



The Unofficial Q Signal Calling all Sussex County Amateur Radio Operators

# October 2015 Newsletter

Brian Brunsch, KC2YON and Lorianne Brunsch, KD2CVR

**Upcoming Events** - Please refer to the club website for up to the minute changes and details. [www.scarcnj.org](http://www.scarcnj.org)

## October

- 16 SCARC Club Meeting - Sussex Community College Fire Training Center - VE session at 7:30pm and eyeball QSO at 8pm.
- 19-23 ARRL School Club Round-up
- 25 LIMARC Hamfest [www.limarc.org](http://www.limarc.org)

## November

- 7-9 ARRL November Sweepstakes - CW
- 20 SCARC Club Meeting - Sussex Community College Fire Training Center - VE session at 7:30pm and meeting at 8pm.
- 21-23 ARRL November Sweepstakes - Phone
- 26 Thanksgiving
- 27 Fair Lawn Amateur Radio Club Ham Radio Auction. email [w2npt@arrl.net](mailto:w2npt@arrl.net) for details

## December

- 4-6 ARRL 160 m Contest
- TBD SCARC Holiday Party
- 12-13 ARRL 10 m Contest
- 20 ARRL Rookie Roundup



Additional updates, meetings, contests and nets can be found on the website at: [www.scarcnj.org/calendar](http://www.scarcnj.org/calendar) .



**Follow us on Facebook** - <http://facebook.com/scarcnj>

## **Weekly On-Air Meetings**



There is a weekly SCARC VHF rag-chew activity hour, and Dx'ing net on the W2LV repeater frequency 147.300 MHz EVERY Tuesday at 8:00 pm. Thanks goes to KD2FAQ, for being net control and keeping topics fresh and current. Newcomers? New to a certain aspect of radio? Experienced operator willing to share in the growth of the hobby? All are welcome and encouraged. Seasoned operators are also encouraged to attend and update us on current trends and projects you are working on!

There is great interest in continuing our 75 meter net on 3.862MHz +/- QRM on Thursday nights, hosted by Niel - N2IEL. It's fun getting off the repeater for a change and getting on to HF. This net allows us to experiment with different equipment, antennas and modes of operation to determine what works and doesn't work at our home station.

## **Swap n Shop**

Frank W2FDB has set up a Swap-and-Shop on our website ([www.scarcnj.org/clubinformation/swap-N-shop.php](http://www.scarcnj.org/clubinformation/swap-N-shop.php)) . If you have anything you want to sell, buy or give away please contact them.

## **Membership Renewals and Dues** Brian Brunsch, Secretary

When you have a few moments, please fill out the enclosed membership form and submit that form plus your 2016 dues to Walt Murphy, N2WM. A copy of the membership form is included at the end of the newsletter or you can access via the website at [www.scarcnj.org/Downloads/SCARCMembershipForm.pdf](http://www.scarcnj.org/Downloads/SCARCMembershipForm.pdf). Renewals can be given to Walt at the October or November General Membership meetings. You may also snail mail your payment to:

ATTN: Walt Murphy, Club Treasurer  
Sussex County Amateur Radio Club (SCARC)  
P.O. Box 312  
Augusta, NJ  
07822

## **Do you Have Updates and New Information for SCARC?**

If you have something you would like to contribute to the newsletter including a personal story, technical information, general information or swap 'n shop, please do not hesitate to forward to Brian (KC2YON) at [brilorphoto@mac.com](mailto:brilorphoto@mac.com).



## **Compact Voltage Protector for 100-watt Transceivers**

Thanks to John Santillo for suggesting this article. Detailed below is an extract of the original introduction by Phil Salas, AD5X. At the end of the introduction is a verified website link for the entire 5 page detailed article and color diagrams. Enjoy!

### Introduction

Do you worry about protecting your mobile transceiver from voltage transients on the mobile DC line? And in your home station, how about the possibility that your station power supply might lose regulation and put excessive voltage on your transceiver? Some power supplies have over-voltage crowbar protection to protect against this possibility, but many don't. And since many radios have un-switched DC on their final amplifier transistors and internal power lines for electronic on/off switching, any voltage in excess of the maximum spec'd voltage (typically 16-18 volts) can be damaging even when the radio is off.

Now for very little outlay in cost and effort, you can do a good job of protecting your transceiver from unforeseen powering failures and transients, and unintentional powering accidents that can be very destructive. Further, as many transceivers use 1-1/4" cartridge in-line fuses in the DC power cord, you can incorporate the fusing and voltage protection in a small enclosure that takes up no more room than the existing fuses. Finally, this voltage protector unit connects to your transceiver and power supply or batteries with Anderson Powerpole connectors (I have standardized on these for all my DC applications). Obviously, you can connectorize this unit with whatever connectors you've standardized on.

Find this interesting SCARC members? See the rest of the article at:

<http://www.ad5x.com/images/Articles/Vprotect.pdf>

## **Notes from the September Membership Meeting** Brian Brunsch, Secretary

At our September general membership meeting, John Santillo announced that KC2WQU was injured in a work related accident. Our best wishes for a speedy recovery go out to Tony and his family.

It was announced that a \$100 check was sent to the Hudson Division for support of their divisional lunch and advertisement in the flier.

Niel Melendy, N2IEL suggested a great way to stop foot pedals from moving by using rubber backed carpet and taking an imprint of the pedal. KD2CVR is adapting using non slip fabric for the 2016 hill topping season.

A call is out for volunteer members for the Nomination Committee to assist with club elections. Please contact John Santillo if you are interested. Nominations start at the 10/16 meeting.

The new SCARC by-laws are going to second reading to the executive board. If you have any comments or Questions please contact Walt Murphy.

2015 Field Day Report - SCARC had 2630 logged QSO's. Final Standings have not been released by the ARRL yet. This year there were 1625 official teams.

Ed from the Fair Lawn Amateur Radio Club made a personal appearance to present information for the upcoming Ham Radio Auction on November 27, 2015. Email [w2npt@arrl.net](mailto:w2npt@arrl.net) for more information.

June VHF Contest Report. 602 total QSO's with 128 Grids. Total Score 93184. Final Standings not Released yet from ARRL. Club members and significant rover efforts from K2EZ/R contributed over 13000 points of that score. Thank you to all club members for your help.

July SCARC Hamfest Report - In total 50 different club members participated over the two days to make the 2015 Hamfest a great success. Thanks goes to all who helped from the Hamfest Committee! This year was 999 attendees, 209 tailgaters, 59 indoor tables sold, and great sales at the food table. Thank you! Preliminary date for 2016 is July 17th but this needs to be finalized by the Hamfest Committee and the Sussex County Fairgrounds. Keep tuned for updates. \*\*\* Anyone who has ANY interest in assisting with the 2016 Hamfest Committee, please contact Walt Murphy or John Santillo. Congratulations to Bernie, KD2HNX who won the 1st prize for the annual Hamfest Volunteer Draw, second was AD2P (pending audit :) ) and third was KB2SYD.

# SUSSEX COUNTY AMATEUR RADIO CLUB, INC.

## Membership Application/Renewal Form

Date of Application: \_\_\_\_\_

Please answer all questions and/or update your data on this form and return it to the attention of Club Secretary, P.O. Box 312, Augusta, NJ 07822

### TYPE OF MEMBERSHIP REQUESTED: (please circle one)

- FULL:** A Full Membership entitles you to voting privileges, to hold office, to receive the newsletter and other privileges extended to the membership. Dues are \$30.00 per year or \$15.00 per year if a member works at the SCARC Hamfest the previous year.
- FAMILY:** A Family Membership is only for immediate family members of a Full Member who resides under the same roof. The individual has the same privileges as a Full Member but does not receive the newsletter. Dues are \$5.00 per year.
- ASSOCIATE:** An Associate Member has no voting privileges, cannot hold office, but receives the newsletter. Dues are \$20.00 per year.

NAME: \_\_\_\_\_ CALL: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY, TOWN: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

HOME TELEPHONE NUMBER: (\_\_\_\_\_) \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

Are you? (Please circle correct response)

An ARRL Member  Yes  No

A RACES/ARES Member  Yes  No

A Current VE  Yes  No VEC \_\_\_\_\_

License Class: \_\_\_\_\_

License Expiration Date: \_\_\_\_\_

Year Obtained First License: \_\_\_\_\_

If elected to membership, I agree to abide by the Constitution and by-laws of the SUSSEX COUNTY AMATEUR RADIO CLUB.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



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