

N.E.W.S. LETTER

The Official Publication of the North East Weak Signal Group – [N.E.W.S. - Home \(newsvhf.com\)](http://www.newsvhf.com)

May 2025

Volume 34

Issue 3

48th EASTERN VHF/UHF/MICROWAVE CONFERENCE:

May 9-11, 2025

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DON'T FORGET

**The North East Weak Signal Group 2 Meter Net
Every Thursday at 8:30 PM local 144.250 MHz**

MEMBERSHIP in the N.E.W.S Group is \$10 per 2 years.

Apply to George Collins, KC1V. E-mail: news.kc1v@gmail.com.

You may download an application from our web page: <http://www.newsvhf.com>

The N.E.W.S. LETTER is the publication of the North East Weak Signal Group.
Articles may be reprinted with proper credit given to the author and the N.E.W.S. LETTER.

Send articles by e-mail to Don W1FKF at donw1fkf-news@yahoo.com.

REMINDER: 222 MHz Activity Night Tuesdays 7 to 11 PM

**Wed Nights 8:30 pm - 432MHz K1FMS (N1DPM)
8:00 - 432.100 8:30 - 432.150 MHz**

Weekly Calendar

Mon. Packrats Nets start at 7:30pm on 6 meters, 8 pm on 144.150, etc. Philadelphia area.
Tues. Mud Toads Net FM 17, Virginia 8 pm 144.250
Tues. Activity Night 7:00pm 222.100 K1WHS +
Weds Activity Night 8:30pm 432 150 K1FMS (N1DPM) +
Thurs. NEWS net, 8:30pm 144.250
Sat. Chesapeake Net 144.205 W3BFC FM28 9 pm
144.205 Mornings 8:30-9:30 AM -- 144.205 , 144.190, ME, Canada to NC and out to OH, WV

Officers:

President Dick Frey, WA2AAU, Delanson, NY
Vice Pres. Eric Mazur, KA1SUN, Savoy, MA

Treasurer George Collins, KC1V, Somers, CT
Secretary Paul Wade, W1GHZ, Cabot, VT

Board Of Directors:

Tom Cefalo W1EX N Reading MA
Tom Williams WA1MBA Orleans, MA
Bob Bownes KI2L, Troy, NY
Mark Casey K1MAP, Hampden, MA

Spring Sprints

222 MHz Tuesday April 22, 2025. **2300z (7pm EDT) to 0600z (11pm PDT),**

432 MHz Wednesday April 30, 2025. **2300z (7pm EDT) to 0600z (11pm PDT),**

Microwave (902 MHz and up) Saturday May 3, 2025. 0800 AM – 0200 PM Local

50 MHz Saturday May 10, 2025. 2300z through Sunday May 11, 2025, 0300z

NEWS Meeting 22 March 2025
at Storrs Library, Longmeadow, MA
and by ZOOM

Called to Order by Vice-President,
KA1SUN, at 1311

TREASURER REPORT

Balance \$2814
14 renewals
3 new members

OLD BUSINESS

Error in Conference dates on webpage
W1MKY - prizes needed check your
workbench for excess stuff to donate

W1LE - beacon update:

- Working with Blue Hill on site
- Hardware in progress on bench now

that shack has heat

NEW BUSINESS

ANNOUNCEMENTS

KC1DWH - VHF demo W1MB

SHOW & TELL

W1GHZ - 10GHz preamp prototype
N1JEZ - Larcan 432 MHz SSPA pallet
N1JEZ - LCR component tweezers
W1FKF - USB power meter good to 20
GHz \$35
KI2L - Arduino Ethernet interface PCB
W1VLF - BASIC LIGHT COMMUNICATION
K1FMS - 950 nm or 319THz
KI2L - interface for IC-905 from
K7MDL

ADJOURN 1513

I thought this photo might be an interesting thing to put in the next NEWSletter. It shows the annual Northeast VHF Society picnic at Mt Tom,

near Holyoke, MA. About the only living persons that I recognize are Dick W1ZC, K1PXE, WA2LTM, K9AQP Bob Reif, and Del K1UHF. I took the picture. It was a 35mm slide that I just converted to digital format.

I am trying to identify the remaining people without call letters



attached. The guy in front of K1PXE and the fellow to the right of K1ABR are driving me crazy. I remember them, but forgot their calls. Maybe someone can make some additional identifications.

73

Dave K1WHS

.....

48th EASTERN VHF/UHF/MICROWAVE CONFERENCE:

May 9-11, 2025

Hilton Garden Inn (860)-688-6400

555 Corporate Drive, Windsor, CT 06095

(I91 exit 38 to Day Hill Rd.)

Room Reservations available NOW at special rate. Limited Supply--Reserve Now.

[Hilton](#)

A complementary shuttle is available from Bradley Airport +1 860-688-6400

RAIL Stop nearby--Our friends from NY, NJ, PA and South and West may want to travel by AMTRAK. The Hotel Shuttle can pick you up for free at the Windsor Locks, CT Train Station, (but not from Hartford, if you get off there). If any problem call Mark or Paul

Registration \$40 (\$50 after April 30---\$100 price listed is just a waker-upper)

Saturday Lunch at Jim's Restaurant

124 Poquonock Ave. Windsor, Ct \$20

(reserve and pay on Registration page)

Banquet \$ Must order before April 30

Chicken

Steak

Vegetarian Penne Pasta

[REGISTRATION & Banquet Purchase is ON-LINE NOW](#)

SCHEDULE

Friday, May 8, 2025

12NOON -- Meet K1MAP in Hotel Lobby for Lunch (self pay)

2PM -- Afternoon Program

4PM -- Discussion Session: Options for FT8 in VHF+ Contests

6PM -- Dinner on your own. Many nearby choices.

7-10PM -- Social Gathering/Hospitality & Indoor Swap & Vendors in Windsor

Banquet Room

Sat. May 9, 2025

6-9am -- Breakfast Included with Hilton Room

8:30AM -- Full Day Program, Auction, Vendors

11:30AM -- (Register at Newsvhf.com-\$20) Pizza+Salad Lunch at Jim's Restaurant

1PM to 4PM -- More Talks, Auction, Vendors

5-7PM -- Social Gathering & Indoor Swap in Windsor 4 room and Banquet Hall

Lobby

7PM -- Evening Banquet, Tom Kirby Award, Sam Harris Quiz

and SUPER EXTRAVAGANZA PRIZE GIVEAWAY!!

Sun. May 10

8AM - Noon -- Morning tailgate at Vintage Radio Museum parking lot, 115 Pierson Lane, Windsor.

Free Admission to Tailgate or Buy. (Buyers Please Park on Street)

Reduced Admission to Museum

Call for Papers & Presentations

Please Contact Paul Wade, W1GHZ

w1ghz@arrl.net

Please consider making a presentation and/or writing a paper to be included in the Proceedings CD

For general conference information:

Mark Casey, K1MAP

map92map@gmail.com

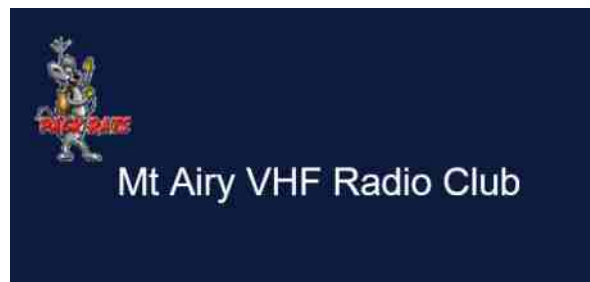
413-222-9292 call or text

Official Webpage: <http://www.newsvhf.com>

Support Your Conference Donate a Door Prize

Mickie W1MKY, Don W1FKF

[Email W1MKY](mailto:W1MKY) [Email W1FKF](mailto:W1FKF)



[Cheese Bits April 2025](#)

Presentations (preliminary 4/9)

FRIDAY Afternoon 2:30 to 5 pm

Workshops – *Learn by doing!*

Sun Noise Workshop (W1GHZ and W1FKF) – Hands on workshop on using Sun, Sky, and Ground Noise to measure Noise Figure and Antenna performance using a cheap RTL-SDR dongle or the WSJT program. **If you have one, bring an RTL-SDR and a laptop, and a transverter or preamp, so you can follow and participate in the demonstrations. ~1/2 hour introduction followed by outdoor demonstrations, weather permitting**

SATURDAY

WA1MBA Understanding Frequency Synthesizers

KI2L Adding Ethernet to Arduino

W1GHZ Simple and Cheap Low Noise Preamps for 5.76 & 10 GHz

KD2TAI Microwaves in Quantum Computing

W9JJ & N1SFE Contest Update Forum 2025

N1AC SDR Phased Array Radar

W1VLF Basic Light Communications

K1FMS 940nm or 319 THz

N1JEZ Simple Synthesizer Signal Generator

K1RZ W3SZ-K1RZ Contest Database and Map

AF1T Looking at Loops, a Visual Survey of Loop Antennas

More Presentations Still Needed!

.....
The New England QSO Party on May 3rd and 4th is a great time to check out antenna systems and offers a moderately paced opportunity to work new states and countries. You'll find a wide variety of participants, from newcomers to experienced contesters, all interested in making contacts with New England stations.

Our goal is to get every one of the counties in New England on the air so we hope you will encourage your members to join in the fun! Even if you can only join the fun for a couple of hours, we'd appreciate it! **Will you be QRV? Let us know with a message to info@neqp.org**

The New England QSO Party is 20 hours long overall, in two sections with a civilized break for sleep on Saturday night. It runs from 4 pm Saturday until 1 am Sunday, then 9 am Sunday until 8 pm Sunday. Operate on CW, SSB and/or digital modes on 80-40-20-15-10 meters. For each QSO you'll give your callsign, a signal report and your county/state. Top scorers can earn a plaque and everyone who sends in a log with 25 QSOs or more will get a certificate. The goal is to work stations anywhere in the world - and their goal is to work New England stations, so you'll be very popular!

Last year we had logs from 212 New England stations and 516 more logs from around the country and world.

The full rules are here -> www.neqp.org/rules

The 2024 results were posted last weekend -> <https://neqp.org/2024-new-england-qso-party/>
It's just under three weeks until the 2025 NEQP. Please make some QSOs even if you don't want to send in a log!

Thanks! 73 Tom/K1KI

Get Ready
Announcing the VHF Fall Sprints 2025

Sponsored by the Mt. Airy VHF Club

50MHz	August 9th	1800UTC-2200 UTC
144 MHz	September 22nd	7PM - 11PM
222 MHz	September 30th	7PM - 11PM
432 MHz	October 8th	7PM - 11PM
902 MHz	October 25th	8AM - 2PM
and up		

Short Seat Time - Promote Weak Signal - Check Your Equipment

www.packratvhf.com



Q5 SIGNAL



OnlineMetals.com



Directive Systems & Engineering
Directive Systems & Engineering VHF, UHF, Microwave Antennas and related products



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Former ARRL Vice Director and Contest Advisory Committee Chairman Wayne Overbeck, Ph.D., N6NB, passed away on April 12, 2025

He was 82 years old. Overbeck held an Amateur Extra-class license and was active in amateur radio for over 68 years. He served four terms as Vice Director for the ARRL Southwestern Division, from 1984 to 1993, and was chairman of the ARRL Contest Advisory Committee during the 1970s, as well as an ARRL Life Member. Marty Woll, N6VI, also a past Vice Director, has known and operated with Overbeck for over 40 years. “As K6YNB, he began mountain-topping on both the west and east coasts in a camper truck outfitted with radios, antennas, and amplifiers (known as the “Cabover Kilowatt”) and, by 1980, had a dozen national first-place finishes in VHF+ contests, setting scoring records that were never broken under the pre-grid scoring system,” said Woll. Overbeck received the ARRL Technical Excellence Award in 1977. He received the John Chambers Memorial Award from the Central States VHF Society twice, first in 1978, and again in 2015. He was honored as Radio Amateur of the Year at the Dayton Hamvention® in 1980. Overbeck was an accomplished journalist, communications law professor, lawyer, real estate broker, 20-year author of a widely-adopted textbook, pilot, sailor, cabin-builder, computer programmer, and amateur radio engineer.

Microwave Update

October 17-18 2025 Friday and Saturday

Casino Del Sol - Conference Center - Tucson AZ.

<https://microwaveupdate>



MEMBERSHIP APPLICATION

Date: _____

Name: _____

Call sign: _____ Grid: _____

Street: _____

City: _____ State: _____ Zip: _____

Phone (home) _____ Optional (work) _____

Email _____

ARR member: Y N

Electronic Newsletter Delivery: Y N

Operational Bands (circle)	50 MHz	144 MHz	222 MHz	432 MHz	903 MHz	1.2 GHz	2.3 GHz
	3.4 GHz	5.6 GHz	10 GHz	24 GHz	47 GHz	76 GHz	Light
	Other (list)						

The North East Weak Signal [N.E.W.S.] Group was established in 1993 to form a camaraderie among fellow VHF-UHF-Microwave enthusiasts and support a convenient means to exchange technical information. We currently have six meetings per year, 4 are held on at the Storrs Library on Rt. 5 in Longmeadow, Mass., 1 at our annual Conference in April, and 1 at our Annual Picnic in July. We provide a "NEWSLETTER" that is distributed via email two weeks prior to each meeting. Any contributions to this publication are appreciated and can be sent to: Don, W1FKF by e-mail to donw1fkf-news@yahoo.com

Dues are \$10 for 2 years. Please contact or mail application to: NEWS Treasurer, George Collins, KC1V, 105 Ninth District Rd., Somers, CT 06071 or E-mail: news.kc1v@gmail.com

Mail to

Treasurer
North East Weak Signal Group

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News Letter

North East Weak Signal Group

Don Twombly, W1FKF

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