

# PCARA Update



Volume 2, Issue 3

A Non-Profit Community Service Organization

March 2001



## Meetings

Please join us at our next meeting on Thursday, April 5th, 7:30 PM, Hudson Valley Hospital Center

**Future Meetings**  
Dates: (subject to change)

To be updated pending approval of our change to Sundays from HVHC.

## April 7th-Blue Mountain Middle School The W2NYW Special Event Station!!

- **Charter Membership - Date Extended**

We have extended the time to sign-up to become a PCARA charter member to the date of the PCARA / W2NYW Special Event, which will be held on April 7th. Please contact Joe - KR2V ([kr2v@arrl.net](mailto:kr2v@arrl.net) or 914-737-0348) as soon as possible if you would like to become a charter member and thus be eligible to sign the Special Event Station QSL certificate, or if you are already a charter member but have not yet signed the certificate. Further details can be found on page 3.

- **March Meeting**

I would like to thank everyone who turned out for the March meeting. It was one of our best attended meetings and we covered a lot of ground. We have many exciting events coming up and it is great to see the high level of enthusiasm within our association.

- **Monthly Meetings**

At the March meeting the members present expressed an interest in returning to Sunday for our monthly meetings. We are waiting on approval from HVHC who has been a kind sponsor of our meetings for almost a year now. Due to the special event station and CSMA meeting, we will hold the April meeting as originally scheduled, Thursday, April 5th, at 7:30 PM, Hudson Valley Hospital Center Dining Room B. Please try to make this meeting as we will finalize plans for the special event station, the Technician class, as well as discuss the upcoming Field Day event.

- **440 MHz Repeater Usage**

Reminder - Please consider using the 440 machines in addition to the 2 meter machine.

- **Field Day 2001**

Field Day plans are underway and we will soon be holding a sub-committee meeting to further plan for this event. Clint - KB2ZRJ, will be joining me as a Field Day Coordinator. At the March meeting 12 members signed-up to help out with equipment and participation, etc. Please contact me if you would like to add your name to the Field Day list at [kb2cq@arrl.net](mailto:kb2cq@arrl.net) or leave a message at 914-737-0348. Further details to follow.

- **Technician Class**

Plans are under way for our first Technician class, which will include CW and a VE exam upon completion of the course. As of press time details are still underway and will be disseminated as they become available. I would like to thank Malcolm - NM9J, who took on the task of preparing our course syllabus and outline. Please take a moment to review the information elsewhere in this issue and contact Joe as soon as possible ([kr2v@arrl.net](mailto:kr2v@arrl.net) or 737-0348) to sign-up for the component(s) you are interested in teaching. We will be using the ARRL method of instruction and the appropriate materials will be provided to each instructor.

- In the spirit of the hobby, I would like to again thank everyone who has contributed to making PCARA's first year of operation a great success. Please know PCARA would not be the club it is without the help, support, suggestions, etc., of the membership. Let's keep the momentum of our first year going!

73,  
Greg, KB2CQE

## Membership Report

PCARA has received **39** membership applications to date. Applications are available on our website @ [www.pcara.org](http://www.pcara.org). Completed applications should be mailed to: PCARA, PO Box 32, Crompond, New York 10517

## New Charter Members

Jeff - KE2HK

Gerry - WA2GF

Thank you to all the members who have so generously donated to PCARA's Charter Membership Program. If you haven't already, please consider a small gift to PCARA to help us meet our operating expenses.

## Welcome New Members -

Mark Dugan

Ray Caban

Jeff English - KE2HK

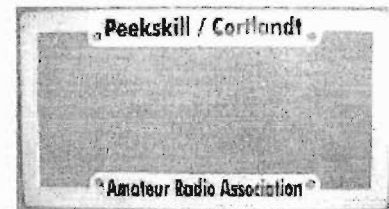
Karl Zuk - N2KZ

## Donations

PCARA, as a 501 (c) (4) organization, is able to accept financial and equipment donations, which are tax deductible (as allowed by law) for the donor. **We encourage our members to look into whether their employers offer grant /donation programs.**

## Upgrades

Please share your upgrade news with us. Send an e-mail to [pcara@email.com](mailto:pcara@email.com).



## PCARA License Plate Frames

PCARA License Plate Frames are available for 5.00 a pair. This is a great way to get the PCARA name out and to support our club. To order, please send your payment to PCARA, PO Box 32, Crompond, NY 10517, or contact PCARA at [pcara@email.com](mailto:pcara@email.com). License plate frames are also available at PCARA meetings.

## Calendar of Events

### April

5th - Monthly Meeting

7th - PCARA 1st Anniversary Special Event Station @ Blue Mountain Middle School

Kids Day - June 16

Field Day - June 24th & 25th

JOTA - October 20-21

## ARRL Membership / Renewals

PCARA, through the ARRL Club Affiliation Program, is able to assist PCARA members in establishing and renewing ARRL memberships. This is a great way to support PCARA, as we are provided with a commission from the ARRL for offering this service. You can obtain the appropriate forms from a link off the PCARA website or contact me direct at [kr2v@arrl.net](mailto:kr2v@arrl.net) or 737-0348. Below are the steps for this program:

1 - Please return your completed ARRL Membership/Renewal form, along with your ARRL dues check **made out to PCARA** to: PCARA, PO Box 32, Crompond, NY 10517.

2 - PCARA will forward a check along with your application and the Affiliated Club form to the ARRL.

## CSMA Meeting and HamFest

SARA Fleamarket

Sunday April 1st, 2001 9:00 AM to 1:00 PM

Southington High School, Pleasant Street, Southington, CT

☐ Doors open for all vendors unloading - 6:30 AM.

☐ For further info contact - Chet Bacon @ 860-628-9346

Please contact Bob - N2CBH (n2cbh@arrl.net) if you plan on attending this event.

## PCARA Special Event Station - Saturday, April 7th, 8:00 AM to 4:30 PM @ Blue Mountain Middle School

The following members have signed-up to participate in this event. All are welcome, please contact Joe - KR2V, if you would like to help out.

Name	Call	Equipment	The following equipment / supplies are still needed:
Joe	KR2V	HF Rig, Dipoles, Mast, Rope	
Greg	KB2CQE	Power Cords	<ul style="list-style-type: none"> <li>VHF / UHF Rig, Power Supply, and Antenna - For talk-in, etc.</li> </ul>
Mike	N2EAB		<ul style="list-style-type: none"> <li>Additional Coax</li> </ul>
Karl	N2KZ	10 Meter Rig, Power Cord	<ul style="list-style-type: none"> <li>Tools</li> <li>Connectors</li> </ul>
Rich	WZ2P		While we should have plenty of supplies to mix and match in order to get each station up and running, please try to be as self-sufficient as possible so we can get set-up as smoothly as possible.
Jeff	KE2HK		
Clint	KB2ZRJ	HF Rig, Coax, Power Cords, Outlet Boxes	We also need someone to coordinate the refreshments.
Malcolm	NM9J	HF Rig	
Bob	N2CBH	HF Rig, All Mode 2 Meter Rig	The school has in place a 500 Watt HF station along with a beam and Cushcraft R7 antenna.
Armen	N2PLZ	10 Meter Rig	

- We are listed in the April issues of QST and CQ magazines as well as on qrz.com.
- All QSL certificates will be issued upon receipt of a SASE.
- We will be using the PCARA Club Station Callsign - W2NYW, however, please feel free to throw in your own call as well when working the "rare" one.
- Contact log sheets will be provided as well as the opportunity to computer log. If you wish to computer log, please bring a laptop computer and I will supply the logging program (if you need one), which is very easy to use and will run on anything from an 8088 to a Windows 2000 machine. I'll have one laptop with me.
- Since any stations wishing a QSL Certificate will need to send a SASE, it will be up to the individual operator as to whether they want to log all contacts. During anticipated pile-ups, logging may become a difficult task.
- Please bring along a set of headphones if you have them to operate your station in an effort to cut down on station to station noise.
- Please let me know any thoughts, suggestions, comments, etc., you may have regarding the special event station.

Thanks,  
Joe - KR2V

# Technician Class

## Technician License Classes – Lesson Plan

### SESSION 1

Module T01: Introduction to Amateur Radio

Module T02: Radio Spectrum and Licensing

### SESSION 2

Module T03: Metric System

Module T04: Basic Electricity

Module T05: Ohm's Law; Series & Parallel Circuits

### SESSION 3

Module T06: Circuit Components; Schematic Symbols

Module T07: Block Diagrams

Module T08: Amplifiers

### SESSION 4

Module T09: The Ionosphere and Radio Propagation

Module T10: Introduction to Antennas

Module T11: VHF UHF Antennas and Safety

### SESSION 5

Module T12: Series and Parallel Circuits II

Module T13: Amateur Equipment Features

Module T14: Good Operating Practices

Module T15: Safety in the Ham Shack

### SESSION 6

Module T16: Practical Dipole Antennas

Module T17: Some Operating Regulations

Module T18: Vertical and Beam Antennas

### SESSION 7

Module T19: VHF/UHF Operation

Module T20: Additional Operating Activities

Module T21: RTTY, AMTOR and Packet Radio

### SESSION 8

Module T22: Station Layout for Safety

Module T23: Common Technical Problems

### SESSION 9

Module T24: RF Safety and Maximum Permissible Exposure Limits

Module T25: Modulation, Bandwidth and Emissions

### SESSION 10

Module T26: Electrical Wiring Safety; Using Test Equipment; Voltage, Current & Power Measurements

Module T27: License Privileges and Operating Practices

Module T28: Filters

Module T29: Antenna and Wave Polarization

### SESSION 11

Module T30: Other FCC Regulations

Module T31: Beam Antennas

Module T32: Feed Lines

Module T29: Antenna Measurements

Special thanks go to Malcolm - NM9J, for preparing the Lesson Plan data.

The following members have signed on as instructors:

	VE
Malcolm - NM9J	X
Bob - N2CBH	
Greg - KB2CQE	
Karl - N2KZ	X
Gerry - WA2GF	X
Joe - KR2V	X

Please consider joining with us in presenting our first licensing class and VE Exam. In addition to the instruction, we'll need administrative help, site planning help, website help, etc. Also, publicity for the event will be very important so we ask for the help of the membership with this task as well.

All instructors will need to contact me as soon as possible, indicating which components you would like to teach so I can get you the appropriate ARRL materials.

At this time, the class is scheduled to start on Thursday, April 26th, 7:30 PM to 9:30 PM, and run for 8 consecutive Thursdays.

Please share your ideas, etc., with regard to this ambitious club activity.

Thanks,  
Joe - KR2V



## Special Event Station

### Commemorating the First Anniversary of the Peekskill / Cortlandt Amateur Radio Association

This Certifies that Amateur Radio Station \_\_\_\_\_ Completed a Contact with PCARA Special Event Station W2NYW on the 7<sup>th</sup> day of April 2001:

UTC: \_\_\_\_\_, Frequency: \_\_\_\_\_, Mode: \_\_\_\_\_, RST: \_\_\_\_\_.

Confirmed by the Charter Members of this Fine Amateur Radio Group:

PCARA, Inc. PO Box 32, Crompond, NY 10517 • www.pcara.org • pcara@email.com

### PCARA - W2NYW First Anniversary Charter Member Special Event Station Certificate

Above is a copy of the QSL Certificate for our Special Event Station. It will be signed by PCARA Charter Members and color copies will be made for the event. Please use the below form if you would like to become a Charter Member in time for this Special Event. **The cut off date to sign the certificate will be April 7th. Please contact Joe at kr2v@arrl.net or 737-0348 to make arrangements to sign the certificate.**

## Member Assessment / Charter Membership Program

At our April 2nd meeting we discussed the need of a voluntary member assessment. This is necessary in order to help PCARA get up and running at full strength. The level of enthusiasm among our members is phenomenal and we have some great plans in the works to make PCARA the best it can be for our members and served communities. However, our current financial situation cannot support our goals.

There are several things we ask of our members:

- 1 - Please let others know about PCARA. Member packets are available for licensed amateurs, or persons interested in amateur radio (Associate Membership).
- 2 - Please consider donating your surplus radio, computer, etc., equipment to PCARA. Items we are unable to use will be brought to a hamfest to help raise funds for the association.
- 3 - Please consider a voluntary contribution to help offset our association expenses (repeater upgrades and maintenance, equipment insurance, incorporation costs, etc.) Any member who donates 50.00 or more during our first year will be considered a charter member of PCARA. The below form can be used for contributions and returned to the PCARA address:

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

Donation Amount \_\_\_\_\_

Please mail this form along with your check to:

PCARA  
PO Box 32  
Crompond, NY 10517

PEEKSKILL / CORTLANDT AMATEUR RADIO ASSOCIATION

Voice & Fax: 914-737-0348

Email: [pcara@email.com](mailto:pcara@email.com)

[www.pcara.org](http://www.pcara.org)



Update Editor:

Joe Ellman

[kr2v@arrl.net](mailto:kr2v@arrl.net)

### VE Sessions:

WECA

Emergency Operations Center

Contact: Sandy Fried N2SF - (914) 273-2741

YARC First Sunday of Every Month

Yonkers 1st precinct

Contact: Emily AC2V (914) 237-5589 or Dan AA2HX (914) 667-0587

Call in 146.865

W5YI

Pelham Doronco Town House

Contact: Mike W2MAC (914) 738-5775 or Dan AA2HX (914) 667-0587

Call in 145.495

### Ham Fests:

21 Apr 2001 Roseland Radio Club - IRAC (West Orange, NJ)

Contact: James Howe, N2TDI

Phone: 973-402-6066 Email: [jimn2tdi@att.net](mailto:jimn2tdi@att.net)

29 Apr 2001 Eastern New York Section Convention

Mt. Beacon ARC <http://www.qsl.net/mbarc>

Contact: Ken Akasofu, KL7JQC

Phone: 845-485-9617 Email: [kl7jcc@arrl.net](mailto:kl7jcc@arrl.net)

6 May 2001 Metro 70cm Network

Contact: Otto Supliski, WB2SLQ

Phone: 914-969-1053

Email: [wb2slq@juno.com](mailto:wb2slq@juno.com)

### Wanted

Information for the Update. Please send any suggestions, news, articles, etc. to [kr2v@arrl.net](mailto:kr2v@arrl.net).

  
**PCARA**

*A Non-Profit Community Service Organization*

PEEKSKILL / CORTLANDT AMATEUR RADIO ASSOCIATION, INC.

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Crompond, NY 10517