



CAPERS *July 2007*

Candlewood Amateur Radio Association - Post Office Box 3441 - Danbury, CT

Visit us on the Web at <http://www.danbury.org/cara>

President – Frank Etzler – N8WXQ - phone - 860-350-3523
Vice President – Harlan Ford – KB1ILY – phone- 203-798-8096
Secretary – Martha Babbitt – KB1IES - phone - 860-350-8804
Treasurer – Bill Webb – W1AFX - phone - 203-775-0536



Meeting: Friday, July 13 at 8 p.m.

From the President

Field Day was again a success. I believe that all had a good time at Field Day – operating the radios and ragchewing with fellow hams. We had the Mayor of Danbury and town officials from Brookfield attend. The Mayor presented a certificate to CARA for our community support. Expect Brookfield to open an EOC shortly. Thanks are extended to all who participated in Field Day. Particular thanks to Oscar for his publicity work. It is important that each of us project a positive image of amateur radio and amateur radio operators.

At the June meeting the usual cast of characters was reinstated for another term. For those who have not served in the past, or for that matter the recent past, consider

running for a leadership position in the future.

As usual we continue meeting during the summer months. During the summer months we cannot conduct formal business but expect an exciting DX adventure Video. I look forward to seeing each of you at the meeting.

73 de Frank, N8WXQ

Field Day Photos

A collection of photos from the 2007 Field Day event appears in this month's issue. Thanks to all who helped make the event a success!

Join Us at Stony Hill FD!

Club meetings and classes are held at the Stony Hill Fire Department, Route 6, Bethel, across from the Stony Hill Inn.

Directions: I 84 Eastbound, Exit 8 (Route 6), straight through the light at the exit, East on Route 6, past Target, about a half-mile on the right. I 84 Westbound, Exit 8 (Route 6), merge left past the gas stations, reversing direction and heading East on Route 6, past Target, a half-mile on the right. CARA meetings are held on the second Friday of the month beginning at 8 p.m., with Informal "rag chewing" beginning at 7:30 p.m.

June Meeting Construction Project

Tnx to Ken KD1DD for demonstrating a neat antenna project at the June meeting. Ken's "fox hunt" and portable 2m antenna is



constructed using PVC tubing, simple clamps and flexible steel tape measure sections. Here, Ken shows off the finished antenna—which can be folded against itself and easily slipped in a PVC tubing sleeve for transport!

Scheduled VE Sessions for 2007

- September 8
- December 1

All are Saturday sessions, and all will be held at the Stony Hill Fire Station starting at 11:30 a.m. Doors will be open about 11 a.m.

For information on what to bring with you and to confirm you plan to attend a session, please contact Frank N1PE at frsileo@att.net

CARA September Hamfest

Sunday, September 16 is the date of the annual CARA Hamfest—the only hamfest in Western Connecticut!

The last page of this month's newsletter is a flyer promoting this major event. Tell your friends on the air, make copies of the flyer and distribute them or post them in prominent places. Please help get the word out --and mark the date on your calendar!

Global AREC Conference

The 2007 Global Amateur Radio Emergency Communications Conference (GAREC-07) is scheduled for Thursday and Friday, August 16-17 in Huntsville, Alabama. GAREC-07 registrants will participate in emergency communications-themed presentations, discussions and demonstrations. The conference will be held just before the 2007 ARRL National Convention and annual Huntsville Hamfest, which take place on Saturday and Sunday, August 18-19. In 2005, current IARU Region 1 Emergency Communications Coordinator Seppo Sisatto, OH1VR, organized the first GAREC meeting in Tampere, Finland.

Tampere was the site of a 1998 intergovernmental meeting where the Tampere Convention was adopted -- an international treaty that facilitates the use of telecommunications in humanitarian assistance. In 2006, GAREC met in Tampere for the second time, in connection with the International Conference on Emergency Communications (ICEC-2006) and the United Nations Working Group on Emergency Telecommunications. According to IARU International Coordinator for Emergency Communications Hans Zimmermann, F5VKP/HB9AQS, "...GAREC

wants to be a forum for the exchange of information. Many IARU Member Societies and specialized emergency communications groups have developed and implemented emergency concepts. Many others want to benefit from their technical, operational and, not the least, their administrative or even 'political' experiences when establishing the necessary cooperation with partners in emergency and disaster response. GAREC also developed new concepts, such as the 'Center of Activity Frequencies,' meanwhile adopted by the IARU Region 1 and 3 conferences."

The packed GAREC-07 agenda includes reviews of advanced digital technologies and their applications to emergency telecommunications. The ARRL Alabama Section, Zimmermann said, "leads the way" with respect to D-STAR repeater systems, activities and users. There will also be a demonstration of the Automatic Packet Reporting System (APRS), another capability of the Amateur Radio Services. Zimmermann noted, "A demonstration of [APRS] capabilities found much interest among the delegates of the ITU Plenipotentiary Conference in Turkey last November." Zimmermann added that EchoLink and eQSO are "yet more such tools, and specialized groups have developed emergency applications for these modes. More technologies are being developed or have become available already. The two days in August will be packed with practical information, and experts will arrange demonstrations of the capabilities of 21st century Amateur Radio!"

Emergency communication vehicles and equipment will be on hand throughout the conference. Details for GAREC-2007 are now being finalized. Information about GAREC-07 and the related events is available at these Web sites: <<http://www.arrl-al.org/GAREC07.htm>> and <<http://www.iaru.org/emergency/>>. The sites will be updated as more information becomes available. To register for GAREC-07, please see the registration page

<<https://www.arrl.org/forms/misc/garec07.htm>>. GAREC-07's tentative agenda <http://www.arrl.org/garec_schedule.htm> is also available.

Reminder: Digital Conference

September 28-30, 2007 - Hartford, Connecticut

The ARRL and TAPR Digital Communications Conference is an international forum for radio amateurs to meet, publish their work, and present new ideas and techniques. Presenters and attendees will have the opportunity to exchange ideas and learn about recent hardware and software advances, theories, experimental results, and practical applications.

Topics include, but are not limited to:

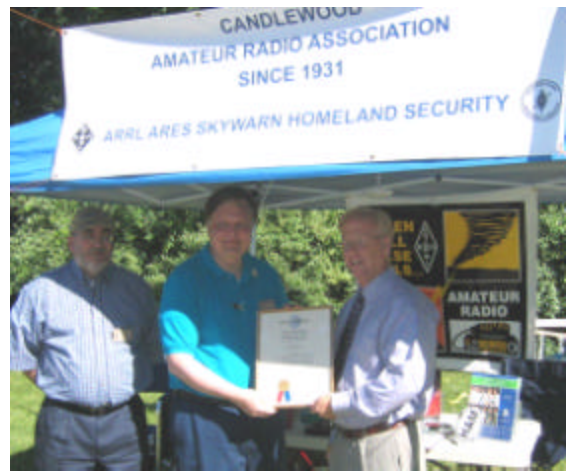
Software defined radio (SDR), digital voice, digital satellite communications, Global Position System (GPS), precision timing, Automatic Position Reporting System® (APRS), short messaging (a mode of APRS), Digital Signal Processing (DSP), HF digital modes, Internet interoperability with amateur radio networks, spread spectrum, IEEE 802.11 and other Part 15 license-exempt systems adaptable for Amateur Radio, using TCP/IP networking over amateur radio, mesh and peer to peer wireless networking, emergency and Homeland Defense backup digital communications, using Linux in amateur radio, updates on AX.25 and other wireless networking protocols.

For more information and conference details check out www.tapr.org/dcc.html



Photos from Field Day 2007







Sponsored by Candlewood Amateur Radio Association

Western CT Hamfest



Sanctioned by ARRL

- **Sunday, Sept. 16, 2007**
(Rain or Shine)
- Edmond Town Hall
45 Main St (Rt. 6)
Newtown, CT
- Set-up 7 a.m.
- Doors open 8:30 a.m. - 12:30 p.m.

**Talk-in on
147.300+
PL 100**

- Admission \$5 (under 10 free)
- Tables \$12.50 (includes 1 admission)
- Tailgating \$8 (includes 1 admission)
- Ham Radio Equipment
- Computer Gear
- Door Prizes
- Refreshments
- Free Parking

Battery Exclusive!
Big batteries at
rock bottom prices!

Commercial Vendors Include

- QuickSilver Radio Products
- Ham Source
- Radio Oasis

Don't Miss the Raffle!
Win a Brand New HT.

Seminars

- Mechanical TV - Those were the days
- Airmail - How it works, incl demo
- Satellite Communications - How to do it
- NVIS Antennas (courtesy of ARRL)

Contact Information

- Joe de Groot - AB1DO: (203) 938-4880
- Jim Ritterbusch - KD1YV: (203) 775-1946
- Email: ab1do@arrl.net
- Web site: www.danbury.org/cara

Directions

Take exit 10 off Rt. 84. Go West onto Rt. 6 (westbound make a right, east bound make a left). Approx. ¼ mile at flag pole make a right onto Rt. 25. Edmond Town Hall will be approx. 100 yds on left.

Candlewood Amateur Radio Association (CARA) Hamfest, Sept. 16, 2007
c/o Joe de Groot - AB1DO, 30 Sunnyview Drive, Redding, CT 06896. Phone # (203) 938-4880

Name _____ Daytime Phone # _____

Address _____ Evening Phone # _____

Please reserve _____ indoor tables @ \$12.50 each. Amount Enclosed \$ _____

I need _____ / do not need _____ electricity. Please make checks payable to CARA