

# AMSAT-DC

## Meeting and Space Seminar

Sunday afternoon  
March 21, 2004  
NASA GSFC  
Greenbelt, Maryland

**AGENDA and results**  
by Pat Kilroy, N8PK

and selected photos by  
Charlie Heisler, K3VDB

<http://patkilroy.com/amsat-dc/>

# AMSAT-DC

## March 2004

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- After Accidental Security Lockout, 12:00 – 1:00 PM EST, ...
- **Pat Kilroy, N8PK**, Host and Emcee
- PRESENTERS
- **Dan Schultz, N8FGV** on “The Future of the Hubble Space Telescope”
- **Scott Lindsey-Stevens, N3ASA** on “ARISS: An Introduction and Overview for AMSAT”
- **Frank Bauer, KA3HDO** on planning for the October “2004 AMSAT-NA Space Symposium and Annual Meeting”
- **Rick Hambly, W2GPS** on “AMSAT AO-E Project: Spring 2004 Status Report”
- **Bob Bruninga, WB4APR** on “PCSAT2 and the next Naval Academy Satellites”
- **Tom Clark, W3IWI** on “C-C Rider: A New Concept in Satellite Transponders”
- SHOW ‘N’ TELL DEMOS
- **Heru W3WV** with microwave parts, assemblies and construction
- **Charlie K3VDB** with his recent laser communications hardware & experiments
- **David W2LNX** with Gulf Alpha and G3RUH antennas from his AO-40 station
- **Bob WB4APR** with hardware slated to fly externally on ISS

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Charlie's Shots

From K3VDB at [http://userweb.suscom.net/~ceheisler/amsat\\_dc/amsat\\_dc.htm](http://userweb.suscom.net/~ceheisler/amsat_dc/amsat_dc.htm)



Pat and Scott



Dan



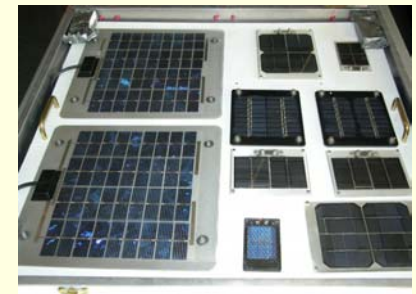
Scott



Pat



Charlie's  
laser xcvr



Bob's hardware  
One of several

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Heru



Bob's  
PCsat2

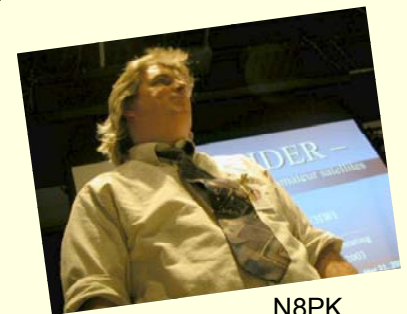
The Gang



More of Bob's  
hardware



(see last slide)



N8PK

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## THANK YOU

Date: Mon, 22 Mar 2004 11:29:00 -0500  
To: amsat-dc@amsat.org  
From: Pat Kilroy <Patrick.L.Kilroy@nasa.gov>  
Subject: March 21 Seminar Called A Success

Not without its bumps and bruises ...

### **THE 2004 LOCAL SEMINAR DEEMED A SUCCESS**

*[It takes a small, dedicated army to pull off such an outstanding success. Read on, and please thank an individual in turn on your own (each can be reached at [callsign@amsat.org](mailto:callsign@amsat.org)) or else post your March 21 "favorite thing" and your comments.]*

**A LOCKED GATE** and barbed-wire fences may stop some souls on a mission, but by the close of Sunday afternoon's Washington, D.C. area seminar and social gathering in Greenbelt, the 83-minute delayed start was largely forgotten by over fifty AMSAT members and friends in attendance.

This is a "thank you" message, NOT a set of minutes or a "what I liked/disliked about Sunday." I'll leave that commentary for others to post, and I hope there are many such messages to behold.

continued ...

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THANK YOU to our presenters and story tellers who provided the "meat and potatoes" of our gathering, namely, ...

- o Dan "Hubble Trouble" Schultz, N8FGV
- o Scott "ARISS In Sight" Lindsey-Stevens, N3ASA
- o Frank "Makin' It Happen In October" Bauer, KA3HDO
- o Rick "Echo And Other Reflections" Hambly, W2GPS

[Break for introductions, announcements, group photo, AMSAT birthday cake and ice cream, snacks and social period. Thank you to Perry Klein, W3PK, for the beautiful -- and tasty -- "35" cake!]

To continue, ...

- o Bob "Four Sat Juggler" Bruninga, WB4APR
- o Tom "C-C Rider" Clark, W3IWI

THANK YOU to those who brought in hardware for a show 'n' tell demo (public descriptions inserted immediately at the end of the break), namely, ...

- o Heru "Mr. Microwave" Walmsley, W3WVV
- o "Laser Ranger" Charlie Heisler, K3VDB
- o David "Gulf Alpha" Bern, W2LNX
- o Bob "Next Idea" Bruninga, WB4APR

THANK YOU for special guest appearances, namely, ...

- o Martha, our HQ queen
- o Art Feller, W4ART

continued ...

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THANK YOU to those AMSAT members whose mere presence also demonstrates our respect and camaraderie with other groups or causes, namely, ...

- o Paul Rinaldo, W4RI (AMRAD)
- o Tom Abernethy, W3TOM (ARRL)
- o Chris Danly, KB3DMN (youth)
- o Jim Gormley, N3SFY (emergency communications)
- o Mike Fisher, N3VOP (CCARC ham of year)
- o Gary Chatters, WA9ZZZ (talk-in guardian)

THANK YOU to those who pitched in, namely, ...

- o Scott Lindsey-Stevens, N3ASA, for running the mid-day drink refresh errand, and for counting and reporting the hat-passing\* results.
- o Tom W3IWI, Charlie K3VDB, David W2LNX, for photography or video services.
- o Jim, for PowerPoint slide advance services when not upstaged by renegade S-band or IR controllers.
- o Those who helped move tables and chairs, A/V setup chores and clean up.

\*Scott reported \$196.00 in donations to go toward the next gathering and incidental local needs.

continued ...

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THANK YOU to those who made access to the facility possible, all things considered, namely, ...

- o Dr. Bob Gabrys, Deputy, NASA GSFC Office of Public Affairs and GSFC Education Officer
- o Mr. John E. Speargas, GSFC Security Division

THANK YOU for the publicity, namely, ...

- o Bill Pasternak, WA6ITF (Newsline)
- o Dan Blasberg, KA8YPY, FAR President (AutoCall)
- o William Hatfield, W3QX (AutoCall)
- o Scott Lindsey-Stevens, N3ASA (AMSAT News Service)
- o Paul Williamson, KB5MU (amsat-dc, amsat-bb lists)
- o Your name here (schools, ham clubs, office, etc.)

THANK YOU to Dick Daniels, W4PUJ, who sent in some great "early AMSAT" and OSCAR anniversary photos; and to Robin Haighton, VE3FRH, and Barry Baines, WD4ASW, for the moral support. Thank you to Rick W2GPS for the planning ideas and advice.

continued ...

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\*I\* supplied the light pointer pen loaner.

Who did I miss?

And, hey, no more jokes about the locked gates and other barriers that we AMSAT types have learned to navigate so well!

Respectfully submitted,

Pat Kilroy  
N8PK  
AMSAT Area Coordinator  
MDC section

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Inspiring the next generation of explorers ... as only NASA can.

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March 2004

**The Gang**  
Seminar Group Photo



Mike KA3JJZ, Matt KG4JZH, Jim N3SFY, Henry WA4FXX, Joe N3IQA, Ralph KA9ZVM, Tom W3TOM, Heru W3WVW, Chris KB3DMN, Tom W3IWI, Dan N8FGV, Frank KA3HDO, John N3KHK, Bill W3HXF, Joe K3SZH, Josh KB3KJN, Steve W3OU, John W3QF, David W2LNX, Perry W3PK, Frank K0BRA, Bob WB4APR, John W3OJ, Charlie K3VDB, Rick W2GPS, Don WA3WOD, Tony K3AIW, Sparky KD4KL, Howard W4KXE, John K3EGK, Bruce KB3CGE, Gary WA9ZZZ, Mike N3VOP, Scott N3ASA, Dan KO1D, Ed N2EC, Paul W4RI, Francis WB1FXX, Art W4ART, Pat N8PK, and numerous friends. Not shown in order.