



# SCARA NEWSLETTER



## MAY 2014

Celebrating over 50 Years Affiliation with the ARRL

SCARA P.O. Box 121 Linwood, NJ 08221

Repeaters 146.745 MHz PL 146.2 and 448.775MHz

### Meeting Notice

Our next regular club meeting will be held on Thursday, May 8th, 7:30 PM. at the Canale Training Center. **Plenty of room, conversation and refreshments for everyone!**

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### SCARA 2014 Monthly Calendar

**AUXCOM-SKYWARN Nets:**  
Mondays 7 PM on  
146.745 MHz, K2BR /R

**SCARA VHF KISS Net:**  
Every Thursday 7:00 PM on K2BR  
Repeater

**SCARA HF Net:** Sun. Apr. 20,  
10:00 AM 3.928 MHz +/- QRM

**Board Meeting:** To be announced

**VE Test Session:** 1st Thursday each  
month 6:30 PM, testing begins at  
7:00 PM at Canale Center. Pre-  
registration is required!

**RACES Net:** Mar. 26, 7:00 PM  
Canale Training Center

### Meeting Report April 10th, 2014

Meeting was called to order by Bill KC2ONQ at 7:30pm. Before the general meeting was conducted the floor was given to Captain David Brady, NJSPROIC, our guest speaker. Captain Brady was very informative about the valuable relationships between State Police and first responders/RACES/ARES and followed by committee reports and then refreshments.

Our guest speaker at the next meeting is Ed Kensler from Maryland, National Fire Instructor academy. He will be sharing the importance of communications with Races/Ares and ALL first responder's.

### Earth Day Event By Bill KC2ONQ



WOW ... What a great day we had. Club members that participated were Bob WA2YSA, John W2JDT, Bob AC2KU, Stan WA3JVM, Bill KC2ONQ,

Mandy KC2QOG and Brittany. I even had my two dogs and they had fun. Needless to say everyone was animal friendly there. We operated a Yaesu FT8800 and displayed a go kit from the garage. In addition, a new Yaesu Fusion mobile radio was up and running, provide by Bob AC2KU.

### Help for New Hams

By Dan Romanchik, KB6NU

In a box of stuff recently donated to WA2HOM, our amateur radio station at the Ann Arbor Hands-On Museum, there was the book, W1FB's Help for New Hams by Doug DeMaw, W1FB. This book hits on just about all the topics that a new ham in the late 1980s would want to know about, and W1FB does a great job of walking the new ham through these topics.

Of course, being 25 years old, some of it is out-of-date, and it doesn't cover some questions that a new ham would ask today. For example, there's nothing in this book about digital modes or using a computer in the shack.

So, I'm thinking of writing my own Help for New Hams. Mine would probably be a little less HF-centric and include advice on joining clubs and how to use a computer in the shack. I am also thinking that maybe I should

write two separate versions: an HF version and a VHF version.

At any rate, I've listed the chapters of the W1FB version below. **If you have any comments about what I should include in my version, I'd love to hear from you.**

- \* The Newly Licensed Amateur. This chapter talks mainly about how to choose equipment, but also covers some of the modes that amateur radio operators can use.
- \* Your New Equipment—Getting Acquainted. This chapter discusses how to use the features of modern transceivers, amplifiers, and antenna tuners. It also talks a little bit about antennas and SWR.
- \* Constructing and Using Antennas. This chapter goes into greater depth on antennas. It discusses the different types of antennas, how to feed them, and how to bring feed lines into the shack.
- \* Station Layout and Safety. This chapter covers the practical aspects of setting up an amateur radio station, including desk and chair selection and station wiring.
- \* TVI and RFI—Strange Bedfellows. TVI and RFI are less of a problem these days than back in the 80s, but it's still something new hams need to know about.
- \* Operating Problems and Fears. This chapter discusses some of the operating problems new hams face, including honesty in signal reporting, how to operate split and how to work DX.
- \* On-the-Air Conduct and Procedures. This chapter discusses more operating procedures, including calling CQ,

how to operate via a repeater, and how to ID.

- \* Station Accessories—What to Buy? This chapter discusses a variety of station accessories including keys and keyers, microphones, antenna tuners, phone patches (!), and antenna switches.
- \* DX and Contest Operating. This chapter not only discusses operating procedures, but how certain equipment features will help the new ham work more DX and score better in contests.
- \* Logging, QSL Cards, and Record Keeping. This chapter discusses why it is important to keep logs and how to QSL.
- \* Obtaining Accurate Information. This chapter is basically an ad for the ARRL, counseling the new ham to join the ARRL and buy ARRL books.  
I am especially interested in hearing from new hams about these topics. What about amateur radio confused you at first? What information would have helped you have more fun with amateur radio? What do you know now that you wish you had known when you got started? When I am not writing about amateur radio, Dan, KB6NU enjoys Elmering new hams and working CW on the HF bands. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.com or e-mail cwgeek@kb6nu.com.

### Dits n' Dahs

A reminder to all, you can get the latest local weather and severe weather reports from:  
<http://www.nhc.noaa.gov/>

### Electrical Units Names

Ampere – Andres Ampere  
Coulomb – Charles Coulomb  
Farad – Michael Faraday  
Henry - Joseph Henry  
Hertz – Heinrich Hertz  
Ohm - George Ohm  
Watt – James Watt  
Volt - Alessandro Volta

### Monthly VE Test Sessions

On the first Thursday of each month SCARA holds a VE test session. For information call Larry, KB2MN, 609-287-5340. The test location is the Canale Training Center, 5033 English Creek Ave, Egg Harbor Twp., NJ 08234. The doors open at 6:30 PM and testing begins at 7:00 PM. Pre-registration is required. Be sure to bring your photo I.D. and current license if you are upgrading to a higher license class. The current testing fee is \$15.

### Upcoming Special Events

**Lucy the Elephant** -On May 10 setup at 9:00 AM operate to? Located in Margate.

**MS Walk** in Ocean City from 9:00 AM to noon. Meet at the civic center on 6<sup>th</sup> St. next to the Boardwalk.

**MS170 Coast To Coast bike-athon** event May 17/18, 2014.

To all who participated last year: please e-mail w2kp@verizon.net with your willingness to participate in the 2014 event. If willing, assume your assigned location to be as in 2013 and so report to me. If you are unable to participate in any way or, if you are unable to participate at a particular location, please so state in your reply.

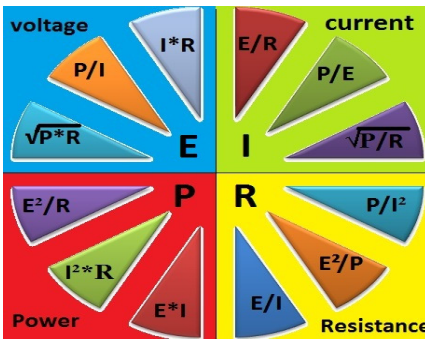
Please keep in mind that this is the MS170 verses the MS150 in September. Our involvement in Atlantic County is, as usual, on the second day of the event Sunday May 18, 2014 beginning at about 0600 EDT. Hopefully this year I will have earlier access to Canale so that net control can be established at an earlier time. As in the past, once all riders have exited Atlantic County, control will pass to Cape May County. Cheers, Ed

### Jackets & Hats Order

At the next meeting we will be taking orders for the following items with SCARA logo:  
 Heavy Jacket - \$54  
 Lightweight Jacket - \$34  
 Hats - \$13.50  
 Name Tag - \$5

### Basic Ohm's Law What is it?

Ohm's law states that the current through a conductor between two points is directly proportional to the potential difference across the two points. Introducing the constant of proportionality, the resistance, one arrives at the usual mathematical equation that describes this relationship:  $I = \{V\} / \{R\}$ , where I is the current through the conductor in units of amperes, V is the potential difference measured across the conductor in units of volts, and R is the resistance of the conductor in units of ohms. More specifically, Ohm's law states that the R in this relation is constant, independent of the current. By Wikipedia



Ohm's Law was named after German physicist and mathematician Georg Ohm.

Ohm's Law can be stated as mathematical equations, all derived from the same principle. In the following equations,  $V = I \times R$  (Voltage = Current multiplied by Resistance)  
 $R = V / I$  (Resistance = Voltage divided by Current)  
 $I = V / R$  (Current = Voltage Divided by Resistance)  
 There is a lot of good info on the internet if you wish to learn more.

### Swap Shop

Hey guys, I'm in the process of down-sizing most of my gear and will likely just keep the station in the truck. As a result, I am offering the following stuff for sale and ask that you spread the word.

- ICOM 746 ( not pro) \$700
- ICOM SP20 Speaker \$150
- ICOM SM20 Mike \$120
- SB 220 HF Amp \$450
- Astron RM-50M 5 Amp Power Supply \$100
- MFJ 434 voice keyer \$100
- LDG Z100 auto tuner \$75
- Tower and antenna package \$2800 MMUST be removed by insured contractor at buyers expense. Aluma tower 50' crank up with electric winch Cushcraft A4s 4 element tribander

Cushcraft 627013S triband VHF beam. Hygain Ham IV rotor with controller.

Thanks. 73, Art N2DWS  
[snellbaker@comcast.net](mailto:snellbaker@comcast.net)

**For Sale:** Mosley CL-33 Tri-Bander, in good condition, some new parts, antenna is complete. Pick up in Waretown, NJ \$200 Bob - K2RET  
 Email: [obarcl-1@obarcl.org](mailto:obarcl-1@obarcl.org)

For Sale: CW filter YK-455C-1, 500 Hz, for older Kenwood radios, \$75. Larry KB2MN, [kb2mn@verizon.net](mailto:kb2mn@verizon.net) 609-287-5340

**Reminder:** SCARA has an online amateur radio swap shop. Go to our website to see current listings. E-mail your "For Sale" and "Wanted" items to Larry KB2MN.  
[kb2mn@verizon.net](mailto:kb2mn@verizon.net)



Looks like a happy face??

### Club Information 2014

#### Officers

President:	Bill McCord	KC2ONQ	(609) 435-0598
Vice Pres:	Bill Schwoer (ap)	KC2AAY	(609) 892-7888
Treasurer:	Bob Webb	WA2YSA	(609) 646-6843
Secretary:	Mandy McCord	KC2QOG	(609) 435-0598

#### Board of Directors

Stan Friedman	WA3JMV	Arnie Oberson	W2OB
William Paulus	W2MWI	Bob Nicotera	KB2ERL
Tim Adams	KD2EGR		

#### Committee Chairs

<b>VE Coordinator</b>	Larry Schall KB2MN	<b>ARRL QSL Card Mgr</b>	Arnie Oberson W2OB
<b>Sunshine</b>	Bob Webb WA2YSA	<b>Dinner Chair:</b>	Harry Cohen, KD2AYT
<b>Refreshments</b>	Bill KC2ONQ	<b>Field Day</b>	Bill Schwoer
<b>ARLHS Coordinator</b>	Ed Clark W2KP	<b>Repeater</b>	W2KP, KC2AAY
<b>Newsletter Editors</b>	Bill Schwoer KC2AAY, Bill Paulus, Jr KD2EOY	<b>Trustee:</b>	Bill Schwoer
<b>Newsletter Copy Ed.</b>	Nancy Jarrín N2ANG	<b>Web site Ed.</b>	Larry Schall KB2MN
<b>E-mail</b>	SCARA@k2br.com		
<b>SCARA Web</b>	<a href="http://www.k2br.com">http://www.k2br.com</a>		