includes funds in hand and PayPal payments which haven't yet been deposited, etc. These figures don't reflect anticipated income or expenses such as dues in the mail or next month's repeater landline bill.

PART 2017 Membership as of 12-May '17

Individuals (= New for 2017 + Renew for 2017)			Households (= New for 2017 + Renew for 2017)		
Full (\$25)*	30	(=1 + 29)	30	(=1 + 29)	
Senior (\$15)*	33	(=0 + 33)	33	(=0 + 33)	
Family (\$30)	19	(=2 + 17)	9	(=0 + 9)	
Student (\$15)	1	(= 1 + 0)	1	(=1 + 0)	
Associate (\$10)	0	(= 0 + 0)	0	(=0 + 0)	
Grand Total*	83	(=4 + 79)	73	(=2 + 71)	

ARRL members:* 74 / 88.2%

(Including ARRL Life members:* 14)

NOTE: Starred lines changed since 17-Apr '17.

New Members:

None

##To pay dues##

PART, P.O. Box 503, Westford, MA 01886-0015

-or-

Club Meeting, Cameron Senior Ctr., 7:00PM, 3rd Tuesday

Renew online by PayPal at: http://www.wb1gof.org/F_join/part_dues.html

PART's official mailing address is:

PO Box 503
Westford, MA 01886

Our website is: <http://wb1gof.org>
Our forum is: <http://wb1gof.net/forums/>
Contact us at: info@wb1gof.org
Follow us on Twitter: www.twitter.com/wb1gof
Like us on Facebook: www.facebook.com/wb1gof

PART Officers:

President: Andy (KB1OIQ) Stewart
Vice President: Rich (AB1HD) Crisafulli
Secretary: Rick (W1RAG) Green
Treasurer: Alan (W1AHM) Martin
Director-At-Large: Steve (W1KBE) Rimsa

Upcoming PART Meetings/Events

May 16th 2017

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

June 3rd 2017

- PART monthly breakfast. Westford Regency. 8-10 AM (\$19/\$9; kids: \$9 – see note below)

June 20th 2017

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

June 24&25, 2017

- **Field Day LOCATION: Concord Rod and Gun Club, 74 Strawberry Hill Rd, Concord, MA**

July 1st 2017

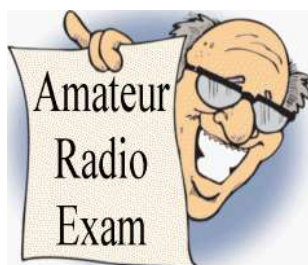
- PART monthly breakfast. Westford Regency. 8-10 AM (\$19/\$9; kids: \$9 – see note below)

July 18th 2017

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

Monthly PART Meetings and Social Events

- Every Sunday, 8 PM – PART Net on 146.955 repeater, Echolink Node 380799
- Every 3rd Tuesday, NEW TIME - 7:00 PM – PART Meetings at Cameron Senior Center
- Every 1st Saturday, 8 AM, Regency Inn Westford – PART Monthly Breakfast
- Every Wednesday, 6 AM, Owl Diner Lowell – Breakfast



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: Bruce W1LUS at 978-851-2886 [Email Bruce W1LUS](mailto:Bruce.W1LUS@arrl.org) or Gary W1GFF at 978-453-1100 [Email Gary W1GFF](mailto:Gary.W1GFF@arrl.org).

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.boroboro.org
Adams MA	N BerkshireARC	http://www.nobarc.org/hamfest.htm
Dartmouth MA	SEMARA	http://www.semara.org/flea.htm
Falmouth MA	FARA	http://www.falara.org
Feeding Hills MA	MTARA	http://www.mtara.org
Framingham MA	FARA	http://www.fara.org & http://www.n1em.org
Marlboro MA	AARC	http://www.gsl.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
Whately MA	FranklinCARC	http://www.fcrc.org/news.htm
Worcester MA	WPI ACM	http://acm.wpi.edu/swapmeet/



New England Area Ham/Electronic Fleas:

<http://web.mit.edu/w1gsl/Public/ne-fleas>

2017

20 May Goshen CT SoBARC \$5@8 @FG Stan W2VID 518 398 7003 W+
21 May Cambridge MA Flea at MIT Mitch 617 253 3776 F+
3 June Brookline NH NEARC Antique@EvtCr \$10@7:30 \$5@8:30 Bruce 603 772 7516 W+
3 June Hermon ME PSARC @HS S@6:30 B@8 Jerry K1GUP 207 848 3400 W+
4 June Fishkill MtBARC @DwnStCorr Adam KC2DAA 845-849-3666 A+
4 June Staten I NY CPARA @ScoutCamp Gary KB2BSL 718 504 0030 W+
4 June Bethpage NY LIMARC @Brierclif Richard K2KNB 516 694 4937 A+
10 June Windsor CT VR+C Mus 115 Pierson LN @8AM Outside John 860 673 0518 +
11 June Queens NY HoSARC Stephen WB2KDG 718 898 5599 A+
18 June Cambridge MA Flea at MIT Mitch 617 253 3776 F+
16 July Cambridge MA Flea at MIT Mitch 617 253 3776 F+
5 Aug Milo ME PARC ThreeRiver @Kiwanis George WA1JMM 207 441 6112 A+
19 Aug Windsor ME AARA @FG Bill K1NIT 207 512 0312 A+
20 Aug Cambridge MA Flea at MIT Mitch 617 253 3776 F+
27 Aug Adams MA NoBARC @BoweFld 6:30sell 7:30buy Eric KA1SUN 413 743 9975
27 Aug Newtown CT CARA @Town Hall John W1JGM 203 417 0160 A+
8,10 Sept Boxboro MA FEMARA NE Conv Mike K1TWF 978 250 1235
9 Sept Windsor CT VR+C Mus 115 Pierson LN @8AM Outside John 860 673 0518 +
10 Sept Ballston Spa NY SCRACES @FG \$6@7 Jim KG2H 518 703-9558 F+
16 Sept Alexander ME StCVARC @EISch Roger W1LH 207 454 2174 A
17 Sept Cambridge MA Flea at MIT Mitch 617 253 3776 F+
8 Oct Queens NY HoSARC Stephen WB2KDG 718 898 5599 A+
8 Oct Meriden CT Nutmeg@Sheraton John N1GNV 203 440 4973 A+
13-14 Oct Deerfield NH NEARFest XXII @FG Mike K1TWF 978 250 1235 W+
15 Oct Cambridge MA Flea at MIT Mitch 617 253 3776 F+
21 Oct Brookline NH NEARC Antique@EvtCr \$10@7:30 \$5@8:30 Bruce 603 772 7516 W+
28 Oct Gales Ferry CT TCARC @FireCo auction Darryl WA1DD 860 443 7799 W
29 Oct Hicksville NY LIMARC @LeviitHall Richard K2KNB 516 694 4937 A+
11 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7 ralph N1YHS 508 548 0422
2 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor John 860 673 0518 +

2018

3 Feb Springfield VT CVFMA @VFW @8 B/Free \$5/T@7 Dave K1ZS 603 446 7312
10 Mar Chicopee MA MtTomARA @Castle \$5@8:30 S@6:30 Brian KC1BDF 860 478 6790
30,31 Mar Lewiston ME AARC ME Conv @Ramada @8 Ivan N1OXA 207 784 0350
7 Ap Hampton NH PCARC @Masonic \$5@8 \$10/T@7 Mark K1RX 603 231 8965
14 Ap Newton MA PHSNE Photographica Sat Only @AmLegion @9A John 781 592 2553

Near-term local fleas

Flea at MIT
Sunday, 21-May'17
Sunday, 18-Jun'17
Buyers \$6.00, 9:00AM-2:00PM (\$1.00 discount with flyer:
<<http://web.mit.edu/wlmx/www/swapfest/swapfest-2017.04.pdf>>)
Parking Lot&Garage on Albany St. Cambridge, at Portland St.
<<http://goo.gl/maps/KpTQO>>
<<http://web.mit.edu/wlmx/www/swapfest/buyers-parking.pdf>>

New England Antique Radio Club Show
Saturday, 3-Jun'17
Buyers 7:30AM:\$10.00, 8:30AM:\$5.00, 10:00AM:Free!; Children:Free!
<<http://www.nearc.net/swapmeetinfo.htm>>
Brookline Event Center, 32 Proctor Hill Rd., Brookline, NH
<<http://goo.gl/maps/2BL0L>>

Field Day

Field Day 2017

George, K1IG - Field Day Chairman

Mark your calendars and break out the insect repellant – it may feel like winter now, but Field Day 2017 is just three months away. PART will be at the Concord Rod & Gun Club again this year on June 24th and 25th, with plenty of food and fun, and there may even be a few foxes to find. Last year we contacted 49 of 50 states – can we get them all this year?



Response to the first call for volunteers has been very good; we've got stations for CW, SSB, VHF, and Get On The Air (GOTA), a Safety Officer, food team leader, and antenna team leader identified. Important slots we need to fill are the digital station leader and generator coordinator.

Antennas will be set up on Friday, June 23, and we need at least 15 people to help put them up. If you haven't done this in previous years the routine is simple; we usually start around noon and divide into two teams. With enough people and enthusiasm we can finish by 5:00 PM.

More information will be provided at the monthly PART meetings.

Current and past PART Field Day information can be found at <http://fd.ema.arrl.org/ClubDetail.php?club=PART>

Public Service

Wellesley Veterans Parade – Sunday May 21st, 2017

The Wellesley Veterans Parade will be held on Sunday, May 21 and we hope you will be able to help.

The time commitment is: 11 a.m. to 3 p.m. on Sunday, May 21st in Wellesley.

We meet at 11 a.m. at the Wellesley Community Center at 219 Washington Street.

The duties are to get the 125 units in order. The units arrive at Noon and they are told prior to arrival to go to a specific street and location. We need to check off that the unit has arrived and that it is in the proper location. Then we need to start the parade at 1 p.m. and key the units in order down the street.

A radio communications plan has been developed. Are you able to help?

Please let Carl Nelson know if you can join the team. His email is cnelson111@comcast.net His cell phone is 781-929-9095.

Thank you for your service and help to our veterans.
<http://www.wellesleyweekend.com/parade.html>

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.



Special Event Stations in New England

06/03/2017 | Nuclear Submarine USS Nautilus SSN 571 Museum Ships Weekend

Jun 3-Jun 4, 1300Z-2100Z, N1S, Groton, CT. Generations Amateur Radio Club. 21.324 14.264 7.264 3.924. QSL. GARC c/o Harrison Solt, N1FAM, 110 Vinegar Hill Rd, Gales Ferry, CT 06335. SASE please. Details on QRZ N1S and K3LBD listing. Nautilus information at www.ussnautilus.org/. www.qrz.com/db/n1s

06/09/2017 | Relay for life

Jun 9-Jun 10, 1200Z-1200Z, N1C, Gardner, MA. Mohawk Amateur Radio Club. 21.240 14.240 14.070 7.240. QSL. Bill Leger, N1UZ, 38 Chapel St., Gardner, MA 01440. We will be operating SSB, RTTY and PSK we will QSL all North America with a SASE, to Bill Leger, 38 Chapel St. Gardner, MA 01440 All other QSL through bureau via call sign N1UZ www.facebook.com/GreaterGardnerRelay

06/13/2017 | Our Lady of Fatima 100th Anniversary

Jun 13, 1900Z-2200Z, W1HGY, Taunton, MA. Saint Maximilian Kolbe Net. 14.341 7.241 3.841. Certificate. Lloyd Bankson Roach, K3QNT, 120 W Watson St, Bedford, PA 15522. Celebrating the 100th Anniversary of the Apparition of Our Blessed Mother at Fatima, Portugal in 1917 - All stations are welcome and encouraged to send for the QSL certificate. saintmaxnet.org

Amateur Radio News



From eHam.net News:

'New' Belize Amateur Radio Club Admitted to IARU Membership:

by WIA on May 14, 2017

The International Amateur Radio Union (IARU) has approved the admission of the new representative of the radio

amateurs of Belize in the Caribbean Sea to IARU membership. The proposal was put to the vote with 77 member-societies being in favour of admitting the Belize Amateur Radio Club (BARC) with none opposed.

WIA Tries Out On Line Trial Exams:

by WIA on May 14, 2017

The Wireless Institute of Australia has been working toward some on line assessments for some time and has introduced a trial exam system as a 'proof of concept' exercise. There are currently two trial theory assessments at the Standard level and in future these will include a couple of Advanced theory assessments. The trials are on the Assessor Information System website www.silvertrain.com.au. As part of the security process, those wanting to see them must first register on that website by clicking on the Amateur Radio tab, then on Amateur Radio Standard Theory Trial Exams, click on request access, complete the form, and then submit it. The next step will be receipt of a confirmation email advising that the request is being processed, and this is followed by a user name and password so you can log on to the trial assessments.

Foundations of Amateur Radio -- #101:

by Onno VK6FLAB on May 13, 2017

The things you learn when you have a slightly different operating environment. During the week I used high power whilst mobile and learned several interesting things along the way.

Hamvention Talk In:

by Henry Ruminski (W8HJR) on May 13, 2017

Those planning to drive to Hamvention 2017 at its new location at the Greene County Fairgrounds and Expo Center in Xenia, Ohio should be prepared to communicate to make their arrival safer and easier.

VR20 Approved for 20th Anniversary of Hong Kong's Reunification with China:

by Brett Graham VR2BG on May 13, 2017

On the occasion of the 20th anniversary of Hong Kong's reunification with China, Hong Kong (Special Administrative Region of China) authorizes its licensed radio amateurs to use the special amateur call sign prefix VR20 on a voluntary basis from 1 July 2017 to 30 June 2018.

Ham Radio to Check if Fishermen Get Weather Updates on Sea:

by business-standard.com on May 13, 2017

Ham radio operators will help check whether fishermen along West Bengal coast receive weather updates via radio broadcast in the deep seas, an operator said on Thursday. A joint inspection for measuring the signal strength of All India Radio broadcast in the deep seas will be held on May 14 and 15 by the Coast Guard, AIR, state fisheries department, fishermen's association and ham radio operators.

Propagation Forecast Bulletin #19 de K7RA:

by W1AW Bulletin via the ARRL on May 12, 2017

Average daily sunspot numbers this week (May 4-10) were 17.1, down from 25.1 last week. Average daily solar flux declined from 76.9 to 71.5. There were three consecutive days with 0 sunspots this week, May 9-11.

Spaceweather.com noted that Thursday was the thirty-third day with 0 sunspots in 2017, and through all of 2016 there were 32 days with no sunspots. Being early May, this indicates an acceleration of the decline of the current solar cycle.

Hamvention Organizers Anticipating Up to 35,000 Visitors:

by The ARRL Letter on May 12, 2017

Dayton Amateur Radio Association (DARA) treasurer and Hamvention spokesperson Mike Kalter, W8CI, says that everything is falling into place for "a five-star event" at Hamvention's new venue, the Greene County Fairgrounds and Expo Center in Xenia, Ohio, May 19-21.

ARRL Field Day Site Locator Is Live for 2017, Announcements Available:

by The ARRL Letter on May 12, 2017

ARRL Field Day is June 24-25 -- always the fourth weekend in June. The Field Day site locator is now up and running, and, to date, around 400 sites are already in the database. To find a Field Day site near you, type in your town and state in the "Location or Call Sign" box at the upper left. Listings are also available by state or Canadian province. To add a site, visit the Add Field Day Station page.

Registration Now Open for USA ARDF Championships:

by The ARRL Letter on May 12, 2017

Registration is now under way for the 2017 USA and International Amateur Radio Union (IARU) Region 2 championships of Amateur Radio Direction Finding (ARDF), which will take place August 3-6 near Harrison, Ohio, northwest of Cincinnati near the Indiana state line. Three optional training days are planned for Monday through Wednesday, July 31-August 2 near Harrison, just prior to the championships. If you have never experienced a full ARDF course, this is your chance to do so in a friendly environment. Your only opponent will be the clock.

The Doctor Will See You Now!

by The ARRL Letter on May 12, 2017

"Optimizing Receiver Performance" is the topic of the latest episode of the "ARRL The Doctor is In" podcast. Listen...and learn!

IEEE-EMC Society Chicago Meeting Attendees Give to Spectrum Defense Fund:

by The ARRL Letter on May 12, 2017

The more than 200 attendees at the April IEEE-EMC Society Chicago Chapter meeting donated \$756 to the ARRL Spectrum Defense Fund. ARRL Central Division Director Kermit Carlson, W9XA, called the contributions "spontaneous and voluntary." The Society meeting was a special event at Fermilab in Batavia, Illinois, to which local Amateur Radio operators had been invited.

RadFxCat (FOX-1B) Passes Mission Readiness Review, Could Launch In Sept:

by The ARRL Letter on May 12, 2017

RadFxCat (Fox-1B) has successfully cleared another hurdle. A Mission Readiness Review was held April 29, at the Cal Poly campus before a board representing Tyvak, Cal Poly, and NASA, to verify that all requirements have been met for a safe and successful launch and deployment. AMSAT Vice President for Engineering Jerry Buxton, N0JY, presented 81 PowerPoint slides covering all Interface Control Document (ICD) requirements, mission, operations, and deorbit. Following the presentation and a question-and-answer session, the panel unanimously approved RadFxCat as ready for flight.

YASME Foundation Grants Will Support Youth Involvement In Amateur Radio:

by The ARRL Letter on May 12, 2017

The Yasme Foundation has announced several grants aimed at encouraging and promoting youth participation in Amateur Radio and advancing activities that result in new licensees around the world.



ARRL News

Hamvention® Promoting Use of Off-Site Parking Areas

May 13, 2017 - Hamvention® General Chairman Ron Cramer, KD8ENJ, is suggesting that visitors to the May 19-21 event at the Greene County Fairgrounds and Expo Center in Xenia, Ohio, use off-site parking in order to avoid traffic problems. Hamvention will offer free on-site and off-site parking during the event. "We are now promoting using off-site parking as a means to avoid traffic congestion around the Fairgr..."

The K7RA Solar Update

May 12, 2017 - Average daily sunspot numbers this week (May 4-10) were 17.1, down from 25.1 last week. Average daily solar flux declined from 76.9 to 71.5. There were three consecutive days with zero sunspots this week, May 9-11. Spaceweather.com noted that Thursday was the thirty-third day with zero sunspots in 2017, and through all of 2016 there were 32 days with no sunspots. Being early May, this indicates ...

[Midway and Kure Islands Reinstated as DXCC Entities](#)

May 11, 2017 - On March 31, 2017, the DXCC desk announced the deletion of Midway Island and Kure Island from the DXCC entities list. The stated reason for this action was because of changes in the administration resulting from changes in Papahānaumokuākea Marine National Monument, formerly known as the Northwestern Hawaiian Islands Marine National Monument, of which the Midway Atoll National Wildlife Refuge a...

[“New” Belize Amateur Radio Club Admitted to IARU Membership](#)

May 11, 2017 - The member-societies of the International Amateur Radio Union (**IARU**) have approved a proposal to admit a new representative of the radio amateurs of Belize to IARU membership. As of the May 9 deadline for voting, 77 member-societies had voted in favor of admitting the Belize Amateur Radio Club (**BARC**) with none opposed. There were no abstentions. An affirmative votes of 55 member-societies were ...

[Meet the Author at ARRL EXPO!](#)

Thursday, May 11, 2017 - ARRL will present a “Meet the Author” area in the **ARRL EXPO** at **Hamvention®** 2017, to give visitors an opportunity to speak with authors who are inspiring today’s radio experimenters, operators, and innovators. Three authors will be in the ARRL EXPO area:

- Ward Silver, NoAX, author of new ARRL publication ***Grounding and Bonding for the Radio Amateur***. This book shows you how to build your ham radio s...

[The Doctor Will See You Now!](#)

May 11, 2017 - “Optimizing Receiver Performance” is the topic of the latest episode of the “**ARRL The Doctor is In**” podcast. Listen...and learn! Sponsored by **DX Engineering**, “ARRL The Doctor is In” is an informative discussion of all things technical. Listen on your computer, tablet, or smartphone -- whenever and wherever you like! Every 2 weeks, your host, *QST* Editor-in-Chief Steve Ford, WB8IMY, and the Doctor...

[IEEE-EMC Society Chicago Chapter Meeting Attendees Give to Spectrum Defense Fund](#)

May 11, 2017 - The more than 200 attendees at the April **IEEE-EMC Society** Chicago Chapter meeting donated \$756 to the ARRL **Spectrum Defense Fund**. ARRL Central Division Director Kermit Carlson, W9XA, called the contributions “spontaneous and voluntary.” The Society meeting was a special event at Fermilab in Batavia, Illinois, to which local Amateur Radio operators had been invited. “This donation is a small show...

[Telecommunications Ministry in India Orders Halt to Online Transceiver Sales](#)

May 10, 2017 - The *Mumbai Mirror* in India **reports** that a complaint by radio amateurs has prompted the Telecommunications Ministry to order online purveyors, including eBay and Amazon, to stop selling wireless transmitting equipment. According to the newspaper, a group of hams wrote the Wireless Advisor in the Telecommunications Ministry last fall to warn that online sales of wireless equipment could pose a na...

[“Frequency,” “Last Man Standing” TV Shows QRT](#)

Wednesday, May 10, 2017 - *Hollywood Reporter* **reports** that The CW television network has pulled the plug on the Amateur Radio-themed show “**Frequency**,” which stars Peyton List as young police detective and radio amateur Raimy Sullivan. “Frequency was a combination of two of the season’s most

popular trends: time travel and movie reboots,” *Hollywood Reporter* said, noting that the show had been averaging 1.5 million viewers...

[Ham-Astronauts to Perform 200th Spacewalk at International Space Station](#)

May 10, 2017 - Astronauts ISS Expedition 51 Commander **Peggy Whitson, ex-KC5ZTD**, and Flight Engineer Jack **Fischer, KG5FYH**, will carry out a landmark 200th spacewalk at the International Space Station on Friday, May 12. **NASA TV** will cover the event live. Whitson and Fischer will venture outside the *Quest* airlock to replace a large avionics box that provides electrical power and data connections to science experi...

[The June Issue of Digital QST is Now Available!](#)

May 10, 2017

[Amateur Radio Volunteers Urgently Needed to Support Communication for NYC NAMI 5K Walk on May 13](#)

May 09, 2017 - Amateur Radio volunteers are urgently needed to assist with communications during the National Alliance on Mental Illness (**NAMI**) **Walk** on Saturday, May 13, at the South Street Seaport Promenade in New York City. Jose Lugo, **KD2CJP**, who is coordinating the NAMI event, said his team needs “all available hands on deck.” **Contact** him with availability as soon as possible. *Only reply if you are able to ...*

[Nominations Open for AMSAT-NA Board of Directors](#)

May 08, 2017

[Registration Now Open for USA ARDF Championships](#)

May 08, 2017 - Registration is now under way for the 2017 USA and International Amateur Radio Union (**IARU**) Region 2 championships of Amateur Radio Direction Finding (ARDF), which will take place August 3-6 near Harrison, Ohio, northwest of Cincinnati near the Indiana state line. Three optional training days are planned for Monday through Wednesday, July 31-August 2 near Harrison, just prior to the championships...

[Historic NSS Call Sign to be Reactivated for First Time in More than 40 Years](#)

May 08, 2017 - Operators from the US Naval Academy Radio Club (**W3ADO**) and the Potomac Valley Radio Club (**W3GRF**) will reactivate the historic NSS call sign on May 13-14 during the **Armed Forces Day Crossband Military/Amateur Radio Communications Test**. Operation from the former NSS Naval Radio Station site on Greenbury Point in Annapolis, Maryland, will get under way at 1300 UTC on Saturday, May 13, and continue...

[ARRL Bulletins](#)

- 2017-05-05 [ARLB013](#) Important Notice - New MF and LF Bands are Not Yet Available to Use!
- 2017-04-27 [ARLX004](#) Armed Forces Day Crossband Military/Amateur Radio Communications Test is May 13
- 2017-04-06 [ARLB012](#) Revised Memorandum of Understanding between ARRL and FCC Still a Work in Progress
- 2017-04-05 [ARLX002](#) 30th International Marconi Day Event Set for April 22

- 2017-04-05 [ARLX003](#) Former Kansas Section Manager Orlan Cook, W0OYH, and Former Sacramento Valley Section Manager Ron Murdock, W6KJ (SK)
- 2017-03-13 [ARLB011](#) W1AW 2017 Spring/Summer Operating Schedule
- 2017-02-27 [ARLX001](#) Past ARRL Midwest Division Director Lew Gordon, K4VX (SK)
- 2017-02-24 [ARLB010](#) New Section Manager Appointed in West Virginia
- 2017-02-22 [ARLB009](#) Winter Cycle Section Manager Election Results Announced
- 2017-02-21 [ARLB007](#) FCC Invites Comments on ARRL Petition to Allocate New 5 MHz Band
- 2017-02-21 [ARLB008](#) New Section Manager Appointed in Illinois
- 2017-01-26 [ARLB006](#) Amateur Radio Parity Act Speeds to U.S. House Passage, Heads to U.S. Senate
- 2017-01-17 [ARLB005](#) New "Amateur Radio Parity Act" Bill Introduced in US House of Representatives
- 2017-01-13 [ARLB004](#) ARRL Asks FCC to Allocate New 5 MHz Band, Retain Channels and Current Power Limit
- 2017-01-12 [ARLB003](#) Illegal Drone Transmitters Could Interfere with Air Traffic Control, ARRL Complaint Asserts
- 2017-01-06 [ARLB002](#) FCC Dismisses Two Petitions from Radio Amateurs
- 2017-01-03 [ARLB001](#) W1AW 2017 Winter Operating Schedule



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

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



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

[W.R.T.C. 2018 plans call for greater participation by young contesters](#)

The 8th World Radiosport Team Championship, WRTC 2018 in Germany next July, will offer seats on three teams for contesters who are 25 or younger at the time of the event

[South Korea Air Force Academy proposes FM repeater K2Sat to IARU](#)

The Republic of Korea Air Force Academy has submitted a coordination request to the IARU for the K2Sat satellite, a 3U CubeSat Mission

[Top 10 reasons to come to Dayton](#)

10. Rub shoulders with 25,000 of your best friends at the largest hamfest in the United States, including most of the AMSAT Directors and senior officers - Read the other Top 9 reasons

[Foundations of Amateur Radio - Episode 101](#)

The things you learn when you have a slightly different operating environment

[Board Talk](#)

The Wireless Institute of Australia (WIA) annual general meeting weekend in Hahndorf is so well attended it has resulted in one event changing to a larger venue

[Amateur Radio in the Cloud](#)

In Australia, the Bendigo Amateur Radio and Electronics Club has invited the public to 'Amateur Radio in the Cloud'

[St. Pierre and Miquelon Islands](#)

Members of the Cambridge University Wireless Society will be active as FP/homecall from St. Pierre and Miquelon Islands (NA-032) between September 13-23rd

[Ofcom awards four community radio licences in London](#)

Ofcom has announced the award of four new community radio licences in London

[QB50 CubeSats to deploy from ISS](#)

The first phase of QB50 CubeSats should be deployed from the International Space Station over three days May 16-18

[Enfield School STEM balloon launch Sunday](#)

On Sunday, May 14 an Enfield teacher plans to launch a High Altitude Balloon with 434 MHz transmitter on behalf of the school's STEM club

[MacLoggerDX Version 6.11 released](#)

Dog Park Software is pleased to announce that version 6.11 of MacLoggerDX has been released

[RSGB Strategy for 2017-2022](#)

The RSGB have made available online their new strategy for the next five years

[Poland soon to join 60m \(and more space at 70 MHz\)](#)

On Thursday, 11 th May, the Polish Government published a gazette notice amending regulations in the National Frequency Allocation Table

[60m allocation for Mexico](#)

The Mexican telecomms regulator, IFT - Instituto Federal de Telecomunicaciones, has approved amateur operation on the new WRC-15 60m amateur secondary allocation of 5351.5 to 5366.5 kHz

Cosmic rays intensify over California

The solar cycle is plunging to its lowest level in years. As sunspots vanish and the sun's magnetic field weakens, cosmic rays are penetrating the inner Solar System in greater numbers than usual

Radio hams to assist Coast Guard and Fisheries Dept

Amateur radio operators will help check if fishing vessels along the West Bengal coast receive weather updates via All India Radio

Monday is Essex Skills Night

Skills Night this Monday, May 15, will feature an auction in addition to all the usual activities; the event at Danbury Village Hall is open to all

Study into coexistence of 4G mobile phones and hearing aids

Ofcom has published a detailed technical study into the coexistence of 4G mobile phones using 2.3 GHz and assistive listening devices (ALDs) on 2.4 GHz

'New' Belize Amateur Radio Club admitted to IARU membership

The member-societies of the International Amateur Radio Union have approved a proposal to admit a new representative of the radio amateurs of Belize to IARU membership

E39DI postponed

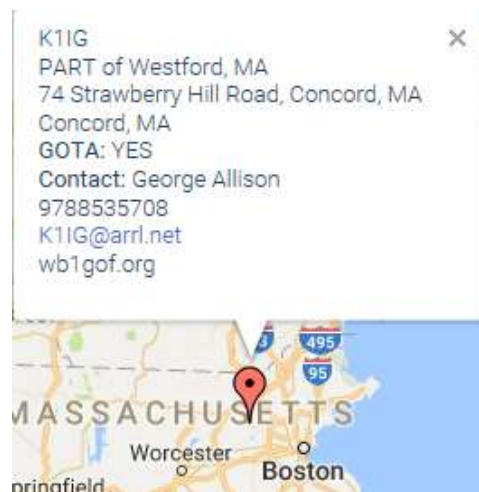
Zorro, JH1AJT, reports: E39DI activity from Dahlak Island is postponed. Our E3 DXpedition Team will go to Dahlak Archipelago as planned, but the stay there will be shortened due to a strong suggestion by the Eritrean Government

Field Day on Social Media!

Follow Field Day on Facebook and Twitter! ARRL has created a [Field Day event on Facebook](#), and you can also join the conversation by using the hash tag #ARRLFD. Share your plans, tips and tricks to a successful Field Day!

<http://www.arrl.org/field-day-locator>

Objective- To work as many stations as possible on any and all amateur bands (excluding the 60, 30, 17, and 12-meter bands) and to learn to operate in abnormal situations in less than optimal conditions. Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit, but are not eligible to submit entries



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](#) – every
- 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.

NOTE: You can LISTEN ONLY to this repeater audio by linking to this URL:

<http://www.radioreference.com/apps/audio/?feedId=10933> (effective 2/2012)

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>

Monthly PART Breakfast

Don't forget the monthly PART breakfast the 1st Saturday of each month at the Westford Regency Inn at 8 AM. The full hot & cold buffet breakfast costs about \$19 (includes tip) per person, a cheaper, lighter fare is available for adults and children. **NOTE: PLEASE let the folks who are settling the bill with the staff know whether you had a full or continental breakfast!**

Monthly Breakfast Pricing

Full breakfast: \$19.00 (new price)

Continental breakfast: \$12.00 (new price)

Kid's breakfast: \$9.00



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Robert Schmeichel
2011



Copyright WB1GOF,
Robert Schmeichel
2013

2017 ARRL Field Day is June 24-25

ARRL Field Day

ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.



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.

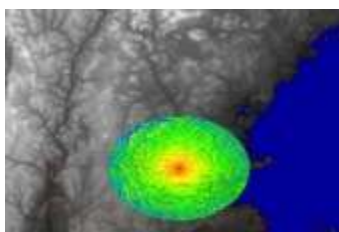
EmComm events and repeater use

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 in 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

PART official mailing address is:
PART, PO Box 503, Westford, MA 01886

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