



# CHEESE BITS

W3CCX

CLUB MEMORIAL CALL

ARRL  
Affiliated  
Club



CELEBRATING 50 years of VHF/UHF and MICROWAVE  
DEVELOPMENT and COMPETITION in 2006

Volume XLVII

JUNE 2006

Number 06

## HELP WANTED

FRIDAY 9 June 2006 @ 8 AM and  
Monday 12 June after 11 AM at  
the home of Bob Fox W3GXB

We need all the help available for loading the trucks Friday for the trek to Camel Back Mountain and Again on Monday to unload and put all the taysaway for aother year.

**DIRECTIONS:** From Doylestown area go North on US 611 to Ottsville and exit on to PA 412 North - Follow 3 miles into Bursonville and turn left just after the used auto parts (Junk Yard) on to Stoney Garden Road. Take the first right on to Maple Road Bob's QTH is marked by the third mailbox on the left, at 1449 Maple Road. His is lane on the right across from the black mailbox, hidden in the bushes, so slow down so you don't miss the turn. You can reach him by phone to clarify directions at 610-946-8698. Bring your best attitude and work gloves.

If you have 144MHz FM try calling on the 145.33- Repeater PL Tone 131.8 it has excellent coverage.

9, 10, 11, 12 JUNE 2006 at the  
home of Smokey the Bear and Gus  
the Grounhog

Guess What!! Despite all the announcements, e-mails and meetings we still need your help for the installation, operation and packing up of the W3CCX Contest Station.

Even if you can't stay the entire week-end plan to lend a hand for the preparations and operation for a day or overnight.

37 hours is a long time to try to work without sleep and the PACKRATS are planning a major effort with rovers and many high power stations on the air up through 48 GHz. Digital modes will run through the night and we will be running all the stations we have operators for—there are plenty of seats available and hot meals and beverages are all included for one low price.

Come spend some of your time to help all of use have the time of our lives.

We are in BIG POCONO STATE PARK on top of Camel Back Ski Resort. Join and and we will all benefit.

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**PACKRAT 222 MHz REPEATER - W3CCX/R**

222.98/224.58 MHz, Churchville, PA

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June Contest: N3ITT & KF6AJ

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VHF Conference: WA3EHD 215-659-4359

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**PACKRAT BEACONS - W3CCX/B**

FM29jw Philadelphia, PA

50.080, 144.284, 222.065, 432.295, 903.071, 1296.251,  
 2304.037, 3456.220, 5763.190, 10,368.140 MHz (as of 3/1/01)

**MONDAY NIGHT NETS**

<u>TIME</u>	<u>FREQUENCY</u>	<u>NET CONTROL</u>
7:30 PM	50.150 MHz	K3EOD FM29II
8:00 PM	144.150 MHz	N3ITT FN20kl
8:30 PM	222.125 MHz	K3TUF FN10we
8:30 PM	224.58R MHz	W3GXB FN20jm
9:00 PM	432.110 MHz	WA3GFZ FN20kc
9:30 PM	1296.100 MHz	WA3NUF FN20le
10:00 PM	903.125 MHz	AA3GN FN20ig
10:30 PM	2304.085 MHz	W3KJ FN20hg

& go to 3.4G & up after

Visit the Mt. Airy VHF Radio Club at:

<http://www.ij.net/packrats>

**Editor's Column**

Well here goes another photographic issue of Cheese-Bits. Thanks to those who submitted their 50th anniversary celebration photos for our files K1DS, K3JJZ, N2UOP, W3GAD, K3IUV. We will have a CD soon with more archive photos and all the photos we have on file from the big party. I also have several years of photos from the Camel Back Experience.

In case you missed the March and April meetings and the photos here in CheeseBits here are all the 2006 awards:

**PACKRAT OF THE YEAR**

Rick Rosen K1DS (*photo in May issue*)

**Home Brew Night**

**Most Ambitious**

Marc Franco N2UO

**Construction in Best Packrat Spirit**

Len Wintfeld - W2BVH

**Best Construction**

Len Martin - N3NGE

**Most Unique**

David Willmore - N0YMV

**January Contest Awards**

**Single Op High Power**

1st place - K3TUF

2nd place - WA3NUF

3rd place - W3SZ

**Single Op Low Power**

1st place - WA3GFZ

2nd place - K3EGE

3rd place - WA2OMY.

**Multi-Op**

1st place - N3NGE

2nd place - K3EOD

3rd place - KA3FQS

**Station Improvement Awards**

1st place N3FTI

2nd place W3GAD

3rd place K3TUF

Speaking of contests the Big Multi-Op W3CCX effort is just around the corner and we are depending on everyone to lend a hand in making this the very best effort in PACKRAT history. The Chair persons have been doing a lot to get more power and better equipment on the lower 4 band,. K3EGE has been actively working on the rover schedules not only with our own rovers by other that will be wandering out there providing those rare grids for all.

This is the Biggest single effort because it requires more than air time so come—do your part to make it a fun weekend for everyone.

Listen for the WEAK ONES

73

W3GAD Doc



# PREZ SEZ

I can't stress enough how much your active participation on the mountain in the June VHF QSO Party means to the strength of the club. Whether you lend a hand at either end in planning, preparation, loading and unloading, or on the sides of antenna, tower, power and station setup, or in the middle with operating, logging, roving, rover chasing, cooking, or being a "Public Relations" host, your connection to the club, and their affinity to you is strengthened with your participation. In the immortal words of our President John F. Kennedy, "Ask not what your country can do for you. . . ." And this year we are going FULL POWER on the lower four, with tremendous improvements in the stations for 6 and 222. Rovers are poised and great grid coverage is planned. E's are coming. Expectations are high. Let's make sure they are fulfilled. Thank you to all who have made financial contributions to this year's efforts.

And while we're at it, the same applies for those who have been asked to take officer and board leadership positions. I am excited to see the nominees, and we also need a membership chairperson and committee. The purpose of the committee will be to assure that newcomers are properly welcomed, oriented, and kept in the loop as they initiate contact with the club, and to facilitate their integration into the club's activities once they are elected into membership. My special thanks to: Dave, KB3HCL as he leaves the board position and accepts the VP nomination; Joe, K1JT as he completes his VP stint; and Lenny N3EGE, who completes his directorship year. Dave, W3KM, Bill, K3EGE, and Jim,

We continue to celebrate our 50th Anniversary, and everyone who attended the May meeting got a slice of Packrat chocolate celebration cake, cut by the illustrious 50 year member, Ernie, W3KKN. Interest also seemed to be piqued for a new club polo shirt with logo, and personalization. The board will be looking at designs and suppliers and bring some ideas to the September meeting. Another idea for a club project is the SoftRock 7.0 boards that serve as a great spectrum scope for those who have 10m IF's for their VHF transverters. I have mine, and it is clear that this will be a project that needs a steady hand and good skills at surface mount technology assembly and soldering. Only a few members had responded to this from the reflector posting, so we will pass the info around again, with a look at the kit of parts to see if more are interested before we place a group order.

It is almost summer. Get those antennas, towers and feedlines in order so we're not scrambling in the cold winter months for the January VHF SS. There's plenty of opportunity for fun within the club and beyond, with our elections at Otto's Brauhaus on Thurs, June 15th. . . come early (6:30-7) and enjoy dinner in the biergarten (Dutch Treat). Spouses and significant others always welcome. There are plenty of clubs seeking VHF & satellite stations for their Field Day operations. Our White Elephant Sale (and brief July meeting) at WA2OMY's will be on July 20th. Bring your treasures (or trash) early and inspect the auction items. That will be followed by the Club picnic at N3ITT's on Sat, July 29 (rain date Sun, Jul 30). There are a host of on-the-air activities in August, so mark them on your calendar: MAD, UHF, 10G& UP. They are followed by the Sept MAD, VHF QSO Party and the Fall Sprints and our own VHF Conference and HAMARAMA. Never let it be said that there's not enough opportunity to be active.

CU here, there & everywhere, 73, Rick, KIDS

## How to get to Camel Back Ski Resort and BIG POCONO STATE PARK

Well the site looks down on Exit 299 of Interstate 80 at Tannersville PA.

From Philadelphia and surrounding areas: Get going NORTH. If you can find Routs 309 or 611 they are the best way to. If you must use the turnpike—Interstate 476 be sure to exit for Interstate 80. go straight off the ramp and on to the interstate heading East toward New Jersey and New York. It is easy to tell because exit and mileage marker numbers get bigger as you travel East. Go to Exit 299 TANNERSVILLE and CAMEL BACK SKI RESORT. And keep to the right toward Tannersville and 611 NORTH. Go to 2nd light.

At left turn only intersection , Sullivan Trial, turn LEFT. Follow the road for about 2 miles to the first left—BEAVER CREEK BREWERY and RESTURANT and on the left and turn left. This is Camelback Road, the road to the park makes a very sharp left turn and up the hill to the very end of the road. When you see the big yellow trucks you are in the right place. If you miss the turn the next light is Route 611 and GAS so do a "U" turn and continue.

If you are coming North on 309 continue on unil you get to INTERSTATE 78 EAST. Take I-78 East to mile 71? Route 33 North next exit after HELLERTOWN. Follow Route 33 north to Interstate 80 West. North of the prison Rt 33 exits to the left so be watchful. The next turn is to West on I 80 to exit 99 (your First exit). Keep to right and turn left at the first traffic light. Follow as above.

From 611 North got to OTTSVILLE and take Route 412 NORTH toward HELLERSTOWN. Follow Route 412 as it joins route 212 through SPRINGTOWN. As you leave SPRINGTOWN Router 412 turns right and continues on into HELLERSTOWN to INTERSTATE 78. Take I 78 East to next exit (33 NORTH) and follow as above.

If you miss 412 follow 611 NORTH into EASTON. Get on to US 22 WEST to ROUTE 33 NORTH and follow as above.

There are plenty of gas stations and truck stops in BARTONSVILLE just past I-80.

Again if you have 144 MHz FM in your car try the 145.33 Repeater it will give you coverage over nearly the entire trip and we can hear on on simplex once you cross over the mountain into Schneidersville and the prison area..

# *CELEBRATIES INVADÉ PACKRAT TERRITORY*

If you missed the big celebration on April 1st then you missed one terrific time with you fellow PACKRATS, many special guest and long time supports of the Mount Airy VHF Radio Club  
The following pictures give you just a smattering of the happenings:



PACKRATS President Rick Rosen K1DS and Spouse



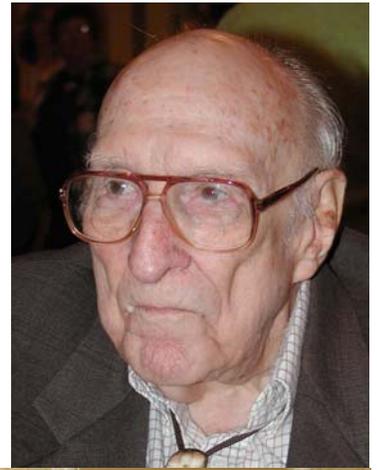
ARRL President, Joel Harrison W5ZN and Spouse



One of the original radios from the COLUMBIA EME Expedition from the archives at K3JJZ

One of the  
*FOUNDING  
FATHERS*  
W2AXU

John D. Powers



ARRL Eastern Pennsylvania Section Manager Eric Oleana WB3FPL and Spouse



Two more of the Grandfathers of the PACKRATS Elio Colussi W3RZU and an Original PACKRAT, the one of a kind, Ernie Kenas W3KKN



Warren Wehlan WB2ONA, Bill Murphy W0RSJ and another PACKRAT

*Don't they look like brothers?*

## ARRL WELCOMES NEW, RETURNING STAFFERS, ANNOUNCES STAFF SHIFT

ARRL Headquarters has welcomed three new staff members. One current and one former staffer have filled other openings.

ARRL Membership Manager Katie Breen, W1KRB, owned and operated a restaurant for three years before coming to Headquarters. A Connecticut native with a strong marketing, customer service, volunteer management and event planning background, Breen's also been an urban and regional planning professional. Outside of ARRL, she's actively involved with the Jaycees and other community activities. Breen is responsible for League membership recruitment and retention, and she says she'll focus on putting a personal touch on ARRL. As a result, she has an open-door policy and welcomes telephone calls (860-594-0297 and e-mail ([kbreen@arrrl.org](mailto:kbreen@arrrl.org)) from members.

Customer Service Manager Amy Hurtado has filled the vacancy left by the departure of Kathy Capodicasa, N1GZO, to supervise membership application processing and product sales. Most recently she managed a large customer service team at a busy direct-mail facility and has prior experience in direct mail design and production.

At ARRL Headquarters she oversees ARRL membership fulfillment operations and circulation for QST and all ARRL periodicals. She'll also handle the membership renewal process, the ARRL Life Membership program and Silent Key administration. She works closely with Breen and with Marketing Manager Bob Inderbitzen, NQ1R, on target marketing, market concepts and direct mail campaigns. Members may contact Hurtado by telephone (860-594-0257) e-mail ([ahurtado@arrrl.org](mailto:ahurtado@arrrl.org)).

Assistant Editor S. Khrystyne Keane, K1SFA, is relatively new licensee, but she's gleaned a lot of Amateur Radio knowledge from her husband Michael, K1MK, an ARRL Life Member and 30-year veteran ham.

With an academic background in journalism, history, English and photography, Keane has led political campaigns, worked for the Boy Scouts of America and headed the news department for a local weekly. At ARRL, she prepares and edits news and feature articles for the Web site, QST and NCJ.

Outside of Headquarters, Keane volunteers with the Cub Scouts and enjoys reading. "Working at the League is something I have wanted to do ever since I learned about the ARRL," she says. "You could say that this is a dream come true."

A familiar face at ARRL Headquarters for 25 years, former ARRL Advertising Manager Debra Jahnke, K1DAJ, will return to the fold in late May to take on the Responsibilities of Business Services Manager for the ARRL Sales and Marketing Department. Jahnke left Headquarters in 2005 to become advertising director for a Wisconsin publisher, and she earned her ham radio license along the way. "I'm thrilled to be returning home and to be back at ARRL," Jahnke said. "I feel my job experience during the past year provided me with a new perspective and new ideas, and I can't wait to get started." At Headquarters, Jahnke will head the business services team, developing advertising opportunities for QST, QEX and NCJ and working with League clients who purchase ARRL publications and other services.

Jahnke plans to spend at least one day at ARRL EXPO 2006 at Dayton Hamvention and will be on site at Newington starting May 24.

Contest Branch Manager Dan Henderson, N1ND, soon will shift gears after seven-plus years at ARRL to tackle new duties as Regulatory Information Specialist. He'll succeed John Hennessee, N1KB, who died in March. In his new job, Henderson will work with US amateurs on a wide range of topics relating to FCC rules and regulations governing Amateur Radio. He'll assist members in such areas as the PRB-1 limited federal preemption, antenna and zoning questions and the ARRL Volunteer Counsel and Volunteer Consulting Engineer programs.

The ARRL Letter - Vol. 25, No. 19 - May 12, 2006



Another couple of "Old Geezers" reminiscing - Doc Whitticar W3GAD and Walt Bohlman K3BPP

**Why do croutons come in airtight packages?  
Aren't they just stale bread to begin with?**



Our Guest Speaker, Frank Bauer, AMSAT VP and Kay Craigie ARRL Executive VP sharing a few moments before dinner

# ANNOUNCING 2006 Fall VHF/UHF/Microwave Sprints

The Southeastern VHF Society is again sponsoring the Fall VHF/UHF Sprints. All amateurs encouraged to participate, even if only in a small way. The rules have intentionally remained simple. They are meant to get everyone on and operate. The rules encourage rover, microwave operation and the casual operator new to VHF/UHF.

The contest is intended for single operator, single transmitter entries. However, if one wishes to introduce a newcomer to weak signal vhf/uhf operations, the sponsors of the contest reserve the right to allow such entries, if identified as such. Operating categories are Single Op and Rover.

Sprints are held on different days for each band except for the Microwaves (902 MHz and up) which are held together. The operating time for each Sprint is short (like a sprint :- ) and meant to compress the activity into a shorter time span.

Down East Microwave is again supporting the Fall Sprints by sponsoring two participation award drawings. The drawings will be made at the SVHFS Conference from the stations that turn in logs showing contacts in the 222 MHz Sprint and/or the Microwave Sprint. One drawing for each. The two drawing winners will receive \$100 gift certificates for DEMI products. You do not have to be present to win. The awards are being sponsored to encourage amateurs to get active on 222 MHz and the Microwave bands. Our thanks to Steve and Sandra for their continued support!!

At present we do not have any plaque sponsors. If you would like to sponsor a plaque for one of the Sprints please contact the Fall Sprints Chairman Bruce Randall WD4JQV.

While the rules for the Fall Sprints are set for 2006, we are always open to suggestions on how to improve them for the future. If you have an idea on how to make the Fall Sprints better for next year please drop the Fall Sprints Chairman a note and help out.

73 and good luck! Bruce Randall WD4JQV



And let's not forget all those special ladies. Here we have Lorraine Weisman XYL of Elliot, K3JJZ and Harriet Soltoff XYL of Bert, K3IUU. I think they just decided all the PACKRATS are crazy



Gene Zimmerman W3ZZ getting a little editorial advise from Mystery Rat.

The Mystery Rat made quite a few rounds during the evening and added a lot of excitement to the evening with his (or her) fanciful maneuvers

# ANTENNA MAKER M2 TO BE 2006 JUNE VHF QSO PARTY PRINCIPAL AWARDS SPONSOR

M2 Antenna Systems <http://www.m2inc.com/> has generously agreed to be Principal Awards Sponsor for the 2006 ARRL June VHF QSO Party

<http://www.arrl.org/contests/rules/2006/june-vhf.html>.

For many years, the Fresno, California, company has been a popular source of high-performance antennas for VHF/UHF and Microwave contesters, DXers and especially customized array systems--although M2 also makes antennas for HF work.

"As M2 Antenna Systems continues to capture more of the Amateur Radio and commercial antenna markets, we are delighted it has agreed to support an operating event that so many of its customers pursue with a great deal of passion," said ARRL Chief Operating Officer Harold Kramer, WJ1B.

M2 Antenna Systems Sales and Marketing Manager Wyatt Lyzenga, KF6VMW, says Amateur Radio makes up nearly two-thirds of his company's business. "M2 is a family owned and operated business with old-time values," he says. Its owners are Mike and Myrna Staal, K6MYC and K6MYM. "We enjoy our work and the time we spend designing and building products and finding solutions to customers' requirements. We're one of the last customer-oriented manufacturers."

After 32 years in the antenna business, M2 has a good handle on both technical expertise and real-world experience, Wyatt says. "Our goal is to produce the best, highest performance products possible within cost and time limits," he adds. "We strive for customer satisfaction in our products."

M2 Antenna Systems will be Principal Awards Sponsor for all unsponsored plaques for the June event. As Principal Awards Sponsor, M2's name will appear on all plaques it sponsors, and its name and logo on all certificates that go out to top scorers in the various event categories.

Agreeing to be Principal Awards Sponsor for the 2006 ARRL June VHF QSO Party is one way to let the amateur community know that M2 is interested in contests and let participating hams "know that we're there for them and can help them out," Wyatt says. "Over the long haul, it helps us help our customers better."

*The ARRL Letter - Vol. 25, No. 20 - May 19, 2006*

No one escaped the Mystery Rats' antics. Here Arlene XYL of W3GAD gets a few giggles from the his silent antics.

In addition to the good food, displays and the Mystery Rat we also enjoyed music for dancing from the DJ and a presentation from Frank Bauer of AMSAT about "SUITSAT and the International Space Station.



# OREGON RADIO AMATEUR DIES IN TOWER MISHAP

Well-known DXer Ron J. Spears, W7IX, of Klamath Falls, Oregon, died May 14 when an Amateur Radio tower he was working on in Northern California broke and toppled. He was 44.

News accounts say Spears, an ARRL DXCC Honor Roll member (CW), was attempting to retrieve a 40-meter beam from atop a 170-foot tower near MacDoel, California, when the structure collapsed and fell to the ground with Spears still attached by his safety belt. He was pronounced dead at the scene. His father, Aubrey, was assisting on the ground and witnessed the accident.

Spears had built the tower for its previous owner, Ray Balch, K6VX (SK), and used to do all of Balch's antenna work, so he had prior experience working on the structure. According to his father, Spears had first inspected the tower for safety. Spears earlier had bought the antenna from the current property owner and was attempting to bring it down in pieces. The heavy-duty support structure broke as Spears was about 10 feet from the top.

One unofficial report says that when Spears removed the antenna, it slipped and struck one of the top guy wires, starting the tower swaying until the guy broke. Another account says the beam "got away from" Spears and its huge boom struck and broke the tower guy. All but the lower 40 feet of the structure reportedly fell.

Spears was a member of the ARRL and of the Southern Oregon Amateur Packet Radio Association.-- News media reports; The Daily DX; Rod Ingram, WC7N

*The ARRL Letter—Vol. 25, No.20—May 12, 2006*

**NOTE: Tower safety is a life and death choice.** No matter how familiar you are with the tower, take the time to install additional guy cables at all levels before attempting any major changes on that used tower. Your life is too high a price to pay for the time saved. If you are not sure err on the safe side and ask for help there are many seasoned, tower safety conscious PACKRATS who will willingly lend a hand with your tower projects. W3GAD

# GOING THE DISTANCE ON 5.7 GHz

Giddy All,

On May 23, 2006 at 0225 hours UTC, a new World Record distance of circa 15931 Kilometres for a 5760 Mhz EME contact was set by myself... Alan - VK3XPD and the Czech Republic's OK1KIR EME Team of... Vladimir - OK1DAK, Tonda - OK1DAI & Jan - OK1VAO. This QSO is also the FIRST ever 5760 Mhz EME contact for Australia (VK) !

Signal Reports were "O" Copy from VK3XPD & "M" Copy from from OK1KIR. The OK1KIR station uses Circular Polarisation with a 60 Watt (SSPA) feeding a 4.5 metre dish.

The VK3XPD station is a VE4MA Feed, Horizontally Polarised with a rear dish mounted TWTA feeding a 3 metre dish. It is fully Coaxial (Coax Relay @ the Feed) because no Waveguide bits were available at the time.. so my in circuit losses are somewhat higher than a WG setup.

The event was also not without it's problems... my TWTA recently developed an RF Output problem which resulted in the Output Power dropping (varying slowly and unpredictably) by up to 10 dB from the maximum available output of about 100 watts. Additionally, there were overcast conditions (no visible Moon) in VK and very poor wet weather in the Czech Republic at that time. I'm hoping to resolve my TWTA difficulties soon and chase a few more QSO's shortly.

My thanks to Vlad & his OK1KIR Team for persisting....

Cheers.

Alan Devlin - VK3XPD, Melbourne, Australia.



Bernie Fuller K3LLR, ARRL Atlantic Division Director made a special presentation to K1DS Honoring the PACKRATS for 50 year of success in helping Amateur Radio reach new horizons in VHF, UHF and Microwave Development and contesting

**Joel Knoblock W3RFC**

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# WHAT'S HAPPENING

## A LISTING OF INTERESTING EVENTS

- 3 JUNE 2006 - Microwave Activity Day** Get on the air, listen for the weak ones, and work them too. Also 1 July, 5 August and the first Saturday of every month
- 9 TO 12 JUNE 2006— JUNE VHF QSO PARTY**—Annual PACKRATS trek to Camel Back Mountain in BIG POCONO STATE PARK Tannersville, PA See Map on Page
- 15 JUNE 2006—Regular meeting of the Mount Airy VHF Radio Club**—ELECTION of officers for 2006/2007. Meeting will be held at OTT'S BRAU HAUS on Easton Road (Route 611) Horsham, PA
- 13 JULY 2006—Board of Directors meeting**
- 20 JULY 2006—ANNUAL WHITE ELEPHANT SALE AT QTH OF WA2OMY GARY HITCHNER,**  
39 West Mount Kirk Avenue, Norristown. PA
- 29 JULY 2006—ANNUAL PACKRATS FAMILY PICNIC at the QTH of N3ITT, Al Shepard, 77**  
Foellner Lane, Ottsville, PA RAIN DATE 30 July
- 5-6 AUGUST 2006—ARRL UHF CONTEST**
- 19-20 AUGUST 2006 - ARRL 10 GHz and UP CONTEST—Part ONE - Part TWO on 16-17**  
September 2006
- 9 TO 11 SEPTEMBER 2006—ARRL September VHF QSO PARTY**
- 9 TO 10 SEPTEMBER 2006—ARRL International EME COMPETITION**  
also 14 to 15 October and 11 to 12 November 2006
- 18 SEPTEMBER 2006—MONDAY—Fall 144 MHz Sprint** (See Announcement on Page—  
Rules will be published in the August CheeseBits.)
- 26 SEPTEMBER 2006—TUESDAY— Fall 222 MHz Sprint**
- 30 SEPTEMBER 2006 - MID ATLANTIC VHF/UHF/MICROWAVE CONFERENCE**
- 1 OCTOBER 2006—PACKRATS ANNUAL HAMFEST**—Once again it will be held at the  
Middletown Grange Fair Grounds in Wrightstown, PA
- 4 OCTOBER 2006—WEDNESDAY—Fall 432 Sprint**
- 14 OCTOBER 2006—SATURDAY—Fall 903 and up Sprint**
- 19 OCTOBER 2006—Special Meeting of the MOUNT AIRY VHF RADIO CLUB with special**  
*Guest Astronaut Greg Olson.* This meeting will be held at the Ben Wilson Senior  
Center, Delmont and Street Roads in Warminster, PA
- 19 TO 22 OCTOBER 2006 MICROWAVE UPDATE 2006**—see announcement on Page 9
- 21 OCTOBER 2006—SATURDAY—Fall 50 MHz Sprint**

All meetings are announced on the regular Monday Evening Nets. (See Page 2) - Board meetings of the Mount Airy VHF Radio Club are open to all members. Teleconferencing for members is usually available. Regularly scheduled meetings of the PACKRATS are held at 8 PM in the basement meeting room at the Southampton Public Library on Street Road in Southampton, PA. Meetings are open, not only to the membership, but to any party interested in VHF/UHF/Microwave contesting, equipment design and construction for use on the VHF/UHF and Microwave Frequencies or amateur radio in general.

# MICROWAVE UPDATE

## 2006

### OCTOBER 19-22

THE MIDWEST VHF/UHF SOCIETY is pleased to announce that it has been chosen to host the *MICROWAVE UPDATE 2006* conference in Dayton, Ohio on October 19-22, 2006.

The event will be held at the Holiday Inn North, located at the Wagner Ford Road exit on I-75. Room rates are \$79 plus tax per room per night for king or double beds, maximum occupancy is 5 per room, registration at 937-278-4871 or [www.holiday-inn.com/day-north](http://www.holiday-inn.com/day-north).

On Thursday, the surplus shop tour will include Mendelson's, Fair Radio, and Midwest Surplus. Friday night will be the traditional *MUD* Flea Market, and Saturday evening will close the event with a banquet including door prizes and an enlightening presentation. In addition to the excellent technical presentations *MUD* is known for, there will be an exhibit area for vendors to show off their latest offerings, and a hospitality suite on Thursday and Friday evenings.

Test equipment will be available for checking noise figure, amplifier gain, output power, phase noise, and impedance. We hope to arrange for suitable nearby facilities early on Sunday morning so that an antenna gain and pattern test range can be set up.

To present papers, call Gerd Schrick at 937-253-3993, email: [wb8ifm@amsat.org](mailto:wb8ifm@amsat.org). Of course, there will be activities for the family as well, since Dayton offers many cultural attractions and great shopping! The Museum of the United State Air force recently completed a major expansion of its indoor exhibit area, substantially increasing the number of aircraft and historical items on display.

Registration is \$40 before September 30, \$45 after September 30, and \$50 at the door. The banquet is \$35 per person. The registration includes one copy of the proceedings, additional copies are \$20 each.

For more information: [www.microwaveupdate.org](http://www.microwaveupdate.org). The members of MVUS are looking forward to hosting *MUD 2006*, and hope you will join us for a great time in Dayton!

#### *The MUD 2006 Committee:*

Tom Holmes, N8ZM                      Mike Schulsinger, N8QHV  
Gerd Schrick, WB8IFM                      Steve Coy, K8UD  
Tony Emanuele, WA8RJF                      Bob Mathews, K8TQK  
And a Host of Others

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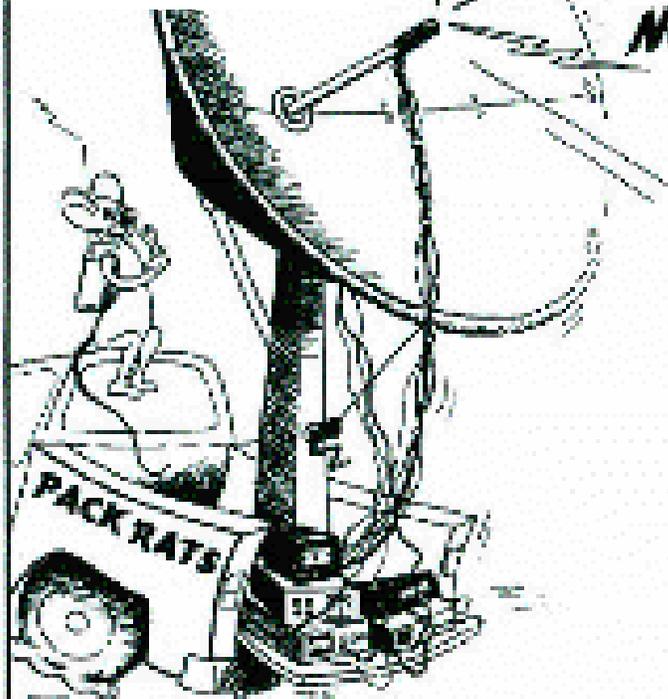
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# MEETING NOTICE



## LOOKING AHEAD:

June, August and September Contest  
MUD 2006

June Elections

JULY—White Elephant Sale

## INSIDE: MUD 2006 Announcement

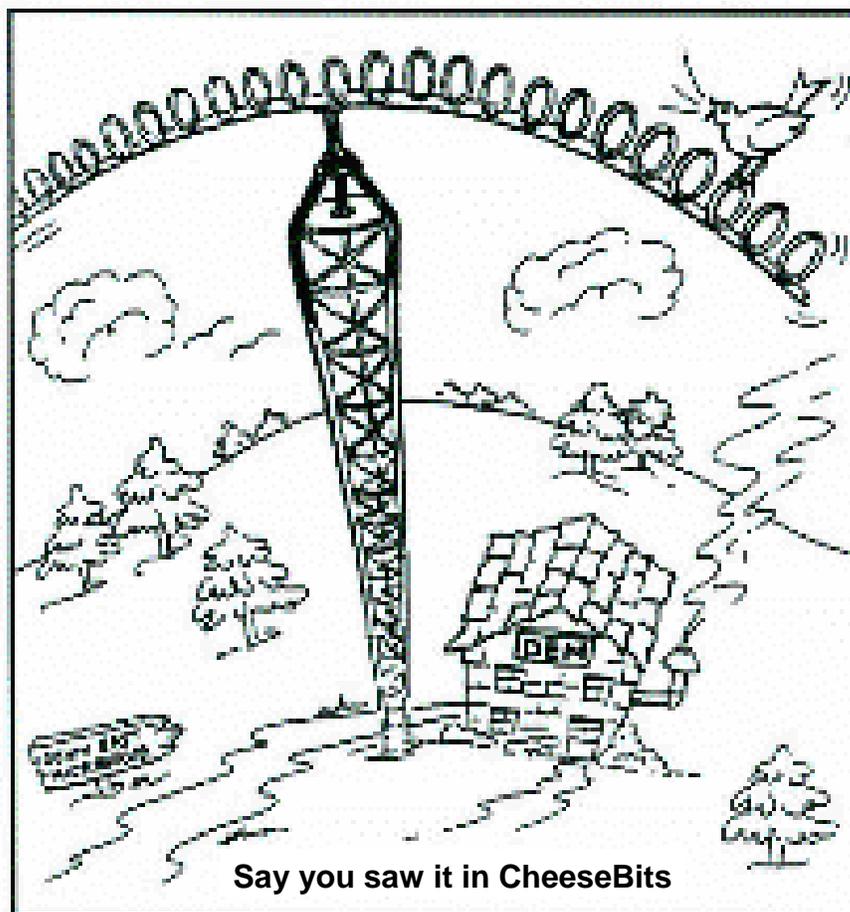
50th Photo Essay

Awards

Contest site directions

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