



**Candlewood Amateur
Radio Association Inc.**
P.O. Box 3441
Danbury, CT 06813

**Informal Gathering
This Month
Friday, August 8th
8:00 PM
St. Paul's Church**

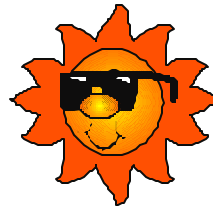


CAPERS

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

President – Frank Etzler – N8WXQ - phone - 860-350-3523
Vice President – Jeff Cantor –K1ZN - phone 203-798-6860
Secretary – Martha Babbitt – KB1IES - phone - 860-350-8804
Treasurer - John Ahle – W1JMA - phone - 203-438-6782

Mark Your Calendar!
Hamfest September 14!



Issue: August 8, 2003

Informal Meeting Friday, August 8, at 8:00 p.m.

CARA Meetings

A summer-schedule informal meeting will be held Friday, August 8, at St. Paul's Church Hall, beginning about 8 p.m.

CARA's regular meetings during the year are held on the second Friday of each month, beginning at 8:00 p.m., at St. Paul's Church Hall, Brookfield Center, CT. Informal "rag chewing" begins outside the church hall at 7:30 p.m.

The next regular meeting of the Candlewood Amateur Radio Association will be on Friday, September 12 – with the CARA annual Hamfest to take place just two days later, on Sunday, September 14!

Please mark your calendars and plan to attend both the first regular meeting of the Fall and the CARA-sponsored Hamfest at Edmund Town Hall in Newtown. The attached flyer has all the details.

Watch that Expiry!

A cruise through the FCC (mirrored at callsign.ualr.edu) database revealed that the following amateur licenses either have expired or are due to expire in the very near future. If you are in touch with these hams, please remind them to renew their licenses pronto!

KA1WAW	KA1ZTV	KD1GP
KD1RY	N1ABY	N1JXG
N1PQV	N1KZZ	N1PJH
N1PJN	N1PQV	N1PXT
N1PZG	WA1KRX	

(Tnx to KD1YV...Ed.)

7MHz Realignment Compromise

In an 11th hour compromise, delegates to World Radiocommunication Conference 2003 agreed to move broadcasters out of 7100 to 7200 kHz in Regions 1 and 3 to make room for the Amateur service. The expanded allocation goes into effect March 29, 2009. Amateurs in the rest of

Region 2 will continue to enjoy the 7000 to 7300 kHz band they now have, but with greatly reduced broadcasting interference.

In other news, the conference also dropped the international Morse code requirement, leaving it to individual countries to decide whether or not to retain a code proficiency requirement.

5 MHz Antenna/Power requirements

The new 5 MHz (60 meters) privileges call for a maximum power output (effective radiated power) of 50 watts.

This assumes the use of a half-wave dipole with 0 dBd gain. If a gain-type antenna is employed, the total ERP – power output x antenna gain – cannot exceed 50 watts. Amateurs using other than a 0 dBd gain dipole must keep an accurate measurement of their antenna gain in their station records.

For other regulations and frequently asked questions about the new 5 MHz allocation, go to the ARRL Web site: www.arrl.org/fandes/field/regulations/faq.html#sixty.

Make Use of Propagation Forecasts

With the current sunspot cycle on the wane, HF propagation conditions can be unpredictable and challenging. On the other hand, the VHF bands have experienced some surprisingly good propagation conditions this summer.

Understanding and using propagation forecasts can help you make the most of your time on the radio. Radio wave propagation forecasts are published regularly by the ARRL and members can subscribe to automatic distribution of these and other bulletins.

Additional information on propagation can be found on the ARRL-related web page:

<http://www.arrl.org/tis/info/propagation.html>.

A propagation Web site is also hosted by Serge Stroobandt, ON4BAA, and can be found at

<http://www.stroobandt.com/propagation>.

Congratulations to K1RFD!

Jonathon Taylor, K1RFD, of Ridgefield CT, is the winner of the ARRL 2002 Technical Innovation Award. Jonathon, a CARA club member, is the developer of the EchoLink voice-over-Internet protocol (VoIP) Amateur Radio repeater linking system.

EchoLink runs on any soundcard-equipped, Windows-based computer with dial-up Internet access. It's particularly useful in public service and emergency communications applications since it allows repeaters not within range of each other to be linked together in an ad-hoc network. Additionally, amateurs who may not be able to erect outside antennas can still make station-to-station contacts worldwide with other amateurs with only a handheld FM rig within range of a linked repeater.

As many may recall, Jonathon demonstrated EchoLink at the April CARA meeting. Jonathon also was the winner of this year's Dayton Hamvention Special Achievement Award.

Nets

CARA Weekly Net: Sunday nights at 7:30 p.m. 147.30+ (PL 100)

WestConn Net: Nightly at 8:30 p.m.

147.18+ (PL 114.8)

Tips Net: Tuesday evenings at 7:30 p.m. on 146.73- (PL77) (linked statewide).

R-Com Weekly Net: 145.47- (PL100) Thursday Evenings, 8 p.m.

ConnARES Area One (North) VHF Net: Mondays, 8 p.m., alternately on 147.30+ (PL 100), or 146.73- (PL 77 or 100).

Conn ARES Issues Net: 3.965 Mhz +/-, Thursdays @ approx 6:15 p.m. (following CT Phone Net)

ConnARES Area One Reminder

ConnARES Area One (North) VHF Net is currently meeting weekly, on Monday nights at 8 p.m. The net will be held alternately on the CARA 147.30+ (PL 100) repeater, and on the New Milford repeater, 146.73- (PL 77 or 100). Announcements will be made at the beginning of each net confirming the repeater in use for that evening.

The ARES issues/discussion HF Net is held on Thursdays, on 3.965 MHz, immediately following the CT Phone Net, which begins at 6:00 p.m. and signs about 6:15 p.m.

For additional information contact Bill, W1WJB, DEC, Area One, bill@StudioOne-ct.com.

Editor's Note:

Just a reminder that we're always looking for interesting features and news articles

for the CARA CAPERS. Paid-up members are also welcome to place no-charge classified ads for ham-related items. Just drop an email note to the CAPERS editor, Barry Connolly, KA1JDD@arrl.net, or call: 203-748-1033.

Although as early as possible is preferred, our deadline for articles for each month's edition generally is the Friday before the regular Friday monthly meeting.

For Sale!

Five 10'x22" sections of Universal Tower including base for mounting. Can be used as a guyed 50' tower. \$250 or best offer. Contact Ed, n1wmm@arrl.net

CARA Web Site

Visit the CARA Web site at: www.danbury.org/cara.

NTS Traffic Handling Info

At the June meeting, Dan Brochu, Ky1F, spoke about the importance of handling message traffic quickly and efficiently. Dan presented an excellent tutorial at our meeting, and has been kind enough to send additional information for our members.

That additional information – the CT NTS Roster and a list of ARRL helpful publications for traffic handling -- is included in this month's CAPERS. For more information you can contact Dan at danurse@99main.com

CT NTS/BBS (updated April 2003)

NAME	TYPE	TIMES	DAYS	FREQ.	MODE	MGR
CPN	SECTION	6 PM 10 AM	M-SA SU	3965 kHz	LSB FONE	N1DIO
CN	SECTION	7 PM	DAILY	3640 kHz	CW	N1AEH
WESCON	LOCAL (WESTERN CT)	8:30 PM	DAILY	7.78/7.18	FM FONE	KA1GWE
ECTN	LOCAL (EASTERN CT)	9 PM	DAILY	6.73/6.13	FM FONE	WA4QXT
NVTN	LOCAL (CENTRAL CT)	9:30 PM	DAILY	7.15/7.75	FM FONE	N1WGK
CSTN (W1HAD-4)	SECTION PACKET BBS	24 HRS	DAILY	V/UHF	PACKET	K1EIC

LIST OF HELPFUL ARRL PUBLS/OP AIDS

FSD-50 (5/2001) NET DIRECTORY 2001-2002 EDITION
FSD-235 (2/96) PUBLIC SERVICE COMMUNICATIONS MANUAL
NTS METHODS AND PRACTICES GUIDELINES www.arrl.org/FandES/field/nts-mpg/
 (Available in MSWORD TEXT and PDF formats)

ARRL OPERATING MANUAL

FSD-3 (2-94) ARRL NUMBERED RADIOGRAM LIST
FSD-218 (2-91) AMATEUR MESSAGE FORM ("PINK CARD")
READY REFERENCE CARD (WHITE)
EMERGENCY DATA CARD (YELLOW)
FCC RULE BOOK

Western CT Hamfest

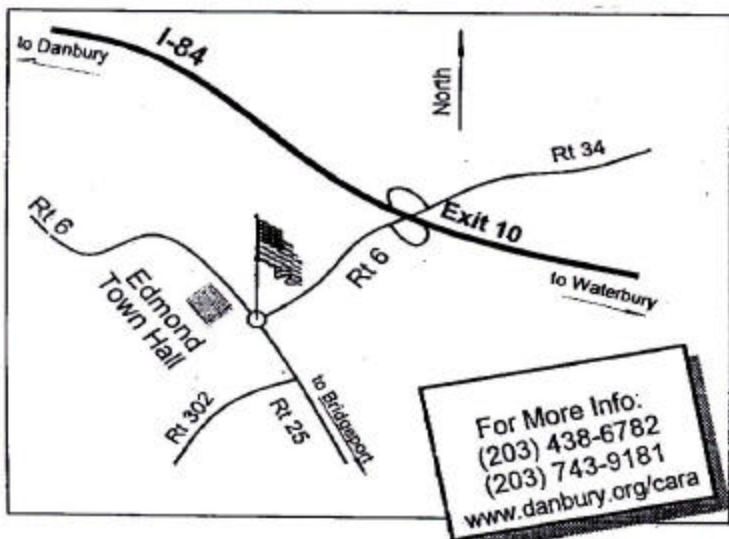
- **Sunday, September 14, 2003**
- **Edmund Town Hall, Route 6, Newtown CT**
- **Set-up 7 a.m.**
- **Doors open 8:30 a.m. – 12:30 p.m.**



Talk-in on 147.300+ PL 100



Sponsored by Candlewood
Amateur Radio Assoc.
(CARA)



- **Admission \$5 (under 10 free)**
- **Tables \$12.50 (includes 1 admission)**
- **Tailgate \$8 (includes 1 admission)**
- **Ham Radio Equipment**
- **Computer Gear**
- **Door Prizes**
- **Refreshments**
- **Ample Parking**
- **Rain or Shine**



Candlewood Amateur Radio Association (CARA) Hamfest, September 14, 2003
c/o John Ahle – W1JMA, 120 Fire Hill Road, Ridgefield, CT 06877

Name: _____ Phone # (daytime) _____

Address: _____ Phone # (evening) _____

Please reserve ____ tables, at \$12.50 each. I need ____ do not need ____ electricity.

Amount enclosed: (\$ _____). Please make checks payable to C.A.R.A.