



N.E.W.S. LETTER



The Publication of the North East Weak Signal Group

NOV 2004

VOLUME TWELVE

ISSUE FIVE

President: WA1MBA, Tom Williams
V P: Stan Laine, WA1ECF

CURRENT OFFICERS

Secretary: WIGHZ Paul Wade
Treasurer: K5GMX Bill Conner

NEXT MEETING

SATURDAY THE 13TH OF NOV
AT THE RADISSON HOTEL IN ENFIELD, CT
SIGURD, KJ1K WILL TALK ON ROVER EVOLUTION
THERE WILL BE A DUCT TAPE AUCTION

IN THIS ISSUE

PREZ SEZ DE WA1MBA	PAGE 2
SECRETARY'S REPORT NEWS MEETING SEPT 25 DE K1MAP	PAGE 2
6 METER FALL SPRINT DE K1UHF	PAGE 2
N3EMF WORKING ON K1UHF'S TOWER	PAGE 3
ARTICLES NEEDED FOR NEWSLETTER DE K1UHF	PAGE 3
FOR SALE OR SWAP	PAGE 4

DON'T FORGET

THE NORTH EAST WEAK SIGNAL GROUP
2 METER VHF AND ABOVE NET
EVERY THURSDAY NIGHT AT 8:30 p.m. LOCAL
144.250
W1COT, WZ1V, OR K1PXE NET CONTROL

MEMBERSHIP in the N.E.W.S. Group is \$15 per year. Apply to Bill Conner K5GMX, K5GMX@arrl.net. 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. Articles can be sent to K1UHF, Del Schier, 126 Old West Mountain Road, Ridgefield, CT 06877 Preferably only via e-mail with "NEWSletter" in the subject line, to K1UHF@amsat.org

PREZ SEZ **DE WA1MBA**

Well, its November, and the leaves are blowing off the trees. Besides the arrival of cold weather and long nights, this makes me think of winter projects and getting the tower equipment ready for the January contest. After attending Microwave Update in Dallas last month, I am setting my sights on getting my portable station together this winter so that I will be ready for testing and contesting next summer. Speaking of Microwave Update - it continues to be a big success. Paul W1GHZ and I made the trek to Dallas/Ft. Worth, and had a blast. I hope that we will have a chance to recollect the high-lights at our meeting.

We have had some good items go at our duct tape auctions for very good prices. Let's keep it up - get some of those unwanted beasts out of the cellar and put some interesting thing along with it that you don't really need.

Our talk this meeting is from Sigurd, KJ1K on Rover Evolution. Sigurd has acquired some experiences that he will be sharing - and I am looking forward to this one. I hope to be building a rover for next year myself, and I would rather not repeat any mistakes.

I look forward to seeing you on the 13th in Enfield.

73s Tom

SECRETARY'S REPORT OF THE NEWS **GROUP MEETING OF 25 SEPT 2004.**

With 24 members and guests in attendance, President, Tom Williams, opened the meeting at 1:10 PM. There was no Old Business.

New Business: The Big E needs operators for the ham booth.

Ron Klimas, WZ1V reminded us that the 31st annual Eastern VHF-UHF Conference will be coming up in mid-April of 2005. The conference chairman is looking for speakers and papers. Please contact conference Chairman Bruce Wood, N2LIV.

Al Koepke, K1JCL, has a 10GHz beacon on in FN31tt, Coventry, CT. Numerous members have heard it during the recent contest. With it's location on a tall tower, about 20 miles east of Hartford, the beacon will likely be heard down the coast when conditions are enhanced. The frequency has been reported to be around 10368.020 and sends a very slow CW ID.

The Duct Tape Auction was held. Several members offered items which Tom auctioned off. Then we took a break at 1:40 PM.

When the group reassembled at 2:00 PM, we were ready for the main program of the afternoon. Mike, N1JEZ presented a well organized and thorough pictorial description of the new Oscar 51 satellite. He covered the building, launching and operation of the amateur space station. Thanks go to Mike for his very informative presentation.

After Mike's presentation, Burt, N2YYU, showed a very nice 10GHZ slot antenna that he has machined from 3/4" type M copper pipe. He went over the construction design and discussed radiation patterns.

The next meeting is Nov 13th at the Enfield Radisson. The meeting was adjourned at 3:10 PM.

Respectfully submitted by Mark Casey, K1MAP, sitting in for Secretary, Paul Wade, W1GHZ, who was not able to attend this meeting.

6 METER FALL SPRINT DE K1UHF

I had a good time operating for about two hours. Six is the only band I have working but my tower is almost fixed, it was good to get on. 80 Qs and 29 grids. Interesting conditions, not sure if it was Es or tropo. Here is a list of the grids that I worked

Grid	call	distance
FN2O	N2BX	92
FN41	KA1KOJ	135
FN3O	N2FKF	63
FN31	N1ZN	33
FN1O	K3TUF	187
FM19	W3ZGD	218
FN21	KA2CYN	75
FM29	K3EOD	144
FN11	N3PUD	178
FM28	W3DOG	207
EN91	K8MMM	384
FM18	N3DB	270
FN12	KB2YCC	178
FN23	KC2GNC	169
FN42	N1JEZ	118
FN43	W1UR	202
EM6	KG4PAC	841
EM31	KD5DFL	1269
EM73	K1KC	825
EM51	W5TF	1089
EM63	KK4KKK	910
EL49	N5JM	1212
EM4O	KD5OLB	1223
EM3O	WA5KBH	1333
EM74	WB4WXE	778
FN32	K2UF	89
EM6O	KB4ET	1055
FMO9	K8GUN	311
FMO6	K4GS	441

73, Del
K1UHF

N3EMF WORKING ON K1UHF'S TOWER



ARTICLES NEEDED FOR NEWSLETTER!

We has nothing to put in the NEWSletter this month except what you see. Come on guys, send me something for the next issue! A new project, operating, anything...

DON'T FORGET

THE NORTH EAST WEAK SIGNAL GROUP
2 METER VHF AND ABOVE NET
EVERY THURSDAY NIGHT AT 8:30 p.m. LOCAL
144.250
W1COT, WZ1V, OR K1PXE NET CONTROL

FOR SALE OR SWAP:

Wanted-components for a dual band (5.7 & 10.3 GHz) microwave station to be mounted on my home station tower. I need a "white box", amps, transverters, relays, two foot dish and feed plus mounting hardware, and most of all-IDEAS.

73, George, N1GJ dngjones@juno.com

Kenwood TR-751A 2m meter all mode, great 2m meter rig for liaison, mobile use or as and IF, Instruction and Service Manual. \$350.00.

Kenwood TS-450S with YK-88C-1 500 cy CW Filter. YK-88SN-1 SSB Filter, Instruction Manual, Service Manual, External Control Manual, PS-50 External Power Supply. Good Condition, non Smoker. \$650.00 Great HF rig, or as a 28 Mc IF, easy to convert to low power for transverter use, have conversion article.

Andrews LDF-50 7/8' used SPLICE KIT, rare and hard to find. \$50.00

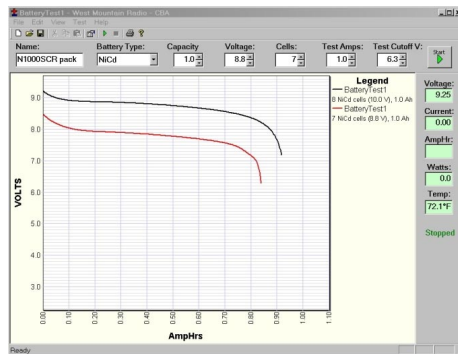
Andrews LDF-50 hardline, approx. 100' free for taking or \$50 with (2) 7/8" connectors. Pickup or can deliver to Nov 13 NEWS meeting. May have several lengths available.

All items plus shipping from 11767 or can deliver to Nov 13 NEWS Meeting. See you all there.

Bruce N2LIV, bdwood@erols.com

West Mountain Radio

NEW: Computerized Battery Analyzer, aka the CBA



To be sure your mountaintop portable station battery is going to last all day get a CBA!

- * Easy to use and foolproof.
- * Perform tests like a pro!
- * Analyze exact battery characteristics.
- * Match cells or pick the best pack.
- * Check for battery aging.
- * Cycle and condition batteries.
- * Test at up to 150 watts or 40 Amps.



Del, K1UHF k1uhf@westmountainradio.com, 203 853 8080 www.westmountainradio.com



SSB Electronic USA manufactures and distributes HF, VHF, UHF and SHF equipment covering 10MHz - 47.0GHz. Our products include: Wireless LAN / WAN Bidirectional Linear Amplifiers, Low Noise Preamplifiers - LNA's, RF Linear Amplifiers, Relays, Transverter Systems, Frequency Translation Systems, Downconverters, Antennas, Parabolic Dishes, Coaxial Cable, Relays, Antenna Switches, Microwave Test equipment, PC controlled Receivers, Microwave Linear Amplifiers including models for Telemetry, Wireless, and CDMA applications.

Our customers include: Commercial, Military, Amateur Radio, University, Research Institutes and Government Agencies.

Custom versions of any of our products are available, please contact us with your requirements.

**124 Cherrywood Drive, Mountaintop, PA 18707 USA, PHONE 570-868-5643, FAX 570-868-6917
www.ssbusa.com**

C3i® **Finest Quality, Highest Performance,**

Lowest Cost Call, FAX, E-mail or Order from our Web Site. Our K1FO and K1JX VHF and UHF Antennas are proven performers in Contest after Contest @ K8GP / FM08fq

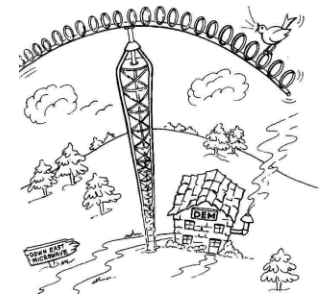
GO WITH THE WINNERS

**VISIT OUR HOME PAGE TODAY FOR MORE DETAILED INFORMATION
www.c3iusa.com 1-800-445-7747 owormser@c3iusa.com sruffin@c3iusa.com**

DOWN EAST MICROWAVE

VHF/UHF/SHF EQUIPMENT AND PARTS 50 TO 10,368 MHZ

- MICROWAVE LOOP YAGIS, VHF/UHF YAGIS**
- NO-TUNE LINEAR TRANSVERTERS,**
- LINEAR POWER AMPLIFIERS**
- LOW NOISE PREAMPS**
- COAX RELAYS**
- COAX CABLE CONNECTORS**
- CRYSTALS**
- CHIP COMPONENTS, MMIC'S, TRANSISTORS, RF MODULES**



SAY YOU SAW IT IN THE NEWSLETTER

**STEVE KOSTRO, N2CEI, 954 RT. 519, FRENCHTOWN, NJ. 08825 PHONE: 908-996-3584, FAX: 908-996-3702
www.downeastmicrowave.com**

DIRECTIVE SYSTEMS

ANTENNAS AND ACCESSORIES

NOW FEATURING THE K1FO 17' BOOM YAGIS FOR 144, 222, & 432 MHz!



**DAVE OLEAN, K1WHS, RR1, BOX 282, LEBANON, ME. 04027, PHONE: 207-658-7758
www.directivesystems.com**

NEXT MEETING

SATURDAY THE 13TH OF NOV
AT THE RADISSON HOTEL IN ENFIELD, CT
SIGURD, KJ1K WILL TALK ON ROVER EVOLUTION
THERE WILL BE A DUCT TAPE AUCTION

DON'T FORGET

THE NORTH EAST WEAK SIGNAL GROUP
2 METER VHF AND ABOVE NET
EVERY THURSDAY NIGHT AT 8:30 p.m. LOCAL
144.250
W1COT, WZ1V, OR K1PXE NET CONTROL

North East Weak Signal Group

c/o K5GMX
Bill Conner
8 Andrew Dr
Canton, CT 06019



**Check your membership expiration date
on the mailing label!!**